

# Oro Rinnovabile S.r.l.

**Impianto agrivoltaico denominato "Argenta 1" da 68.309,3 kWp, opere connesse ed infrastrutture indispensabili**

**Comuni di Argenta e Portomaggiore (FE)**

**Progetto Definitivo Impianto Agrivoltaico ed Opere Elettriche di Utenza**

**Allegato C.05 App.05 Verifica del potenziale di liquefazione**



**Professionista incaricato: Dott.ssa Geol. Sara Bedeschi – Ordine Regionale dei Geologi della Regione Emilia-Romagna Sez. A n. 1194**

**Rev. 0**

**Settembre 2023**

**LIQUEFACTION ANALYSIS REPORT**

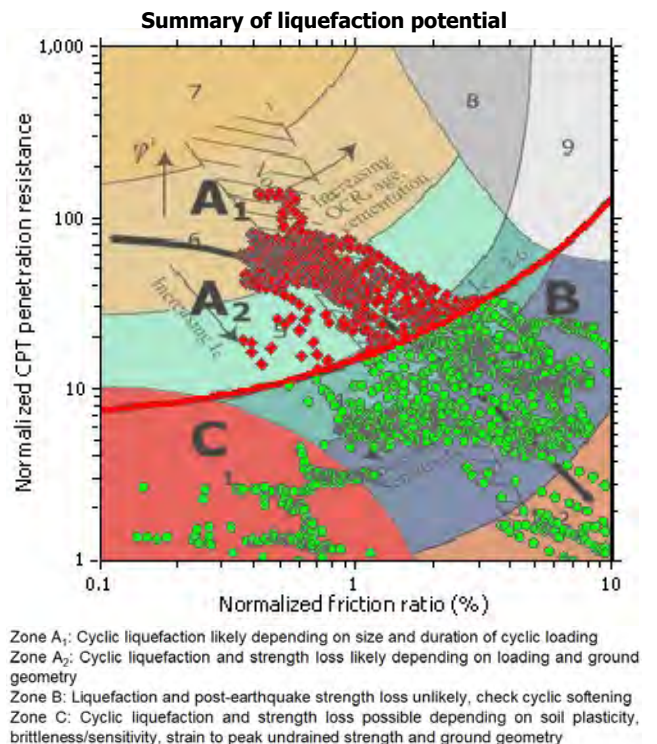
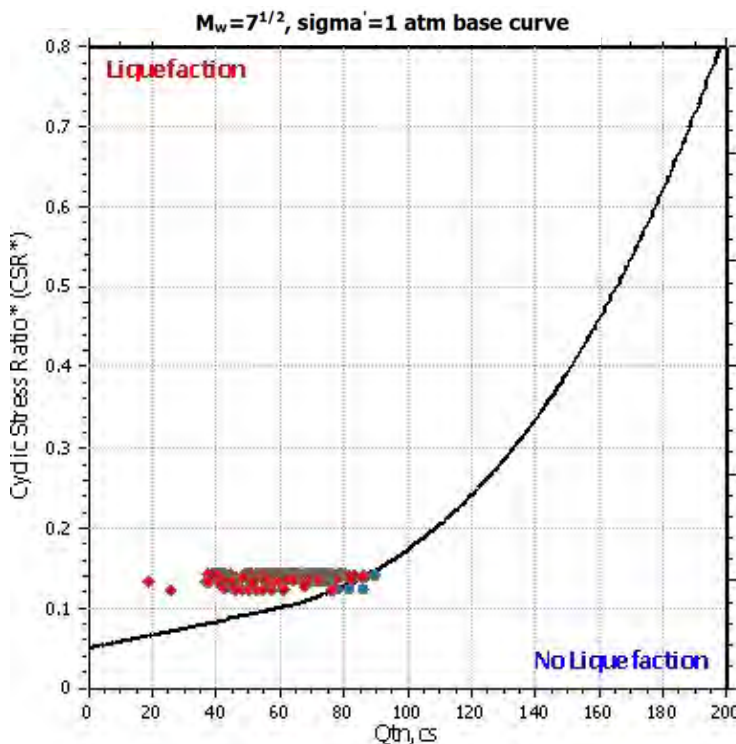
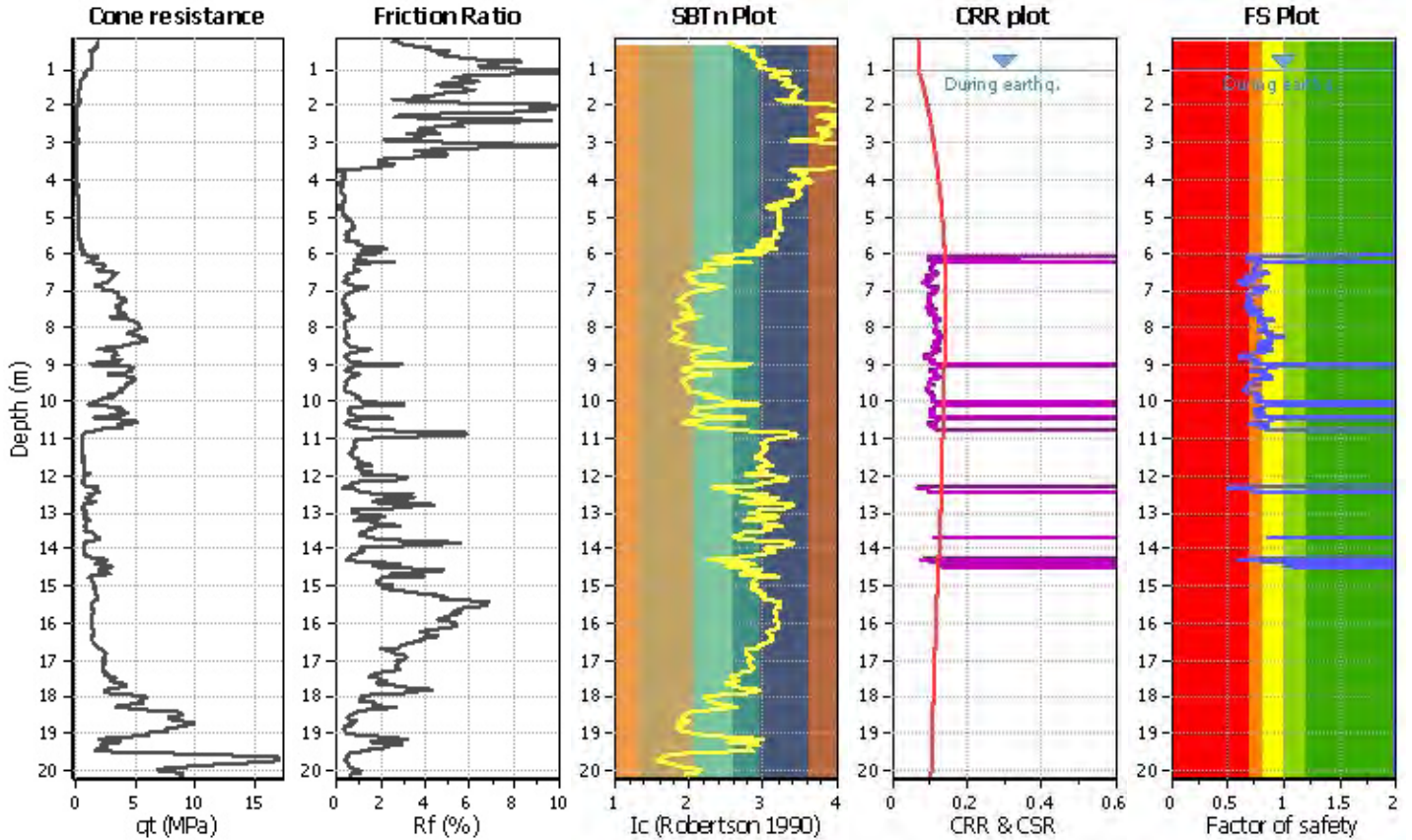
**Project title :**

**Location :**

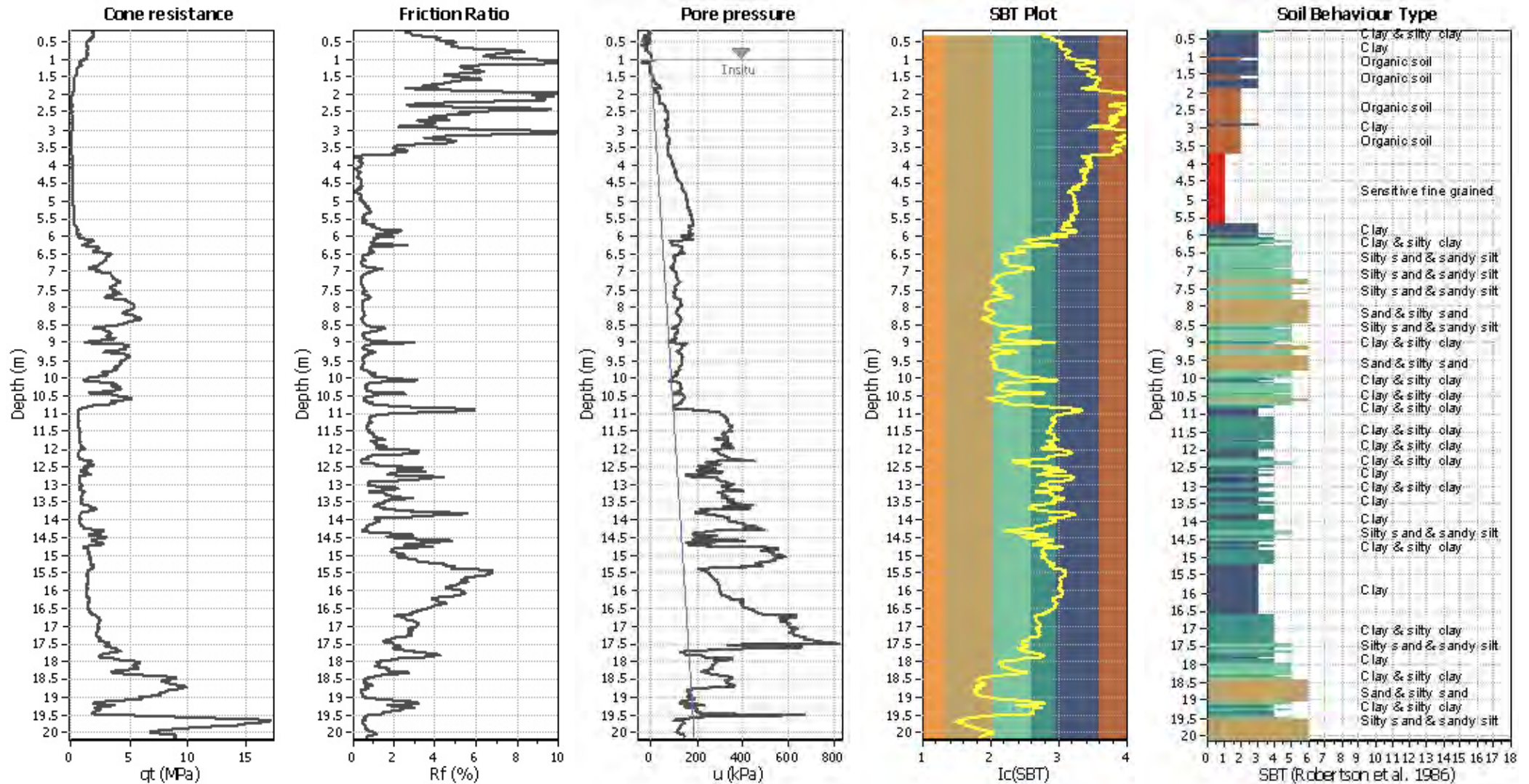
**CPT file : CPTU1 - Area 1**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



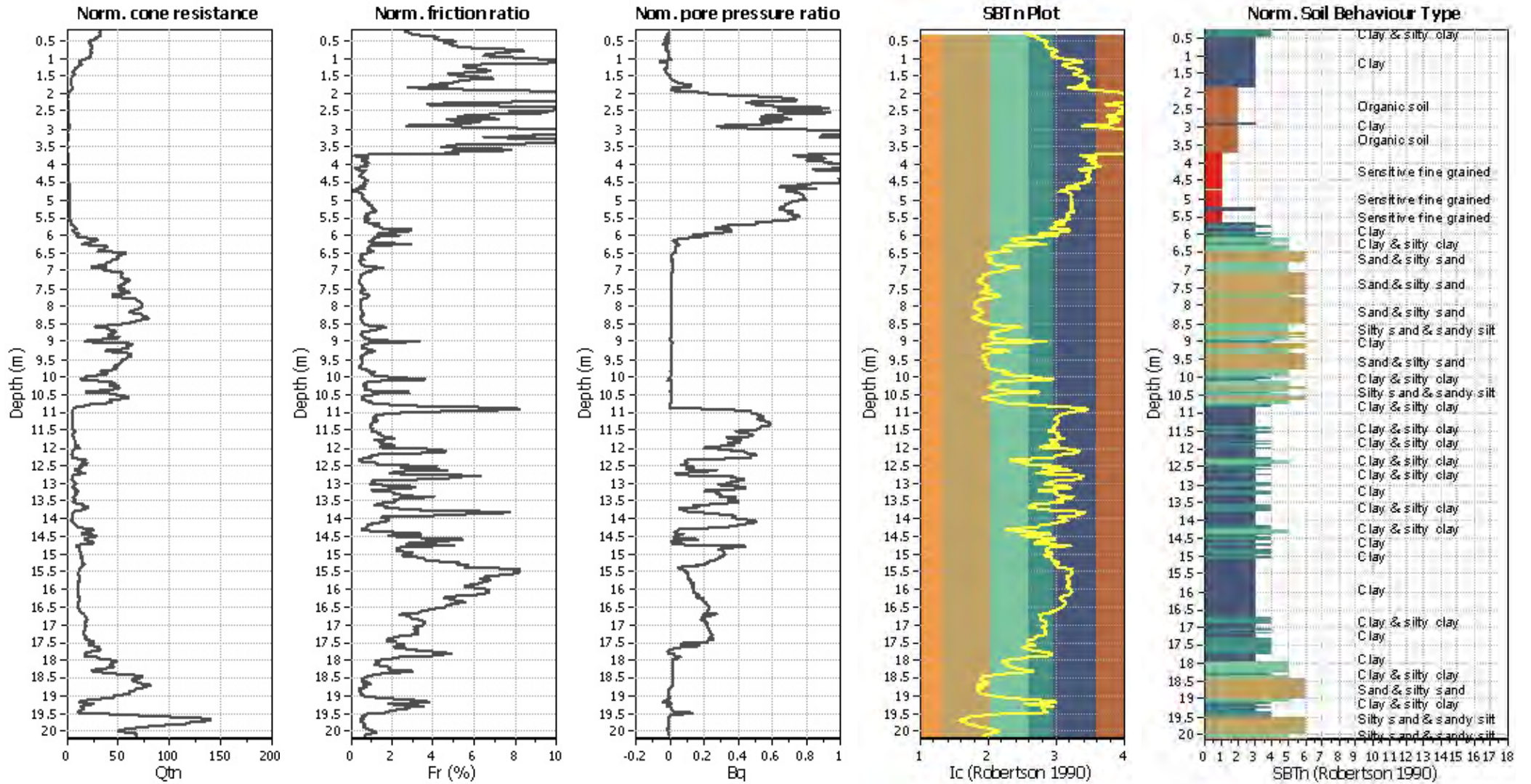
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



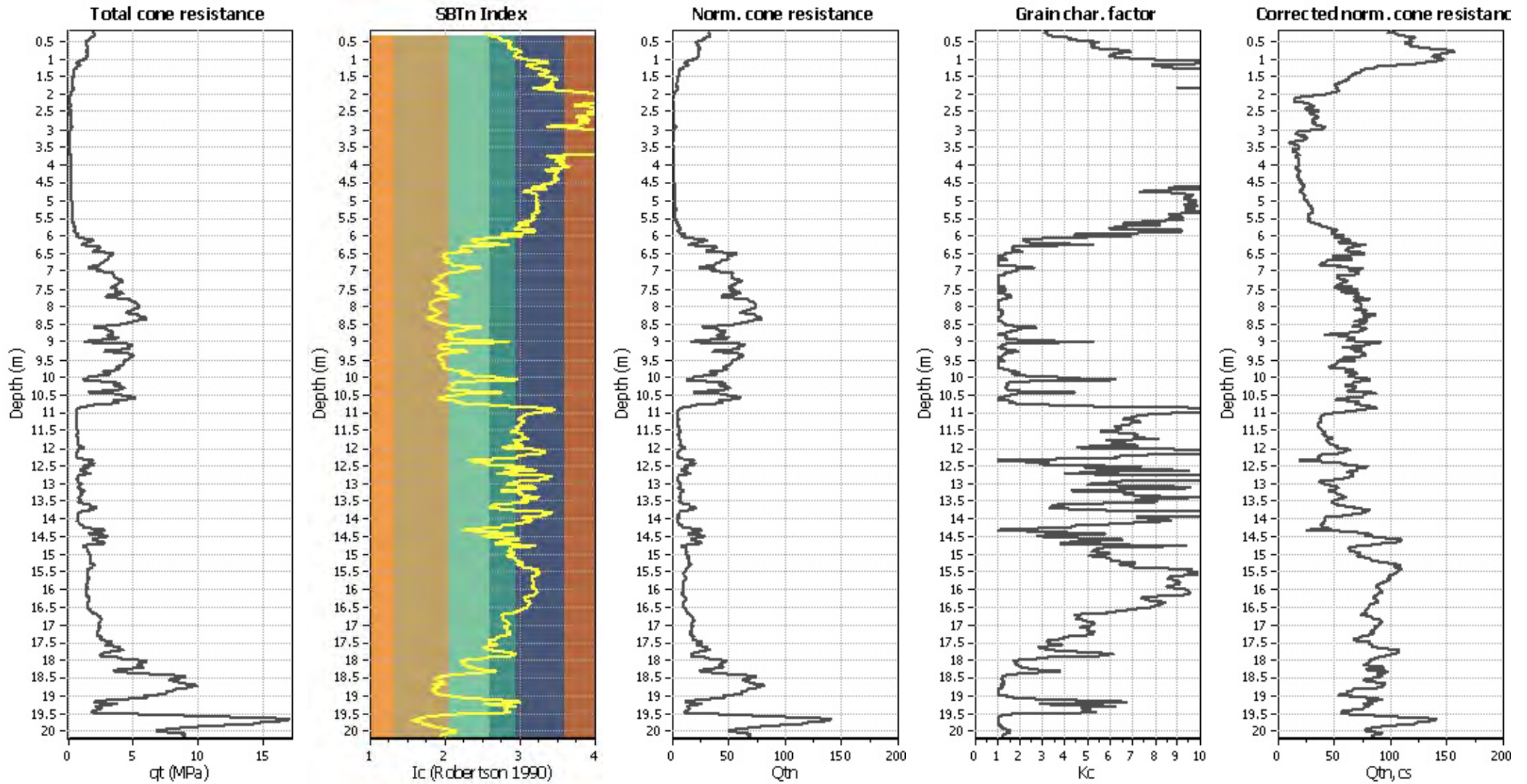
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

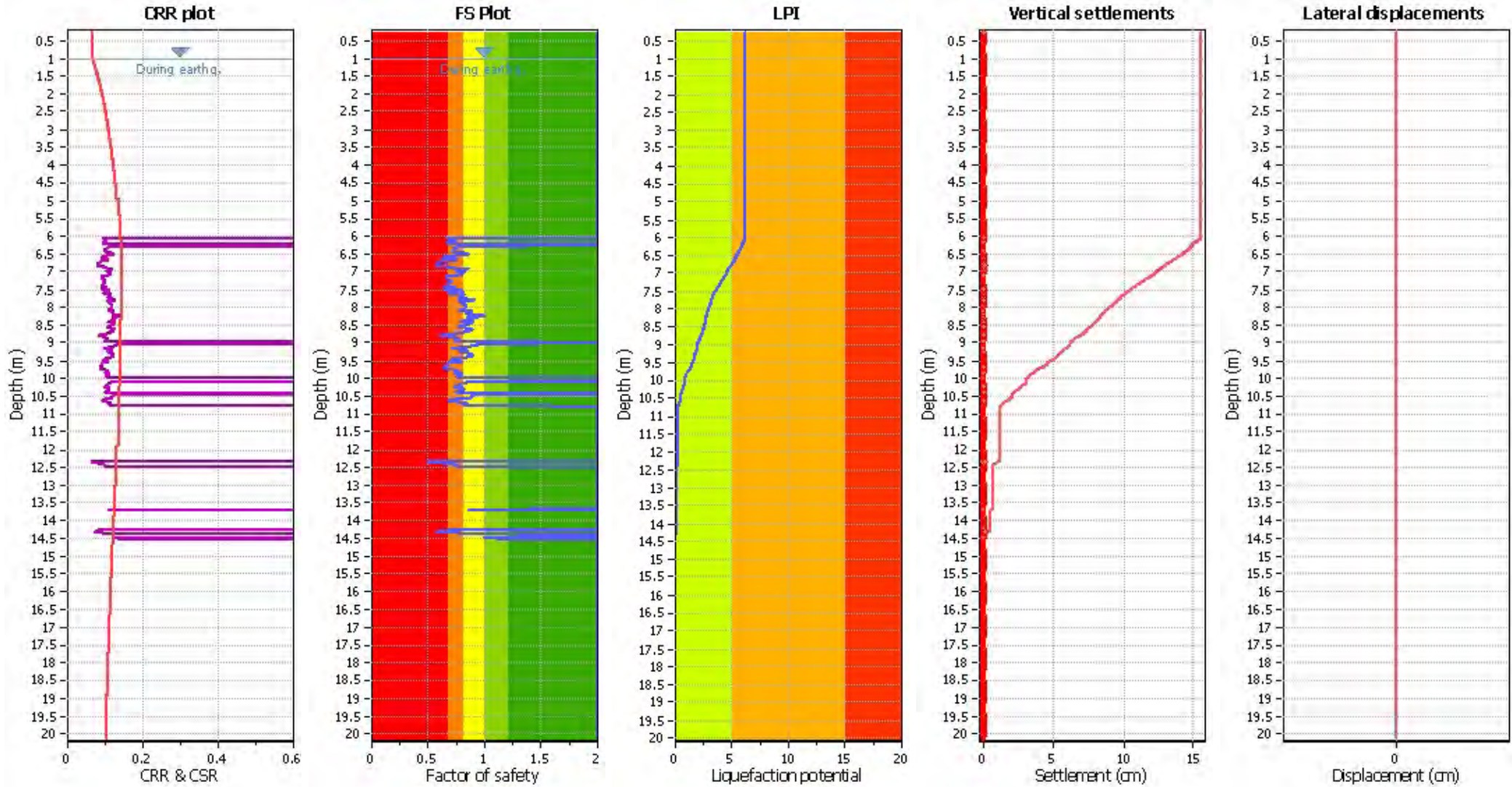
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

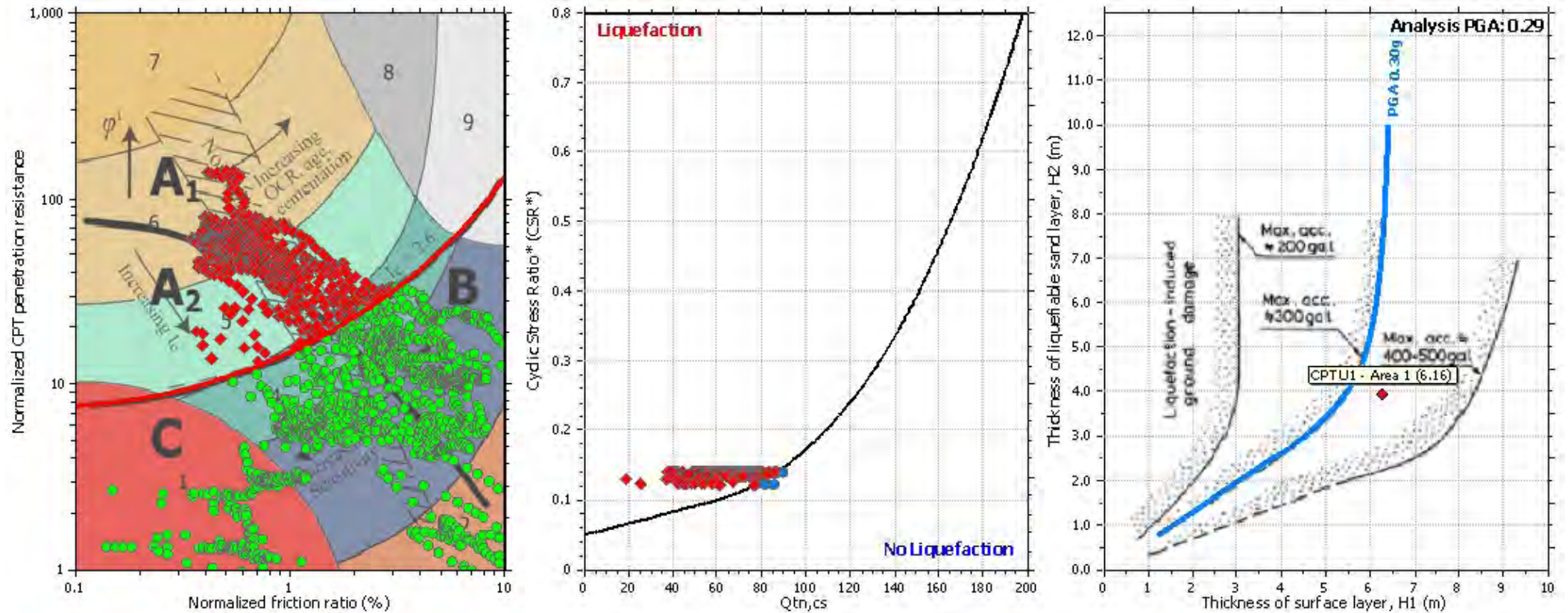
**F.S. color scheme**

- 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

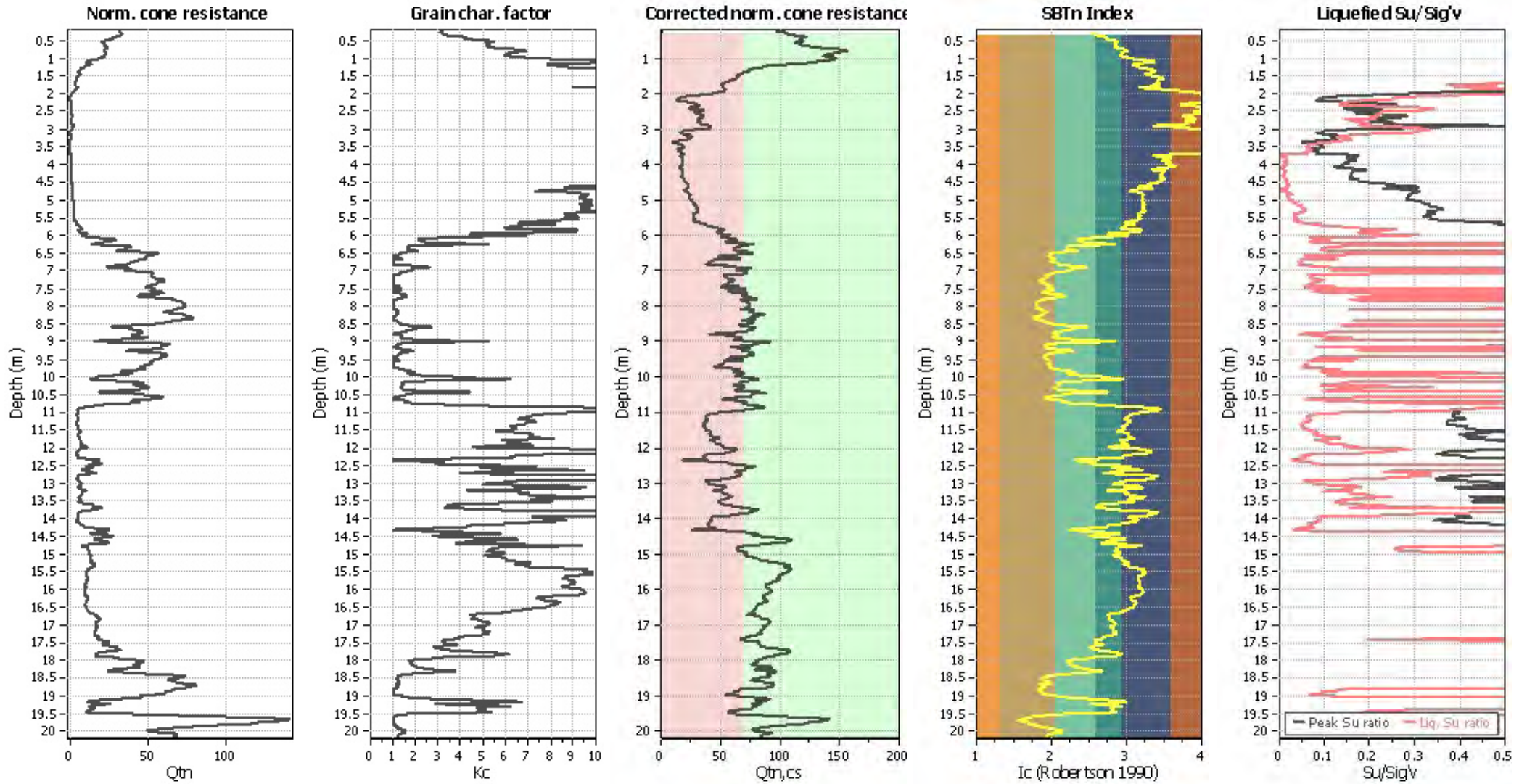
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	0.67	0.33	6.97	0.01	0.02
6.07	0.69	0.31	6.96	0.01	0.02	6.08	0.70	0.30	6.96	0.01	0.02
6.09	0.71	0.29	6.96	0.01	0.02	6.10	0.73	0.27	6.95	0.01	0.02
6.11	0.74	0.26	6.95	0.01	0.02	6.12	0.74	0.26	6.94	0.01	0.02
6.13	0.73	0.27	6.93	0.01	0.02	6.14	0.72	0.28	6.93	0.01	0.02
6.15	0.71	0.29	6.92	0.01	0.02	6.16	0.70	0.30	6.92	0.01	0.02
6.17	0.68	0.32	6.92	0.01	0.02	6.18	0.67	0.33	6.91	0.01	0.02
6.19	0.68	0.32	6.91	0.01	0.02	6.20	0.70	0.30	6.90	0.01	0.02
6.21	0.72	0.28	6.89	0.01	0.02	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	0.80	0.20	6.87	0.01	0.01	6.28	0.77	0.23	6.86	0.01	0.02
6.29	0.76	0.24	6.86	0.01	0.02	6.30	0.76	0.24	6.85	0.01	0.02
6.31	0.76	0.24	6.84	0.01	0.02	6.32	0.76	0.24	6.84	0.01	0.02
6.33	0.75	0.25	6.83	0.01	0.02	6.34	0.74	0.26	6.83	0.01	0.02
6.35	0.73	0.27	6.83	0.01	0.02	6.36	0.73	0.27	6.82	0.01	0.02
6.37	0.72	0.28	6.82	0.01	0.02	6.38	0.72	0.28	6.81	0.01	0.02
6.39	0.72	0.28	6.80	0.01	0.02	6.40	0.71	0.29	6.80	0.01	0.02
6.41	0.72	0.28	6.79	0.01	0.02	6.42	0.72	0.28	6.79	0.01	0.02
6.43	0.73	0.27	6.79	0.01	0.02	6.44	0.74	0.26	6.78	0.01	0.02
6.45	0.76	0.24	6.78	0.01	0.02	6.46	0.78	0.22	6.77	0.01	0.01
6.47	0.81	0.19	6.76	0.01	0.01	6.48	0.84	0.16	6.76	0.01	0.01
6.49	0.85	0.15	6.75	0.01	0.01	6.50	0.86	0.14	6.75	0.01	0.01
6.51	0.86	0.14	6.75	0.01	0.01	6.52	0.85	0.15	6.74	0.01	0.01
6.53	0.83	0.17	6.74	0.01	0.01	6.54	0.80	0.20	6.73	0.01	0.01
6.55	0.78	0.22	6.72	0.01	0.02	6.56	0.66	0.34	6.72	0.01	0.02
6.57	0.66	0.34	6.71	0.01	0.02	6.58	0.65	0.35	6.71	0.01	0.02
6.59	0.65	0.35	6.71	0.01	0.02	6.60	0.64	0.36	6.70	0.01	0.02
6.61	0.64	0.36	6.70	0.01	0.02	6.62	0.64	0.36	6.69	0.01	0.02
6.63	0.64	0.36	6.68	0.01	0.02	6.64	0.74	0.26	6.68	0.01	0.02
6.65	0.75	0.25	6.67	0.01	0.02	6.66	0.75	0.25	6.67	0.01	0.02
6.67	0.75	0.25	6.67	0.01	0.02	6.68	0.75	0.25	6.66	0.01	0.02
6.69	0.75	0.25	6.66	0.01	0.02	6.70	0.73	0.27	6.65	0.01	0.02
6.71	0.62	0.38	6.64	0.01	0.03	6.72	0.61	0.39	6.64	0.01	0.03
6.73	0.60	0.40	6.63	0.01	0.03	6.74	0.60	0.40	6.63	0.01	0.03
6.75	0.60	0.40	6.63	0.01	0.03	6.76	0.60	0.40	6.62	0.01	0.03
6.77	0.59	0.41	6.62	0.01	0.03	6.78	0.59	0.41	6.61	0.01	0.03
6.79	0.58	0.42	6.61	0.01	0.03	6.80	0.58	0.42	6.60	0.01	0.03
6.81	0.67	0.33	6.59	0.01	0.02	6.82	0.67	0.33	6.59	0.01	0.02
6.83	0.67	0.33	6.58	0.01	0.02	6.84	0.66	0.34	6.58	0.01	0.02
6.85	0.67	0.33	6.58	0.01	0.02	6.86	0.68	0.32	6.57	0.01	0.02
6.87	0.70	0.30	6.57	0.01	0.02	6.88	0.73	0.27	6.56	0.01	0.02
6.89	0.78	0.22	6.55	0.01	0.01	6.90	0.82	0.18	6.55	0.01	0.01
6.91	0.86	0.14	6.54	0.01	0.01	6.92	0.85	0.15	6.54	0.01	0.01
6.93	0.83	0.17	6.54	0.01	0.01	6.94	0.81	0.19	6.53	0.01	0.01
6.95	0.79	0.21	6.53	0.01	0.01	6.96	0.78	0.22	6.52	0.01	0.01
6.97	0.75	0.25	6.51	0.01	0.02	6.98	0.74	0.26	6.51	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.99	0.74	0.26	6.50	0.01	0.02	7.00	0.77	0.23	6.50	0.01	0.01
7.01	0.80	0.20	6.50	0.01	0.01	7.02	0.81	0.19	6.49	0.01	0.01
7.03	0.81	0.19	6.49	0.01	0.01	7.04	0.80	0.20	6.48	0.01	0.01
7.05	0.80	0.20	6.47	0.01	0.01	7.06	0.80	0.20	6.47	0.01	0.01
7.07	0.80	0.20	6.46	0.01	0.01	7.08	0.79	0.21	6.46	0.01	0.01
7.09	0.77	0.23	6.46	0.01	0.01	7.10	0.66	0.34	6.45	0.01	0.02
7.11	0.66	0.34	6.45	0.01	0.02	7.12	0.66	0.34	6.44	0.01	0.02
7.13	0.66	0.34	6.43	0.01	0.02	7.14	0.66	0.34	6.43	0.01	0.02
7.15	0.66	0.34	6.42	0.01	0.02	7.16	0.66	0.34	6.42	0.01	0.02
7.17	0.66	0.34	6.42	0.01	0.02	7.18	0.67	0.33	6.41	0.01	0.02
7.19	0.67	0.33	6.41	0.01	0.02	7.20	0.67	0.33	6.40	0.01	0.02
7.21	0.68	0.32	6.39	0.01	0.02	7.22	0.69	0.31	6.39	0.01	0.02
7.23	0.70	0.30	6.38	0.01	0.02	7.24	0.70	0.30	6.38	0.01	0.02
7.25	0.71	0.29	6.38	0.01	0.02	7.26	0.71	0.29	6.37	0.01	0.02
7.27	0.71	0.29	6.37	0.01	0.02	7.28	0.71	0.29	6.36	0.01	0.02
7.29	0.71	0.29	6.36	0.01	0.02	7.30	0.70	0.30	6.35	0.01	0.02
7.31	0.70	0.30	6.34	0.01	0.02	7.32	0.69	0.31	6.34	0.01	0.02
7.33	0.69	0.31	6.33	0.01	0.02	7.34	0.68	0.32	6.33	0.01	0.02
7.35	0.68	0.32	6.33	0.01	0.02	7.36	0.68	0.32	6.32	0.01	0.02
7.37	0.68	0.32	6.32	0.01	0.02	7.38	0.68	0.32	6.31	0.01	0.02
7.39	0.67	0.33	6.30	0.01	0.02	7.40	0.67	0.33	6.30	0.01	0.02
7.41	0.66	0.34	6.29	0.01	0.02	7.42	0.65	0.35	6.29	0.01	0.02
7.43	0.74	0.26	6.29	0.01	0.02	7.44	0.74	0.26	6.28	0.01	0.02
7.45	0.74	0.26	6.28	0.01	0.02	7.46	0.65	0.35	6.27	0.01	0.02
7.47	0.65	0.35	6.26	0.01	0.02	7.48	0.66	0.34	6.26	0.01	0.02
7.49	0.66	0.34	6.25	0.01	0.02	7.50	0.67	0.33	6.25	0.01	0.02
7.51	0.79	0.21	6.25	0.01	0.01	7.52	0.80	0.20	6.24	0.01	0.01
7.53	0.80	0.20	6.24	0.01	0.01	7.54	0.80	0.20	6.23	0.01	0.01
7.55	0.79	0.21	6.22	0.01	0.01	7.56	0.79	0.21	6.22	0.01	0.01
7.57	0.78	0.22	6.21	0.01	0.01	7.58	0.77	0.23	6.21	0.01	0.01
7.59	0.68	0.32	6.21	0.01	0.02	7.60	0.69	0.31	6.20	0.01	0.02
7.61	0.70	0.30	6.20	0.01	0.02	7.62	0.71	0.29	6.19	0.01	0.02
7.63	0.71	0.29	6.18	0.01	0.02	7.64	0.71	0.29	6.18	0.01	0.02
7.65	0.81	0.19	6.17	0.01	0.01	7.66	0.81	0.19	6.17	0.01	0.01
7.67	0.79	0.21	6.17	0.01	0.01	7.68	0.78	0.22	6.16	0.01	0.01
7.69	0.78	0.22	6.16	0.01	0.01	7.70	0.78	0.22	6.15	0.01	0.01
7.71	0.77	0.23	6.14	0.01	0.01	7.72	0.78	0.22	6.14	0.01	0.01
7.73	0.81	0.19	6.13	0.01	0.01	7.74	0.85	0.15	6.13	0.01	0.01
7.75	0.88	0.12	6.13	0.01	0.01	7.76	0.90	0.10	6.12	0.01	0.01
7.77	0.91	0.09	6.12	0.01	0.01	7.78	0.91	0.09	6.11	0.01	0.01
7.79	0.91	0.09	6.11	0.01	0.01	7.80	0.90	0.10	6.10	0.01	0.01
7.81	0.89	0.11	6.09	0.01	0.01	7.82	0.77	0.23	6.09	0.01	0.01
7.83	0.78	0.22	6.08	0.01	0.01	7.84	0.78	0.22	6.08	0.01	0.01
7.85	0.79	0.21	6.08	0.01	0.01	7.86	0.80	0.20	6.07	0.01	0.01
7.87	0.81	0.19	6.07	0.01	0.01	7.88	0.81	0.19	6.06	0.01	0.01
7.89	0.82	0.18	6.05	0.01	0.01	7.90	0.82	0.18	6.05	0.01	0.01
7.91	0.82	0.18	6.04	0.01	0.01	7.92	0.83	0.17	6.04	0.01	0.01
7.93	0.83	0.17	6.04	0.01	0.01	7.94	0.83	0.17	6.03	0.01	0.01



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.95	0.84	0.16	6.03	0.01	0.01	7.96	0.84	0.16	6.02	0.01	0.01
7.97	0.84	0.16	6.01	0.01	0.01	7.98	0.84	0.16	6.01	0.01	0.01
7.99	0.84	0.16	6.00	0.01	0.01	8.00	0.84	0.16	6.00	0.01	0.01
8.01	0.84	0.16	6.00	0.01	0.01	8.02	0.83	0.17	5.99	0.01	0.01
8.03	0.82	0.18	5.99	0.01	0.01	8.04	0.81	0.19	5.98	0.01	0.01
8.05	0.80	0.20	5.97	0.01	0.01	8.06	0.80	0.20	5.97	0.01	0.01
8.07	0.79	0.21	5.96	0.01	0.01	8.08	0.78	0.22	5.96	0.01	0.01
8.09	0.77	0.23	5.96	0.01	0.01	8.10	0.89	0.11	5.95	0.01	0.01
8.11	0.88	0.12	5.95	0.01	0.01	8.12	0.87	0.13	5.94	0.01	0.01
8.13	0.86	0.14	5.93	0.01	0.01	8.14	0.85	0.15	5.93	0.01	0.01
8.15	0.84	0.16	5.92	0.01	0.01	8.16	0.84	0.16	5.92	0.01	0.01
8.17	0.84	0.16	5.92	0.01	0.01	8.18	0.85	0.15	5.91	0.01	0.01
8.19	0.88	0.12	5.91	0.01	0.01	8.20	0.91	0.09	5.90	0.01	0.01
8.21	0.95	0.05	5.89	0.01	0.00	8.22	0.98	0.02	5.89	0.01	0.00
8.23	0.99	0.01	5.88	0.01	0.00	8.24	0.99	0.01	5.88	0.01	0.00
8.25	0.99	0.01	5.88	0.01	0.00	8.26	0.99	0.01	5.87	0.01	0.00
8.27	0.98	0.02	5.87	0.01	0.00	8.28	0.85	0.15	5.86	0.01	0.01
8.29	0.87	0.13	5.86	0.01	0.01	8.30	0.88	0.12	5.85	0.01	0.01
8.31	0.89	0.11	5.84	0.01	0.01	8.32	0.90	0.10	5.84	0.01	0.01
8.33	0.90	0.10	5.83	0.01	0.01	8.34	0.90	0.10	5.83	0.01	0.01
8.35	0.90	0.10	5.83	0.01	0.01	8.36	0.88	0.12	5.82	0.01	0.01
8.37	0.86	0.14	5.82	0.01	0.01	8.38	0.84	0.16	5.81	0.01	0.01
8.39	0.82	0.18	5.80	0.01	0.01	8.40	0.81	0.19	5.80	0.01	0.01
8.41	0.79	0.21	5.79	0.01	0.01	8.42	0.78	0.22	5.79	0.01	0.01
8.43	0.89	0.11	5.79	0.01	0.01	8.44	0.89	0.11	5.78	0.01	0.01
8.45	0.88	0.12	5.78	0.01	0.01	8.46	0.88	0.12	5.77	0.01	0.01
8.47	0.87	0.13	5.76	0.01	0.01	8.48	0.86	0.14	5.76	0.01	0.01
8.49	0.85	0.15	5.75	0.01	0.01	8.50	0.83	0.17	5.75	0.01	0.01
8.51	0.82	0.18	5.75	0.01	0.01	8.52	0.80	0.20	5.74	0.01	0.01
8.53	0.79	0.21	5.74	0.01	0.01	8.54	0.77	0.23	5.73	0.01	0.01
8.55	0.76	0.24	5.72	0.01	0.01	8.56	0.77	0.23	5.72	0.01	0.01
8.57	0.78	0.22	5.71	0.01	0.01	8.58	0.81	0.19	5.71	0.01	0.01
8.59	0.83	0.17	5.71	0.01	0.01	8.60	0.85	0.15	5.70	0.01	0.01
8.61	0.88	0.12	5.70	0.01	0.01	8.62	0.90	0.10	5.69	0.01	0.01
8.63	0.89	0.11	5.68	0.01	0.01	8.64	0.87	0.13	5.68	0.01	0.01
8.65	0.84	0.16	5.67	0.01	0.01	8.66	0.83	0.17	5.67	0.01	0.01
8.67	0.83	0.17	5.67	0.01	0.01	8.68	0.83	0.17	5.66	0.01	0.01
8.69	0.82	0.18	5.66	0.01	0.01	8.70	0.82	0.18	5.65	0.01	0.01
8.71	0.78	0.22	5.64	0.01	0.01	8.72	0.76	0.24	5.64	0.01	0.01
8.73	0.74	0.26	5.63	0.01	0.01	8.74	0.73	0.27	5.63	0.01	0.01
8.75	0.73	0.27	5.63	0.01	0.02	8.76	0.72	0.28	5.62	0.01	0.02
8.77	0.61	0.39	5.62	0.01	0.02	8.78	0.61	0.39	5.61	0.01	0.02
8.79	0.60	0.40	5.61	0.01	0.02	8.80	0.60	0.40	5.60	0.01	0.02
8.81	0.70	0.30	5.59	0.01	0.02	8.82	0.70	0.30	5.59	0.01	0.02
8.83	0.71	0.29	5.58	0.01	0.02	8.84	0.72	0.28	5.58	0.01	0.02
8.85	0.74	0.26	5.58	0.01	0.01	8.86	0.76	0.24	5.57	0.01	0.01
8.87	0.77	0.23	5.57	0.01	0.01	8.88	0.78	0.22	5.56	0.01	0.01
8.89	0.78	0.22	5.55	0.01	0.01	8.90	0.77	0.23	5.55	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.91	0.75	0.25	5.54	0.01	0.01	8.92	0.74	0.26	5.54	0.01	0.01
8.93	0.72	0.28	5.54	0.01	0.02	8.94	0.72	0.28	5.53	0.01	0.02
8.95	0.74	0.26	5.53	0.01	0.01	8.96	0.76	0.24	5.52	0.01	0.01
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	1.06	0.00	5.50	0.01	0.00	9.02	0.99	0.01	5.49	0.01	0.00
9.03	0.93	0.07	5.49	0.01	0.00	9.04	0.93	0.07	5.48	0.01	0.00
9.05	0.94	0.06	5.47	0.01	0.00	9.06	0.94	0.06	5.47	0.01	0.00
9.07	0.92	0.08	5.46	0.01	0.00	9.08	0.90	0.10	5.46	0.01	0.01
9.09	0.87	0.13	5.46	0.01	0.01	9.10	0.86	0.14	5.45	0.01	0.01
9.11	0.84	0.16	5.45	0.01	0.01	9.12	0.83	0.17	5.44	0.01	0.01
9.13	0.82	0.18	5.43	0.01	0.01	9.14	0.71	0.29	5.43	0.01	0.02
9.15	0.71	0.29	5.42	0.01	0.02	9.16	0.71	0.29	5.42	0.01	0.02
9.17	0.71	0.29	5.42	0.01	0.02	9.18	0.83	0.17	5.41	0.01	0.01
9.19	0.84	0.16	5.41	0.01	0.01	9.20	0.85	0.15	5.40	0.01	0.01
9.21	0.84	0.16	5.39	0.01	0.01	9.22	0.82	0.18	5.39	0.01	0.01
9.23	0.81	0.19	5.38	0.01	0.01	9.24	0.79	0.21	5.38	0.01	0.01
9.25	0.79	0.21	5.38	0.01	0.01	9.26	0.79	0.21	5.37	0.01	0.01
9.27	0.81	0.19	5.37	0.01	0.01	9.28	0.83	0.17	5.36	0.01	0.01
9.29	0.84	0.16	5.36	0.01	0.01	9.30	0.87	0.13	5.35	0.01	0.01
9.31	0.88	0.12	5.34	0.01	0.01	9.32	0.89	0.11	5.34	0.01	0.01
9.33	0.89	0.11	5.33	0.01	0.01	9.34	0.89	0.11	5.33	0.01	0.01
9.35	0.90	0.10	5.33	0.01	0.01	9.36	0.90	0.10	5.32	0.01	0.01
9.37	0.89	0.11	5.32	0.01	0.01	9.38	0.88	0.12	5.31	0.01	0.01
9.39	0.88	0.12	5.30	0.01	0.01	9.40	0.87	0.13	5.30	0.01	0.01
9.41	0.86	0.14	5.29	0.01	0.01	9.42	0.74	0.26	5.29	0.01	0.01
9.43	0.73	0.27	5.29	0.01	0.01	9.44	0.72	0.28	5.28	0.01	0.01
9.45	0.72	0.28	5.28	0.01	0.01	9.46	0.71	0.29	5.27	0.01	0.02
9.47	0.71	0.29	5.26	0.01	0.02	9.48	0.71	0.29	5.26	0.01	0.02
9.49	0.71	0.29	5.25	0.01	0.02	9.50	0.70	0.30	5.25	0.01	0.02
9.51	0.70	0.30	5.25	0.01	0.02	9.52	0.69	0.31	5.24	0.01	0.02
9.53	0.79	0.21	5.24	0.01	0.01	9.54	0.79	0.21	5.23	0.01	0.01
9.55	0.78	0.22	5.22	0.01	0.01	9.56	0.78	0.22	5.22	0.01	0.01
9.57	0.78	0.22	5.21	0.01	0.01	9.58	0.68	0.32	5.21	0.01	0.02
9.59	0.68	0.32	5.21	0.01	0.02	9.60	0.68	0.32	5.20	0.01	0.02
9.61	0.68	0.32	5.20	0.01	0.02	9.62	0.68	0.32	5.19	0.01	0.02
9.63	0.67	0.33	5.18	0.01	0.02	9.64	0.67	0.33	5.18	0.01	0.02
9.65	0.66	0.34	5.17	0.01	0.02	9.66	0.65	0.35	5.17	0.01	0.02
9.67	0.65	0.35	5.17	0.01	0.02	9.68	0.64	0.36	5.16	0.01	0.02
9.69	0.64	0.36	5.16	0.01	0.02	9.70	0.64	0.36	5.15	0.01	0.02
9.71	0.64	0.36	5.14	0.01	0.02	9.72	0.64	0.36	5.14	0.01	0.02
9.73	0.65	0.35	5.13	0.01	0.02	9.74	0.65	0.35	5.13	0.01	0.02
9.75	0.76	0.24	5.13	0.01	0.01	9.76	0.77	0.23	5.12	0.01	0.01
9.77	0.78	0.22	5.12	0.01	0.01	9.78	0.77	0.23	5.11	0.01	0.01
9.79	0.77	0.23	5.11	0.01	0.01	9.80	0.77	0.23	5.10	0.01	0.01
9.81	0.76	0.24	5.09	0.01	0.01	9.82	0.74	0.26	5.09	0.01	0.01
9.83	0.73	0.27	5.08	0.01	0.01	9.84	0.74	0.26	5.08	0.01	0.01
9.85	0.77	0.23	5.08	0.01	0.01	9.86	0.80	0.20	5.07	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.87	0.81	0.19	5.07	0.01	0.01	9.88	0.80	0.20	5.06	0.01	0.01
9.89	0.79	0.21	5.05	0.01	0.01	9.90	0.79	0.21	5.05	0.01	0.01
9.91	0.79	0.21	5.04	0.01	0.01	9.92	0.79	0.21	5.04	0.01	0.01
9.93	0.77	0.23	5.04	0.01	0.01	9.94	0.76	0.24	5.03	0.01	0.01
9.95	0.75	0.25	5.03	0.01	0.01	9.96	0.75	0.25	5.02	0.01	0.01
9.97	0.77	0.23	5.01	0.01	0.01	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	0.86	0.14	4.95	0.01	0.01	10.12	0.82	0.18	4.94	0.01	0.01
10.13	0.80	0.20	4.93	0.01	0.01	10.14	0.79	0.21	4.93	0.01	0.01
10.15	0.79	0.21	4.92	0.01	0.01	10.16	0.79	0.21	4.92	0.01	0.01
10.17	0.79	0.21	4.92	0.01	0.01	10.18	0.78	0.22	4.91	0.01	0.01
10.19	0.78	0.22	4.91	0.01	0.01	10.20	0.78	0.22	4.90	0.01	0.01
10.21	0.76	0.24	4.89	0.01	0.01	10.22	0.74	0.26	4.89	0.01	0.01
10.23	0.74	0.26	4.88	0.01	0.01	10.24	0.74	0.26	4.88	0.01	0.01
10.25	0.76	0.24	4.88	0.01	0.01	10.26	0.78	0.22	4.87	0.01	0.01
10.27	0.81	0.19	4.87	0.01	0.01	10.28	0.82	0.18	4.86	0.01	0.01
10.29	0.81	0.19	4.86	0.01	0.01	10.30	0.81	0.19	4.85	0.01	0.01
10.31	0.81	0.19	4.84	0.01	0.01	10.32	0.80	0.20	4.84	0.01	0.01
10.33	0.80	0.20	4.83	0.01	0.01	10.34	0.79	0.21	4.83	0.01	0.01
10.35	0.78	0.22	4.83	0.01	0.01	10.36	0.76	0.24	4.82	0.01	0.01
10.37	0.75	0.25	4.82	0.01	0.01	10.38	0.75	0.25	4.81	0.01	0.01
10.39	0.75	0.25	4.80	0.01	0.01	10.40	0.77	0.23	4.80	0.01	0.01
10.41	0.80	0.20	4.79	0.01	0.01	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	1.03	0.00	4.77	0.01	0.00
10.47	0.98	0.02	4.76	0.01	0.00	10.48	0.91	0.09	4.76	0.01	0.00
10.49	0.89	0.11	4.75	0.01	0.01	10.50	0.88	0.12	4.75	0.01	0.01
10.51	0.89	0.11	4.75	0.01	0.01	10.52	0.89	0.11	4.74	0.01	0.01
10.53	0.88	0.12	4.74	0.01	0.01	10.54	0.87	0.13	4.73	0.01	0.01
10.55	0.86	0.14	4.72	0.01	0.01	10.56	0.86	0.14	4.72	0.01	0.01
10.57	0.74	0.26	4.71	0.01	0.01	10.58	0.73	0.27	4.71	0.01	0.01
10.59	0.72	0.28	4.71	0.01	0.01	10.60	0.71	0.29	4.70	0.01	0.01
10.61	0.68	0.32	4.70	0.01	0.01	10.62	0.77	0.23	4.69	0.01	0.01
10.63	0.76	0.24	4.68	0.01	0.01	10.64	0.76	0.24	4.68	0.01	0.01
10.65	0.75	0.25	4.67	0.01	0.01	10.66	0.77	0.23	4.67	0.01	0.01
10.67	0.80	0.20	4.67	0.01	0.01	10.68	0.84	0.16	4.66	0.01	0.01
10.69	0.85	0.15	4.66	0.01	0.01	10.70	0.83	0.17	4.65	0.01	0.01
10.71	0.82	0.18	4.64	0.01	0.01	10.72	0.81	0.19	4.64	0.01	0.01
10.73	0.83	0.17	4.63	0.01	0.01	10.74	0.84	0.16	4.63	0.01	0.01
10.75	0.84	0.16	4.63	0.01	0.01	10.76	0.85	0.15	4.62	0.01	0.01
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	0.61	0.39	3.83	0.01	0.01	12.34	0.62	0.38	3.83	0.01	0.01
12.35	0.50	0.50	3.83	0.01	0.02	12.36	0.50	0.50	3.82	0.01	0.02
12.37	0.64	0.36	3.81	0.01	0.01	12.38	0.65	0.35	3.81	0.01	0.01
12.39	0.67	0.33	3.81	0.01	0.01	12.40	0.70	0.30	3.80	0.01	0.01
12.41	0.74	0.26	3.79	0.01	0.01	12.42	0.76	0.24	3.79	0.01	0.01
12.43	0.76	0.24	3.79	0.01	0.01	12.44	0.75	0.25	3.78	0.01	0.01
12.45	0.76	0.24	3.77	0.01	0.01	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	0.86	0.14	3.16	0.01	0.00
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.71	2.00	0.00	3.15	0.01	0.00	13.72	2.00	0.00	3.14	0.01	0.00
13.73	2.00	0.00	3.13	0.01	0.00	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	2.00	0.00	3.10	0.01	0.00
13.81	2.00	0.00	3.10	0.01	0.00	13.82	2.00	0.00	3.09	0.01	0.00
13.83	2.00	0.00	3.08	0.01	0.00	13.84	2.00	0.00	3.08	0.01	0.00
13.85	2.00	0.00	3.08	0.01	0.00	13.86	2.00	0.00	3.07	0.01	0.00
13.87	2.00	0.00	3.06	0.01	0.00	13.88	2.00	0.00	3.06	0.01	0.00
13.89	2.00	0.00	3.06	0.01	0.00	13.90	2.00	0.00	3.05	0.01	0.00
13.91	2.00	0.00	3.04	0.01	0.00	13.92	2.00	0.00	3.04	0.01	0.00
13.93	2.00	0.00	3.04	0.01	0.00	13.94	2.00	0.00	3.03	0.01	0.00
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	2.00	0.00	2.96	0.01	0.00	14.08	2.00	0.00	2.96	0.01	0.00
14.09	2.00	0.00	2.96	0.01	0.00	14.10	2.00	0.00	2.95	0.01	0.00
14.11	2.00	0.00	2.94	0.01	0.00	14.12	2.00	0.00	2.94	0.01	0.00
14.13	2.00	0.00	2.94	0.01	0.00	14.14	2.00	0.00	2.93	0.01	0.00
14.15	2.00	0.00	2.92	0.01	0.00	14.16	2.00	0.00	2.92	0.01	0.00
14.17	2.00	0.00	2.92	0.01	0.00	14.18	2.00	0.00	2.91	0.01	0.00
14.19	2.00	0.00	2.90	0.01	0.00	14.20	2.00	0.00	2.90	0.01	0.00
14.21	2.00	0.00	2.90	0.01	0.00	14.22	2.00	0.00	2.89	0.01	0.00
14.23	2.00	0.00	2.88	0.01	0.00	14.24	0.69	0.31	2.88	0.01	0.01
14.25	0.71	0.29	2.88	0.01	0.01	14.26	0.72	0.28	2.87	0.01	0.01
14.27	0.72	0.28	2.87	0.01	0.01	14.28	0.72	0.28	2.86	0.01	0.01
14.29	0.58	0.42	2.85	0.01	0.01	14.30	0.73	0.27	2.85	0.01	0.01
14.31	0.74	0.26	2.85	0.01	0.01	14.32	0.76	0.24	2.84	0.01	0.01
14.33	0.77	0.23	2.83	0.01	0.01	14.34	0.79	0.21	2.83	0.01	0.01
14.35	0.83	0.17	2.83	0.01	0.00	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	1.00	0.00	2.77	0.01	0.00
14.47	0.99	0.01	2.77	0.01	0.00	14.48	1.02	0.00	2.76	0.01	0.00
14.49	1.07	0.00	2.75	0.01	0.00	14.50	1.14	0.00	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00

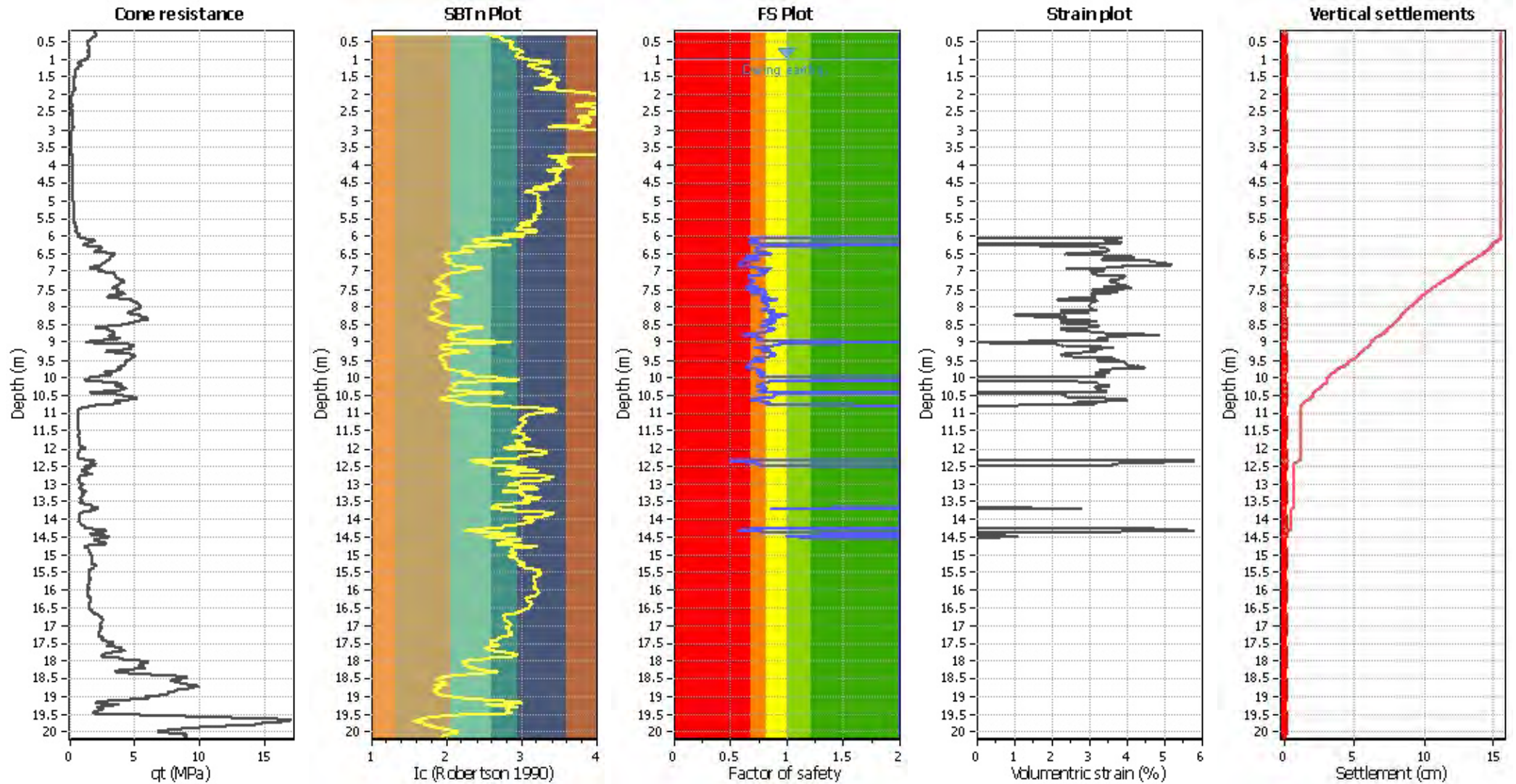
**Overall liquefaction potential: 6.16**

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<sub>L</sub>: 1 - FS  
 w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
 d<sub>z</sub>: Layer thickness (m)  
 LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- q<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

:: Post-earthquake settlement due to soil liquefaction ::											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	147.21	2.00	0.00	1.00	0.00	1.01	147.22	2.00	0.00	1.00	0.00
1.02	146.37	2.00	0.00	1.00	0.00	1.03	145.23	2.00	0.00	1.00	0.00
1.04	143.87	2.00	0.00	1.00	0.00	1.05	142.62	2.00	0.00	1.00	0.00
1.06	141.03	2.00	0.00	1.00	0.00	1.07	139.53	2.00	0.00	1.00	0.00
1.08	137.53	2.00	0.00	1.00	0.00	1.09	134.76	2.00	0.00	1.00	0.00
1.10	131.88	2.00	0.00	1.00	0.00	1.11	128.82	2.00	0.00	1.00	0.00
1.12	126.58	2.00	0.00	1.00	0.00	1.13	124.95	2.00	0.00	1.00	0.00
1.14	123.04	2.00	0.00	1.00	0.00	1.15	120.19	2.00	0.00	1.00	0.00
1.16	116.32	2.00	0.00	1.00	0.00	1.17	113.28	2.00	0.00	1.00	0.00
1.18	109.68	2.00	0.00	1.00	0.00	1.19	104.70	2.00	0.00	1.00	0.00
1.20	99.38	2.00	0.00	1.00	0.00	1.21	94.47	2.00	0.00	1.00	0.00
1.22	91.43	2.00	0.00	1.00	0.00	1.23	88.95	2.00	0.00	1.00	0.00
1.24	85.90	2.00	0.00	1.00	0.00	1.25	82.97	2.00	0.00	1.00	0.00
1.26	80.23	2.00	0.00	1.00	0.00	1.27	78.51	2.00	0.00	1.00	0.00
1.28	77.06	2.00	0.00	1.00	0.00	1.29	75.86	2.00	0.00	1.00	0.00
1.30	75.05	2.00	0.00	1.00	0.00	1.31	74.69	2.00	0.00	1.00	0.00
1.32	74.46	2.00	0.00	1.00	0.00	1.33	74.29	2.00	0.00	1.00	0.00
1.34	73.88	2.00	0.00	1.00	0.00	1.35	73.51	2.00	0.00	1.00	0.00
1.36	72.97	2.00	0.00	1.00	0.00	1.37	72.16	2.00	0.00	1.00	0.00
1.38	70.96	2.00	0.00	1.00	0.00	1.39	69.74	2.00	0.00	1.00	0.00
1.40	68.69	2.00	0.00	1.00	0.00	1.41	67.95	2.00	0.00	1.00	0.00
1.42	67.19	2.00	0.00	1.00	0.00	1.43	66.67	2.00	0.00	1.00	0.00
1.44	66.06	2.00	0.00	1.00	0.00	1.45	65.63	2.00	0.00	1.00	0.00
1.46	65.24	2.00	0.00	1.00	0.00	1.47	64.77	2.00	0.00	1.00	0.00
1.48	64.35	2.00	0.00	1.00	0.00	1.49	63.83	2.00	0.00	1.00	0.00
1.50	63.52	2.00	0.00	1.00	0.00	1.51	63.31	2.00	0.00	1.00	0.00
1.52	63.22	2.00	0.00	1.00	0.00	1.53	63.24	2.00	0.00	1.00	0.00
1.54	63.10	2.00	0.00	1.00	0.00	1.55	62.83	2.00	0.00	1.00	0.00
1.56	62.43	2.00	0.00	1.00	0.00	1.57	61.90	2.00	0.00	1.00	0.00
1.58	61.42	2.00	0.00	1.00	0.00	1.59	60.79	2.00	0.00	1.00	0.00
1.60	60.29	2.00	0.00	1.00	0.00	1.61	59.67	2.00	0.00	1.00	0.00
1.62	58.84	2.00	0.00	1.00	0.00	1.63	58.11	2.00	0.00	1.00	0.00
1.64	57.28	2.00	0.00	1.00	0.00	1.65	56.57	2.00	0.00	1.00	0.00
1.66	55.76	2.00	0.00	1.00	0.00	1.67	54.89	2.00	0.00	1.00	0.00
1.68	54.22	2.00	0.00	1.00	0.00	1.69	53.69	2.00	0.00	1.00	0.00
1.70	53.46	2.00	0.00	1.00	0.00	1.71	53.36	2.00	0.00	1.00	0.00
1.72	51.60	2.00	0.00	1.00	0.00	1.73	50.83	2.00	0.00	1.00	0.00
1.74	50.02	2.00	0.00	1.00	0.00	1.75	51.12	2.00	0.00	1.00	0.00
1.76	51.08	2.00	0.00	1.00	0.00	1.77	51.35	2.00	0.00	1.00	0.00
1.78	51.68	2.00	0.00	1.00	0.00	1.79	52.14	2.00	0.00	1.00	0.00
1.80	52.00	2.00	0.00	1.00	0.00	1.81	51.79	2.00	0.00	1.00	0.00
1.82	51.26	2.00	0.00	1.00	0.00	1.83	51.51	2.00	0.00	1.00	0.00
1.84	52.41	2.00	0.00	1.00	0.00	1.85	53.04	2.00	0.00	1.00	0.00
1.86	53.76	2.00	0.00	1.00	0.00	1.87	53.77	2.00	0.00	1.00	0.00
1.88	53.88	2.00	0.00	1.00	0.00	1.89	54.04	2.00	0.00	1.00	0.00
1.90	54.09	2.00	0.00	1.00	0.00	1.91	53.98	2.00	0.00	1.00	0.00
1.92	53.17	2.00	0.00	1.00	0.00	1.93	51.92	2.00	0.00	1.00	0.00
1.94	50.37	2.00	0.00	1.00	0.00	1.95	48.87	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	47.65	2.00	0.00	1.00	0.00	1.97	46.69	2.00	0.00	1.00	0.00
1.98	45.31	2.00	0.00	1.00	0.00	1.99	44.11	2.00	0.00	1.00	0.00
2.00	42.08	2.00	0.00	1.00	0.00	2.01	40.77	2.00	0.00	1.00	0.00
2.02	39.54	2.00	0.00	1.00	0.00	2.03	38.46	2.00	0.00	1.00	0.00
2.04	36.83	2.00	0.00	1.00	0.00	2.05	32.52	2.00	0.00	1.00	0.00
2.06	27.93	2.00	0.00	1.00	0.00	2.07	24.84	2.00	0.00	1.00	0.00
2.08	21.74	2.00	0.00	1.00	0.00	2.09	20.15	2.00	0.00	1.00	0.00
2.10	18.58	2.00	0.00	1.00	0.00	2.11	18.52	2.00	0.00	1.00	0.00
2.12	16.94	2.00	0.00	1.00	0.00	2.13	15.36	2.00	0.00	1.00	0.00
2.14	13.78	2.00	0.00	1.00	0.00	2.15	13.72	2.00	0.00	1.00	0.00
2.16	13.67	2.00	0.00	1.00	0.00	2.17	13.61	2.00	0.00	1.00	0.00
2.18	13.55	2.00	0.00	1.00	0.00	2.19	14.99	2.00	0.00	1.00	0.00
2.20	16.45	2.00	0.00	1.00	0.00	2.21	19.46	2.00	0.00	1.00	0.00
2.22	22.53	2.00	0.00	1.00	0.00	2.23	25.21	2.00	0.00	1.00	0.00
2.24	26.38	2.00	0.00	1.00	0.00	2.25	27.31	2.00	0.00	1.00	0.00
2.26	28.07	2.00	0.00	1.00	0.00	2.27	28.78	2.00	0.00	1.00	0.00
2.28	29.15	2.00	0.00	1.00	0.00	2.29	29.54	2.00	0.00	1.00	0.00
2.30	29.87	2.00	0.00	1.00	0.00	2.31	30.62	2.00	0.00	1.00	0.00
2.32	31.22	2.00	0.00	1.00	0.00	2.33	31.69	2.00	0.00	1.00	0.00
2.34	31.32	2.00	0.00	1.00	0.00	2.35	31.09	2.00	0.00	1.00	0.00
2.36	26.97	2.00	0.00	1.00	0.00	2.37	25.40	2.00	0.00	1.00	0.00
2.38	23.85	2.00	0.00	1.00	0.00	2.39	23.81	2.00	0.00	1.00	0.00
2.40	23.79	2.00	0.00	1.00	0.00	2.41	23.76	2.00	0.00	1.00	0.00
2.42	25.24	2.00	0.00	1.00	0.00	2.43	29.79	2.00	0.00	1.00	0.00
2.44	34.37	2.00	0.00	1.00	0.00	2.45	35.45	2.00	0.00	1.00	0.00
2.46	35.66	2.00	0.00	1.00	0.00	2.47	35.72	2.00	0.00	1.00	0.00
2.48	35.12	2.00	0.00	1.00	0.00	2.49	34.02	2.00	0.00	1.00	0.00
2.50	32.46	2.00	0.00	1.00	0.00	2.51	31.68	2.00	0.00	1.00	0.00
2.52	30.48	2.00	0.00	1.00	0.00	2.53	29.84	2.00	0.00	1.00	0.00
2.54	28.49	2.00	0.00	1.00	0.00	2.55	29.69	2.00	0.00	1.00	0.00
2.56	30.82	2.00	0.00	1.00	0.00	2.57	31.79	2.00	0.00	1.00	0.00
2.58	32.67	2.00	0.00	1.00	0.00	2.59	33.03	2.00	0.00	1.00	0.00
2.60	33.91	2.00	0.00	1.00	0.00	2.61	34.39	2.00	0.00	1.00	0.00
2.62	35.09	2.00	0.00	1.00	0.00	2.63	35.31	2.00	0.00	1.00	0.00
2.64	35.08	2.00	0.00	1.00	0.00	2.65	34.90	2.00	0.00	1.00	0.00
2.66	34.46	2.00	0.00	1.00	0.00	2.67	34.14	2.00	0.00	1.00	0.00
2.68	33.47	2.00	0.00	1.00	0.00	2.69	32.72	2.00	0.00	1.00	0.00
2.70	32.30	2.00	0.00	1.00	0.00	2.71	31.84	2.00	0.00	1.00	0.00
2.72	31.85	2.00	0.00	1.00	0.00	2.73	31.39	2.00	0.00	1.00	0.00
2.74	30.92	2.00	0.00	1.00	0.00	2.75	30.99	2.00	0.00	1.00	0.00
2.76	30.97	2.00	0.00	1.00	0.00	2.77	30.80	2.00	0.00	1.00	0.00
2.78	30.36	2.00	0.00	1.00	0.00	2.79	30.25	2.00	0.00	1.00	0.00
2.80	31.68	2.00	0.00	1.00	0.00	2.81	32.63	2.00	0.00	1.00	0.00
2.82	33.46	2.00	0.00	1.00	0.00	2.83	32.62	2.00	0.00	1.00	0.00
2.84	32.55	2.00	0.00	1.00	0.00	2.85	32.69	2.00	0.00	1.00	0.00
2.86	33.10	2.00	0.00	1.00	0.00	2.87	34.42	2.00	0.00	1.00	0.00
2.88	36.29	2.00	0.00	1.00	0.00	2.89	37.96	2.00	0.00	1.00	0.00
2.90	39.07	2.00	0.00	1.00	0.00	2.91	39.77	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	40.57	2.00	0.00	1.00	0.00	2.93	41.32	2.00	0.00	1.00	0.00
2.94	41.69	2.00	0.00	1.00	0.00	2.95	41.51	2.00	0.00	1.00	0.00
2.96	41.25	2.00	0.00	1.00	0.00	2.97	40.86	2.00	0.00	1.00	0.00
2.98	40.47	2.00	0.00	1.00	0.00	2.99	39.99	2.00	0.00	1.00	0.00
3.00	38.48	2.00	0.00	1.00	0.00	3.01	36.04	2.00	0.00	1.00	0.00
3.02	30.94	2.00	0.00	1.00	0.00	3.03	27.86	2.00	0.00	1.00	0.00
3.04	26.30	2.00	0.00	1.00	0.00	3.05	23.23	2.00	0.00	1.00	0.00
3.06	21.65	2.00	0.00	1.00	0.00	3.07	18.56	2.00	0.00	1.00	0.00
3.08	16.98	2.00	0.00	1.00	0.00	3.09	15.39	2.00	0.00	1.00	0.00
3.10	15.29	2.00	0.00	1.00	0.00	3.11	16.71	2.00	0.00	1.00	0.00
3.12	18.12	2.00	0.00	1.00	0.00	3.13	19.54	2.00	0.00	1.00	0.00
3.14	20.98	2.00	0.00	1.00	0.00	3.15	22.44	2.00	0.00	1.00	0.00
3.16	23.95	2.00	0.00	1.00	0.00	3.17	22.47	2.00	0.00	1.00	0.00
3.18	20.99	2.00	0.00	1.00	0.00	3.19	21.01	2.00	0.00	1.00	0.00
3.20	24.09	2.00	0.00	1.00	0.00	3.21	25.94	2.00	0.00	1.00	0.00
3.22	26.06	2.00	0.00	1.00	0.00	3.23	25.72	2.00	0.00	1.00	0.00
3.24	24.55	2.00	0.00	1.00	0.00	3.25	24.48	2.00	0.00	1.00	0.00
3.26	24.39	2.00	0.00	1.00	0.00	3.27	22.79	2.00	0.00	1.00	0.00
3.28	21.20	2.00	0.00	1.00	0.00	3.29	19.62	2.00	0.00	1.00	0.00
3.30	18.03	2.00	0.00	1.00	0.00	3.31	16.44	2.00	0.00	1.00	0.00
3.32	14.85	2.00	0.00	1.00	0.00	3.33	14.77	2.00	0.00	1.00	0.00
3.34	13.19	2.00	0.00	1.00	0.00	3.35	11.60	2.00	0.00	1.00	0.00
3.36	10.01	2.00	0.00	1.00	0.00	3.37	9.93	2.00	0.00	1.00	0.00
3.38	9.85	2.00	0.00	1.00	0.00	3.39	11.28	2.00	0.00	1.00	0.00
3.40	12.71	2.00	0.00	1.00	0.00	3.41	14.15	2.00	0.00	1.00	0.00
3.42	14.08	2.00	0.00	1.00	0.00	3.43	15.53	2.00	0.00	1.00	0.00
3.44	16.98	2.00	0.00	1.00	0.00	3.45	18.42	2.00	0.00	1.00	0.00
3.46	18.35	2.00	0.00	1.00	0.00	3.47	18.29	2.00	0.00	1.00	0.00
3.48	18.23	2.00	0.00	1.00	0.00	3.49	19.62	2.00	0.00	1.00	0.00
3.50	19.54	2.00	0.00	1.00	0.00	3.51	19.51	2.00	0.00	1.00	0.00
3.52	17.93	2.00	0.00	1.00	0.00	3.53	17.85	2.00	0.00	1.00	0.00
3.54	16.25	2.00	0.00	1.00	0.00	3.55	14.66	2.00	0.00	1.00	0.00
3.56	13.07	2.00	0.00	1.00	0.00	3.57	13.00	2.00	0.00	1.00	0.00
3.58	12.94	2.00	0.00	1.00	0.00	3.59	12.89	2.00	0.00	1.00	0.00
3.60	12.86	2.00	0.00	1.00	0.00	3.61	14.33	2.00	0.00	1.00	0.00
3.62	15.81	2.00	0.00	1.00	0.00	3.63	17.25	2.00	0.00	1.00	0.00
3.64	17.19	2.00	0.00	1.00	0.00	3.65	17.11	2.00	0.00	1.00	0.00
3.66	17.04	2.00	0.00	1.00	0.00	3.67	16.97	2.00	0.00	1.00	0.00
3.68	16.92	2.00	0.00	1.00	0.00	3.69	16.88	2.00	0.00	1.00	0.00
3.70	16.83	2.00	0.00	1.00	0.00	3.71	19.42	2.00	0.00	1.00	0.00
3.72	18.86	2.00	0.00	1.00	0.00	3.73	15.83	2.00	0.00	1.00	0.00
3.74	15.74	2.00	0.00	1.00	0.00	3.75	15.64	2.00	0.00	1.00	0.00
3.76	15.96	2.00	0.00	1.00	0.00	3.77	16.57	2.00	0.00	1.00	0.00
3.78	17.40	2.00	0.00	1.00	0.00	3.79	17.82	2.00	0.00	1.00	0.00
3.80	18.13	2.00	0.00	1.00	0.00	3.81	18.17	2.00	0.00	1.00	0.00
3.82	18.23	2.00	0.00	1.00	0.00	3.83	18.11	2.00	0.00	1.00	0.00
3.84	18.05	2.00	0.00	1.00	0.00	3.85	18.26	2.00	0.00	1.00	0.00
3.86	18.43	2.00	0.00	1.00	0.00	3.87	18.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
3.88	18.23	2.00	0.00	1.00	0.00	3.89	17.99	2.00	0.00	1.00	0.00
3.90	17.82	2.00	0.00	1.00	0.00	3.91	17.82	2.00	0.00	1.00	0.00
3.92	18.24	2.00	0.00	1.00	0.00	3.93	18.37	2.00	0.00	1.00	0.00
3.94	18.33	2.00	0.00	1.00	0.00	3.95	17.95	2.00	0.00	1.00	0.00
3.96	17.97	2.00	0.00	1.00	0.00	3.97	17.76	2.00	0.00	1.00	0.00
3.98	17.70	2.00	0.00	1.00	0.00	3.99	17.57	2.00	0.00	1.00	0.00
4.00	17.71	2.00	0.00	1.00	0.00	4.01	17.77	2.00	0.00	1.00	0.00
4.02	17.40	2.00	0.00	1.00	0.00	4.03	16.94	2.00	0.00	1.00	0.00
4.04	16.42	2.00	0.00	1.00	0.00	4.05	15.92	2.00	0.00	1.00	0.00
4.06	15.67	2.00	0.00	1.00	0.00	4.07	15.51	2.00	0.00	1.00	0.00
4.08	15.86	2.00	0.00	1.00	0.00	4.09	16.00	2.00	0.00	1.00	0.00
4.10	16.23	2.00	0.00	1.00	0.00	4.11	16.53	2.00	0.00	1.00	0.00
4.12	17.12	2.00	0.00	1.00	0.00	4.13	17.61	2.00	0.00	1.00	0.00
4.14	18.07	2.00	0.00	1.00	0.00	4.15	18.43	2.00	0.00	1.00	0.00
4.16	18.86	2.00	0.00	1.00	0.00	4.17	18.82	2.00	0.00	1.00	0.00
4.18	18.67	2.00	0.00	1.00	0.00	4.19	18.25	2.00	0.00	1.00	0.00
4.20	18.11	2.00	0.00	1.00	0.00	4.21	17.96	2.00	0.00	1.00	0.00
4.22	17.95	2.00	0.00	1.00	0.00	4.23	17.94	2.00	0.00	1.00	0.00
4.24	17.94	2.00	0.00	1.00	0.00	4.25	17.93	2.00	0.00	1.00	0.00
4.26	17.93	2.00	0.00	1.00	0.00	4.27	17.92	2.00	0.00	1.00	0.00
4.28	17.69	2.00	0.00	1.00	0.00	4.29	17.44	2.00	0.00	1.00	0.00
4.30	17.19	2.00	0.00	1.00	0.00	4.31	17.18	2.00	0.00	1.00	0.00
4.32	17.07	2.00	0.00	1.00	0.00	4.33	17.07	2.00	0.00	1.00	0.00
4.34	17.33	2.00	0.00	1.00	0.00	4.35	17.57	2.00	0.00	1.00	0.00
4.36	17.94	2.00	0.00	1.00	0.00	4.37	18.01	2.00	0.00	1.00	0.00
4.38	18.33	2.00	0.00	1.00	0.00	4.39	18.46	2.00	0.00	1.00	0.00
4.40	18.90	2.00	0.00	1.00	0.00	4.41	19.25	2.00	0.00	1.00	0.00
4.42	19.67	2.00	0.00	1.00	0.00	4.43	19.92	2.00	0.00	1.00	0.00
4.44	20.06	2.00	0.00	1.00	0.00	4.45	19.94	2.00	0.00	1.00	0.00
4.46	19.76	2.00	0.00	1.00	0.00	4.47	19.63	2.00	0.00	1.00	0.00
4.48	19.99	2.00	0.00	1.00	0.00	4.49	20.34	2.00	0.00	1.00	0.00
4.50	20.73	2.00	0.00	1.00	0.00	4.51	20.79	2.00	0.00	1.00	0.00
4.52	20.84	2.00	0.00	1.00	0.00	4.53	21.19	2.00	0.00	1.00	0.00
4.54	21.60	2.00	0.00	1.00	0.00	4.55	21.94	2.00	0.00	1.00	0.00
4.56	22.45	2.00	0.00	1.00	0.00	4.57	22.56	2.00	0.00	1.00	0.00
4.58	22.63	2.00	0.00	1.00	0.00	4.59	22.44	2.00	0.00	1.00	0.00
4.60	22.52	2.00	0.00	1.00	0.00	4.61	22.88	2.00	0.00	1.00	0.00
4.62	22.68	2.00	0.00	1.00	0.00	4.63	22.18	2.00	0.00	1.00	0.00
4.64	21.92	2.00	0.00	1.00	0.00	4.65	21.94	2.00	0.00	1.00	0.00
4.66	22.13	2.00	0.00	1.00	0.00	4.67	22.06	2.00	0.00	1.00	0.00
4.68	22.05	2.00	0.00	1.00	0.00	4.69	22.17	2.00	0.00	1.00	0.00
4.70	21.30	2.00	0.00	1.00	0.00	4.71	20.14	2.00	0.00	1.00	0.00
4.72	18.82	2.00	0.00	1.00	0.00	4.73	18.90	2.00	0.00	1.00	0.00
4.74	19.08	2.00	0.00	1.00	0.00	4.75	19.38	2.00	0.00	1.00	0.00
4.76	19.33	2.00	0.00	1.00	0.00	4.77	20.11	2.00	0.00	1.00	0.00
4.78	21.10	2.00	0.00	1.00	0.00	4.79	22.20	2.00	0.00	1.00	0.00
4.80	22.55	2.00	0.00	1.00	0.00	4.81	23.20	2.00	0.00	1.00	0.00
4.82	23.58	2.00	0.00	1.00	0.00	4.83	23.72	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	23.42	2.00	0.00	1.00	0.00	4.85	23.86	2.00	0.00	1.00	0.00
4.86	23.86	2.00	0.00	1.00	0.00	4.87	23.98	2.00	0.00	1.00	0.00
4.88	23.35	2.00	0.00	1.00	0.00	4.89	23.41	2.00	0.00	1.00	0.00
4.90	23.41	2.00	0.00	1.00	0.00	4.91	23.27	2.00	0.00	1.00	0.00
4.92	23.06	2.00	0.00	1.00	0.00	4.93	23.06	2.00	0.00	1.00	0.00
4.94	23.26	2.00	0.00	1.00	0.00	4.95	23.59	2.00	0.00	1.00	0.00
4.96	23.83	2.00	0.00	1.00	0.00	4.97	24.25	2.00	0.00	1.00	0.00
4.98	24.76	2.00	0.00	1.00	0.00	4.99	25.03	2.00	0.00	1.00	0.00
5.00	25.13	2.00	0.00	1.00	0.00	5.01	25.12	2.00	0.00	1.00	0.00
5.02	25.50	2.00	0.00	1.00	0.00	5.03	25.97	2.00	0.00	1.00	0.00
5.04	26.53	2.00	0.00	1.00	0.00	5.05	26.97	2.00	0.00	1.00	0.00
5.06	27.37	2.00	0.00	1.00	0.00	5.07	27.43	2.00	0.00	1.00	0.00
5.08	27.43	2.00	0.00	1.00	0.00	5.09	27.41	2.00	0.00	1.00	0.00
5.10	27.50	2.00	0.00	1.00	0.00	5.11	27.50	2.00	0.00	1.00	0.00
5.12	27.64	2.00	0.00	1.00	0.00	5.13	28.06	2.00	0.00	1.00	0.00
5.14	28.61	2.00	0.00	1.00	0.00	5.15	28.96	2.00	0.00	1.00	0.00
5.16	29.09	2.00	0.00	1.00	0.00	5.17	29.14	2.00	0.00	1.00	0.00
5.18	29.19	2.00	0.00	1.00	0.00	5.19	29.27	2.00	0.00	1.00	0.00
5.20	29.44	2.00	0.00	1.00	0.00	5.21	29.71	2.00	0.00	1.00	0.00
5.22	30.01	2.00	0.00	1.00	0.00	5.23	30.31	2.00	0.00	1.00	0.00
5.24	30.59	2.00	0.00	1.00	0.00	5.25	30.76	2.00	0.00	1.00	0.00
5.26	30.83	2.00	0.00	1.00	0.00	5.27	30.80	2.00	0.00	1.00	0.00
5.28	30.84	2.00	0.00	1.00	0.00	5.29	30.80	2.00	0.00	1.00	0.00
5.30	30.75	2.00	0.00	1.00	0.00	5.31	30.62	2.00	0.00	1.00	0.00
5.32	30.32	2.00	0.00	1.00	0.00	5.33	30.17	2.00	0.00	1.00	0.00
5.34	29.66	2.00	0.00	1.00	0.00	5.35	29.35	2.00	0.00	1.00	0.00
5.36	28.85	2.00	0.00	1.00	0.00	5.37	28.38	2.00	0.00	1.00	0.00
5.38	27.81	2.00	0.00	1.00	0.00	5.39	27.26	2.00	0.00	1.00	0.00
5.40	27.18	2.00	0.00	1.00	0.00	5.41	27.31	2.00	0.00	1.00	0.00
5.42	27.39	2.00	0.00	1.00	0.00	5.43	27.34	2.00	0.00	1.00	0.00
5.44	27.14	2.00	0.00	1.00	0.00	5.45	27.06	2.00	0.00	1.00	0.00
5.46	27.03	2.00	0.00	1.00	0.00	5.47	26.94	2.00	0.00	1.00	0.00
5.48	26.81	2.00	0.00	1.00	0.00	5.49	26.87	2.00	0.00	1.00	0.00
5.50	27.24	2.00	0.00	1.00	0.00	5.51	27.83	2.00	0.00	1.00	0.00
5.52	28.36	2.00	0.00	1.00	0.00	5.53	28.65	2.00	0.00	1.00	0.00
5.54	28.56	2.00	0.00	1.00	0.00	5.55	28.30	2.00	0.00	1.00	0.00
5.56	28.03	2.00	0.00	1.00	0.00	5.57	27.75	2.00	0.00	1.00	0.00
5.58	27.54	2.00	0.00	1.00	0.00	5.59	27.38	2.00	0.00	1.00	0.00
5.60	27.81	2.00	0.00	1.00	0.00	5.61	28.44	2.00	0.00	1.00	0.00
5.62	29.12	2.00	0.00	1.00	0.00	5.63	29.71	2.00	0.00	1.00	0.00
5.64	30.10	2.00	0.00	1.00	0.00	5.65	31.84	2.00	0.00	1.00	0.00
5.66	33.74	2.00	0.00	1.00	0.00	5.67	35.72	2.00	0.00	1.00	0.00
5.68	36.70	2.00	0.00	1.00	0.00	5.69	37.18	2.00	0.00	1.00	0.00
5.70	37.39	2.00	0.00	1.00	0.00	5.71	36.91	2.00	0.00	1.00	0.00
5.72	37.01	2.00	0.00	1.00	0.00	5.73	37.98	2.00	0.00	1.00	0.00
5.74	39.52	2.00	0.00	1.00	0.00	5.75	40.50	2.00	0.00	1.00	0.00
5.76	41.57	2.00	0.00	1.00	0.00	5.77	43.21	2.00	0.00	1.00	0.00
5.78	44.67	2.00	0.00	1.00	0.00	5.79	45.62	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	46.46	2.00	0.00	1.00	0.00	5.81	47.51	2.00	0.00	1.00	0.00
5.82	49.08	2.00	0.00	1.00	0.00	5.83	51.33	2.00	0.00	1.00	0.00
5.84	52.59	2.00	0.00	1.00	0.00	5.85	52.34	2.00	0.00	1.00	0.00
5.86	50.84	2.00	0.00	1.00	0.00	5.87	49.33	2.00	0.00	1.00	0.00
5.88	48.42	2.00	0.00	1.00	0.00	5.89	47.89	2.00	0.00	1.00	0.00
5.90	47.76	2.00	0.00	1.00	0.00	5.91	47.73	2.00	0.00	1.00	0.00
5.92	48.39	2.00	0.00	1.00	0.00	5.93	49.20	2.00	0.00	1.00	0.00
5.94	50.60	2.00	0.00	1.00	0.00	5.95	53.36	2.00	0.00	1.00	0.00
5.96	56.18	2.00	0.00	1.00	0.00	5.97	57.89	2.00	0.00	1.00	0.00
5.98	57.29	2.00	0.00	1.00	0.00	5.99	55.94	2.00	0.00	1.00	0.00
6.00	54.09	2.00	0.00	1.00	0.00	6.01	52.50	2.00	0.00	1.00	0.00
6.02	50.91	2.00	0.00	1.00	0.00	6.03	50.29	2.00	0.00	1.00	0.00
6.04	49.93	2.00	0.00	1.00	0.00	6.05	51.21	2.00	0.00	1.00	0.00
6.06	53.85	0.67	3.88	1.00	0.04	6.07	56.44	0.69	3.74	1.00	0.04
6.08	58.59	0.70	3.62	1.00	0.04	6.09	60.30	0.71	3.54	1.00	0.04
6.10	62.55	0.73	3.43	1.00	0.03	6.11	63.73	0.74	3.38	1.00	0.03
6.12	63.40	0.74	3.40	1.00	0.03	6.13	62.25	0.73	3.45	1.00	0.03
6.14	61.33	0.72	3.49	1.00	0.03	6.15	60.28	0.71	3.54	1.00	0.04
6.16	57.84	0.70	3.66	1.00	0.04	6.17	55.21	0.68	3.80	1.00	0.04
6.18	53.90	0.67	3.88	1.00	0.04	6.19	55.50	0.68	3.79	1.00	0.04
6.20	57.96	0.70	3.65	1.00	0.04	6.21	61.35	0.72	3.49	1.00	0.03
6.22	66.49	2.00	0.00	1.00	0.00	6.23	71.96	2.00	0.00	1.00	0.00
6.24	76.67	2.00	0.00	1.00	0.00	6.25	77.57	2.00	0.00	1.00	0.00
6.26	75.14	2.00	0.00	1.00	0.00	6.27	70.85	0.80	3.10	1.00	0.03
6.28	67.61	0.77	3.22	1.00	0.03	6.29	66.48	0.76	3.27	1.00	0.03
6.30	66.15	0.76	3.28	1.00	0.03	6.31	66.10	0.76	3.28	1.00	0.03
6.32	65.91	0.76	3.29	1.00	0.03	6.33	64.76	0.75	3.34	1.00	0.03
6.34	63.25	0.74	3.40	1.00	0.03	6.35	62.36	0.73	3.44	1.00	0.03
6.36	62.07	0.73	3.45	1.00	0.03	6.37	61.88	0.72	3.46	1.00	0.03
6.38	61.26	0.72	3.49	1.00	0.03	6.39	60.73	0.72	3.52	1.00	0.04
6.40	60.42	0.71	3.53	1.00	0.04	6.41	60.77	0.72	3.52	1.00	0.04
6.42	61.68	0.72	3.47	1.00	0.03	6.43	63.01	0.73	3.41	1.00	0.03
6.44	64.18	0.74	3.36	1.00	0.03	6.45	65.82	0.76	3.29	1.00	0.03
6.46	68.56	0.78	3.18	1.00	0.03	6.47	71.47	0.81	3.08	1.00	0.03
6.48	74.22	0.84	2.98	1.00	0.03	6.49	75.44	0.85	2.38	1.00	0.02
6.50	76.41	0.86	2.34	1.00	0.02	6.51	76.53	0.86	2.33	1.00	0.02
6.52	75.47	0.85	2.38	1.00	0.02	6.53	73.45	0.83	3.01	1.00	0.03
6.54	70.92	0.80	3.10	1.00	0.03	6.55	68.03	0.78	3.20	1.00	0.03
6.56	52.28	0.66	3.98	1.00	0.04	6.57	51.04	0.66	4.06	1.00	0.04
6.58	50.05	0.65	4.12	1.00	0.04	6.59	49.30	0.65	4.17	1.00	0.04
6.60	48.80	0.64	4.21	1.00	0.04	6.61	48.69	0.64	4.22	1.00	0.04
6.62	48.81	0.64	4.21	1.00	0.04	6.63	49.06	0.64	4.19	1.00	0.04
6.64	64.56	0.74	3.35	1.00	0.03	6.65	65.14	0.75	3.32	1.00	0.03
6.66	65.45	0.75	3.31	1.00	0.03	6.67	65.51	0.75	3.31	1.00	0.03
6.68	65.35	0.75	3.31	1.00	0.03	6.69	65.18	0.75	3.32	1.00	0.03
6.70	62.28	0.73	3.45	1.00	0.03	6.71	44.23	0.62	4.56	1.00	0.05
6.72	42.60	0.61	4.70	1.00	0.05	6.73	42.37	0.60	4.72	1.00	0.05
6.74	42.25	0.60	4.74	1.00	0.05	6.75	42.01	0.60	4.76	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	41.50	0.60	4.81	1.00	0.05	6.77	40.76	0.59	4.88	1.00	0.05
6.78	39.81	0.59	4.97	1.00	0.05	6.79	38.84	0.58	5.07	1.00	0.05
6.80	37.79	0.58	5.19	1.00	0.05	6.81	54.59	0.67	3.84	1.00	0.04
6.82	54.02	0.67	3.87	1.00	0.04	6.83	53.24	0.67	3.92	1.00	0.04
6.84	53.04	0.66	3.93	1.00	0.04	6.85	53.87	0.67	3.88	1.00	0.04
6.86	55.90	0.68	3.76	1.00	0.04	6.87	59.14	0.70	3.59	1.00	0.04
6.88	63.46	0.73	3.39	1.00	0.03	6.89	68.95	0.78	3.17	1.00	0.03
6.90	73.27	0.82	3.02	1.00	0.03	6.91	76.05	0.86	2.35	1.00	0.02
6.92	75.26	0.85	2.95	1.00	0.03	6.93	73.63	0.83	3.00	1.00	0.03
6.94	71.46	0.81	3.08	1.00	0.03	6.95	70.12	0.79	3.13	1.00	0.03
6.96	68.36	0.78	3.19	1.00	0.03	6.97	65.94	0.75	3.29	1.00	0.03
6.98	64.07	0.74	3.37	1.00	0.03	6.99	63.98	0.74	3.37	1.00	0.03
7.00	67.62	0.77	3.22	1.00	0.03	7.01	70.60	0.80	3.11	1.00	0.03
7.02	72.32	0.81	3.05	1.00	0.03	7.03	71.58	0.81	3.07	1.00	0.03
7.04	71.10	0.80	3.09	1.00	0.03	7.05	71.35	0.80	3.08	1.00	0.03
7.06	71.23	0.80	3.09	1.00	0.03	7.07	70.84	0.80	3.10	1.00	0.03
7.08	69.42	0.79	3.15	1.00	0.03	7.09	68.14	0.77	3.20	1.00	0.03
7.10	52.68	0.66	3.95	1.00	0.04	7.11	52.66	0.66	3.95	1.00	0.04
7.12	52.72	0.66	3.95	1.00	0.04	7.13	52.91	0.66	3.94	1.00	0.04
7.14	53.01	0.66	3.93	1.00	0.04	7.15	53.05	0.66	3.93	1.00	0.04
7.16	53.04	0.66	3.93	1.00	0.04	7.17	53.15	0.66	3.92	1.00	0.04
7.18	53.37	0.67	3.91	1.00	0.04	7.19	53.76	0.67	3.89	1.00	0.04
7.20	54.38	0.67	3.85	1.00	0.04	7.21	55.69	0.68	3.78	1.00	0.04
7.22	57.20	0.69	3.69	1.00	0.04	7.23	58.62	0.70	3.62	1.00	0.04
7.24	59.48	0.70	3.58	1.00	0.04	7.25	60.21	0.71	3.54	1.00	0.04
7.26	60.68	0.71	3.52	1.00	0.04	7.27	60.93	0.71	3.51	1.00	0.04
7.28	60.67	0.71	3.52	1.00	0.04	7.29	60.18	0.71	3.54	1.00	0.04
7.30	59.47	0.70	3.58	1.00	0.04	7.31	58.75	0.70	3.61	1.00	0.04
7.32	57.88	0.69	3.66	1.00	0.04	7.33	57.13	0.69	3.70	1.00	0.04
7.34	56.58	0.68	3.73	1.00	0.04	7.35	56.32	0.68	3.74	1.00	0.04
7.36	56.16	0.68	3.75	1.00	0.04	7.37	55.70	0.68	3.78	1.00	0.04
7.38	55.10	0.68	3.81	1.00	0.04	7.39	54.21	0.67	3.86	1.00	0.04
7.40	53.40	0.67	3.91	1.00	0.04	7.41	52.20	0.66	3.98	1.00	0.04
7.42	51.08	0.65	4.05	1.00	0.04	7.43	64.78	0.74	3.34	1.00	0.03
7.44	64.39	0.74	3.35	1.00	0.03	7.45	64.25	0.74	3.36	1.00	0.03
7.46	49.73	0.65	4.14	1.00	0.04	7.47	50.45	0.65	4.10	1.00	0.04
7.48	51.44	0.66	4.03	1.00	0.04	7.49	52.93	0.66	3.94	1.00	0.04
7.50	54.28	0.67	3.86	1.00	0.04	7.51	69.39	0.79	3.15	1.00	0.03
7.52	70.39	0.80	3.12	1.00	0.03	7.53	70.96	0.80	3.10	1.00	0.03
7.54	71.05	0.80	3.09	1.00	0.03	7.55	70.35	0.79	3.12	1.00	0.03
7.56	69.48	0.79	3.15	1.00	0.03	7.57	68.40	0.78	3.19	1.00	0.03
7.58	67.95	0.77	3.21	1.00	0.03	7.59	55.83	0.68	3.77	1.00	0.04
7.60	57.79	0.69	3.66	1.00	0.04	7.61	59.38	0.70	3.58	1.00	0.04
7.62	60.63	0.71	3.52	1.00	0.04	7.63	60.82	0.71	3.51	1.00	0.04
7.64	59.74	0.71	3.57	1.00	0.04	7.65	72.29	0.81	3.05	1.00	0.03
7.66	71.55	0.81	3.07	1.00	0.03	7.67	70.18	0.79	3.12	1.00	0.03
7.68	69.16	0.78	3.16	1.00	0.03	7.69	68.90	0.78	3.17	1.00	0.03
7.70	68.94	0.78	3.17	1.00	0.03	7.71	68.19	0.77	3.20	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
7.72	69.23	0.78	3.16	1.00	0.03	7.73	71.57	0.81	3.07	1.00	0.03
7.74	75.53	0.85	2.38	1.00	0.02	7.75	77.91	0.88	2.27	1.00	0.02
7.76	79.45	0.90	2.20	1.00	0.02	7.77	80.57	0.91	2.16	1.00	0.02
7.78	80.63	0.91	2.16	1.00	0.02	7.79	80.56	0.91	2.16	1.00	0.02
7.80	79.54	0.90	2.20	1.00	0.02	7.81	78.85	0.89	2.23	1.00	0.02
7.82	67.43	0.77	3.23	1.00	0.03	7.83	68.19	0.78	3.20	1.00	0.03
7.84	69.04	0.78	3.17	1.00	0.03	7.85	69.98	0.79	3.13	1.00	0.03
7.86	70.67	0.80	3.11	1.00	0.03	7.87	71.41	0.81	3.08	1.00	0.03
7.88	71.99	0.81	3.06	1.00	0.03	7.89	72.41	0.82	3.04	1.00	0.03
7.90	72.65	0.82	3.04	1.00	0.03	7.91	72.94	0.82	3.03	1.00	0.03
7.92	73.29	0.83	3.01	1.00	0.03	7.93	73.67	0.83	3.00	1.00	0.03
7.94	74.01	0.83	2.99	1.00	0.03	7.95	74.19	0.84	2.98	1.00	0.03
7.96	74.15	0.84	2.99	1.00	0.03	7.97	74.06	0.84	2.99	1.00	0.03
7.98	74.07	0.84	2.99	1.00	0.03	7.99	74.22	0.84	2.98	1.00	0.03
8.00	74.24	0.84	2.98	1.00	0.03	8.01	74.07	0.84	2.99	1.00	0.03
8.02	73.44	0.83	3.01	1.00	0.03	8.03	72.67	0.82	3.04	1.00	0.03
8.04	71.87	0.81	3.06	1.00	0.03	8.05	71.07	0.80	3.09	1.00	0.03
8.06	70.18	0.80	3.12	1.00	0.03	8.07	69.24	0.79	3.16	1.00	0.03
8.08	68.19	0.78	3.20	1.00	0.03	8.09	67.42	0.77	3.23	1.00	0.03
8.10	78.44	0.89	2.25	1.00	0.02	8.11	77.98	0.88	2.27	1.00	0.02
8.12	77.30	0.87	2.30	1.00	0.02	8.13	76.50	0.86	2.33	1.00	0.02
8.14	75.53	0.85	2.38	1.00	0.02	8.15	74.64	0.84	2.97	1.00	0.03
8.16	74.10	0.84	2.99	1.00	0.03	8.17	74.37	0.84	2.98	1.00	0.03
8.18	75.44	0.85	2.38	1.00	0.02	8.19	77.50	0.88	2.29	1.00	0.02
8.20	80.46	0.91	2.16	1.00	0.02	8.21	83.12	0.95	2.06	1.00	0.02
8.22	85.34	0.98	1.02	1.00	0.01	8.23	86.01	0.99	1.02	1.00	0.01
8.24	86.31	0.99	1.01	1.00	0.01	8.25	86.12	0.99	1.02	1.00	0.01
8.26	85.93	0.99	1.02	1.00	0.01	8.27	85.60	0.98	1.02	1.00	0.01
8.28	75.31	0.85	2.39	1.00	0.02	8.29	76.47	0.87	2.33	1.00	0.02
8.30	77.59	0.88	2.28	1.00	0.02	8.31	78.48	0.89	2.24	1.00	0.02
8.32	79.20	0.90	2.21	1.00	0.02	8.33	79.57	0.90	2.20	1.00	0.02
8.34	79.38	0.90	2.21	1.00	0.02	8.35	78.94	0.90	2.23	1.00	0.02
8.36	77.78	0.88	2.27	1.00	0.02	8.37	76.26	0.86	2.34	1.00	0.02
8.38	74.46	0.84	2.98	1.00	0.03	8.39	72.59	0.82	3.04	1.00	0.03
8.40	70.78	0.81	3.10	1.00	0.03	8.41	69.07	0.79	3.17	1.00	0.03
8.42	67.70	0.78	3.22	1.00	0.03	8.43	78.60	0.89	2.24	1.00	0.02
8.44	78.11	0.89	2.26	1.00	0.02	8.45	77.74	0.88	2.28	1.00	0.02
8.46	77.33	0.88	2.29	1.00	0.02	8.47	76.63	0.87	2.32	1.00	0.02
8.48	75.79	0.86	2.36	1.00	0.02	8.49	74.81	0.85	2.96	1.00	0.03
8.50	73.53	0.83	3.01	1.00	0.03	8.51	72.13	0.82	3.05	1.00	0.03
8.52	70.63	0.80	3.11	1.00	0.03	8.53	68.69	0.79	3.18	1.00	0.03
8.54	67.33	0.77	3.23	1.00	0.03	8.55	66.18	0.76	3.28	1.00	0.03
8.56	66.48	0.77	3.27	1.00	0.03	8.57	67.91	0.78	3.21	1.00	0.03
8.58	70.64	0.81	3.11	1.00	0.03	8.59	73.21	0.83	3.02	1.00	0.03
8.60	75.11	0.85	2.39	1.00	0.02	8.61	77.10	0.88	2.30	1.00	0.02
8.62	78.82	0.90	2.23	1.00	0.02	8.63	78.49	0.89	2.24	1.00	0.02
8.64	76.24	0.87	2.34	1.00	0.02	8.65	73.83	0.84	3.00	1.00	0.03
8.66	73.30	0.83	3.01	1.00	0.03	8.67	73.29	0.83	3.01	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	72.82	0.83	3.03	1.00	0.03	8.69	72.15	0.82	3.05	1.00	0.03
8.70	71.48	0.82	3.08	1.00	0.03	8.71	68.29	0.78	3.19	1.00	0.03
8.72	65.33	0.76	3.31	1.00	0.03	8.73	62.56	0.74	3.43	1.00	0.03
8.74	62.48	0.73	3.44	1.00	0.03	8.75	61.67	0.73	3.47	1.00	0.03
8.76	60.01	0.72	3.55	1.00	0.04	8.77	42.72	0.61	4.69	1.00	0.05
8.78	41.89	0.61	4.77	1.00	0.05	8.79	40.96	0.60	4.86	1.00	0.05
8.80	40.53	0.60	4.90	1.00	0.05	8.81	57.51	0.70	3.68	1.00	0.04
8.82	57.88	0.70	3.66	1.00	0.04	8.83	58.59	0.71	3.62	1.00	0.04
8.84	60.09	0.72	3.55	1.00	0.04	8.85	62.65	0.74	3.43	1.00	0.03
8.86	65.09	0.76	3.32	1.00	0.03	8.87	67.07	0.77	3.24	1.00	0.03
8.88	67.54	0.78	3.22	1.00	0.03	8.89	67.23	0.78	3.24	1.00	0.03
8.90	66.43	0.77	3.27	1.00	0.03	8.91	64.67	0.75	3.34	1.00	0.03
8.92	62.80	0.74	3.42	1.00	0.03	8.93	61.02	0.72	3.50	1.00	0.04
8.94	60.97	0.72	3.51	1.00	0.04	8.95	62.72	0.74	3.43	1.00	0.03
8.96	65.96	0.76	3.29	1.00	0.03	8.97	70.98	2.00	0.00	1.00	0.00
8.98	77.49	2.00	0.00	1.00	0.00	8.99	86.13	2.00	0.00	1.00	0.00
9.00	91.31	2.00	0.00	1.00	0.00	9.01	89.72	1.06	0.59	1.00	0.01
9.02	85.43	0.99	1.02	1.00	0.01	9.03	81.40	0.93	2.13	1.00	0.02
9.04	81.14	0.93	2.14	1.00	0.02	9.05	81.56	0.94	2.12	1.00	0.02
9.06	81.65	0.94	2.12	1.00	0.02	9.07	80.46	0.92	2.16	1.00	0.02
9.08	78.43	0.90	2.25	1.00	0.02	9.09	76.23	0.87	2.34	1.00	0.02
9.10	74.90	0.86	2.40	1.00	0.02	9.11	73.90	0.84	2.99	1.00	0.03
9.12	72.87	0.83	3.03	1.00	0.03	9.13	71.78	0.82	3.07	1.00	0.03
9.14	58.37	0.71	3.63	1.00	0.04	9.15	58.33	0.71	3.64	1.00	0.04
9.16	58.65	0.71	3.62	1.00	0.04	9.17	59.07	0.71	3.60	1.00	0.04
9.18	72.53	0.83	3.04	1.00	0.03	9.19	73.62	0.84	3.00	1.00	0.03
9.20	74.20	0.85	2.98	1.00	0.03	9.21	73.79	0.84	3.00	1.00	0.03
9.22	71.88	0.82	3.06	1.00	0.03	9.23	70.06	0.81	3.13	1.00	0.03
9.24	68.85	0.79	3.17	1.00	0.03	9.25	68.18	0.79	3.20	1.00	0.03
9.26	68.81	0.79	3.17	1.00	0.03	9.27	69.99	0.81	3.13	1.00	0.03
9.28	71.88	0.83	3.06	1.00	0.03	9.29	73.52	0.84	3.01	1.00	0.03
9.30	75.70	0.87	2.37	1.00	0.02	9.31	76.97	0.88	2.31	1.00	0.02
9.32	77.37	0.89	2.29	1.00	0.02	9.33	77.41	0.89	2.29	1.00	0.02
9.34	77.92	0.89	2.27	1.00	0.02	9.35	78.48	0.90	2.24	1.00	0.02
9.36	78.13	0.90	2.26	1.00	0.02	9.37	77.59	0.89	2.28	1.00	0.02
9.38	76.99	0.88	2.31	1.00	0.02	9.39	76.38	0.88	2.34	1.00	0.02
9.40	75.50	0.87	2.38	1.00	0.02	9.41	74.78	0.86	2.41	1.00	0.02
9.42	61.62	0.74	3.48	1.00	0.03	9.43	60.64	0.73	3.52	1.00	0.04
9.44	59.69	0.72	3.57	1.00	0.04	9.45	58.97	0.72	3.60	1.00	0.04
9.46	58.75	0.71	3.61	1.00	0.04	9.47	58.60	0.71	3.62	1.00	0.04
9.48	58.16	0.71	3.64	1.00	0.04	9.49	57.56	0.71	3.68	1.00	0.04
9.50	56.74	0.70	3.72	1.00	0.04	9.51	55.85	0.70	3.77	1.00	0.04
9.52	54.99	0.69	3.82	1.00	0.04	9.53	68.15	0.79	3.20	1.00	0.03
9.54	67.78	0.79	3.21	1.00	0.03	9.55	67.39	0.78	3.23	1.00	0.03
9.56	67.06	0.78	3.24	1.00	0.03	9.57	66.80	0.78	3.25	1.00	0.03
9.58	52.57	0.68	3.96	1.00	0.04	9.59	52.61	0.68	3.96	1.00	0.04
9.60	52.66	0.68	3.95	1.00	0.04	9.61	52.56	0.68	3.96	1.00	0.04
9.62	52.33	0.68	3.97	1.00	0.04	9.63	51.63	0.67	4.02	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	50.71	0.67	4.08	1.00	0.04	9.65	49.62	0.66	4.15	1.00	0.04
9.66	48.38	0.65	4.24	1.00	0.04	9.67	47.19	0.65	4.33	1.00	0.04
9.68	46.30	0.64	4.39	1.00	0.04	9.69	46.02	0.64	4.42	1.00	0.04
9.70	45.43	0.64	4.46	1.00	0.04	9.71	45.60	0.64	4.45	1.00	0.04
9.72	46.10	0.64	4.41	1.00	0.04	9.73	47.40	0.65	4.31	1.00	0.04
9.74	47.95	0.65	4.27	1.00	0.04	9.75	63.72	0.76	3.38	1.00	0.03
9.76	65.21	0.77	3.32	1.00	0.03	9.77	66.05	0.78	3.28	1.00	0.03
9.78	65.84	0.77	3.29	1.00	0.03	9.79	65.54	0.77	3.30	1.00	0.03
9.80	65.24	0.77	3.32	1.00	0.03	9.81	63.72	0.76	3.38	1.00	0.03
9.82	61.97	0.74	3.46	1.00	0.03	9.83	60.62	0.73	3.52	1.00	0.04
9.84	61.66	0.74	3.47	1.00	0.03	9.85	64.84	0.77	3.33	1.00	0.03
9.86	68.69	0.80	3.18	1.00	0.03	9.87	69.88	0.81	3.13	1.00	0.03
9.88	68.87	0.80	3.17	1.00	0.03	9.89	67.08	0.79	3.24	1.00	0.03
9.90	67.10	0.79	3.24	1.00	0.03	9.91	67.39	0.79	3.23	1.00	0.03
9.92	66.97	0.79	3.25	1.00	0.03	9.93	65.69	0.77	3.30	1.00	0.03
9.94	63.70	0.76	3.38	1.00	0.03	9.95	62.79	0.75	3.42	1.00	0.03
9.96	63.27	0.75	3.40	1.00	0.03	9.97	65.41	0.77	3.31	1.00	0.03
9.98	66.89	2.00	0.00	1.00	0.00	9.99	67.92	2.00	0.00	1.00	0.00
10.00	68.61	2.00	0.00	1.00	0.00	10.01	71.30	2.00	0.00	1.00	0.00
10.02	74.99	2.00	0.00	1.00	0.00	10.03	78.00	2.00	0.00	1.00	0.00
10.04	79.56	2.00	0.00	1.00	0.00	10.05	80.00	2.00	0.00	1.00	0.00
10.06	80.54	2.00	0.00	1.00	0.00	10.07	81.30	2.00	0.00	1.00	0.00
10.08	82.27	2.00	0.00	1.00	0.00	10.09	81.90	2.00	0.00	1.00	0.00
10.10	79.33	2.00	0.00	1.00	0.00	10.11	74.32	0.86	2.43	1.00	0.02
10.12	70.20	0.82	3.12	1.00	0.03	10.13	67.83	0.80	3.21	1.00	0.03
10.14	67.52	0.79	3.22	1.00	0.03	10.15	67.52	0.79	3.22	1.00	0.03
10.16	67.23	0.79	3.24	1.00	0.03	10.17	66.60	0.79	3.26	1.00	0.03
10.18	66.35	0.78	3.27	1.00	0.03	10.19	66.39	0.78	3.27	1.00	0.03
10.20	65.49	0.78	3.31	1.00	0.03	10.21	63.55	0.76	3.39	1.00	0.03
10.22	61.36	0.74	3.49	1.00	0.03	10.23	60.54	0.74	3.53	1.00	0.04
10.24	60.81	0.74	3.51	1.00	0.04	10.25	63.28	0.76	3.40	1.00	0.03
10.26	66.26	0.78	3.27	1.00	0.03	10.27	68.98	0.81	3.17	1.00	0.03
10.28	69.70	0.82	3.14	1.00	0.03	10.29	69.23	0.81	3.16	1.00	0.03
10.30	68.77	0.81	3.18	1.00	0.03	10.31	68.46	0.81	3.19	1.00	0.03
10.32	68.36	0.80	3.19	1.00	0.03	10.33	67.68	0.80	3.22	1.00	0.03
10.34	66.51	0.79	3.26	1.00	0.03	10.35	65.12	0.78	3.32	1.00	0.03
10.36	63.61	0.76	3.39	1.00	0.03	10.37	62.41	0.75	3.44	1.00	0.03
10.38	61.60	0.75	3.48	1.00	0.03	10.39	61.97	0.75	3.46	1.00	0.03
10.40	64.08	0.77	3.37	1.00	0.03	10.41	67.71	0.80	3.22	1.00	0.03
10.42	72.03	2.00	0.00	1.00	0.00	10.43	78.18	2.00	0.00	1.00	0.00
10.44	83.49	2.00	0.00	1.00	0.00	10.45	87.76	2.00	0.00	1.00	0.00
10.46	86.67	1.03	1.01	1.00	0.01	10.47	82.78	0.98	1.05	1.00	0.01
10.48	77.60	0.91	2.28	1.00	0.02	10.49	75.61	0.89	2.37	1.00	0.02
10.50	75.43	0.88	2.38	1.00	0.02	10.51	75.86	0.89	2.36	1.00	0.02
10.52	75.76	0.89	2.36	1.00	0.02	10.53	75.08	0.88	2.40	1.00	0.02
10.54	74.19	0.87	2.44	1.00	0.02	10.55	73.46	0.86	2.47	1.00	0.02
10.56	72.82	0.86	2.51	1.00	0.03	10.57	59.53	0.74	3.58	1.00	0.04
10.58	58.68	0.73	3.62	1.00	0.04	10.59	57.15	0.72	3.70	1.00	0.04



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	55.10	0.71	3.81	1.00	0.04	10.61	51.49	0.68	4.03	1.00	0.04
10.62	63.45	0.77	3.39	1.00	0.03	10.63	62.09	0.76	3.45	1.00	0.03
10.64	62.00	0.76	3.46	1.00	0.03	10.65	61.93	0.75	3.46	1.00	0.03
10.66	64.08	0.77	3.37	1.00	0.03	10.67	67.57	0.80	3.22	1.00	0.03
10.68	70.90	0.84	3.10	1.00	0.03	10.69	72.22	0.85	2.54	1.00	0.03
10.70	70.58	0.83	3.11	1.00	0.03	10.71	69.18	0.82	3.16	1.00	0.03
10.72	68.49	0.81	3.19	1.00	0.03	10.73	69.66	0.83	3.14	1.00	0.03
10.74	71.10	0.84	3.09	1.00	0.03	10.75	71.16	0.84	3.09	1.00	0.03
10.76	71.77	0.85	3.07	1.00	0.03	10.77	73.02	2.00	0.00	1.00	0.00
10.78	74.74	2.00	0.00	1.00	0.00	10.79	77.48	2.00	0.00	1.00	0.00
10.80	80.83	2.00	0.00	1.00	0.00	10.81	83.50	2.00	0.00	1.00	0.00
10.82	84.72	2.00	0.00	1.00	0.00	10.83	85.28	2.00	0.00	1.00	0.00
10.84	86.40	2.00	0.00	1.00	0.00	10.85	86.85	2.00	0.00	1.00	0.00
10.86	85.68	2.00	0.00	1.00	0.00	10.87	84.23	2.00	0.00	1.00	0.00
10.88	81.40	2.00	0.00	1.00	0.00	10.89	79.16	2.00	0.00	1.00	0.00
10.90	76.35	2.00	0.00	1.00	0.00	10.91	74.53	2.00	0.00	1.00	0.00
10.92	72.76	2.00	0.00	1.00	0.00	10.93	70.82	2.00	0.00	1.00	0.00
10.94	68.89	2.00	0.00	1.00	0.00	10.95	66.10	2.00	0.00	1.00	0.00
10.96	63.33	2.00	0.00	1.00	0.00	10.97	60.78	2.00	0.00	1.00	0.00
10.98	57.95	2.00	0.00	1.00	0.00	10.99	54.64	2.00	0.00	1.00	0.00
11.00	51.12	2.00	0.00	1.00	0.00	11.01	49.24	2.00	0.00	1.00	0.00
11.02	48.00	2.00	0.00	1.00	0.00	11.03	46.32	2.00	0.00	1.00	0.00
11.04	44.33	2.00	0.00	1.00	0.00	11.05	41.82	2.00	0.00	1.00	0.00
11.06	40.15	2.00	0.00	1.00	0.00	11.07	39.15	2.00	0.00	1.00	0.00
11.08	38.87	2.00	0.00	1.00	0.00	11.09	38.66	2.00	0.00	1.00	0.00
11.10	38.40	2.00	0.00	1.00	0.00	11.11	38.14	2.00	0.00	1.00	0.00
11.12	37.92	2.00	0.00	1.00	0.00	11.13	37.83	2.00	0.00	1.00	0.00
11.14	37.79	2.00	0.00	1.00	0.00	11.15	37.74	2.00	0.00	1.00	0.00
11.16	37.63	2.00	0.00	1.00	0.00	11.17	37.83	2.00	0.00	1.00	0.00
11.18	38.15	2.00	0.00	1.00	0.00	11.19	38.62	2.00	0.00	1.00	0.00
11.20	38.70	2.00	0.00	1.00	0.00	11.21	38.69	2.00	0.00	1.00	0.00
11.22	38.71	2.00	0.00	1.00	0.00	11.23	38.86	2.00	0.00	1.00	0.00
11.24	38.88	2.00	0.00	1.00	0.00	11.25	38.61	2.00	0.00	1.00	0.00
11.26	38.11	2.00	0.00	1.00	0.00	11.27	37.57	2.00	0.00	1.00	0.00
11.28	36.93	2.00	0.00	1.00	0.00	11.29	36.47	2.00	0.00	1.00	0.00
11.30	36.14	2.00	0.00	1.00	0.00	11.31	36.02	2.00	0.00	1.00	0.00
11.32	35.93	2.00	0.00	1.00	0.00	11.33	35.86	2.00	0.00	1.00	0.00
11.34	35.80	2.00	0.00	1.00	0.00	11.35	35.65	2.00	0.00	1.00	0.00
11.36	35.46	2.00	0.00	1.00	0.00	11.37	35.32	2.00	0.00	1.00	0.00
11.38	35.33	2.00	0.00	1.00	0.00	11.39	35.54	2.00	0.00	1.00	0.00
11.40	35.80	2.00	0.00	1.00	0.00	11.41	36.12	2.00	0.00	1.00	0.00
11.42	36.34	2.00	0.00	1.00	0.00	11.43	36.73	2.00	0.00	1.00	0.00
11.44	37.39	2.00	0.00	1.00	0.00	11.45	37.89	2.00	0.00	1.00	0.00
11.46	38.16	2.00	0.00	1.00	0.00	11.47	38.18	2.00	0.00	1.00	0.00
11.48	38.45	2.00	0.00	1.00	0.00	11.49	38.95	2.00	0.00	1.00	0.00
11.50	39.51	2.00	0.00	1.00	0.00	11.51	39.91	2.00	0.00	1.00	0.00
11.52	40.43	2.00	0.00	1.00	0.00	11.53	40.95	2.00	0.00	1.00	0.00
11.54	41.44	2.00	0.00	1.00	0.00	11.55	41.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
11.56	41.64	2.00	0.00	1.00	0.00	11.57	41.67	2.00	0.00	1.00	0.00
11.58	41.49	2.00	0.00	1.00	0.00	11.59	41.20	2.00	0.00	1.00	0.00
11.60	40.76	2.00	0.00	1.00	0.00	11.61	40.37	2.00	0.00	1.00	0.00
11.62	40.62	2.00	0.00	1.00	0.00	11.63	41.25	2.00	0.00	1.00	0.00
11.64	42.05	2.00	0.00	1.00	0.00	11.65	42.72	2.00	0.00	1.00	0.00
11.66	43.20	2.00	0.00	1.00	0.00	11.67	43.49	2.00	0.00	1.00	0.00
11.68	43.60	2.00	0.00	1.00	0.00	11.69	45.30	2.00	0.00	1.00	0.00
11.70	47.07	2.00	0.00	1.00	0.00	11.71	48.52	2.00	0.00	1.00	0.00
11.72	47.93	2.00	0.00	1.00	0.00	11.73	47.57	2.00	0.00	1.00	0.00
11.74	47.19	2.00	0.00	1.00	0.00	11.75	45.87	2.00	0.00	1.00	0.00
11.76	43.74	2.00	0.00	1.00	0.00	11.77	41.76	2.00	0.00	1.00	0.00
11.78	41.74	2.00	0.00	1.00	0.00	11.79	42.51	2.00	0.00	1.00	0.00
11.80	43.79	2.00	0.00	1.00	0.00	11.81	44.92	2.00	0.00	1.00	0.00
11.82	45.30	2.00	0.00	1.00	0.00	11.83	45.22	2.00	0.00	1.00	0.00
11.84	45.01	2.00	0.00	1.00	0.00	11.85	44.81	2.00	0.00	1.00	0.00
11.86	44.98	2.00	0.00	1.00	0.00	11.87	45.33	2.00	0.00	1.00	0.00
11.88	46.08	2.00	0.00	1.00	0.00	11.89	46.22	2.00	0.00	1.00	0.00
11.90	47.23	2.00	0.00	1.00	0.00	11.91	49.21	2.00	0.00	1.00	0.00
11.92	51.15	2.00	0.00	1.00	0.00	11.93	52.20	2.00	0.00	1.00	0.00
11.94	51.62	2.00	0.00	1.00	0.00	11.95	50.87	2.00	0.00	1.00	0.00
11.96	50.97	2.00	0.00	1.00	0.00	11.97	52.21	2.00	0.00	1.00	0.00
11.98	53.00	2.00	0.00	1.00	0.00	11.99	52.75	2.00	0.00	1.00	0.00
12.00	52.98	2.00	0.00	1.00	0.00	12.01	54.74	2.00	0.00	1.00	0.00
12.02	58.95	2.00	0.00	1.00	0.00	12.03	61.65	2.00	0.00	1.00	0.00
12.04	63.68	2.00	0.00	1.00	0.00	12.05	63.38	2.00	0.00	1.00	0.00
12.06	62.74	2.00	0.00	1.00	0.00	12.07	61.36	2.00	0.00	1.00	0.00
12.08	60.80	2.00	0.00	1.00	0.00	12.09	60.60	2.00	0.00	1.00	0.00
12.10	59.78	2.00	0.00	1.00	0.00	12.11	58.82	2.00	0.00	1.00	0.00
12.12	57.61	2.00	0.00	1.00	0.00	12.13	57.09	2.00	0.00	1.00	0.00
12.14	56.07	2.00	0.00	1.00	0.00	12.15	53.21	2.00	0.00	1.00	0.00
12.16	49.43	2.00	0.00	1.00	0.00	12.17	45.01	2.00	0.00	1.00	0.00
12.18	42.39	2.00	0.00	1.00	0.00	12.19	40.22	2.00	0.00	1.00	0.00
12.20	38.81	2.00	0.00	1.00	0.00	12.21	38.23	2.00	0.00	1.00	0.00
12.22	38.15	2.00	0.00	1.00	0.00	12.23	37.51	2.00	0.00	1.00	0.00
12.24	36.35	2.00	0.00	1.00	0.00	12.25	35.38	2.00	0.00	1.00	0.00
12.26	35.44	2.00	0.00	1.00	0.00	12.27	36.06	2.00	0.00	1.00	0.00
12.28	36.65	2.00	0.00	1.00	0.00	12.29	36.97	2.00	0.00	1.00	0.00
12.30	36.87	2.00	0.00	1.00	0.00	12.31	36.83	2.00	0.00	1.00	0.00
12.32	36.68	2.00	0.00	1.00	0.00	12.33	36.83	0.61	5.30	1.00	0.05
12.34	37.69	0.62	5.20	1.00	0.05	12.35	19.03	0.50	5.80	1.00	0.06
12.36	18.84	0.50	5.80	1.00	0.06	12.37	40.32	0.64	4.92	1.00	0.05
12.38	42.31	0.65	4.73	1.00	0.05	12.39	45.07	0.67	4.49	1.00	0.04
12.40	51.15	0.70	4.05	1.00	0.04	12.41	56.20	0.74	3.75	1.00	0.04
12.42	59.63	0.76	3.57	1.00	0.04	12.43	59.16	0.76	3.59	1.00	0.04
12.44	58.27	0.75	3.64	1.00	0.04	12.45	59.30	0.76	3.59	1.00	0.04
12.46	61.27	2.00	0.00	1.00	0.00	12.47	63.81	2.00	0.00	1.00	0.00
12.48	67.30	2.00	0.00	1.00	0.00	12.49	71.51	2.00	0.00	1.00	0.00
12.50	76.40	2.00	0.00	1.00	0.00	12.51	78.92	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	79.17	2.00	0.00	1.00	0.00	12.53	76.69	2.00	0.00	1.00	0.00
12.54	73.31	2.00	0.00	1.00	0.00	12.55	71.21	2.00	0.00	1.00	0.00
12.56	70.26	2.00	0.00	1.00	0.00	12.57	70.41	2.00	0.00	1.00	0.00
12.58	70.36	2.00	0.00	1.00	0.00	12.59	70.28	2.00	0.00	1.00	0.00
12.60	70.46	2.00	0.00	1.00	0.00	12.61	70.37	2.00	0.00	1.00	0.00
12.62	69.67	2.00	0.00	1.00	0.00	12.63	68.29	2.00	0.00	1.00	0.00
12.64	66.42	2.00	0.00	1.00	0.00	12.65	63.95	2.00	0.00	1.00	0.00
12.66	62.75	2.00	0.00	1.00	0.00	12.67	62.15	2.00	0.00	1.00	0.00
12.68	62.96	2.00	0.00	1.00	0.00	12.69	64.97	2.00	0.00	1.00	0.00
12.70	65.86	2.00	0.00	1.00	0.00	12.71	66.60	2.00	0.00	1.00	0.00
12.72	66.43	2.00	0.00	1.00	0.00	12.73	66.83	2.00	0.00	1.00	0.00
12.74	66.84	2.00	0.00	1.00	0.00	12.75	66.98	2.00	0.00	1.00	0.00
12.76	66.84	2.00	0.00	1.00	0.00	12.77	66.53	2.00	0.00	1.00	0.00
12.78	66.38	2.00	0.00	1.00	0.00	12.79	65.73	2.00	0.00	1.00	0.00
12.80	65.23	2.00	0.00	1.00	0.00	12.81	64.18	2.00	0.00	1.00	0.00
12.82	62.71	2.00	0.00	1.00	0.00	12.83	61.18	2.00	0.00	1.00	0.00
12.84	59.76	2.00	0.00	1.00	0.00	12.85	58.64	2.00	0.00	1.00	0.00
12.86	57.59	2.00	0.00	1.00	0.00	12.87	56.30	2.00	0.00	1.00	0.00
12.88	53.91	2.00	0.00	1.00	0.00	12.89	51.84	2.00	0.00	1.00	0.00
12.90	47.64	2.00	0.00	1.00	0.00	12.91	44.04	2.00	0.00	1.00	0.00
12.92	39.06	2.00	0.00	1.00	0.00	12.93	37.73	2.00	0.00	1.00	0.00
12.94	37.42	2.00	0.00	1.00	0.00	12.95	37.85	2.00	0.00	1.00	0.00
12.96	38.62	2.00	0.00	1.00	0.00	12.97	39.47	2.00	0.00	1.00	0.00
12.98	40.35	2.00	0.00	1.00	0.00	12.99	40.63	2.00	0.00	1.00	0.00
13.00	40.85	2.00	0.00	1.00	0.00	13.01	40.84	2.00	0.00	1.00	0.00
13.02	40.84	2.00	0.00	1.00	0.00	13.03	42.04	2.00	0.00	1.00	0.00
13.04	43.62	2.00	0.00	1.00	0.00	13.05	45.24	2.00	0.00	1.00	0.00
13.06	47.55	2.00	0.00	1.00	0.00	13.07	49.88	2.00	0.00	1.00	0.00
13.08	51.90	2.00	0.00	1.00	0.00	13.09	52.49	2.00	0.00	1.00	0.00
13.10	53.12	2.00	0.00	1.00	0.00	13.11	53.41	2.00	0.00	1.00	0.00
13.12	53.17	2.00	0.00	1.00	0.00	13.13	52.42	2.00	0.00	1.00	0.00
13.14	51.89	2.00	0.00	1.00	0.00	13.15	51.87	2.00	0.00	1.00	0.00
13.16	51.72	2.00	0.00	1.00	0.00	13.17	51.39	2.00	0.00	1.00	0.00
13.18	50.75	2.00	0.00	1.00	0.00	13.19	49.57	2.00	0.00	1.00	0.00
13.20	47.38	2.00	0.00	1.00	0.00	13.21	45.69	2.00	0.00	1.00	0.00
13.22	44.39	2.00	0.00	1.00	0.00	13.23	45.84	2.00	0.00	1.00	0.00
13.24	46.97	2.00	0.00	1.00	0.00	13.25	49.77	2.00	0.00	1.00	0.00
13.26	51.15	2.00	0.00	1.00	0.00	13.27	52.56	2.00	0.00	1.00	0.00
13.28	52.53	2.00	0.00	1.00	0.00	13.29	52.91	2.00	0.00	1.00	0.00
13.30	54.13	2.00	0.00	1.00	0.00	13.31	55.82	2.00	0.00	1.00	0.00
13.32	56.89	2.00	0.00	1.00	0.00	13.33	57.39	2.00	0.00	1.00	0.00
13.34	57.61	2.00	0.00	1.00	0.00	13.35	58.54	2.00	0.00	1.00	0.00
13.36	59.53	2.00	0.00	1.00	0.00	13.37	60.12	2.00	0.00	1.00	0.00
13.38	59.11	2.00	0.00	1.00	0.00	13.39	57.06	2.00	0.00	1.00	0.00
13.40	54.80	2.00	0.00	1.00	0.00	13.41	53.63	2.00	0.00	1.00	0.00
13.42	53.59	2.00	0.00	1.00	0.00	13.43	53.63	2.00	0.00	1.00	0.00
13.44	53.17	2.00	0.00	1.00	0.00	13.45	51.69	2.00	0.00	1.00	0.00
13.46	50.84	2.00	0.00	1.00	0.00	13.47	50.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	50.22	2.00	0.00	1.00	0.00	13.49	49.67	2.00	0.00	1.00	0.00
13.50	49.05	2.00	0.00	1.00	0.00	13.51	48.46	2.00	0.00	1.00	0.00
13.52	47.93	2.00	0.00	1.00	0.00	13.53	47.84	2.00	0.00	1.00	0.00
13.54	48.03	2.00	0.00	1.00	0.00	13.55	48.71	2.00	0.00	1.00	0.00
13.56	49.61	2.00	0.00	1.00	0.00	13.57	50.52	2.00	0.00	1.00	0.00
13.58	51.95	2.00	0.00	1.00	0.00	13.59	52.55	2.00	0.00	1.00	0.00
13.60	52.91	2.00	0.00	1.00	0.00	13.61	52.97	2.00	0.00	1.00	0.00
13.62	53.86	2.00	0.00	1.00	0.00	13.63	56.87	2.00	0.00	1.00	0.00
13.64	61.21	2.00	0.00	1.00	0.00	13.65	65.08	2.00	0.00	1.00	0.00
13.66	67.12	2.00	0.00	1.00	0.00	13.67	67.37	2.00	0.00	1.00	0.00
13.68	67.43	0.86	2.81	1.00	0.03	13.69	69.73	2.00	0.00	1.00	0.00
13.70	72.14	2.00	0.00	1.00	0.00	13.71	74.62	2.00	0.00	1.00	0.00
13.72	75.97	2.00	0.00	1.00	0.00	13.73	79.54	2.00	0.00	1.00	0.00
13.74	81.80	2.00	0.00	1.00	0.00	13.75	81.82	2.00	0.00	1.00	0.00
13.76	78.84	2.00	0.00	1.00	0.00	13.77	77.12	2.00	0.00	1.00	0.00
13.78	76.98	2.00	0.00	1.00	0.00	13.79	77.59	2.00	0.00	1.00	0.00
13.80	77.00	2.00	0.00	1.00	0.00	13.81	76.26	2.00	0.00	1.00	0.00
13.82	75.27	2.00	0.00	1.00	0.00	13.83	74.68	2.00	0.00	1.00	0.00
13.84	73.34	2.00	0.00	1.00	0.00	13.85	72.24	2.00	0.00	1.00	0.00
13.86	69.72	2.00	0.00	1.00	0.00	13.87	66.58	2.00	0.00	1.00	0.00
13.88	62.38	2.00	0.00	1.00	0.00	13.89	60.29	2.00	0.00	1.00	0.00
13.90	59.26	2.00	0.00	1.00	0.00	13.91	58.32	2.00	0.00	1.00	0.00
13.92	55.91	2.00	0.00	1.00	0.00	13.93	52.23	2.00	0.00	1.00	0.00
13.94	47.65	2.00	0.00	1.00	0.00	13.95	44.10	2.00	0.00	1.00	0.00
13.96	42.37	2.00	0.00	1.00	0.00	13.97	42.62	2.00	0.00	1.00	0.00
13.98	42.65	2.00	0.00	1.00	0.00	13.99	42.73	2.00	0.00	1.00	0.00
14.00	42.53	2.00	0.00	1.00	0.00	14.01	42.28	2.00	0.00	1.00	0.00
14.02	42.02	2.00	0.00	1.00	0.00	14.03	41.97	2.00	0.00	1.00	0.00
14.04	42.12	2.00	0.00	1.00	0.00	14.05	42.04	2.00	0.00	1.00	0.00
14.06	41.83	2.00	0.00	1.00	0.00	14.07	41.55	2.00	0.00	1.00	0.00
14.08	41.28	2.00	0.00	1.00	0.00	14.09	40.81	2.00	0.00	1.00	0.00
14.10	40.59	2.00	0.00	1.00	0.00	14.11	40.66	2.00	0.00	1.00	0.00
14.12	40.72	2.00	0.00	1.00	0.00	14.13	40.24	2.00	0.00	1.00	0.00
14.14	39.39	2.00	0.00	1.00	0.00	14.15	38.92	2.00	0.00	1.00	0.00
14.16	38.77	2.00	0.00	1.00	0.00	14.17	38.72	2.00	0.00	1.00	0.00
14.18	38.61	2.00	0.00	1.00	0.00	14.19	38.78	2.00	0.00	1.00	0.00
14.20	39.27	2.00	0.00	1.00	0.00	14.21	39.79	2.00	0.00	1.00	0.00
14.22	39.69	2.00	0.00	1.00	0.00	14.23	40.56	2.00	0.00	1.00	0.00
14.24	42.52	0.69	4.71	1.00	0.05	14.25	44.69	0.71	4.52	1.00	0.05
14.26	46.26	0.72	4.40	1.00	0.04	14.27	46.41	0.72	4.39	1.00	0.04
14.28	46.38	0.72	4.39	1.00	0.04	14.29	25.74	0.58	5.80	1.00	0.06
14.30	48.09	0.73	4.26	1.00	0.04	14.31	49.90	0.74	4.13	1.00	0.04
14.32	52.78	0.76	3.95	1.00	0.04	14.33	54.59	0.77	3.84	1.00	0.04
14.34	57.40	0.79	3.68	1.00	0.04	14.35	61.34	0.83	3.49	1.00	0.03
14.36	66.88	2.00	0.00	1.00	0.00	14.37	71.95	2.00	0.00	1.00	0.00
14.38	74.69	2.00	0.00	1.00	0.00	14.39	75.52	2.00	0.00	1.00	0.00
14.40	76.66	2.00	0.00	1.00	0.00	14.41	78.40	2.00	0.00	1.00	0.00
14.42	81.06	2.00	0.00	1.00	0.00	14.43	81.90	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	80.88	2.00	0.00	1.00	0.00	14.45	78.47	2.00	0.00	1.00	0.00
14.46	76.90	1.00	1.13	1.00	0.01	14.47	76.50	0.99	1.13	1.00	0.01
14.48	78.01	1.02	1.11	1.00	0.01	14.49	81.68	1.07	0.63	1.00	0.01
14.50	85.97	1.14	0.61	1.00	0.01	14.51	89.23	2.00	0.00	1.00	0.00
14.52	90.54	2.00	0.00	1.00	0.00	14.53	92.92	2.00	0.00	1.00	0.00
14.54	97.56	2.00	0.00	1.00	0.00	14.55	103.08	2.00	0.00	1.00	0.00
14.56	106.10	2.00	0.00	1.00	0.00	14.57	107.40	2.00	0.00	1.00	0.00
14.58	108.36	2.00	0.00	1.00	0.00	14.59	109.61	2.00	0.00	1.00	0.00
14.60	109.85	2.00	0.00	1.00	0.00	14.61	109.26	2.00	0.00	1.00	0.00
14.62	108.76	2.00	0.00	1.00	0.00	14.63	108.89	2.00	0.00	1.00	0.00
14.64	108.53	2.00	0.00	1.00	0.00	14.65	106.63	2.00	0.00	1.00	0.00
14.66	103.29	2.00	0.00	1.00	0.00	14.67	100.62	2.00	0.00	1.00	0.00
14.68	99.31	2.00	0.00	1.00	0.00	14.69	94.33	2.00	0.00	1.00	0.00
14.70	88.81	2.00	0.00	1.00	0.00	14.71	84.00	2.00	0.00	1.00	0.00
14.72	84.33	2.00	0.00	1.00	0.00	14.73	84.22	2.00	0.00	1.00	0.00
14.74	81.71	2.00	0.00	1.00	0.00	14.75	79.03	2.00	0.00	1.00	0.00
14.76	74.22	2.00	0.00	1.00	0.00	14.77	70.68	2.00	0.00	1.00	0.00
14.78	66.39	2.00	0.00	1.00	0.00	14.79	65.11	2.00	0.00	1.00	0.00
14.80	64.61	2.00	0.00	1.00	0.00	14.81	64.31	2.00	0.00	1.00	0.00
14.82	63.41	2.00	0.00	1.00	0.00	14.83	62.89	2.00	0.00	1.00	0.00
14.84	63.10	2.00	0.00	1.00	0.00	14.85	63.61	2.00	0.00	1.00	0.00
14.86	64.06	2.00	0.00	1.00	0.00	14.87	64.32	2.00	0.00	1.00	0.00
14.88	64.06	2.00	0.00	1.00	0.00	14.89	63.71	2.00	0.00	1.00	0.00
14.90	63.53	2.00	0.00	1.00	0.00	14.91	64.07	2.00	0.00	1.00	0.00
14.92	65.17	2.00	0.00	1.00	0.00	14.93	66.31	2.00	0.00	1.00	0.00
14.94	67.82	2.00	0.00	1.00	0.00	14.95	69.67	2.00	0.00	1.00	0.00
14.96	71.24	2.00	0.00	1.00	0.00	14.97	72.19	2.00	0.00	1.00	0.00
14.98	72.50	2.00	0.00	1.00	0.00	14.99	72.35	2.00	0.00	1.00	0.00
15.00	72.19	2.00	0.00	1.00	0.00	15.01	71.74	2.00	0.00	1.00	0.00
15.02	71.24	2.00	0.00	1.00	0.00	15.03	70.61	2.00	0.00	1.00	0.00
15.04	70.26	2.00	0.00	1.00	0.00	15.05	70.31	2.00	0.00	1.00	0.00
15.06	70.75	2.00	0.00	1.00	0.00	15.07	71.87	2.00	0.00	1.00	0.00
15.08	73.49	2.00	0.00	1.00	0.00	15.09	75.02	2.00	0.00	1.00	0.00
15.10	76.61	2.00	0.00	1.00	0.00	15.11	78.27	2.00	0.00	1.00	0.00
15.12	79.92	2.00	0.00	1.00	0.00	15.13	80.78	2.00	0.00	1.00	0.00
15.14	81.79	2.00	0.00	1.00	0.00	15.15	83.03	2.00	0.00	1.00	0.00
15.16	84.83	2.00	0.00	1.00	0.00	15.17	86.74	2.00	0.00	1.00	0.00
15.18	88.18	2.00	0.00	1.00	0.00	15.19	89.87	2.00	0.00	1.00	0.00
15.20	91.26	2.00	0.00	1.00	0.00	15.21	93.38	2.00	0.00	1.00	0.00
15.22	96.02	2.00	0.00	1.00	0.00	15.23	98.29	2.00	0.00	1.00	0.00
15.24	99.90	2.00	0.00	1.00	0.00	15.25	100.41	2.00	0.00	1.00	0.00
15.26	101.18	2.00	0.00	1.00	0.00	15.27	102.91	2.00	0.00	1.00	0.00
15.28	105.12	2.00	0.00	1.00	0.00	15.29	107.38	2.00	0.00	1.00	0.00
15.30	108.60	2.00	0.00	1.00	0.00	15.31	108.75	2.00	0.00	1.00	0.00
15.32	107.90	2.00	0.00	1.00	0.00	15.33	106.54	2.00	0.00	1.00	0.00
15.34	105.07	2.00	0.00	1.00	0.00	15.35	103.89	2.00	0.00	1.00	0.00
15.36	103.34	2.00	0.00	1.00	0.00	15.37	103.78	2.00	0.00	1.00	0.00
15.38	105.57	2.00	0.00	1.00	0.00	15.39	107.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	109.57	2.00	0.00	1.00	0.00	15.41	110.18	2.00	0.00	1.00	0.00
15.42	109.87	2.00	0.00	1.00	0.00	15.43	108.89	2.00	0.00	1.00	0.00
15.44	108.00	2.00	0.00	1.00	0.00	15.45	107.54	2.00	0.00	1.00	0.00
15.46	107.17	2.00	0.00	1.00	0.00	15.47	107.04	2.00	0.00	1.00	0.00
15.48	106.87	2.00	0.00	1.00	0.00	15.49	106.74	2.00	0.00	1.00	0.00
15.50	106.51	2.00	0.00	1.00	0.00	15.51	105.69	2.00	0.00	1.00	0.00
15.52	104.75	2.00	0.00	1.00	0.00	15.53	103.72	2.00	0.00	1.00	0.00
15.54	103.19	2.00	0.00	1.00	0.00	15.55	102.68	2.00	0.00	1.00	0.00
15.56	101.94	2.00	0.00	1.00	0.00	15.57	101.22	2.00	0.00	1.00	0.00
15.58	100.68	2.00	0.00	1.00	0.00	15.59	100.38	2.00	0.00	1.00	0.00
15.60	100.20	2.00	0.00	1.00	0.00	15.61	99.90	2.00	0.00	1.00	0.00
15.62	99.51	2.00	0.00	1.00	0.00	15.63	99.01	2.00	0.00	1.00	0.00
15.64	99.01	2.00	0.00	1.00	0.00	15.65	99.23	2.00	0.00	1.00	0.00
15.66	99.66	2.00	0.00	1.00	0.00	15.67	99.73	2.00	0.00	1.00	0.00
15.68	99.80	2.00	0.00	1.00	0.00	15.69	98.80	2.00	0.00	1.00	0.00
15.70	98.01	2.00	0.00	1.00	0.00	15.71	97.42	2.00	0.00	1.00	0.00
15.72	98.03	2.00	0.00	1.00	0.00	15.73	98.36	2.00	0.00	1.00	0.00
15.74	98.25	2.00	0.00	1.00	0.00	15.75	97.78	2.00	0.00	1.00	0.00
15.76	97.11	2.00	0.00	1.00	0.00	15.77	96.43	2.00	0.00	1.00	0.00
15.78	95.67	2.00	0.00	1.00	0.00	15.79	94.89	2.00	0.00	1.00	0.00
15.80	94.08	2.00	0.00	1.00	0.00	15.81	93.27	2.00	0.00	1.00	0.00
15.82	92.52	2.00	0.00	1.00	0.00	15.83	91.90	2.00	0.00	1.00	0.00
15.84	91.13	2.00	0.00	1.00	0.00	15.85	90.25	2.00	0.00	1.00	0.00
15.86	89.28	2.00	0.00	1.00	0.00	15.87	88.40	2.00	0.00	1.00	0.00
15.88	87.91	2.00	0.00	1.00	0.00	15.89	87.57	2.00	0.00	1.00	0.00
15.90	87.55	2.00	0.00	1.00	0.00	15.91	87.53	2.00	0.00	1.00	0.00
15.92	87.64	2.00	0.00	1.00	0.00	15.93	87.93	2.00	0.00	1.00	0.00
15.94	88.43	2.00	0.00	1.00	0.00	15.95	89.04	2.00	0.00	1.00	0.00
15.96	89.60	2.00	0.00	1.00	0.00	15.97	90.05	2.00	0.00	1.00	0.00
15.98	90.50	2.00	0.00	1.00	0.00	15.99	90.93	2.00	0.00	1.00	0.00
16.00	91.35	2.00	0.00	1.00	0.00	16.01	91.62	2.00	0.00	1.00	0.00
16.02	91.78	2.00	0.00	1.00	0.00	16.03	91.92	2.00	0.00	1.00	0.00
16.04	92.12	2.00	0.00	1.00	0.00	16.05	92.19	2.00	0.00	1.00	0.00
16.06	91.99	2.00	0.00	1.00	0.00	16.07	91.48	2.00	0.00	1.00	0.00
16.08	90.89	2.00	0.00	1.00	0.00	16.09	90.33	2.00	0.00	1.00	0.00
16.10	89.61	2.00	0.00	1.00	0.00	16.11	89.01	2.00	0.00	1.00	0.00
16.12	88.36	2.00	0.00	1.00	0.00	16.13	87.89	2.00	0.00	1.00	0.00
16.14	87.33	2.00	0.00	1.00	0.00	16.15	86.78	2.00	0.00	1.00	0.00
16.16	86.28	2.00	0.00	1.00	0.00	16.17	85.95	2.00	0.00	1.00	0.00
16.18	85.66	2.00	0.00	1.00	0.00	16.19	85.49	2.00	0.00	1.00	0.00
16.20	85.23	2.00	0.00	1.00	0.00	16.21	85.15	2.00	0.00	1.00	0.00
16.22	84.92	2.00	0.00	1.00	0.00	16.23	85.27	2.00	0.00	1.00	0.00
16.24	85.74	2.00	0.00	1.00	0.00	16.25	86.52	2.00	0.00	1.00	0.00
16.26	86.97	2.00	0.00	1.00	0.00	16.27	87.39	2.00	0.00	1.00	0.00
16.28	87.45	2.00	0.00	1.00	0.00	16.29	87.54	2.00	0.00	1.00	0.00
16.30	87.70	2.00	0.00	1.00	0.00	16.31	88.20	2.00	0.00	1.00	0.00
16.32	88.65	2.00	0.00	1.00	0.00	16.33	88.84	2.00	0.00	1.00	0.00
16.34	88.76	2.00	0.00	1.00	0.00	16.35	88.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
16.36	87.34	2.00	0.00	1.00	0.00	16.37	86.42	2.00	0.00	1.00	0.00
16.38	85.12	2.00	0.00	1.00	0.00	16.39	84.23	2.00	0.00	1.00	0.00
16.40	83.08	2.00	0.00	1.00	0.00	16.41	82.50	2.00	0.00	1.00	0.00
16.42	82.27	2.00	0.00	1.00	0.00	16.43	82.11	2.00	0.00	1.00	0.00
16.44	81.66	2.00	0.00	1.00	0.00	16.45	81.09	2.00	0.00	1.00	0.00
16.46	80.54	2.00	0.00	1.00	0.00	16.47	80.48	2.00	0.00	1.00	0.00
16.48	80.39	2.00	0.00	1.00	0.00	16.49	80.38	2.00	0.00	1.00	0.00
16.50	79.99	2.00	0.00	1.00	0.00	16.51	79.76	2.00	0.00	1.00	0.00
16.52	79.49	2.00	0.00	1.00	0.00	16.53	79.39	2.00	0.00	1.00	0.00
16.54	79.22	2.00	0.00	1.00	0.00	16.55	78.98	2.00	0.00	1.00	0.00
16.56	78.69	2.00	0.00	1.00	0.00	16.57	78.44	2.00	0.00	1.00	0.00
16.58	78.42	2.00	0.00	1.00	0.00	16.59	78.43	2.00	0.00	1.00	0.00
16.60	77.97	2.00	0.00	1.00	0.00	16.61	77.44	2.00	0.00	1.00	0.00
16.62	77.18	2.00	0.00	1.00	0.00	16.63	77.51	2.00	0.00	1.00	0.00
16.64	77.73	2.00	0.00	1.00	0.00	16.65	77.89	2.00	0.00	1.00	0.00
16.66	78.24	2.00	0.00	1.00	0.00	16.67	78.70	2.00	0.00	1.00	0.00
16.68	79.03	2.00	0.00	1.00	0.00	16.69	76.64	2.00	0.00	1.00	0.00
16.70	74.16	2.00	0.00	1.00	0.00	16.71	72.54	2.00	0.00	1.00	0.00
16.72	73.54	2.00	0.00	1.00	0.00	16.73	75.88	2.00	0.00	1.00	0.00
16.74	77.66	2.00	0.00	1.00	0.00	16.75	79.51	2.00	0.00	1.00	0.00
16.76	80.80	2.00	0.00	1.00	0.00	16.77	82.01	2.00	0.00	1.00	0.00
16.78	83.43	2.00	0.00	1.00	0.00	16.79	84.18	2.00	0.00	1.00	0.00
16.80	84.45	2.00	0.00	1.00	0.00	16.81	84.35	2.00	0.00	1.00	0.00
16.82	84.40	2.00	0.00	1.00	0.00	16.83	85.77	2.00	0.00	1.00	0.00
16.84	87.16	2.00	0.00	1.00	0.00	16.85	89.04	2.00	0.00	1.00	0.00
16.86	90.01	2.00	0.00	1.00	0.00	16.87	90.98	2.00	0.00	1.00	0.00
16.88	91.15	2.00	0.00	1.00	0.00	16.89	91.43	2.00	0.00	1.00	0.00
16.90	91.66	2.00	0.00	1.00	0.00	16.91	91.77	2.00	0.00	1.00	0.00
16.92	91.55	2.00	0.00	1.00	0.00	16.93	91.34	2.00	0.00	1.00	0.00
16.94	91.16	2.00	0.00	1.00	0.00	16.95	90.76	2.00	0.00	1.00	0.00
16.96	90.66	2.00	0.00	1.00	0.00	16.97	90.46	2.00	0.00	1.00	0.00
16.98	90.09	2.00	0.00	1.00	0.00	16.99	89.24	2.00	0.00	1.00	0.00
17.00	88.42	2.00	0.00	1.00	0.00	17.01	87.70	2.00	0.00	1.00	0.00
17.02	86.83	2.00	0.00	1.00	0.00	17.03	85.89	2.00	0.00	1.00	0.00
17.04	85.96	2.00	0.00	1.00	0.00	17.05	86.62	2.00	0.00	1.00	0.00
17.06	87.42	2.00	0.00	1.00	0.00	17.07	87.32	2.00	0.00	1.00	0.00
17.08	86.60	2.00	0.00	1.00	0.00	17.09	85.85	2.00	0.00	1.00	0.00
17.10	85.35	2.00	0.00	1.00	0.00	17.11	85.49	2.00	0.00	1.00	0.00
17.12	85.53	2.00	0.00	1.00	0.00	17.13	85.14	2.00	0.00	1.00	0.00
17.14	84.13	2.00	0.00	1.00	0.00	17.15	83.15	2.00	0.00	1.00	0.00
17.16	82.93	2.00	0.00	1.00	0.00	17.17	83.20	2.00	0.00	1.00	0.00
17.18	83.66	2.00	0.00	1.00	0.00	17.19	83.19	2.00	0.00	1.00	0.00
17.20	82.55	2.00	0.00	1.00	0.00	17.21	82.25	2.00	0.00	1.00	0.00
17.22	82.98	2.00	0.00	1.00	0.00	17.23	83.99	2.00	0.00	1.00	0.00
17.24	84.40	2.00	0.00	1.00	0.00	17.25	83.96	2.00	0.00	1.00	0.00
17.26	82.80	2.00	0.00	1.00	0.00	17.27	81.70	2.00	0.00	1.00	0.00
17.28	80.49	2.00	0.00	1.00	0.00	17.29	79.10	2.00	0.00	1.00	0.00
17.30	77.43	2.00	0.00	1.00	0.00	17.31	75.61	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
17.32	74.25	2.00	0.00	1.00	0.00	17.33	73.34	2.00	0.00	1.00	0.00
17.34	73.03	2.00	0.00	1.00	0.00	17.35	72.35	2.00	0.00	1.00	0.00
17.36	71.22	2.00	0.00	1.00	0.00	17.37	69.74	2.00	0.00	1.00	0.00
17.38	68.46	2.00	0.00	1.00	0.00	17.39	67.68	2.00	0.00	1.00	0.00
17.40	67.49	2.00	0.00	1.00	0.00	17.41	67.79	2.00	0.00	1.00	0.00
17.42	68.35	2.00	0.00	1.00	0.00	17.43	68.76	2.00	0.00	1.00	0.00
17.44	70.38	2.00	0.00	1.00	0.00	17.45	72.62	2.00	0.00	1.00	0.00
17.46	75.64	2.00	0.00	1.00	0.00	17.47	78.74	2.00	0.00	1.00	0.00
17.48	81.12	2.00	0.00	1.00	0.00	17.49	82.58	2.00	0.00	1.00	0.00
17.50	82.69	2.00	0.00	1.00	0.00	17.51	82.03	2.00	0.00	1.00	0.00
17.52	81.47	2.00	0.00	1.00	0.00	17.53	81.34	2.00	0.00	1.00	0.00
17.54	82.10	2.00	0.00	1.00	0.00	17.55	83.07	2.00	0.00	1.00	0.00
17.56	83.50	2.00	0.00	1.00	0.00	17.57	83.42	2.00	0.00	1.00	0.00
17.58	83.55	2.00	0.00	1.00	0.00	17.59	83.52	2.00	0.00	1.00	0.00
17.60	83.42	2.00	0.00	1.00	0.00	17.61	83.05	2.00	0.00	1.00	0.00
17.62	83.49	2.00	0.00	1.00	0.00	17.63	84.78	2.00	0.00	1.00	0.00
17.64	86.63	2.00	0.00	1.00	0.00	17.65	89.77	2.00	0.00	1.00	0.00
17.66	92.31	2.00	0.00	1.00	0.00	17.67	94.12	2.00	0.00	1.00	0.00
17.68	97.15	2.00	0.00	1.00	0.00	17.69	101.38	2.00	0.00	1.00	0.00
17.70	105.85	2.00	0.00	1.00	0.00	17.71	107.22	2.00	0.00	1.00	0.00
17.72	107.03	2.00	0.00	1.00	0.00	17.73	106.34	2.00	0.00	1.00	0.00
17.74	106.41	2.00	0.00	1.00	0.00	17.75	107.02	2.00	0.00	1.00	0.00
17.76	108.00	2.00	0.00	1.00	0.00	17.77	108.12	2.00	0.00	1.00	0.00
17.78	107.95	2.00	0.00	1.00	0.00	17.79	106.89	2.00	0.00	1.00	0.00
17.80	105.76	2.00	0.00	1.00	0.00	17.81	104.77	2.00	0.00	1.00	0.00
17.82	104.09	2.00	0.00	1.00	0.00	17.83	103.18	2.00	0.00	1.00	0.00
17.84	100.47	2.00	0.00	1.00	0.00	17.85	97.66	2.00	0.00	1.00	0.00
17.86	95.27	2.00	0.00	1.00	0.00	17.87	94.62	2.00	0.00	1.00	0.00
17.88	94.79	2.00	0.00	1.00	0.00	17.89	95.04	2.00	0.00	1.00	0.00
17.90	95.02	2.00	0.00	1.00	0.00	17.91	93.95	2.00	0.00	1.00	0.00
17.92	91.83	2.00	0.00	1.00	0.00	17.93	89.14	2.00	0.00	1.00	0.00
17.94	85.84	2.00	0.00	1.00	0.00	17.95	83.44	2.00	0.00	1.00	0.00
17.96	82.35	2.00	0.00	1.00	0.00	17.97	82.38	2.00	0.00	1.00	0.00
17.98	82.12	2.00	0.00	1.00	0.00	17.99	81.34	2.00	0.00	1.00	0.00
18.00	80.85	2.00	0.00	1.00	0.00	18.01	81.20	2.00	0.00	1.00	0.00
18.02	81.83	2.00	0.00	1.00	0.00	18.03	81.96	2.00	0.00	1.00	0.00
18.04	81.64	2.00	0.00	1.00	0.00	18.05	80.91	2.00	0.00	1.00	0.00
18.06	80.48	2.00	0.00	1.00	0.00	18.07	80.66	2.00	0.00	1.00	0.00
18.08	81.03	2.00	0.00	1.00	0.00	18.09	79.50	2.00	0.00	1.00	0.00
18.10	77.08	2.00	0.00	1.00	0.00	18.11	75.13	2.00	0.00	1.00	0.00
18.12	75.77	2.00	0.00	1.00	0.00	18.13	77.57	2.00	0.00	1.00	0.00
18.14	81.13	2.00	0.00	1.00	0.00	18.15	85.31	2.00	0.00	1.00	0.00
18.16	89.44	2.00	0.00	1.00	0.00	18.17	91.99	2.00	0.00	1.00	0.00
18.18	93.00	2.00	0.00	1.00	0.00	18.19	92.52	2.00	0.00	1.00	0.00
18.20	91.40	2.00	0.00	1.00	0.00	18.21	90.07	2.00	0.00	1.00	0.00
18.22	88.38	2.00	0.00	1.00	0.00	18.23	85.27	2.00	0.00	1.00	0.00
18.24	81.32	2.00	0.00	1.00	0.00	18.25	78.78	2.00	0.00	1.00	0.00
18.26	79.34	2.00	0.00	1.00	0.00	18.27	82.75	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	88.81	2.00	0.00	1.00	0.00	18.29	93.55	2.00	0.00	1.00	0.00
18.30	96.51	2.00	0.00	1.00	0.00	18.31	96.90	2.00	0.00	1.00	0.00
18.32	96.77	2.00	0.00	1.00	0.00	18.33	96.43	2.00	0.00	1.00	0.00
18.34	95.23	2.00	0.00	1.00	0.00	18.35	92.98	2.00	0.00	1.00	0.00
18.36	90.74	2.00	0.00	1.00	0.00	18.37	88.98	2.00	0.00	1.00	0.00
18.38	88.43	2.00	0.00	1.00	0.00	18.39	88.71	2.00	0.00	1.00	0.00
18.40	89.57	2.00	0.00	1.00	0.00	18.41	90.85	2.00	0.00	1.00	0.00
18.42	91.45	2.00	0.00	1.00	0.00	18.43	91.72	2.00	0.00	1.00	0.00
18.44	91.72	2.00	0.00	1.00	0.00	18.45	91.39	2.00	0.00	1.00	0.00
18.46	90.89	2.00	0.00	1.00	0.00	18.47	90.25	2.00	0.00	1.00	0.00
18.48	89.09	2.00	0.00	1.00	0.00	18.49	87.19	2.00	0.00	1.00	0.00
18.50	84.72	2.00	0.00	1.00	0.00	18.51	82.06	2.00	0.00	1.00	0.00
18.52	79.92	2.00	0.00	1.00	0.00	18.53	77.82	2.00	0.00	1.00	0.00
18.54	76.54	2.00	0.00	1.00	0.00	18.55	75.59	2.00	0.00	1.00	0.00
18.56	75.71	2.00	0.00	1.00	0.00	18.57	76.31	2.00	0.00	1.00	0.00
18.58	77.61	2.00	0.00	1.00	0.00	18.59	79.76	2.00	0.00	1.00	0.00
18.60	82.04	2.00	0.00	1.00	0.00	18.61	84.33	2.00	0.00	1.00	0.00
18.62	86.03	2.00	0.00	1.00	0.00	18.63	88.39	2.00	0.00	1.00	0.00
18.64	90.64	2.00	0.00	1.00	0.00	18.65	93.07	2.00	0.00	1.00	0.00
18.66	94.31	2.00	0.00	1.00	0.00	18.67	95.05	2.00	0.00	1.00	0.00
18.68	93.51	2.00	0.00	1.00	0.00	18.69	92.71	2.00	0.00	1.00	0.00
18.70	92.44	2.00	0.00	1.00	0.00	18.71	93.50	2.00	0.00	1.00	0.00
18.72	94.09	2.00	0.00	1.00	0.00	18.73	94.19	2.00	0.00	1.00	0.00
18.74	93.60	2.00	0.00	1.00	0.00	18.75	92.60	2.00	0.00	1.00	0.00
18.76	91.66	2.00	0.00	1.00	0.00	18.77	90.38	2.00	0.00	1.00	0.00
18.78	88.55	2.00	0.00	1.00	0.00	18.79	86.00	2.00	0.00	1.00	0.00
18.80	72.27	2.00	0.00	1.00	0.00	18.81	70.71	2.00	0.00	1.00	0.00
18.82	68.85	2.00	0.00	1.00	0.00	18.83	66.87	2.00	0.00	1.00	0.00
18.84	64.94	2.00	0.00	1.00	0.00	18.85	63.15	2.00	0.00	1.00	0.00
18.86	62.02	2.00	0.00	1.00	0.00	18.87	61.20	2.00	0.00	1.00	0.00
18.88	60.95	2.00	0.00	1.00	0.00	18.89	61.14	2.00	0.00	1.00	0.00
18.90	61.37	2.00	0.00	1.00	0.00	18.91	61.37	2.00	0.00	1.00	0.00
18.92	61.10	2.00	0.00	1.00	0.00	18.93	60.36	2.00	0.00	1.00	0.00
18.94	59.16	2.00	0.00	1.00	0.00	18.95	57.27	2.00	0.00	1.00	0.00
18.96	53.87	2.00	0.00	1.00	0.00	18.97	64.89	2.00	0.00	1.00	0.00
18.98	63.19	2.00	0.00	1.00	0.00	18.99	62.93	2.00	0.00	1.00	0.00
19.00	64.45	2.00	0.00	1.00	0.00	19.01	67.30	2.00	0.00	1.00	0.00
19.02	71.25	2.00	0.00	1.00	0.00	19.03	75.28	2.00	0.00	1.00	0.00
19.04	78.86	2.00	0.00	1.00	0.00	19.05	82.02	2.00	0.00	1.00	0.00
19.06	84.79	2.00	0.00	1.00	0.00	19.07	87.46	2.00	0.00	1.00	0.00
19.08	89.55	2.00	0.00	1.00	0.00	19.09	91.07	2.00	0.00	1.00	0.00
19.10	91.80	2.00	0.00	1.00	0.00	19.11	90.66	2.00	0.00	1.00	0.00
19.12	87.66	2.00	0.00	1.00	0.00	19.13	84.50	2.00	0.00	1.00	0.00
19.14	82.42	2.00	0.00	1.00	0.00	19.15	80.58	2.00	0.00	1.00	0.00
19.16	79.26	2.00	0.00	1.00	0.00	19.17	80.32	2.00	0.00	1.00	0.00
19.18	82.64	2.00	0.00	1.00	0.00	19.19	84.94	2.00	0.00	1.00	0.00
19.20	83.69	2.00	0.00	1.00	0.00	19.21	80.42	2.00	0.00	1.00	0.00
19.22	76.70	2.00	0.00	1.00	0.00	19.23	75.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	76.31	2.00	0.00	1.00	0.00	19.25	79.35	2.00	0.00	1.00	0.00
19.26	81.83	2.00	0.00	1.00	0.00	19.27	82.45	2.00	0.00	1.00	0.00
19.28	81.21	2.00	0.00	1.00	0.00	19.29	80.00	2.00	0.00	1.00	0.00
19.30	79.68	2.00	0.00	1.00	0.00	19.31	78.99	2.00	0.00	1.00	0.00
19.32	77.48	2.00	0.00	1.00	0.00	19.33	76.18	2.00	0.00	1.00	0.00
19.34	75.73	2.00	0.00	1.00	0.00	19.35	75.88	2.00	0.00	1.00	0.00
19.36	75.97	2.00	0.00	1.00	0.00	19.37	76.03	2.00	0.00	1.00	0.00
19.38	75.04	2.00	0.00	1.00	0.00	19.39	71.69	2.00	0.00	1.00	0.00
19.40	67.59	2.00	0.00	1.00	0.00	19.41	63.41	2.00	0.00	1.00	0.00
19.42	61.01	2.00	0.00	1.00	0.00	19.43	59.03	2.00	0.00	1.00	0.00
19.44	57.50	2.00	0.00	1.00	0.00	19.45	56.70	2.00	0.00	1.00	0.00
19.46	56.08	2.00	0.00	1.00	0.00	19.47	55.81	2.00	0.00	1.00	0.00
19.48	55.88	2.00	0.00	1.00	0.00	19.49	56.70	2.00	0.00	1.00	0.00
19.50	58.18	2.00	0.00	1.00	0.00	19.51	59.48	2.00	0.00	1.00	0.00
19.52	62.35	2.00	0.00	1.00	0.00	19.53	67.01	2.00	0.00	1.00	0.00
19.54	74.21	2.00	0.00	1.00	0.00	19.55	79.88	2.00	0.00	1.00	0.00
19.56	84.12	2.00	0.00	1.00	0.00	19.57	87.37	2.00	0.00	1.00	0.00
19.58	92.56	2.00	0.00	1.00	0.00	19.59	98.24	2.00	0.00	1.00	0.00
19.60	105.47	2.00	0.00	1.00	0.00	19.61	111.88	2.00	0.00	1.00	0.00
19.62	120.57	2.00	0.00	1.00	0.00	19.63	127.58	2.00	0.00	1.00	0.00
19.64	133.49	2.00	0.00	1.00	0.00	19.65	137.04	2.00	0.00	1.00	0.00
19.66	139.36	2.00	0.00	1.00	0.00	19.67	140.94	2.00	0.00	1.00	0.00
19.68	140.43	2.00	0.00	1.00	0.00	19.69	139.76	2.00	0.00	1.00	0.00
19.70	138.95	2.00	0.00	1.00	0.00	19.71	138.01	2.00	0.00	1.00	0.00
19.72	136.82	2.00	0.00	1.00	0.00	19.73	134.81	2.00	0.00	1.00	0.00
19.74	132.30	2.00	0.00	1.00	0.00	19.75	129.46	2.00	0.00	1.00	0.00
19.76	127.36	2.00	0.00	1.00	0.00	19.77	124.00	2.00	0.00	1.00	0.00
19.78	120.31	2.00	0.00	1.00	0.00	19.79	116.35	2.00	0.00	1.00	0.00
19.80	113.11	2.00	0.00	1.00	0.00	19.81	109.08	2.00	0.00	1.00	0.00
19.82	105.06	2.00	0.00	1.00	0.00	19.83	100.98	2.00	0.00	1.00	0.00
19.84	96.86	2.00	0.00	1.00	0.00	19.85	93.70	2.00	0.00	1.00	0.00
19.86	90.45	2.00	0.00	1.00	0.00	19.87	88.34	2.00	0.00	1.00	0.00
19.88	86.02	2.00	0.00	1.00	0.00	19.89	84.45	2.00	0.00	1.00	0.00
19.90	82.57	2.00	0.00	1.00	0.00	19.91	81.19	2.00	0.00	1.00	0.00
19.92	79.53	2.00	0.00	1.00	0.00	19.93	78.58	2.00	0.00	1.00	0.00
19.94	77.77	2.00	0.00	1.00	0.00	19.95	77.18	2.00	0.00	1.00	0.00
19.96	76.88	2.00	0.00	1.00	0.00	19.97	77.19	2.00	0.00	1.00	0.00
19.98	78.16	2.00	0.00	1.00	0.00	19.99	80.00	2.00	0.00	1.00	0.00
20.00	81.74	2.00	0.00	1.00	0.00	20.01	84.43	2.00	0.00	1.00	0.00
20.02	87.68	2.00	0.00	1.00	0.00	20.03	90.85	2.00	0.00	1.00	0.00
20.04	92.14	2.00	0.00	1.00	0.00	20.05	91.65	2.00	0.00	1.00	0.00
20.06	90.77	2.00	0.00	1.00	0.00	20.07	89.59	2.00	0.00	1.00	0.00
20.08	87.97	2.00	0.00	1.00	0.00	20.09	86.32	2.00	0.00	1.00	0.00
20.10	85.07	2.00	0.00	1.00	0.00	20.11	83.99	2.00	0.00	1.00	0.00
20.12	83.09	2.00	0.00	1.00	0.00						

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
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**Total estimated settlement: 15.49****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**

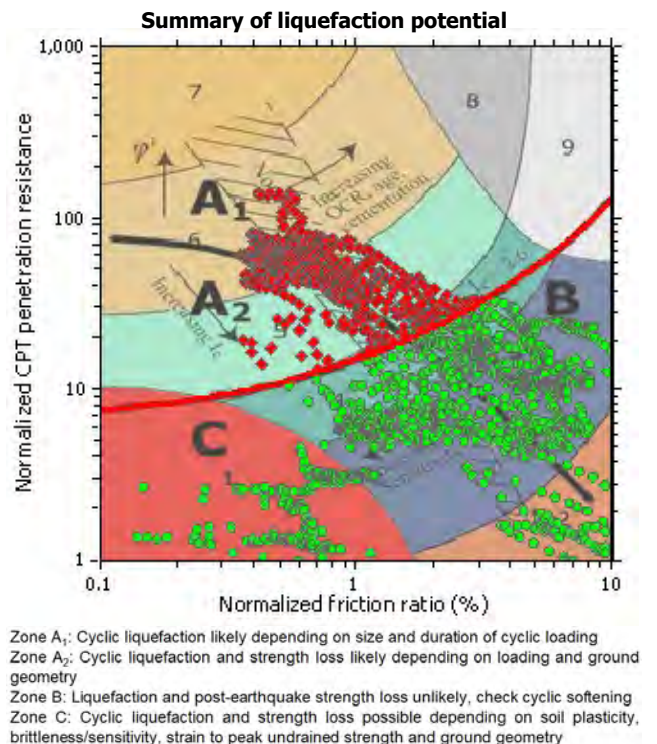
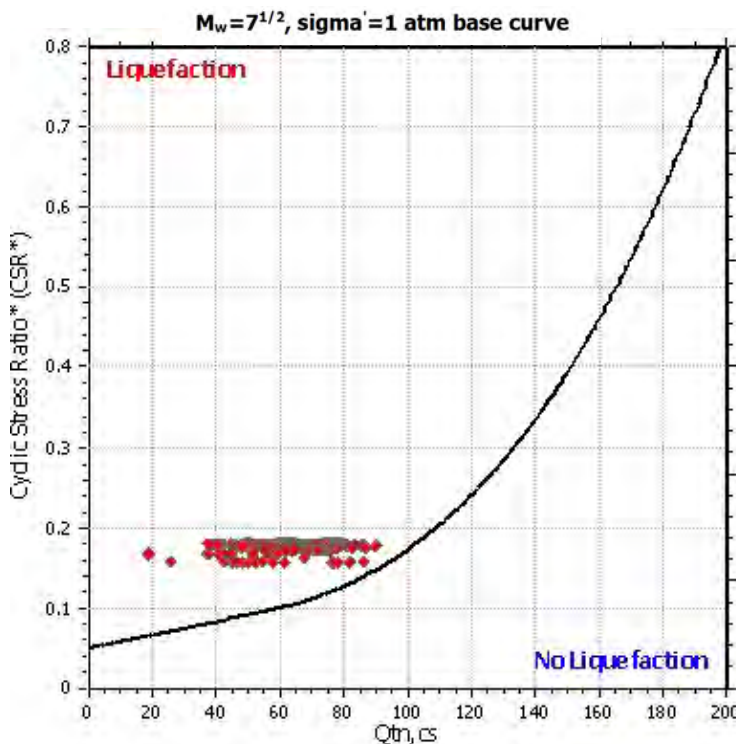
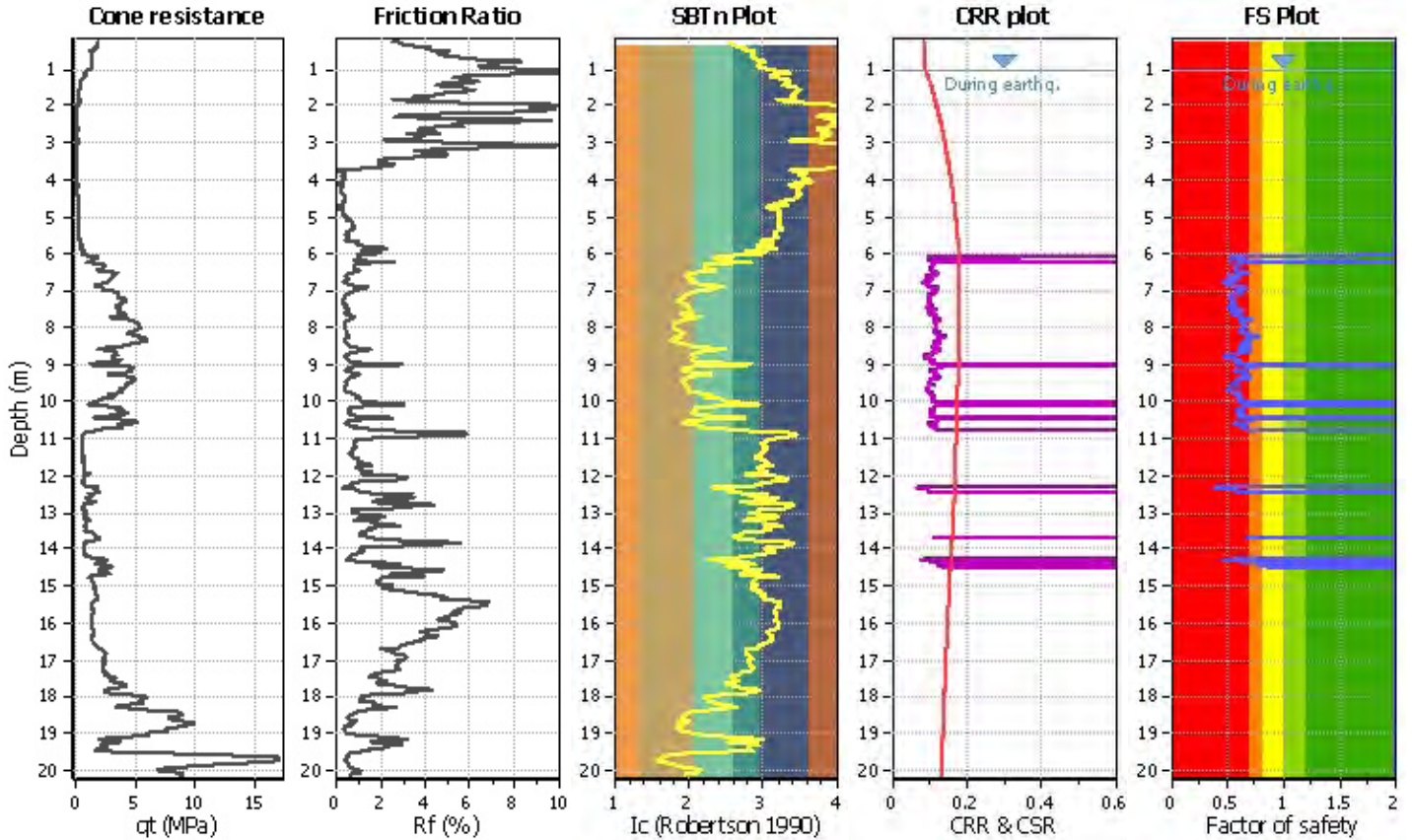
**Project title :**

**Location :**

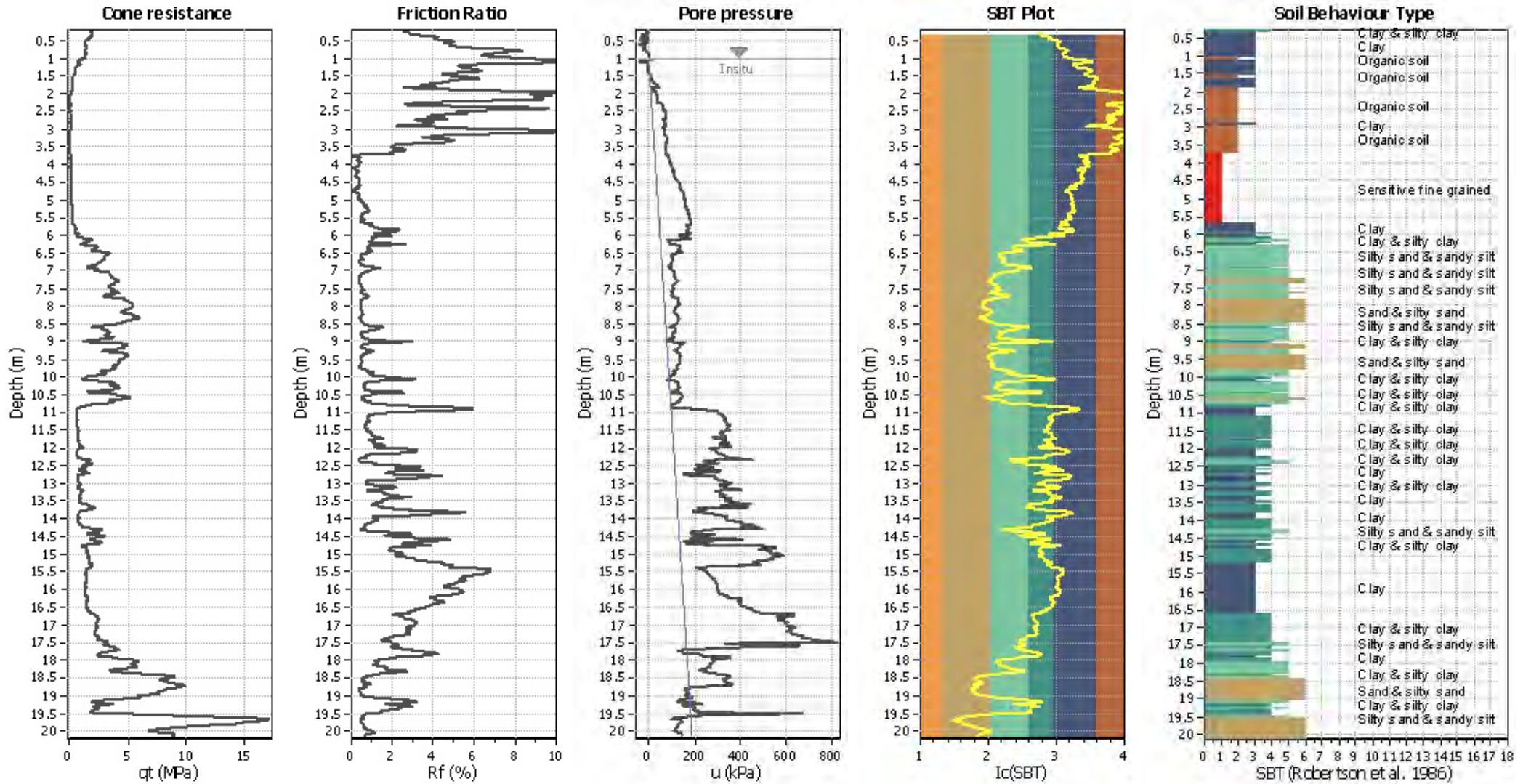
**CPT file : CPTU1 - Area 1**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.50	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



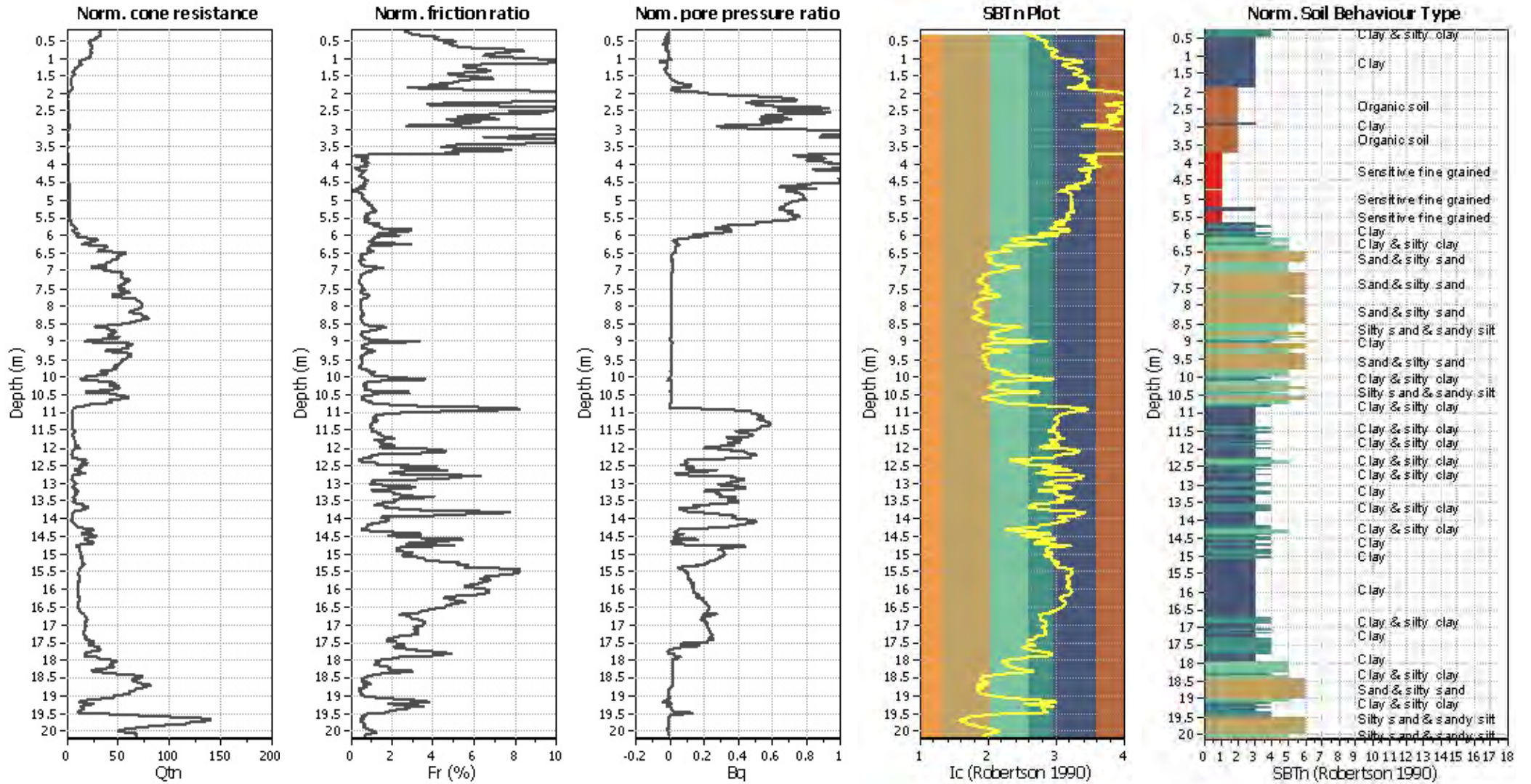
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



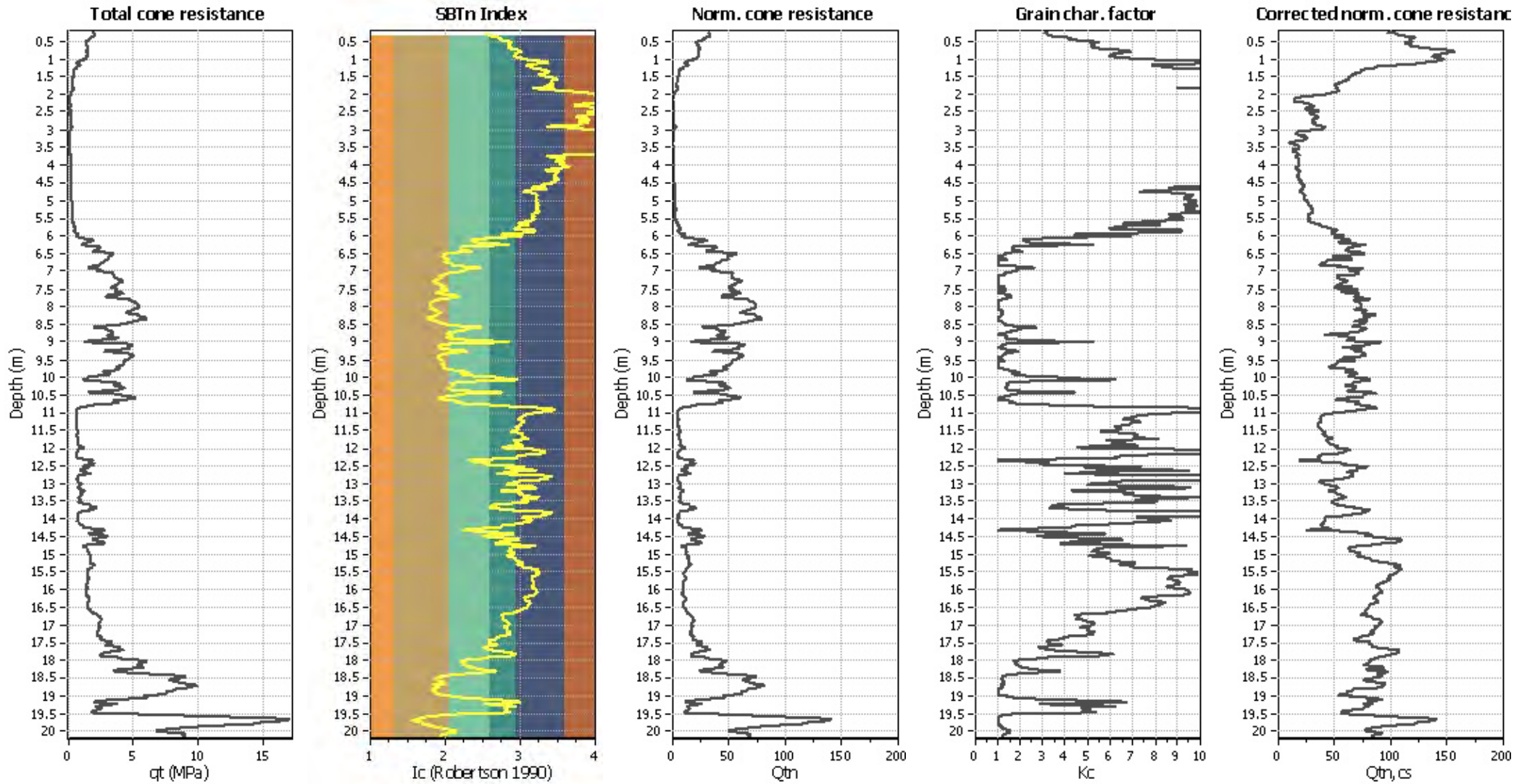
**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

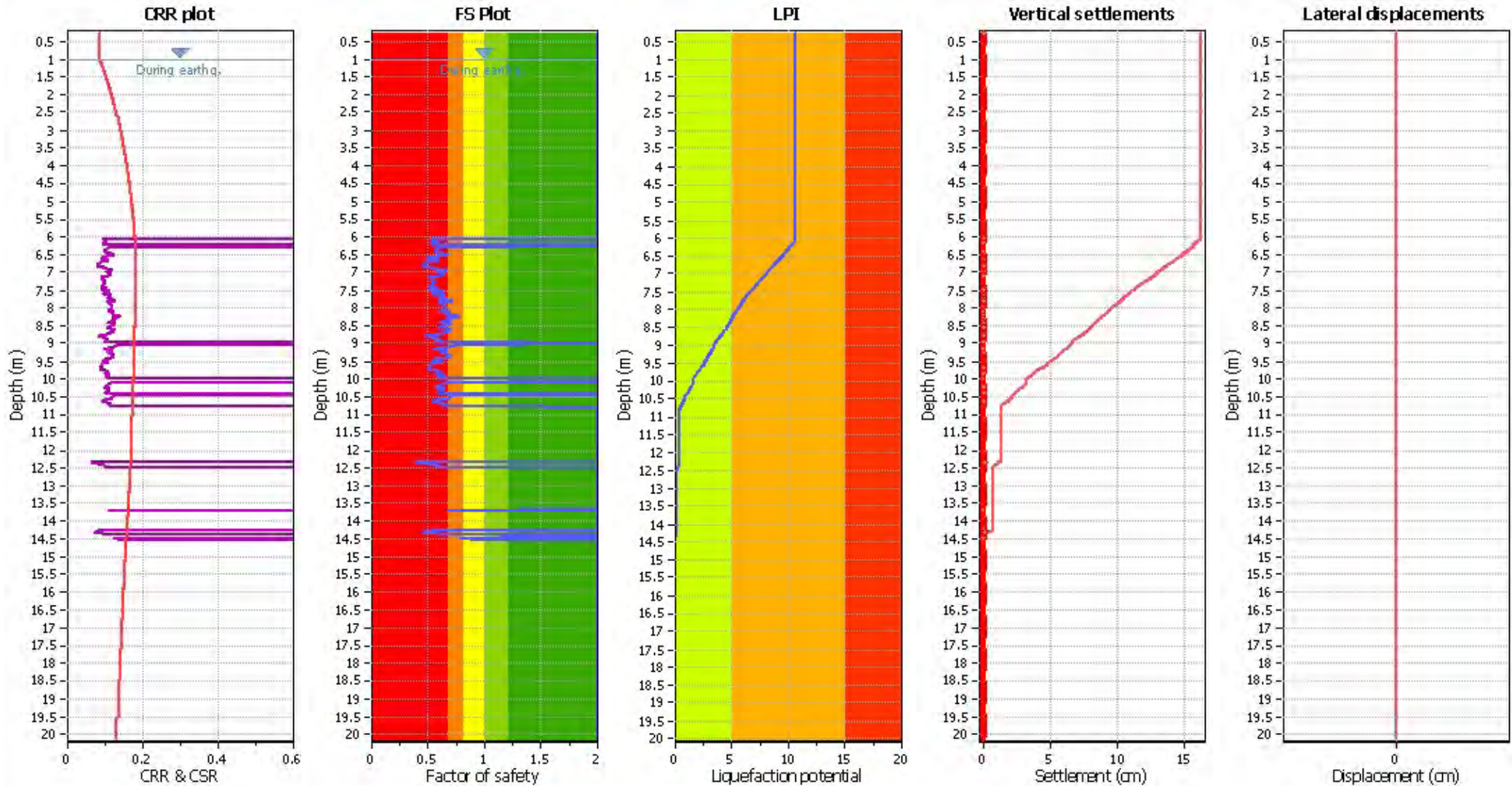
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

**F.S. color scheme**

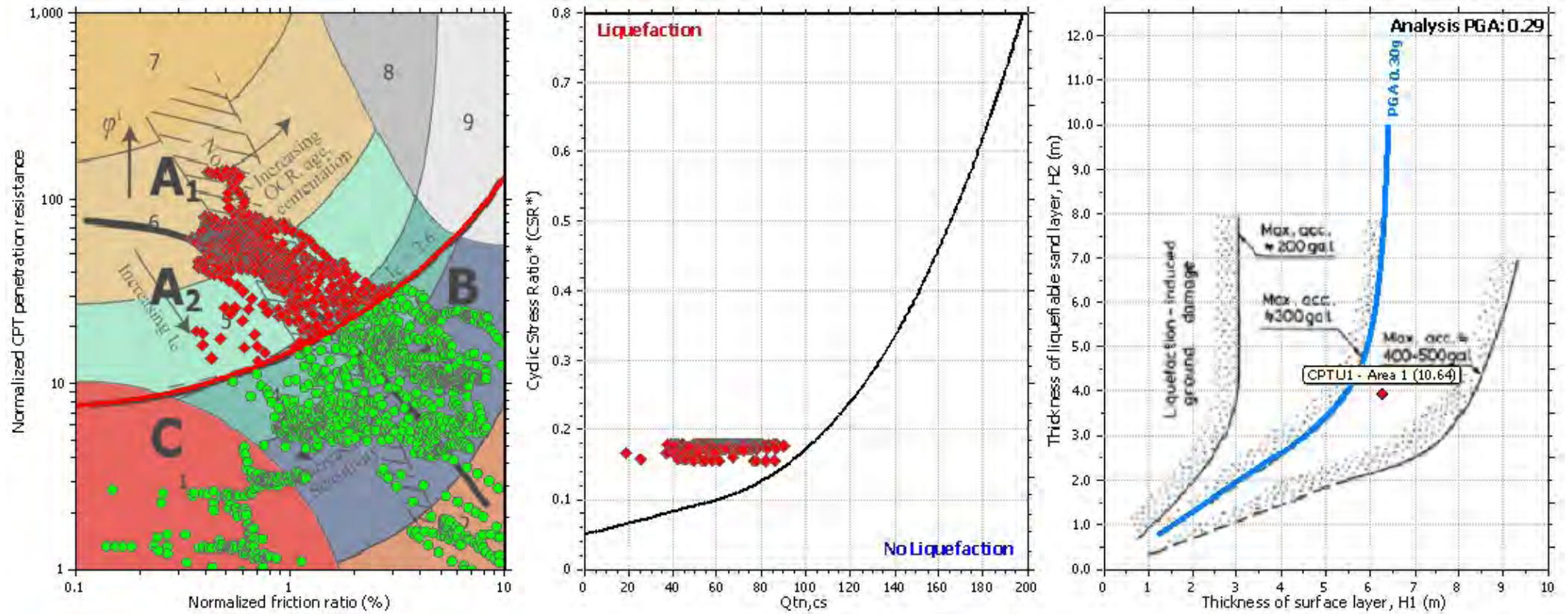
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

**LPI color scheme**

- Very high risk
- High risk
- Low risk



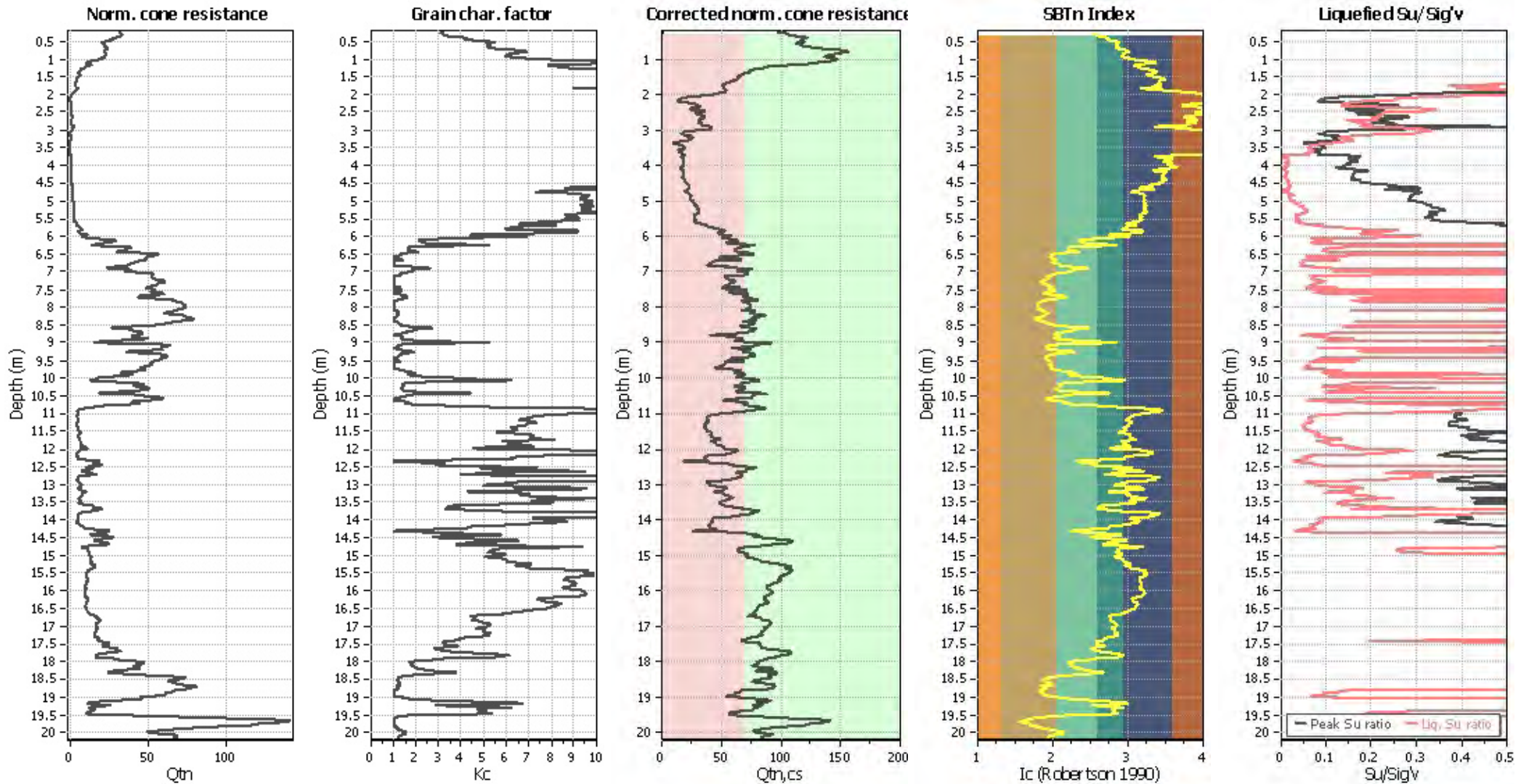
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	0.53	0.47	6.97	0.01	0.03
6.07	0.54	0.46	6.96	0.01	0.03	6.08	0.55	0.45	6.96	0.01	0.03
6.09	0.56	0.44	6.96	0.01	0.03	6.10	0.57	0.43	6.95	0.01	0.03
6.11	0.58	0.42	6.95	0.01	0.03	6.12	0.58	0.42	6.94	0.01	0.03
6.13	0.57	0.43	6.93	0.01	0.03	6.14	0.57	0.43	6.93	0.01	0.03
6.15	0.56	0.44	6.92	0.01	0.03	6.16	0.55	0.45	6.92	0.01	0.03
6.17	0.53	0.47	6.92	0.01	0.03	6.18	0.53	0.47	6.91	0.01	0.03
6.19	0.53	0.47	6.91	0.01	0.03	6.20	0.55	0.45	6.90	0.01	0.03
6.21	0.56	0.44	6.89	0.01	0.03	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	0.63	0.37	6.87	0.01	0.03	6.28	0.61	0.39	6.86	0.01	0.03
6.29	0.60	0.40	6.86	0.01	0.03	6.30	0.59	0.41	6.85	0.01	0.03
6.31	0.59	0.41	6.84	0.01	0.03	6.32	0.59	0.41	6.84	0.01	0.03
6.33	0.59	0.41	6.83	0.01	0.03	6.34	0.58	0.42	6.83	0.01	0.03
6.35	0.57	0.43	6.83	0.01	0.03	6.36	0.57	0.43	6.82	0.01	0.03
6.37	0.57	0.43	6.82	0.01	0.03	6.38	0.56	0.44	6.81	0.01	0.03
6.39	0.56	0.44	6.80	0.01	0.03	6.40	0.56	0.44	6.80	0.01	0.03
6.41	0.56	0.44	6.79	0.01	0.03	6.42	0.57	0.43	6.79	0.01	0.03
6.43	0.57	0.43	6.79	0.01	0.03	6.44	0.58	0.42	6.78	0.01	0.03
6.45	0.59	0.41	6.78	0.01	0.03	6.46	0.61	0.39	6.77	0.01	0.03
6.47	0.63	0.37	6.76	0.01	0.02	6.48	0.66	0.34	6.76	0.01	0.02
6.49	0.67	0.33	6.75	0.01	0.02	6.50	0.68	0.32	6.75	0.01	0.02
6.51	0.68	0.32	6.75	0.01	0.02	6.52	0.67	0.33	6.74	0.01	0.02
6.53	0.65	0.35	6.74	0.01	0.02	6.54	0.63	0.37	6.73	0.01	0.02
6.55	0.61	0.39	6.72	0.01	0.03	6.56	0.52	0.48	6.72	0.01	0.03
6.57	0.51	0.49	6.71	0.01	0.03	6.58	0.51	0.49	6.71	0.01	0.03
6.59	0.51	0.49	6.71	0.01	0.03	6.60	0.50	0.50	6.70	0.01	0.03
6.61	0.50	0.50	6.70	0.01	0.03	6.62	0.50	0.50	6.69	0.01	0.03
6.63	0.50	0.50	6.68	0.01	0.03	6.64	0.58	0.42	6.68	0.01	0.03
6.65	0.59	0.41	6.67	0.01	0.03	6.66	0.59	0.41	6.67	0.01	0.03
6.67	0.59	0.41	6.67	0.01	0.03	6.68	0.59	0.41	6.66	0.01	0.03
6.69	0.59	0.41	6.66	0.01	0.03	6.70	0.57	0.43	6.65	0.01	0.03
6.71	0.48	0.52	6.64	0.01	0.03	6.72	0.47	0.53	6.64	0.01	0.03
6.73	0.47	0.53	6.63	0.01	0.03	6.74	0.47	0.53	6.63	0.01	0.03
6.75	0.47	0.53	6.63	0.01	0.04	6.76	0.47	0.53	6.62	0.01	0.04
6.77	0.47	0.53	6.62	0.01	0.04	6.78	0.46	0.54	6.61	0.01	0.04
6.79	0.46	0.54	6.61	0.01	0.04	6.80	0.45	0.55	6.60	0.01	0.04
6.81	0.53	0.47	6.59	0.01	0.03	6.82	0.52	0.48	6.59	0.01	0.03
6.83	0.52	0.48	6.58	0.01	0.03	6.84	0.52	0.48	6.58	0.01	0.03
6.85	0.52	0.48	6.58	0.01	0.03	6.86	0.53	0.47	6.57	0.01	0.03
6.87	0.55	0.45	6.57	0.01	0.03	6.88	0.57	0.43	6.56	0.01	0.03
6.89	0.61	0.39	6.55	0.01	0.03	6.90	0.65	0.35	6.55	0.01	0.02
6.91	0.67	0.33	6.54	0.01	0.02	6.92	0.66	0.34	6.54	0.01	0.02
6.93	0.65	0.35	6.54	0.01	0.02	6.94	0.63	0.37	6.53	0.01	0.02
6.95	0.62	0.38	6.53	0.01	0.02	6.96	0.61	0.39	6.52	0.01	0.03
6.97	0.59	0.41	6.51	0.01	0.03	6.98	0.58	0.42	6.51	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.99	0.58	0.42	6.50	0.01	0.03	7.00	0.60	0.40	6.50	0.01	0.03
7.01	0.62	0.38	6.50	0.01	0.02	7.02	0.64	0.36	6.49	0.01	0.02
7.03	0.63	0.37	6.49	0.01	0.02	7.04	0.63	0.37	6.48	0.01	0.02
7.05	0.63	0.37	6.47	0.01	0.02	7.06	0.63	0.37	6.47	0.01	0.02
7.07	0.63	0.37	6.46	0.01	0.02	7.08	0.62	0.38	6.46	0.01	0.02
7.09	0.61	0.39	6.46	0.01	0.03	7.10	0.52	0.48	6.45	0.01	0.03
7.11	0.52	0.48	6.45	0.01	0.03	7.12	0.52	0.48	6.44	0.01	0.03
7.13	0.52	0.48	6.43	0.01	0.03	7.14	0.52	0.48	6.43	0.01	0.03
7.15	0.52	0.48	6.42	0.01	0.03	7.16	0.52	0.48	6.42	0.01	0.03
7.17	0.52	0.48	6.42	0.01	0.03	7.18	0.52	0.48	6.41	0.01	0.03
7.19	0.52	0.48	6.41	0.01	0.03	7.20	0.53	0.47	6.40	0.01	0.03
7.21	0.53	0.47	6.39	0.01	0.03	7.22	0.54	0.46	6.39	0.01	0.03
7.23	0.55	0.45	6.38	0.01	0.03	7.24	0.55	0.45	6.38	0.01	0.03
7.25	0.56	0.44	6.38	0.01	0.03	7.26	0.56	0.44	6.37	0.01	0.03
7.27	0.56	0.44	6.37	0.01	0.03	7.28	0.56	0.44	6.36	0.01	0.03
7.29	0.56	0.44	6.36	0.01	0.03	7.30	0.55	0.45	6.35	0.01	0.03
7.31	0.55	0.45	6.34	0.01	0.03	7.32	0.54	0.46	6.34	0.01	0.03
7.33	0.54	0.46	6.33	0.01	0.03	7.34	0.54	0.46	6.33	0.01	0.03
7.35	0.54	0.46	6.33	0.01	0.03	7.36	0.53	0.47	6.32	0.01	0.03
7.37	0.53	0.47	6.32	0.01	0.03	7.38	0.53	0.47	6.31	0.01	0.03
7.39	0.53	0.47	6.30	0.01	0.03	7.40	0.52	0.48	6.30	0.01	0.03
7.41	0.52	0.48	6.29	0.01	0.03	7.42	0.51	0.49	6.29	0.01	0.03
7.43	0.58	0.42	6.29	0.01	0.03	7.44	0.58	0.42	6.28	0.01	0.03
7.45	0.58	0.42	6.28	0.01	0.03	7.46	0.51	0.49	6.27	0.01	0.03
7.47	0.51	0.49	6.26	0.01	0.03	7.48	0.51	0.49	6.26	0.01	0.03
7.49	0.52	0.48	6.25	0.01	0.03	7.50	0.53	0.47	6.25	0.01	0.03
7.51	0.62	0.38	6.25	0.01	0.02	7.52	0.62	0.38	6.24	0.01	0.02
7.53	0.63	0.37	6.24	0.01	0.02	7.54	0.63	0.37	6.23	0.01	0.02
7.55	0.62	0.38	6.22	0.01	0.02	7.56	0.62	0.38	6.22	0.01	0.02
7.57	0.61	0.39	6.21	0.01	0.02	7.58	0.61	0.39	6.21	0.01	0.02
7.59	0.53	0.47	6.21	0.01	0.03	7.60	0.54	0.46	6.20	0.01	0.03
7.61	0.55	0.45	6.20	0.01	0.03	7.62	0.56	0.44	6.19	0.01	0.03
7.63	0.56	0.44	6.18	0.01	0.03	7.64	0.55	0.45	6.18	0.01	0.03
7.65	0.64	0.36	6.17	0.01	0.02	7.66	0.63	0.37	6.17	0.01	0.02
7.67	0.62	0.38	6.17	0.01	0.02	7.68	0.61	0.39	6.16	0.01	0.02
7.69	0.61	0.39	6.16	0.01	0.02	7.70	0.61	0.39	6.15	0.01	0.02
7.71	0.61	0.39	6.14	0.01	0.02	7.72	0.61	0.39	6.14	0.01	0.02
7.73	0.63	0.37	6.13	0.01	0.02	7.74	0.67	0.33	6.13	0.01	0.02
7.75	0.69	0.31	6.13	0.01	0.02	7.76	0.70	0.30	6.12	0.01	0.02
7.77	0.71	0.29	6.12	0.01	0.02	7.78	0.71	0.29	6.11	0.01	0.02
7.79	0.71	0.29	6.11	0.01	0.02	7.80	0.70	0.30	6.10	0.01	0.02
7.81	0.70	0.30	6.09	0.01	0.02	7.82	0.60	0.40	6.09	0.01	0.02
7.83	0.61	0.39	6.08	0.01	0.02	7.84	0.61	0.39	6.08	0.01	0.02
7.85	0.62	0.38	6.08	0.01	0.02	7.86	0.63	0.37	6.07	0.01	0.02
7.87	0.63	0.37	6.07	0.01	0.02	7.88	0.64	0.36	6.06	0.01	0.02
7.89	0.64	0.36	6.05	0.01	0.02	7.90	0.64	0.36	6.05	0.01	0.02
7.91	0.64	0.36	6.04	0.01	0.02	7.92	0.65	0.35	6.04	0.01	0.02
7.93	0.65	0.35	6.04	0.01	0.02	7.94	0.65	0.35	6.03	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.95	0.66	0.34	6.03	0.01	0.02	7.96	0.66	0.34	6.02	0.01	0.02
7.97	0.65	0.35	6.01	0.01	0.02	7.98	0.65	0.35	6.01	0.01	0.02
7.99	0.66	0.34	6.00	0.01	0.02	8.00	0.66	0.34	6.00	0.01	0.02
8.01	0.65	0.35	6.00	0.01	0.02	8.02	0.65	0.35	5.99	0.01	0.02
8.03	0.64	0.36	5.99	0.01	0.02	8.04	0.64	0.36	5.98	0.01	0.02
8.05	0.63	0.37	5.97	0.01	0.02	8.06	0.62	0.38	5.97	0.01	0.02
8.07	0.62	0.38	5.96	0.01	0.02	8.08	0.61	0.39	5.96	0.01	0.02
8.09	0.60	0.40	5.96	0.01	0.02	8.10	0.69	0.31	5.95	0.01	0.02
8.11	0.69	0.31	5.95	0.01	0.02	8.12	0.68	0.32	5.94	0.01	0.02
8.13	0.68	0.32	5.93	0.01	0.02	8.14	0.67	0.33	5.93	0.01	0.02
8.15	0.66	0.34	5.92	0.01	0.02	8.16	0.66	0.34	5.92	0.01	0.02
8.17	0.66	0.34	5.92	0.01	0.02	8.18	0.67	0.33	5.91	0.01	0.02
8.19	0.69	0.31	5.91	0.01	0.02	8.20	0.72	0.28	5.90	0.01	0.02
8.21	0.74	0.26	5.89	0.01	0.02	8.22	0.77	0.23	5.89	0.01	0.01
8.23	0.78	0.22	5.88	0.01	0.01	8.24	0.78	0.22	5.88	0.01	0.01
8.25	0.78	0.22	5.88	0.01	0.01	8.26	0.77	0.23	5.87	0.01	0.01
8.27	0.77	0.23	5.87	0.01	0.01	8.28	0.67	0.33	5.86	0.01	0.02
8.29	0.68	0.32	5.86	0.01	0.02	8.30	0.69	0.31	5.85	0.01	0.02
8.31	0.70	0.30	5.84	0.01	0.02	8.32	0.70	0.30	5.84	0.01	0.02
8.33	0.71	0.29	5.83	0.01	0.02	8.34	0.71	0.29	5.83	0.01	0.02
8.35	0.70	0.30	5.83	0.01	0.02	8.36	0.69	0.31	5.82	0.01	0.02
8.37	0.68	0.32	5.82	0.01	0.02	8.38	0.66	0.34	5.81	0.01	0.02
8.39	0.65	0.35	5.80	0.01	0.02	8.40	0.63	0.37	5.80	0.01	0.02
8.41	0.62	0.38	5.79	0.01	0.02	8.42	0.61	0.39	5.79	0.01	0.02
8.43	0.70	0.30	5.79	0.01	0.02	8.44	0.69	0.31	5.78	0.01	0.02
8.45	0.69	0.31	5.78	0.01	0.02	8.46	0.69	0.31	5.77	0.01	0.02
8.47	0.68	0.32	5.76	0.01	0.02	8.48	0.67	0.33	5.76	0.01	0.02
8.49	0.66	0.34	5.75	0.01	0.02	8.50	0.65	0.35	5.75	0.01	0.02
8.51	0.64	0.36	5.75	0.01	0.02	8.52	0.63	0.37	5.74	0.01	0.02
8.53	0.62	0.38	5.74	0.01	0.02	8.54	0.61	0.39	5.73	0.01	0.02
8.55	0.60	0.40	5.72	0.01	0.02	8.56	0.60	0.40	5.72	0.01	0.02
8.57	0.61	0.39	5.71	0.01	0.02	8.58	0.63	0.37	5.71	0.01	0.02
8.59	0.65	0.35	5.71	0.01	0.02	8.60	0.67	0.33	5.70	0.01	0.02
8.61	0.69	0.31	5.70	0.01	0.02	8.62	0.70	0.30	5.69	0.01	0.02
8.63	0.70	0.30	5.68	0.01	0.02	8.64	0.68	0.32	5.68	0.01	0.02
8.65	0.66	0.34	5.67	0.01	0.02	8.66	0.65	0.35	5.67	0.01	0.02
8.67	0.65	0.35	5.67	0.01	0.02	8.68	0.65	0.35	5.66	0.01	0.02
8.69	0.64	0.36	5.66	0.01	0.02	8.70	0.64	0.36	5.65	0.01	0.02
8.71	0.61	0.39	5.64	0.01	0.02	8.72	0.59	0.41	5.64	0.01	0.02
8.73	0.58	0.42	5.63	0.01	0.02	8.74	0.58	0.42	5.63	0.01	0.02
8.75	0.57	0.43	5.63	0.01	0.02	8.76	0.56	0.44	5.62	0.01	0.02
8.77	0.48	0.52	5.62	0.01	0.03	8.78	0.48	0.52	5.61	0.01	0.03
8.79	0.47	0.53	5.61	0.01	0.03	8.80	0.47	0.53	5.60	0.01	0.03
8.81	0.55	0.45	5.59	0.01	0.03	8.82	0.55	0.45	5.59	0.01	0.03
8.83	0.55	0.45	5.58	0.01	0.02	8.84	0.56	0.44	5.58	0.01	0.02
8.85	0.58	0.42	5.58	0.01	0.02	8.86	0.59	0.41	5.57	0.01	0.02
8.87	0.61	0.39	5.57	0.01	0.02	8.88	0.61	0.39	5.56	0.01	0.02
8.89	0.61	0.39	5.55	0.01	0.02	8.90	0.60	0.40	5.55	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.91	0.59	0.41	5.54	0.01	0.02	8.92	0.58	0.42	5.54	0.01	0.02
8.93	0.57	0.43	5.54	0.01	0.02	8.94	0.57	0.43	5.53	0.01	0.02
8.95	0.58	0.42	5.53	0.01	0.02	8.96	0.60	0.40	5.52	0.01	0.02
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	0.83	0.17	5.50	0.01	0.01	9.02	0.78	0.22	5.49	0.01	0.01
9.03	0.73	0.27	5.49	0.01	0.01	9.04	0.73	0.27	5.48	0.01	0.01
9.05	0.73	0.27	5.47	0.01	0.01	9.06	0.73	0.27	5.47	0.01	0.01
9.07	0.72	0.28	5.46	0.01	0.02	9.08	0.70	0.30	5.46	0.01	0.02
9.09	0.68	0.32	5.46	0.01	0.02	9.10	0.67	0.33	5.45	0.01	0.02
9.11	0.66	0.34	5.45	0.01	0.02	9.12	0.65	0.35	5.44	0.01	0.02
9.13	0.64	0.36	5.43	0.01	0.02	9.14	0.55	0.45	5.43	0.01	0.02
9.15	0.55	0.45	5.42	0.01	0.02	9.16	0.56	0.44	5.42	0.01	0.02
9.17	0.56	0.44	5.42	0.01	0.02	9.18	0.65	0.35	5.41	0.01	0.02
9.19	0.66	0.34	5.41	0.01	0.02	9.20	0.67	0.33	5.40	0.01	0.02
9.21	0.66	0.34	5.39	0.01	0.02	9.22	0.65	0.35	5.39	0.01	0.02
9.23	0.63	0.37	5.38	0.01	0.02	9.24	0.62	0.38	5.38	0.01	0.02
9.25	0.62	0.38	5.38	0.01	0.02	9.26	0.62	0.38	5.37	0.01	0.02
9.27	0.63	0.37	5.37	0.01	0.02	9.28	0.65	0.35	5.36	0.01	0.02
9.29	0.66	0.34	5.36	0.01	0.02	9.30	0.68	0.32	5.35	0.01	0.02
9.31	0.69	0.31	5.34	0.01	0.02	9.32	0.70	0.30	5.34	0.01	0.02
9.33	0.70	0.30	5.33	0.01	0.02	9.34	0.70	0.30	5.33	0.01	0.02
9.35	0.71	0.29	5.33	0.01	0.02	9.36	0.70	0.30	5.32	0.01	0.02
9.37	0.70	0.30	5.32	0.01	0.02	9.38	0.69	0.31	5.31	0.01	0.02
9.39	0.69	0.31	5.30	0.01	0.02	9.40	0.68	0.32	5.30	0.01	0.02
9.41	0.67	0.33	5.29	0.01	0.02	9.42	0.58	0.42	5.29	0.01	0.02
9.43	0.57	0.43	5.29	0.01	0.02	9.44	0.56	0.44	5.28	0.01	0.02
9.45	0.56	0.44	5.28	0.01	0.02	9.46	0.56	0.44	5.27	0.01	0.02
9.47	0.56	0.44	5.26	0.01	0.02	9.48	0.56	0.44	5.26	0.01	0.02
9.49	0.55	0.45	5.25	0.01	0.02	9.50	0.55	0.45	5.25	0.01	0.02
9.51	0.55	0.45	5.25	0.01	0.02	9.52	0.54	0.46	5.24	0.01	0.02
9.53	0.62	0.38	5.24	0.01	0.02	9.54	0.62	0.38	5.23	0.01	0.02
9.55	0.62	0.38	5.22	0.01	0.02	9.56	0.61	0.39	5.22	0.01	0.02
9.57	0.61	0.39	5.21	0.01	0.02	9.58	0.53	0.47	5.21	0.01	0.02
9.59	0.53	0.47	5.21	0.01	0.02	9.60	0.53	0.47	5.20	0.01	0.02
9.61	0.53	0.47	5.20	0.01	0.02	9.62	0.53	0.47	5.19	0.01	0.02
9.63	0.53	0.47	5.18	0.01	0.02	9.64	0.52	0.48	5.18	0.01	0.02
9.65	0.52	0.48	5.17	0.01	0.02	9.66	0.51	0.49	5.17	0.01	0.03
9.67	0.51	0.49	5.17	0.01	0.03	9.68	0.50	0.50	5.16	0.01	0.03
9.69	0.50	0.50	5.16	0.01	0.03	9.70	0.50	0.50	5.15	0.01	0.03
9.71	0.50	0.50	5.14	0.01	0.03	9.72	0.50	0.50	5.14	0.01	0.03
9.73	0.51	0.49	5.13	0.01	0.03	9.74	0.51	0.49	5.13	0.01	0.03
9.75	0.59	0.41	5.13	0.01	0.02	9.76	0.60	0.40	5.12	0.01	0.02
9.77	0.61	0.39	5.12	0.01	0.02	9.78	0.61	0.39	5.11	0.01	0.02
9.79	0.60	0.40	5.11	0.01	0.02	9.80	0.60	0.40	5.10	0.01	0.02
9.81	0.59	0.41	5.09	0.01	0.02	9.82	0.58	0.42	5.09	0.01	0.02
9.83	0.57	0.43	5.08	0.01	0.02	9.84	0.58	0.42	5.08	0.01	0.02
9.85	0.60	0.40	5.08	0.01	0.02	9.86	0.63	0.37	5.07	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.87	0.64	0.36	5.07	0.01	0.02	9.88	0.63	0.37	5.06	0.01	0.02
9.89	0.62	0.38	5.05	0.01	0.02	9.90	0.62	0.38	5.05	0.01	0.02
9.91	0.62	0.38	5.04	0.01	0.02	9.92	0.62	0.38	5.04	0.01	0.02
9.93	0.61	0.39	5.04	0.01	0.02	9.94	0.59	0.41	5.03	0.01	0.02
9.95	0.59	0.41	5.03	0.01	0.02	9.96	0.59	0.41	5.02	0.01	0.02
9.97	0.61	0.39	5.01	0.01	0.02	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	0.68	0.32	4.95	0.01	0.02	10.12	0.64	0.36	4.94	0.01	0.02
10.13	0.62	0.38	4.93	0.01	0.02	10.14	0.62	0.38	4.93	0.01	0.02
10.15	0.62	0.38	4.92	0.01	0.02	10.16	0.62	0.38	4.92	0.01	0.02
10.17	0.62	0.38	4.92	0.01	0.02	10.18	0.61	0.39	4.91	0.01	0.02
10.19	0.61	0.39	4.91	0.01	0.02	10.20	0.61	0.39	4.90	0.01	0.02
10.21	0.60	0.40	4.89	0.01	0.02	10.22	0.58	0.42	4.89	0.01	0.02
10.23	0.58	0.42	4.88	0.01	0.02	10.24	0.58	0.42	4.88	0.01	0.02
10.25	0.59	0.41	4.88	0.01	0.02	10.26	0.61	0.39	4.87	0.01	0.02
10.27	0.63	0.37	4.87	0.01	0.02	10.28	0.64	0.36	4.86	0.01	0.02
10.29	0.64	0.36	4.86	0.01	0.02	10.30	0.63	0.37	4.85	0.01	0.02
10.31	0.63	0.37	4.84	0.01	0.02	10.32	0.63	0.37	4.84	0.01	0.02
10.33	0.63	0.37	4.83	0.01	0.02	10.34	0.62	0.38	4.83	0.01	0.02
10.35	0.61	0.39	4.83	0.01	0.02	10.36	0.60	0.40	4.82	0.01	0.02
10.37	0.59	0.41	4.82	0.01	0.02	10.38	0.59	0.41	4.81	0.01	0.02
10.39	0.59	0.41	4.80	0.01	0.02	10.40	0.60	0.40	4.80	0.01	0.02
10.41	0.63	0.37	4.79	0.01	0.02	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	0.81	0.19	4.77	0.01	0.01
10.47	0.77	0.23	4.76	0.01	0.01	10.48	0.71	0.29	4.76	0.01	0.01
10.49	0.69	0.31	4.75	0.01	0.01	10.50	0.69	0.31	4.75	0.01	0.01
10.51	0.70	0.30	4.75	0.01	0.01	10.52	0.70	0.30	4.74	0.01	0.01
10.53	0.69	0.31	4.74	0.01	0.01	10.54	0.68	0.32	4.73	0.01	0.02
10.55	0.68	0.32	4.72	0.01	0.02	10.56	0.67	0.33	4.72	0.01	0.02
10.57	0.58	0.42	4.71	0.01	0.02	10.58	0.57	0.43	4.71	0.01	0.02
10.59	0.56	0.44	4.71	0.01	0.02	10.60	0.55	0.45	4.70	0.01	0.02
10.61	0.54	0.46	4.70	0.01	0.02	10.62	0.60	0.40	4.69	0.01	0.02
10.63	0.59	0.41	4.68	0.01	0.02	10.64	0.59	0.41	4.68	0.01	0.02
10.65	0.59	0.41	4.67	0.01	0.02	10.66	0.61	0.39	4.67	0.01	0.02
10.67	0.63	0.37	4.67	0.01	0.02	10.68	0.66	0.34	4.66	0.01	0.02
10.69	0.67	0.33	4.66	0.01	0.02	10.70	0.65	0.35	4.65	0.01	0.02
10.71	0.64	0.36	4.64	0.01	0.02	10.72	0.64	0.36	4.64	0.01	0.02
10.73	0.65	0.35	4.63	0.01	0.02	10.74	0.66	0.34	4.63	0.01	0.02
10.75	0.66	0.34	4.63	0.01	0.02	10.76	0.66	0.34	4.62	0.01	0.02
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	0.48	0.52	3.83	0.01	0.02	12.34	0.49	0.51	3.83	0.01	0.02
12.35	0.39	0.61	3.83	0.01	0.02	12.36	0.39	0.61	3.82	0.01	0.02
12.37	0.50	0.50	3.81	0.01	0.02	12.38	0.51	0.49	3.81	0.01	0.02
12.39	0.52	0.48	3.81	0.01	0.02	12.40	0.55	0.45	3.80	0.01	0.02
12.41	0.58	0.42	3.79	0.01	0.02	12.42	0.60	0.40	3.79	0.01	0.02
12.43	0.59	0.41	3.79	0.01	0.02	12.44	0.59	0.41	3.78	0.01	0.02
12.45	0.59	0.41	3.77	0.01	0.02	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	0.67	0.33	3.16	0.01	0.01
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.71	2.00	0.00	3.15	0.01	0.00	13.72	2.00	0.00	3.14	0.01	0.00
13.73	2.00	0.00	3.13	0.01	0.00	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	2.00	0.00	3.10	0.01	0.00
13.81	2.00	0.00	3.10	0.01	0.00	13.82	2.00	0.00	3.09	0.01	0.00
13.83	2.00	0.00	3.08	0.01	0.00	13.84	2.00	0.00	3.08	0.01	0.00
13.85	2.00	0.00	3.08	0.01	0.00	13.86	2.00	0.00	3.07	0.01	0.00
13.87	2.00	0.00	3.06	0.01	0.00	13.88	2.00	0.00	3.06	0.01	0.00
13.89	2.00	0.00	3.06	0.01	0.00	13.90	2.00	0.00	3.05	0.01	0.00
13.91	2.00	0.00	3.04	0.01	0.00	13.92	2.00	0.00	3.04	0.01	0.00
13.93	2.00	0.00	3.04	0.01	0.00	13.94	2.00	0.00	3.03	0.01	0.00
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	2.00	0.00	2.96	0.01	0.00	14.08	2.00	0.00	2.96	0.01	0.00
14.09	2.00	0.00	2.96	0.01	0.00	14.10	2.00	0.00	2.95	0.01	0.00
14.11	2.00	0.00	2.94	0.01	0.00	14.12	2.00	0.00	2.94	0.01	0.00
14.13	2.00	0.00	2.94	0.01	0.00	14.14	2.00	0.00	2.93	0.01	0.00
14.15	2.00	0.00	2.92	0.01	0.00	14.16	2.00	0.00	2.92	0.01	0.00
14.17	2.00	0.00	2.92	0.01	0.00	14.18	2.00	0.00	2.91	0.01	0.00
14.19	2.00	0.00	2.90	0.01	0.00	14.20	2.00	0.00	2.90	0.01	0.00
14.21	2.00	0.00	2.90	0.01	0.00	14.22	2.00	0.00	2.89	0.01	0.00
14.23	2.00	0.00	2.88	0.01	0.00	14.24	0.54	0.46	2.88	0.01	0.01
14.25	0.55	0.45	2.88	0.01	0.01	14.26	0.56	0.44	2.87	0.01	0.01
14.27	0.56	0.44	2.87	0.01	0.01	14.28	0.56	0.44	2.86	0.01	0.01
14.29	0.45	0.55	2.85	0.01	0.02	14.30	0.57	0.43	2.85	0.01	0.01
14.31	0.58	0.42	2.85	0.01	0.01	14.32	0.60	0.40	2.84	0.01	0.01
14.33	0.61	0.39	2.83	0.01	0.01	14.34	0.62	0.38	2.83	0.01	0.01
14.35	0.65	0.35	2.83	0.01	0.01	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	0.78	0.22	2.77	0.01	0.01
14.47	0.78	0.22	2.77	0.01	0.01	14.48	0.80	0.20	2.76	0.01	0.01
14.49	0.84	0.16	2.75	0.01	0.00	14.50	0.89	0.11	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00

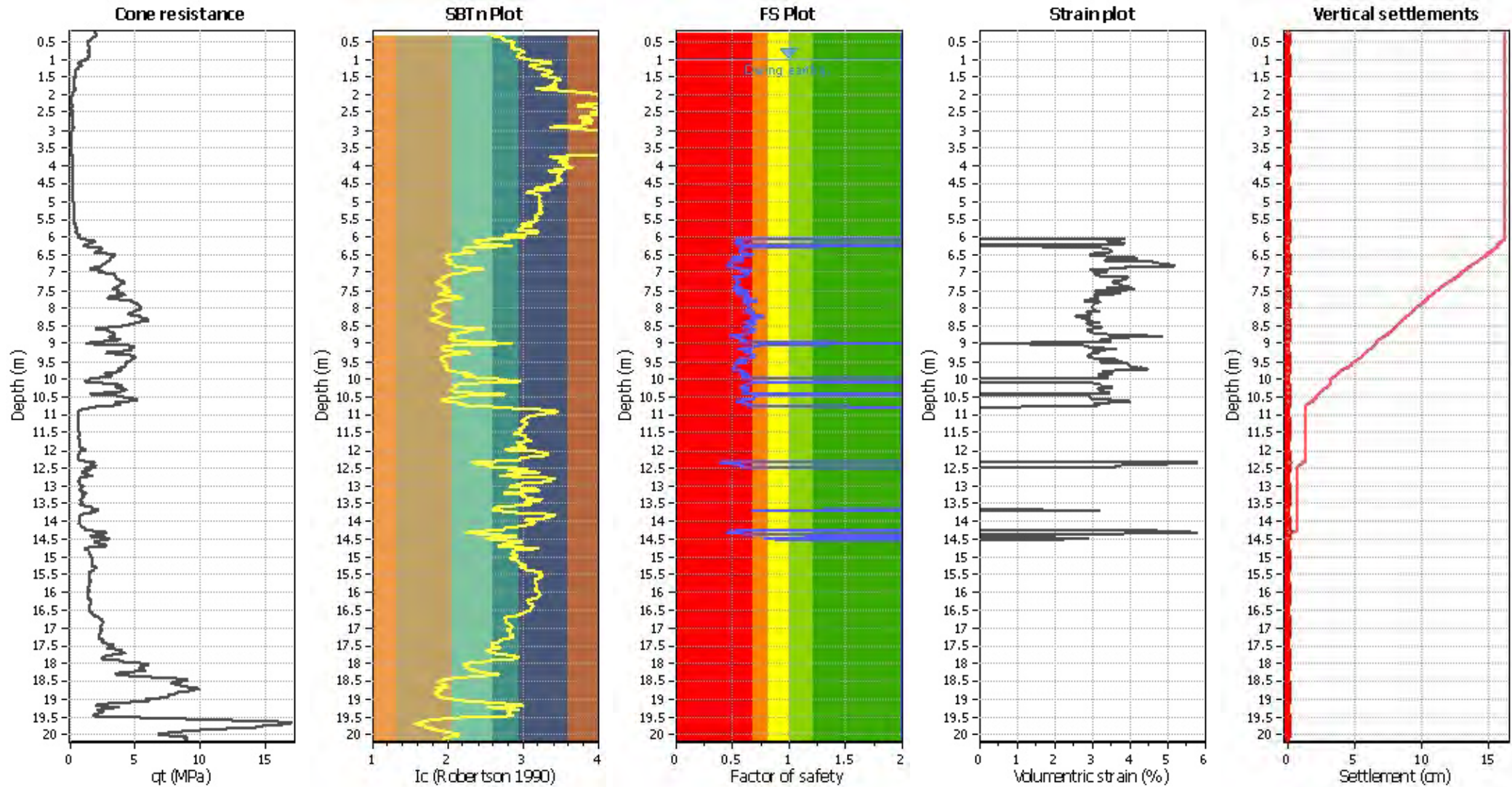
**Overall liquefaction potential: 10.64**

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<sub>L</sub>: 1 - FS  
 w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
 d<sub>z</sub>: Layer thickness (m)  
 LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- q<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain



<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	147.21	2.00	0.00	1.00	0.00	1.01	147.22	2.00	0.00	1.00	0.00
1.02	146.37	2.00	0.00	1.00	0.00	1.03	145.23	2.00	0.00	1.00	0.00
1.04	143.87	2.00	0.00	1.00	0.00	1.05	142.62	2.00	0.00	1.00	0.00
1.06	141.03	2.00	0.00	1.00	0.00	1.07	139.53	2.00	0.00	1.00	0.00
1.08	137.53	2.00	0.00	1.00	0.00	1.09	134.76	2.00	0.00	1.00	0.00
1.10	131.88	2.00	0.00	1.00	0.00	1.11	128.82	2.00	0.00	1.00	0.00
1.12	126.58	2.00	0.00	1.00	0.00	1.13	124.95	2.00	0.00	1.00	0.00
1.14	123.04	2.00	0.00	1.00	0.00	1.15	120.19	2.00	0.00	1.00	0.00
1.16	116.32	2.00	0.00	1.00	0.00	1.17	113.28	2.00	0.00	1.00	0.00
1.18	109.68	2.00	0.00	1.00	0.00	1.19	104.70	2.00	0.00	1.00	0.00
1.20	99.38	2.00	0.00	1.00	0.00	1.21	94.47	2.00	0.00	1.00	0.00
1.22	91.43	2.00	0.00	1.00	0.00	1.23	88.95	2.00	0.00	1.00	0.00
1.24	85.90	2.00	0.00	1.00	0.00	1.25	82.97	2.00	0.00	1.00	0.00
1.26	80.23	2.00	0.00	1.00	0.00	1.27	78.51	2.00	0.00	1.00	0.00
1.28	77.06	2.00	0.00	1.00	0.00	1.29	75.86	2.00	0.00	1.00	0.00
1.30	75.05	2.00	0.00	1.00	0.00	1.31	74.69	2.00	0.00	1.00	0.00
1.32	74.46	2.00	0.00	1.00	0.00	1.33	74.29	2.00	0.00	1.00	0.00
1.34	73.88	2.00	0.00	1.00	0.00	1.35	73.51	2.00	0.00	1.00	0.00
1.36	72.97	2.00	0.00	1.00	0.00	1.37	72.16	2.00	0.00	1.00	0.00
1.38	70.96	2.00	0.00	1.00	0.00	1.39	69.74	2.00	0.00	1.00	0.00
1.40	68.69	2.00	0.00	1.00	0.00	1.41	67.95	2.00	0.00	1.00	0.00
1.42	67.19	2.00	0.00	1.00	0.00	1.43	66.67	2.00	0.00	1.00	0.00
1.44	66.06	2.00	0.00	1.00	0.00	1.45	65.63	2.00	0.00	1.00	0.00
1.46	65.24	2.00	0.00	1.00	0.00	1.47	64.77	2.00	0.00	1.00	0.00
1.48	64.35	2.00	0.00	1.00	0.00	1.49	63.83	2.00	0.00	1.00	0.00
1.50	63.52	2.00	0.00	1.00	0.00	1.51	63.31	2.00	0.00	1.00	0.00
1.52	63.22	2.00	0.00	1.00	0.00	1.53	63.24	2.00	0.00	1.00	0.00
1.54	63.10	2.00	0.00	1.00	0.00	1.55	62.83	2.00	0.00	1.00	0.00
1.56	62.43	2.00	0.00	1.00	0.00	1.57	61.90	2.00	0.00	1.00	0.00
1.58	61.42	2.00	0.00	1.00	0.00	1.59	60.79	2.00	0.00	1.00	0.00
1.60	60.29	2.00	0.00	1.00	0.00	1.61	59.67	2.00	0.00	1.00	0.00
1.62	58.84	2.00	0.00	1.00	0.00	1.63	58.11	2.00	0.00	1.00	0.00
1.64	57.28	2.00	0.00	1.00	0.00	1.65	56.57	2.00	0.00	1.00	0.00
1.66	55.76	2.00	0.00	1.00	0.00	1.67	54.89	2.00	0.00	1.00	0.00
1.68	54.22	2.00	0.00	1.00	0.00	1.69	53.69	2.00	0.00	1.00	0.00
1.70	53.46	2.00	0.00	1.00	0.00	1.71	53.36	2.00	0.00	1.00	0.00
1.72	51.60	2.00	0.00	1.00	0.00	1.73	50.83	2.00	0.00	1.00	0.00
1.74	50.02	2.00	0.00	1.00	0.00	1.75	51.12	2.00	0.00	1.00	0.00
1.76	51.08	2.00	0.00	1.00	0.00	1.77	51.35	2.00	0.00	1.00	0.00
1.78	51.68	2.00	0.00	1.00	0.00	1.79	52.14	2.00	0.00	1.00	0.00
1.80	52.00	2.00	0.00	1.00	0.00	1.81	51.79	2.00	0.00	1.00	0.00
1.82	51.26	2.00	0.00	1.00	0.00	1.83	51.51	2.00	0.00	1.00	0.00
1.84	52.41	2.00	0.00	1.00	0.00	1.85	53.04	2.00	0.00	1.00	0.00
1.86	53.76	2.00	0.00	1.00	0.00	1.87	53.77	2.00	0.00	1.00	0.00
1.88	53.88	2.00	0.00	1.00	0.00	1.89	54.04	2.00	0.00	1.00	0.00
1.90	54.09	2.00	0.00	1.00	0.00	1.91	53.98	2.00	0.00	1.00	0.00
1.92	53.17	2.00	0.00	1.00	0.00	1.93	51.92	2.00	0.00	1.00	0.00
1.94	50.37	2.00	0.00	1.00	0.00	1.95	48.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	47.65	2.00	0.00	1.00	0.00	1.97	46.69	2.00	0.00	1.00	0.00
1.98	45.31	2.00	0.00	1.00	0.00	1.99	44.11	2.00	0.00	1.00	0.00
2.00	42.08	2.00	0.00	1.00	0.00	2.01	40.77	2.00	0.00	1.00	0.00
2.02	39.54	2.00	0.00	1.00	0.00	2.03	38.46	2.00	0.00	1.00	0.00
2.04	36.83	2.00	0.00	1.00	0.00	2.05	32.52	2.00	0.00	1.00	0.00
2.06	27.93	2.00	0.00	1.00	0.00	2.07	24.84	2.00	0.00	1.00	0.00
2.08	21.74	2.00	0.00	1.00	0.00	2.09	20.15	2.00	0.00	1.00	0.00
2.10	18.58	2.00	0.00	1.00	0.00	2.11	18.52	2.00	0.00	1.00	0.00
2.12	16.94	2.00	0.00	1.00	0.00	2.13	15.36	2.00	0.00	1.00	0.00
2.14	13.78	2.00	0.00	1.00	0.00	2.15	13.72	2.00	0.00	1.00	0.00
2.16	13.67	2.00	0.00	1.00	0.00	2.17	13.61	2.00	0.00	1.00	0.00
2.18	13.55	2.00	0.00	1.00	0.00	2.19	14.99	2.00	0.00	1.00	0.00
2.20	16.45	2.00	0.00	1.00	0.00	2.21	19.46	2.00	0.00	1.00	0.00
2.22	22.53	2.00	0.00	1.00	0.00	2.23	25.21	2.00	0.00	1.00	0.00
2.24	26.38	2.00	0.00	1.00	0.00	2.25	27.31	2.00	0.00	1.00	0.00
2.26	28.07	2.00	0.00	1.00	0.00	2.27	28.78	2.00	0.00	1.00	0.00
2.28	29.15	2.00	0.00	1.00	0.00	2.29	29.54	2.00	0.00	1.00	0.00
2.30	29.87	2.00	0.00	1.00	0.00	2.31	30.62	2.00	0.00	1.00	0.00
2.32	31.22	2.00	0.00	1.00	0.00	2.33	31.69	2.00	0.00	1.00	0.00
2.34	31.32	2.00	0.00	1.00	0.00	2.35	31.09	2.00	0.00	1.00	0.00
2.36	26.97	2.00	0.00	1.00	0.00	2.37	25.40	2.00	0.00	1.00	0.00
2.38	23.85	2.00	0.00	1.00	0.00	2.39	23.81	2.00	0.00	1.00	0.00
2.40	23.79	2.00	0.00	1.00	0.00	2.41	23.76	2.00	0.00	1.00	0.00
2.42	25.24	2.00	0.00	1.00	0.00	2.43	29.79	2.00	0.00	1.00	0.00
2.44	34.37	2.00	0.00	1.00	0.00	2.45	35.45	2.00	0.00	1.00	0.00
2.46	35.66	2.00	0.00	1.00	0.00	2.47	35.72	2.00	0.00	1.00	0.00
2.48	35.12	2.00	0.00	1.00	0.00	2.49	34.02	2.00	0.00	1.00	0.00
2.50	32.46	2.00	0.00	1.00	0.00	2.51	31.68	2.00	0.00	1.00	0.00
2.52	30.48	2.00	0.00	1.00	0.00	2.53	29.84	2.00	0.00	1.00	0.00
2.54	28.49	2.00	0.00	1.00	0.00	2.55	29.69	2.00	0.00	1.00	0.00
2.56	30.82	2.00	0.00	1.00	0.00	2.57	31.79	2.00	0.00	1.00	0.00
2.58	32.67	2.00	0.00	1.00	0.00	2.59	33.03	2.00	0.00	1.00	0.00
2.60	33.91	2.00	0.00	1.00	0.00	2.61	34.39	2.00	0.00	1.00	0.00
2.62	35.09	2.00	0.00	1.00	0.00	2.63	35.31	2.00	0.00	1.00	0.00
2.64	35.08	2.00	0.00	1.00	0.00	2.65	34.90	2.00	0.00	1.00	0.00
2.66	34.46	2.00	0.00	1.00	0.00	2.67	34.14	2.00	0.00	1.00	0.00
2.68	33.47	2.00	0.00	1.00	0.00	2.69	32.72	2.00	0.00	1.00	0.00
2.70	32.30	2.00	0.00	1.00	0.00	2.71	31.84	2.00	0.00	1.00	0.00
2.72	31.85	2.00	0.00	1.00	0.00	2.73	31.39	2.00	0.00	1.00	0.00
2.74	30.92	2.00	0.00	1.00	0.00	2.75	30.99	2.00	0.00	1.00	0.00
2.76	30.97	2.00	0.00	1.00	0.00	2.77	30.80	2.00	0.00	1.00	0.00
2.78	30.36	2.00	0.00	1.00	0.00	2.79	30.25	2.00	0.00	1.00	0.00
2.80	31.68	2.00	0.00	1.00	0.00	2.81	32.63	2.00	0.00	1.00	0.00
2.82	33.46	2.00	0.00	1.00	0.00	2.83	32.62	2.00	0.00	1.00	0.00
2.84	32.55	2.00	0.00	1.00	0.00	2.85	32.69	2.00	0.00	1.00	0.00
2.86	33.10	2.00	0.00	1.00	0.00	2.87	34.42	2.00	0.00	1.00	0.00
2.88	36.29	2.00	0.00	1.00	0.00	2.89	37.96	2.00	0.00	1.00	0.00
2.90	39.07	2.00	0.00	1.00	0.00	2.91	39.77	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	40.57	2.00	0.00	1.00	0.00	2.93	41.32	2.00	0.00	1.00	0.00
2.94	41.69	2.00	0.00	1.00	0.00	2.95	41.51	2.00	0.00	1.00	0.00
2.96	41.25	2.00	0.00	1.00	0.00	2.97	40.86	2.00	0.00	1.00	0.00
2.98	40.47	2.00	0.00	1.00	0.00	2.99	39.99	2.00	0.00	1.00	0.00
3.00	38.48	2.00	0.00	1.00	0.00	3.01	36.04	2.00	0.00	1.00	0.00
3.02	30.94	2.00	0.00	1.00	0.00	3.03	27.86	2.00	0.00	1.00	0.00
3.04	26.30	2.00	0.00	1.00	0.00	3.05	23.23	2.00	0.00	1.00	0.00
3.06	21.65	2.00	0.00	1.00	0.00	3.07	18.56	2.00	0.00	1.00	0.00
3.08	16.98	2.00	0.00	1.00	0.00	3.09	15.39	2.00	0.00	1.00	0.00
3.10	15.29	2.00	0.00	1.00	0.00	3.11	16.71	2.00	0.00	1.00	0.00
3.12	18.12	2.00	0.00	1.00	0.00	3.13	19.54	2.00	0.00	1.00	0.00
3.14	20.98	2.00	0.00	1.00	0.00	3.15	22.44	2.00	0.00	1.00	0.00
3.16	23.95	2.00	0.00	1.00	0.00	3.17	22.47	2.00	0.00	1.00	0.00
3.18	20.99	2.00	0.00	1.00	0.00	3.19	21.01	2.00	0.00	1.00	0.00
3.20	24.09	2.00	0.00	1.00	0.00	3.21	25.94	2.00	0.00	1.00	0.00
3.22	26.06	2.00	0.00	1.00	0.00	3.23	25.72	2.00	0.00	1.00	0.00
3.24	24.55	2.00	0.00	1.00	0.00	3.25	24.48	2.00	0.00	1.00	0.00
3.26	24.39	2.00	0.00	1.00	0.00	3.27	22.79	2.00	0.00	1.00	0.00
3.28	21.20	2.00	0.00	1.00	0.00	3.29	19.62	2.00	0.00	1.00	0.00
3.30	18.03	2.00	0.00	1.00	0.00	3.31	16.44	2.00	0.00	1.00	0.00
3.32	14.85	2.00	0.00	1.00	0.00	3.33	14.77	2.00	0.00	1.00	0.00
3.34	13.19	2.00	0.00	1.00	0.00	3.35	11.60	2.00	0.00	1.00	0.00
3.36	10.01	2.00	0.00	1.00	0.00	3.37	9.93	2.00	0.00	1.00	0.00
3.38	9.85	2.00	0.00	1.00	0.00	3.39	11.28	2.00	0.00	1.00	0.00
3.40	12.71	2.00	0.00	1.00	0.00	3.41	14.15	2.00	0.00	1.00	0.00
3.42	14.08	2.00	0.00	1.00	0.00	3.43	15.53	2.00	0.00	1.00	0.00
3.44	16.98	2.00	0.00	1.00	0.00	3.45	18.42	2.00	0.00	1.00	0.00
3.46	18.35	2.00	0.00	1.00	0.00	3.47	18.29	2.00	0.00	1.00	0.00
3.48	18.23	2.00	0.00	1.00	0.00	3.49	19.62	2.00	0.00	1.00	0.00
3.50	19.54	2.00	0.00	1.00	0.00	3.51	19.51	2.00	0.00	1.00	0.00
3.52	17.93	2.00	0.00	1.00	0.00	3.53	17.85	2.00	0.00	1.00	0.00
3.54	16.25	2.00	0.00	1.00	0.00	3.55	14.66	2.00	0.00	1.00	0.00
3.56	13.07	2.00	0.00	1.00	0.00	3.57	13.00	2.00	0.00	1.00	0.00
3.58	12.94	2.00	0.00	1.00	0.00	3.59	12.89	2.00	0.00	1.00	0.00
3.60	12.86	2.00	0.00	1.00	0.00	3.61	14.33	2.00	0.00	1.00	0.00
3.62	15.81	2.00	0.00	1.00	0.00	3.63	17.25	2.00	0.00	1.00	0.00
3.64	17.19	2.00	0.00	1.00	0.00	3.65	17.11	2.00	0.00	1.00	0.00
3.66	17.04	2.00	0.00	1.00	0.00	3.67	16.97	2.00	0.00	1.00	0.00
3.68	16.92	2.00	0.00	1.00	0.00	3.69	16.88	2.00	0.00	1.00	0.00
3.70	16.83	2.00	0.00	1.00	0.00	3.71	19.42	2.00	0.00	1.00	0.00
3.72	18.86	2.00	0.00	1.00	0.00	3.73	15.83	2.00	0.00	1.00	0.00
3.74	15.74	2.00	0.00	1.00	0.00	3.75	15.64	2.00	0.00	1.00	0.00
3.76	15.96	2.00	0.00	1.00	0.00	3.77	16.57	2.00	0.00	1.00	0.00
3.78	17.40	2.00	0.00	1.00	0.00	3.79	17.82	2.00	0.00	1.00	0.00
3.80	18.13	2.00	0.00	1.00	0.00	3.81	18.17	2.00	0.00	1.00	0.00
3.82	18.23	2.00	0.00	1.00	0.00	3.83	18.11	2.00	0.00	1.00	0.00
3.84	18.05	2.00	0.00	1.00	0.00	3.85	18.26	2.00	0.00	1.00	0.00
3.86	18.43	2.00	0.00	1.00	0.00	3.87	18.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	18.23	2.00	0.00	1.00	0.00	3.89	17.99	2.00	0.00	1.00	0.00
3.90	17.82	2.00	0.00	1.00	0.00	3.91	17.82	2.00	0.00	1.00	0.00
3.92	18.24	2.00	0.00	1.00	0.00	3.93	18.37	2.00	0.00	1.00	0.00
3.94	18.33	2.00	0.00	1.00	0.00	3.95	17.95	2.00	0.00	1.00	0.00
3.96	17.97	2.00	0.00	1.00	0.00	3.97	17.76	2.00	0.00	1.00	0.00
3.98	17.70	2.00	0.00	1.00	0.00	3.99	17.57	2.00	0.00	1.00	0.00
4.00	17.71	2.00	0.00	1.00	0.00	4.01	17.77	2.00	0.00	1.00	0.00
4.02	17.40	2.00	0.00	1.00	0.00	4.03	16.94	2.00	0.00	1.00	0.00
4.04	16.42	2.00	0.00	1.00	0.00	4.05	15.92	2.00	0.00	1.00	0.00
4.06	15.67	2.00	0.00	1.00	0.00	4.07	15.51	2.00	0.00	1.00	0.00
4.08	15.86	2.00	0.00	1.00	0.00	4.09	16.00	2.00	0.00	1.00	0.00
4.10	16.23	2.00	0.00	1.00	0.00	4.11	16.53	2.00	0.00	1.00	0.00
4.12	17.12	2.00	0.00	1.00	0.00	4.13	17.61	2.00	0.00	1.00	0.00
4.14	18.07	2.00	0.00	1.00	0.00	4.15	18.43	2.00	0.00	1.00	0.00
4.16	18.86	2.00	0.00	1.00	0.00	4.17	18.82	2.00	0.00	1.00	0.00
4.18	18.67	2.00	0.00	1.00	0.00	4.19	18.25	2.00	0.00	1.00	0.00
4.20	18.11	2.00	0.00	1.00	0.00	4.21	17.96	2.00	0.00	1.00	0.00
4.22	17.95	2.00	0.00	1.00	0.00	4.23	17.94	2.00	0.00	1.00	0.00
4.24	17.94	2.00	0.00	1.00	0.00	4.25	17.93	2.00	0.00	1.00	0.00
4.26	17.93	2.00	0.00	1.00	0.00	4.27	17.92	2.00	0.00	1.00	0.00
4.28	17.69	2.00	0.00	1.00	0.00	4.29	17.44	2.00	0.00	1.00	0.00
4.30	17.19	2.00	0.00	1.00	0.00	4.31	17.18	2.00	0.00	1.00	0.00
4.32	17.07	2.00	0.00	1.00	0.00	4.33	17.07	2.00	0.00	1.00	0.00
4.34	17.33	2.00	0.00	1.00	0.00	4.35	17.57	2.00	0.00	1.00	0.00
4.36	17.94	2.00	0.00	1.00	0.00	4.37	18.01	2.00	0.00	1.00	0.00
4.38	18.33	2.00	0.00	1.00	0.00	4.39	18.46	2.00	0.00	1.00	0.00
4.40	18.90	2.00	0.00	1.00	0.00	4.41	19.25	2.00	0.00	1.00	0.00
4.42	19.67	2.00	0.00	1.00	0.00	4.43	19.92	2.00	0.00	1.00	0.00
4.44	20.06	2.00	0.00	1.00	0.00	4.45	19.94	2.00	0.00	1.00	0.00
4.46	19.76	2.00	0.00	1.00	0.00	4.47	19.63	2.00	0.00	1.00	0.00
4.48	19.99	2.00	0.00	1.00	0.00	4.49	20.34	2.00	0.00	1.00	0.00
4.50	20.73	2.00	0.00	1.00	0.00	4.51	20.79	2.00	0.00	1.00	0.00
4.52	20.84	2.00	0.00	1.00	0.00	4.53	21.19	2.00	0.00	1.00	0.00
4.54	21.60	2.00	0.00	1.00	0.00	4.55	21.94	2.00	0.00	1.00	0.00
4.56	22.45	2.00	0.00	1.00	0.00	4.57	22.56	2.00	0.00	1.00	0.00
4.58	22.63	2.00	0.00	1.00	0.00	4.59	22.44	2.00	0.00	1.00	0.00
4.60	22.52	2.00	0.00	1.00	0.00	4.61	22.88	2.00	0.00	1.00	0.00
4.62	22.68	2.00	0.00	1.00	0.00	4.63	22.18	2.00	0.00	1.00	0.00
4.64	21.92	2.00	0.00	1.00	0.00	4.65	21.94	2.00	0.00	1.00	0.00
4.66	22.13	2.00	0.00	1.00	0.00	4.67	22.06	2.00	0.00	1.00	0.00
4.68	22.05	2.00	0.00	1.00	0.00	4.69	22.17	2.00	0.00	1.00	0.00
4.70	21.30	2.00	0.00	1.00	0.00	4.71	20.14	2.00	0.00	1.00	0.00
4.72	18.82	2.00	0.00	1.00	0.00	4.73	18.90	2.00	0.00	1.00	0.00
4.74	19.08	2.00	0.00	1.00	0.00	4.75	19.38	2.00	0.00	1.00	0.00
4.76	19.33	2.00	0.00	1.00	0.00	4.77	20.11	2.00	0.00	1.00	0.00
4.78	21.10	2.00	0.00	1.00	0.00	4.79	22.20	2.00	0.00	1.00	0.00
4.80	22.55	2.00	0.00	1.00	0.00	4.81	23.20	2.00	0.00	1.00	0.00
4.82	23.58	2.00	0.00	1.00	0.00	4.83	23.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
4.84	23.42	2.00	0.00	1.00	0.00	4.85	23.86	2.00	0.00	1.00	0.00
4.86	23.86	2.00	0.00	1.00	0.00	4.87	23.98	2.00	0.00	1.00	0.00
4.88	23.35	2.00	0.00	1.00	0.00	4.89	23.41	2.00	0.00	1.00	0.00
4.90	23.41	2.00	0.00	1.00	0.00	4.91	23.27	2.00	0.00	1.00	0.00
4.92	23.06	2.00	0.00	1.00	0.00	4.93	23.06	2.00	0.00	1.00	0.00
4.94	23.26	2.00	0.00	1.00	0.00	4.95	23.59	2.00	0.00	1.00	0.00
4.96	23.83	2.00	0.00	1.00	0.00	4.97	24.25	2.00	0.00	1.00	0.00
4.98	24.76	2.00	0.00	1.00	0.00	4.99	25.03	2.00	0.00	1.00	0.00
5.00	25.13	2.00	0.00	1.00	0.00	5.01	25.12	2.00	0.00	1.00	0.00
5.02	25.50	2.00	0.00	1.00	0.00	5.03	25.97	2.00	0.00	1.00	0.00
5.04	26.53	2.00	0.00	1.00	0.00	5.05	26.97	2.00	0.00	1.00	0.00
5.06	27.37	2.00	0.00	1.00	0.00	5.07	27.43	2.00	0.00	1.00	0.00
5.08	27.43	2.00	0.00	1.00	0.00	5.09	27.41	2.00	0.00	1.00	0.00
5.10	27.50	2.00	0.00	1.00	0.00	5.11	27.50	2.00	0.00	1.00	0.00
5.12	27.64	2.00	0.00	1.00	0.00	5.13	28.06	2.00	0.00	1.00	0.00
5.14	28.61	2.00	0.00	1.00	0.00	5.15	28.96	2.00	0.00	1.00	0.00
5.16	29.09	2.00	0.00	1.00	0.00	5.17	29.14	2.00	0.00	1.00	0.00
5.18	29.19	2.00	0.00	1.00	0.00	5.19	29.27	2.00	0.00	1.00	0.00
5.20	29.44	2.00	0.00	1.00	0.00	5.21	29.71	2.00	0.00	1.00	0.00
5.22	30.01	2.00	0.00	1.00	0.00	5.23	30.31	2.00	0.00	1.00	0.00
5.24	30.59	2.00	0.00	1.00	0.00	5.25	30.76	2.00	0.00	1.00	0.00
5.26	30.83	2.00	0.00	1.00	0.00	5.27	30.80	2.00	0.00	1.00	0.00
5.28	30.84	2.00	0.00	1.00	0.00	5.29	30.80	2.00	0.00	1.00	0.00
5.30	30.75	2.00	0.00	1.00	0.00	5.31	30.62	2.00	0.00	1.00	0.00
5.32	30.32	2.00	0.00	1.00	0.00	5.33	30.17	2.00	0.00	1.00	0.00
5.34	29.66	2.00	0.00	1.00	0.00	5.35	29.35	2.00	0.00	1.00	0.00
5.36	28.85	2.00	0.00	1.00	0.00	5.37	28.38	2.00	0.00	1.00	0.00
5.38	27.81	2.00	0.00	1.00	0.00	5.39	27.26	2.00	0.00	1.00	0.00
5.40	27.18	2.00	0.00	1.00	0.00	5.41	27.31	2.00	0.00	1.00	0.00
5.42	27.39	2.00	0.00	1.00	0.00	5.43	27.34	2.00	0.00	1.00	0.00
5.44	27.14	2.00	0.00	1.00	0.00	5.45	27.06	2.00	0.00	1.00	0.00
5.46	27.03	2.00	0.00	1.00	0.00	5.47	26.94	2.00	0.00	1.00	0.00
5.48	26.81	2.00	0.00	1.00	0.00	5.49	26.87	2.00	0.00	1.00	0.00
5.50	27.24	2.00	0.00	1.00	0.00	5.51	27.83	2.00	0.00	1.00	0.00
5.52	28.36	2.00	0.00	1.00	0.00	5.53	28.65	2.00	0.00	1.00	0.00
5.54	28.56	2.00	0.00	1.00	0.00	5.55	28.30	2.00	0.00	1.00	0.00
5.56	28.03	2.00	0.00	1.00	0.00	5.57	27.75	2.00	0.00	1.00	0.00
5.58	27.54	2.00	0.00	1.00	0.00	5.59	27.38	2.00	0.00	1.00	0.00
5.60	27.81	2.00	0.00	1.00	0.00	5.61	28.44	2.00	0.00	1.00	0.00
5.62	29.12	2.00	0.00	1.00	0.00	5.63	29.71	2.00	0.00	1.00	0.00
5.64	30.10	2.00	0.00	1.00	0.00	5.65	31.84	2.00	0.00	1.00	0.00
5.66	33.74	2.00	0.00	1.00	0.00	5.67	35.72	2.00	0.00	1.00	0.00
5.68	36.70	2.00	0.00	1.00	0.00	5.69	37.18	2.00	0.00	1.00	0.00
5.70	37.39	2.00	0.00	1.00	0.00	5.71	36.91	2.00	0.00	1.00	0.00
5.72	37.01	2.00	0.00	1.00	0.00	5.73	37.98	2.00	0.00	1.00	0.00
5.74	39.52	2.00	0.00	1.00	0.00	5.75	40.50	2.00	0.00	1.00	0.00
5.76	41.57	2.00	0.00	1.00	0.00	5.77	43.21	2.00	0.00	1.00	0.00
5.78	44.67	2.00	0.00	1.00	0.00	5.79	45.62	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	46.46	2.00	0.00	1.00	0.00	5.81	47.51	2.00	0.00	1.00	0.00
5.82	49.08	2.00	0.00	1.00	0.00	5.83	51.33	2.00	0.00	1.00	0.00
5.84	52.59	2.00	0.00	1.00	0.00	5.85	52.34	2.00	0.00	1.00	0.00
5.86	50.84	2.00	0.00	1.00	0.00	5.87	49.33	2.00	0.00	1.00	0.00
5.88	48.42	2.00	0.00	1.00	0.00	5.89	47.89	2.00	0.00	1.00	0.00
5.90	47.76	2.00	0.00	1.00	0.00	5.91	47.73	2.00	0.00	1.00	0.00
5.92	48.39	2.00	0.00	1.00	0.00	5.93	49.20	2.00	0.00	1.00	0.00
5.94	50.60	2.00	0.00	1.00	0.00	5.95	53.36	2.00	0.00	1.00	0.00
5.96	56.18	2.00	0.00	1.00	0.00	5.97	57.89	2.00	0.00	1.00	0.00
5.98	57.29	2.00	0.00	1.00	0.00	5.99	55.94	2.00	0.00	1.00	0.00
6.00	54.09	2.00	0.00	1.00	0.00	6.01	52.50	2.00	0.00	1.00	0.00
6.02	50.91	2.00	0.00	1.00	0.00	6.03	50.29	2.00	0.00	1.00	0.00
6.04	49.93	2.00	0.00	1.00	0.00	6.05	51.21	2.00	0.00	1.00	0.00
6.06	53.85	0.53	3.88	1.00	0.04	6.07	56.44	0.54	3.74	1.00	0.04
6.08	58.59	0.55	3.62	1.00	0.04	6.09	60.30	0.56	3.54	1.00	0.04
6.10	62.55	0.57	3.43	1.00	0.03	6.11	63.73	0.58	3.38	1.00	0.03
6.12	63.40	0.58	3.40	1.00	0.03	6.13	62.25	0.57	3.45	1.00	0.03
6.14	61.33	0.57	3.49	1.00	0.03	6.15	60.28	0.56	3.54	1.00	0.04
6.16	57.84	0.55	3.66	1.00	0.04	6.17	55.21	0.53	3.80	1.00	0.04
6.18	53.90	0.53	3.88	1.00	0.04	6.19	55.50	0.53	3.79	1.00	0.04
6.20	57.96	0.55	3.65	1.00	0.04	6.21	61.35	0.56	3.49	1.00	0.03
6.22	66.49	2.00	0.00	1.00	0.00	6.23	71.96	2.00	0.00	1.00	0.00
6.24	76.67	2.00	0.00	1.00	0.00	6.25	77.57	2.00	0.00	1.00	0.00
6.26	75.14	2.00	0.00	1.00	0.00	6.27	70.85	0.63	3.10	1.00	0.03
6.28	67.61	0.61	3.22	1.00	0.03	6.29	66.48	0.60	3.27	1.00	0.03
6.30	66.15	0.59	3.28	1.00	0.03	6.31	66.10	0.59	3.28	1.00	0.03
6.32	65.91	0.59	3.29	1.00	0.03	6.33	64.76	0.59	3.34	1.00	0.03
6.34	63.25	0.58	3.40	1.00	0.03	6.35	62.36	0.57	3.44	1.00	0.03
6.36	62.07	0.57	3.45	1.00	0.03	6.37	61.88	0.57	3.46	1.00	0.03
6.38	61.26	0.56	3.49	1.00	0.03	6.39	60.73	0.56	3.52	1.00	0.04
6.40	60.42	0.56	3.53	1.00	0.04	6.41	60.77	0.56	3.52	1.00	0.04
6.42	61.68	0.57	3.47	1.00	0.03	6.43	63.01	0.57	3.41	1.00	0.03
6.44	64.18	0.58	3.36	1.00	0.03	6.45	65.82	0.59	3.29	1.00	0.03
6.46	68.56	0.61	3.18	1.00	0.03	6.47	71.47	0.63	3.08	1.00	0.03
6.48	74.22	0.66	2.98	1.00	0.03	6.49	75.44	0.67	2.94	1.00	0.03
6.50	76.41	0.68	2.91	1.00	0.03	6.51	76.53	0.68	2.91	1.00	0.03
6.52	75.47	0.67	2.94	1.00	0.03	6.53	73.45	0.65	3.01	1.00	0.03
6.54	70.92	0.63	3.10	1.00	0.03	6.55	68.03	0.61	3.20	1.00	0.03
6.56	52.28	0.52	3.98	1.00	0.04	6.57	51.04	0.51	4.06	1.00	0.04
6.58	50.05	0.51	4.12	1.00	0.04	6.59	49.30	0.51	4.17	1.00	0.04
6.60	48.80	0.50	4.21	1.00	0.04	6.61	48.69	0.50	4.22	1.00	0.04
6.62	48.81	0.50	4.21	1.00	0.04	6.63	49.06	0.50	4.19	1.00	0.04
6.64	64.56	0.58	3.35	1.00	0.03	6.65	65.14	0.59	3.32	1.00	0.03
6.66	65.45	0.59	3.31	1.00	0.03	6.67	65.51	0.59	3.31	1.00	0.03
6.68	65.35	0.59	3.31	1.00	0.03	6.69	65.18	0.59	3.32	1.00	0.03
6.70	62.28	0.57	3.45	1.00	0.03	6.71	44.23	0.48	4.56	1.00	0.05
6.72	42.60	0.47	4.70	1.00	0.05	6.73	42.37	0.47	4.72	1.00	0.05
6.74	42.25	0.47	4.74	1.00	0.05	6.75	42.01	0.47	4.76	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	41.50	0.47	4.81	1.00	0.05	6.77	40.76	0.47	4.88	1.00	0.05
6.78	39.81	0.46	4.97	1.00	0.05	6.79	38.84	0.46	5.07	1.00	0.05
6.80	37.79	0.45	5.19	1.00	0.05	6.81	54.59	0.53	3.84	1.00	0.04
6.82	54.02	0.52	3.87	1.00	0.04	6.83	53.24	0.52	3.92	1.00	0.04
6.84	53.04	0.52	3.93	1.00	0.04	6.85	53.87	0.52	3.88	1.00	0.04
6.86	55.90	0.53	3.76	1.00	0.04	6.87	59.14	0.55	3.59	1.00	0.04
6.88	63.46	0.57	3.39	1.00	0.03	6.89	68.95	0.61	3.17	1.00	0.03
6.90	73.27	0.65	3.02	1.00	0.03	6.91	76.05	0.67	2.92	1.00	0.03
6.92	75.26	0.66	2.95	1.00	0.03	6.93	73.63	0.65	3.00	1.00	0.03
6.94	71.46	0.63	3.08	1.00	0.03	6.95	70.12	0.62	3.13	1.00	0.03
6.96	68.36	0.61	3.19	1.00	0.03	6.97	65.94	0.59	3.29	1.00	0.03
6.98	64.07	0.58	3.37	1.00	0.03	6.99	63.98	0.58	3.37	1.00	0.03
7.00	67.62	0.60	3.22	1.00	0.03	7.01	70.60	0.62	3.11	1.00	0.03
7.02	72.32	0.64	3.05	1.00	0.03	7.03	71.58	0.63	3.07	1.00	0.03
7.04	71.10	0.63	3.09	1.00	0.03	7.05	71.35	0.63	3.08	1.00	0.03
7.06	71.23	0.63	3.09	1.00	0.03	7.07	70.84	0.63	3.10	1.00	0.03
7.08	69.42	0.62	3.15	1.00	0.03	7.09	68.14	0.61	3.20	1.00	0.03
7.10	52.68	0.52	3.95	1.00	0.04	7.11	52.66	0.52	3.95	1.00	0.04
7.12	52.72	0.52	3.95	1.00	0.04	7.13	52.91	0.52	3.94	1.00	0.04
7.14	53.01	0.52	3.93	1.00	0.04	7.15	53.05	0.52	3.93	1.00	0.04
7.16	53.04	0.52	3.93	1.00	0.04	7.17	53.15	0.52	3.92	1.00	0.04
7.18	53.37	0.52	3.91	1.00	0.04	7.19	53.76	0.52	3.89	1.00	0.04
7.20	54.38	0.53	3.85	1.00	0.04	7.21	55.69	0.53	3.78	1.00	0.04
7.22	57.20	0.54	3.69	1.00	0.04	7.23	58.62	0.55	3.62	1.00	0.04
7.24	59.48	0.55	3.58	1.00	0.04	7.25	60.21	0.56	3.54	1.00	0.04
7.26	60.68	0.56	3.52	1.00	0.04	7.27	60.93	0.56	3.51	1.00	0.04
7.28	60.67	0.56	3.52	1.00	0.04	7.29	60.18	0.56	3.54	1.00	0.04
7.30	59.47	0.55	3.58	1.00	0.04	7.31	58.75	0.55	3.61	1.00	0.04
7.32	57.88	0.54	3.66	1.00	0.04	7.33	57.13	0.54	3.70	1.00	0.04
7.34	56.58	0.54	3.73	1.00	0.04	7.35	56.32	0.54	3.74	1.00	0.04
7.36	56.16	0.53	3.75	1.00	0.04	7.37	55.70	0.53	3.78	1.00	0.04
7.38	55.10	0.53	3.81	1.00	0.04	7.39	54.21	0.53	3.86	1.00	0.04
7.40	53.40	0.52	3.91	1.00	0.04	7.41	52.20	0.52	3.98	1.00	0.04
7.42	51.08	0.51	4.05	1.00	0.04	7.43	64.78	0.58	3.34	1.00	0.03
7.44	64.39	0.58	3.35	1.00	0.03	7.45	64.25	0.58	3.36	1.00	0.03
7.46	49.73	0.51	4.14	1.00	0.04	7.47	50.45	0.51	4.10	1.00	0.04
7.48	51.44	0.51	4.03	1.00	0.04	7.49	52.93	0.52	3.94	1.00	0.04
7.50	54.28	0.53	3.86	1.00	0.04	7.51	69.39	0.62	3.15	1.00	0.03
7.52	70.39	0.62	3.12	1.00	0.03	7.53	70.96	0.63	3.10	1.00	0.03
7.54	71.05	0.63	3.09	1.00	0.03	7.55	70.35	0.62	3.12	1.00	0.03
7.56	69.48	0.62	3.15	1.00	0.03	7.57	68.40	0.61	3.19	1.00	0.03
7.58	67.95	0.61	3.21	1.00	0.03	7.59	55.83	0.53	3.77	1.00	0.04
7.60	57.79	0.54	3.66	1.00	0.04	7.61	59.38	0.55	3.58	1.00	0.04
7.62	60.63	0.56	3.52	1.00	0.04	7.63	60.82	0.56	3.51	1.00	0.04
7.64	59.74	0.55	3.57	1.00	0.04	7.65	72.29	0.64	3.05	1.00	0.03
7.66	71.55	0.63	3.07	1.00	0.03	7.67	70.18	0.62	3.12	1.00	0.03
7.68	69.16	0.61	3.16	1.00	0.03	7.69	68.90	0.61	3.17	1.00	0.03
7.70	68.94	0.61	3.17	1.00	0.03	7.71	68.19	0.61	3.20	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
7.72	69.23	0.61	3.16	1.00	0.03	7.73	71.57	0.63	3.07	1.00	0.03
7.74	75.53	0.67	2.94	1.00	0.03	7.75	77.91	0.69	2.87	1.00	0.03
7.76	79.45	0.70	2.82	1.00	0.03	7.77	80.57	0.71	2.79	1.00	0.03
7.78	80.63	0.71	2.79	1.00	0.03	7.79	80.56	0.71	2.79	1.00	0.03
7.80	79.54	0.70	2.82	1.00	0.03	7.81	78.85	0.70	2.84	1.00	0.03
7.82	67.43	0.60	3.23	1.00	0.03	7.83	68.19	0.61	3.20	1.00	0.03
7.84	69.04	0.61	3.17	1.00	0.03	7.85	69.98	0.62	3.13	1.00	0.03
7.86	70.67	0.63	3.11	1.00	0.03	7.87	71.41	0.63	3.08	1.00	0.03
7.88	71.99	0.64	3.06	1.00	0.03	7.89	72.41	0.64	3.04	1.00	0.03
7.90	72.65	0.64	3.04	1.00	0.03	7.91	72.94	0.64	3.03	1.00	0.03
7.92	73.29	0.65	3.01	1.00	0.03	7.93	73.67	0.65	3.00	1.00	0.03
7.94	74.01	0.65	2.99	1.00	0.03	7.95	74.19	0.66	2.98	1.00	0.03
7.96	74.15	0.66	2.99	1.00	0.03	7.97	74.06	0.65	2.99	1.00	0.03
7.98	74.07	0.65	2.99	1.00	0.03	7.99	74.22	0.66	2.98	1.00	0.03
8.00	74.24	0.66	2.98	1.00	0.03	8.01	74.07	0.65	2.99	1.00	0.03
8.02	73.44	0.65	3.01	1.00	0.03	8.03	72.67	0.64	3.04	1.00	0.03
8.04	71.87	0.64	3.06	1.00	0.03	8.05	71.07	0.63	3.09	1.00	0.03
8.06	70.18	0.62	3.12	1.00	0.03	8.07	69.24	0.62	3.16	1.00	0.03
8.08	68.19	0.61	3.20	1.00	0.03	8.09	67.42	0.60	3.23	1.00	0.03
8.10	78.44	0.69	2.85	1.00	0.03	8.11	77.98	0.69	2.87	1.00	0.03
8.12	77.30	0.68	2.89	1.00	0.03	8.13	76.50	0.68	2.91	1.00	0.03
8.14	75.53	0.67	2.94	1.00	0.03	8.15	74.64	0.66	2.97	1.00	0.03
8.16	74.10	0.66	2.99	1.00	0.03	8.17	74.37	0.66	2.98	1.00	0.03
8.18	75.44	0.67	2.94	1.00	0.03	8.19	77.50	0.69	2.88	1.00	0.03
8.20	80.46	0.72	2.79	1.00	0.03	8.21	83.12	0.74	2.72	1.00	0.03
8.22	85.34	0.77	2.56	1.00	0.03	8.23	86.01	0.78	2.53	1.00	0.03
8.24	86.31	0.78	2.52	1.00	0.03	8.25	86.12	0.78	2.53	1.00	0.03
8.26	85.93	0.77	2.54	1.00	0.03	8.27	85.60	0.77	2.55	1.00	0.03
8.28	75.31	0.67	2.95	1.00	0.03	8.29	76.47	0.68	2.91	1.00	0.03
8.30	77.59	0.69	2.88	1.00	0.03	8.31	78.48	0.70	2.85	1.00	0.03
8.32	79.20	0.70	2.83	1.00	0.03	8.33	79.57	0.71	2.82	1.00	0.03
8.34	79.38	0.71	2.82	1.00	0.03	8.35	78.94	0.70	2.84	1.00	0.03
8.36	77.78	0.69	2.87	1.00	0.03	8.37	76.26	0.68	2.92	1.00	0.03
8.38	74.46	0.66	2.98	1.00	0.03	8.39	72.59	0.65	3.04	1.00	0.03
8.40	70.78	0.63	3.10	1.00	0.03	8.41	69.07	0.62	3.17	1.00	0.03
8.42	67.70	0.61	3.22	1.00	0.03	8.43	78.60	0.70	2.85	1.00	0.03
8.44	78.11	0.69	2.86	1.00	0.03	8.45	77.74	0.69	2.87	1.00	0.03
8.46	77.33	0.69	2.89	1.00	0.03	8.47	76.63	0.68	2.91	1.00	0.03
8.48	75.79	0.67	2.93	1.00	0.03	8.49	74.81	0.66	2.96	1.00	0.03
8.50	73.53	0.65	3.01	1.00	0.03	8.51	72.13	0.64	3.05	1.00	0.03
8.52	70.63	0.63	3.11	1.00	0.03	8.53	68.69	0.62	3.18	1.00	0.03
8.54	67.33	0.61	3.23	1.00	0.03	8.55	66.18	0.60	3.28	1.00	0.03
8.56	66.48	0.60	3.27	1.00	0.03	8.57	67.91	0.61	3.21	1.00	0.03
8.58	70.64	0.63	3.11	1.00	0.03	8.59	73.21	0.65	3.02	1.00	0.03
8.60	75.11	0.67	2.95	1.00	0.03	8.61	77.10	0.69	2.89	1.00	0.03
8.62	78.82	0.70	2.84	1.00	0.03	8.63	78.49	0.70	2.85	1.00	0.03
8.64	76.24	0.68	2.92	1.00	0.03	8.65	73.83	0.66	3.00	1.00	0.03
8.66	73.30	0.65	3.01	1.00	0.03	8.67	73.29	0.65	3.01	1.00	0.03



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
8.68	72.82	0.65	3.03	1.00	0.03	8.69	72.15	0.64	3.05	1.00	0.03
8.70	71.48	0.64	3.08	1.00	0.03	8.71	68.29	0.61	3.19	1.00	0.03
8.72	65.33	0.59	3.31	1.00	0.03	8.73	62.56	0.58	3.43	1.00	0.03
8.74	62.48	0.58	3.44	1.00	0.03	8.75	61.67	0.57	3.47	1.00	0.03
8.76	60.01	0.56	3.55	1.00	0.04	8.77	42.72	0.48	4.69	1.00	0.05
8.78	41.89	0.48	4.77	1.00	0.05	8.79	40.96	0.47	4.86	1.00	0.05
8.80	40.53	0.47	4.90	1.00	0.05	8.81	57.51	0.55	3.68	1.00	0.04
8.82	57.88	0.55	3.66	1.00	0.04	8.83	58.59	0.55	3.62	1.00	0.04
8.84	60.09	0.56	3.55	1.00	0.04	8.85	62.65	0.58	3.43	1.00	0.03
8.86	65.09	0.59	3.32	1.00	0.03	8.87	67.07	0.61	3.24	1.00	0.03
8.88	67.54	0.61	3.22	1.00	0.03	8.89	67.23	0.61	3.24	1.00	0.03
8.90	66.43	0.60	3.27	1.00	0.03	8.91	64.67	0.59	3.34	1.00	0.03
8.92	62.80	0.58	3.42	1.00	0.03	8.93	61.02	0.57	3.50	1.00	0.04
8.94	60.97	0.57	3.51	1.00	0.04	8.95	62.72	0.58	3.43	1.00	0.03
8.96	65.96	0.60	3.29	1.00	0.03	8.97	70.98	2.00	0.00	1.00	0.00
8.98	77.49	2.00	0.00	1.00	0.00	8.99	86.13	2.00	0.00	1.00	0.00
9.00	91.31	2.00	0.00	1.00	0.00	9.01	89.72	0.83	2.38	1.00	0.02
9.02	85.43	0.78	2.56	1.00	0.03	9.03	81.40	0.73	2.77	1.00	0.03
9.04	81.14	0.73	2.77	1.00	0.03	9.05	81.56	0.73	2.76	1.00	0.03
9.06	81.65	0.73	2.76	1.00	0.03	9.07	80.46	0.72	2.79	1.00	0.03
9.08	78.43	0.70	2.85	1.00	0.03	9.09	76.23	0.68	2.92	1.00	0.03
9.10	74.90	0.67	2.96	1.00	0.03	9.11	73.90	0.66	2.99	1.00	0.03
9.12	72.87	0.65	3.03	1.00	0.03	9.13	71.78	0.64	3.07	1.00	0.03
9.14	58.37	0.55	3.63	1.00	0.04	9.15	58.33	0.55	3.64	1.00	0.04
9.16	58.65	0.56	3.62	1.00	0.04	9.17	59.07	0.56	3.60	1.00	0.04
9.18	72.53	0.65	3.04	1.00	0.03	9.19	73.62	0.66	3.00	1.00	0.03
9.20	74.20	0.67	2.98	1.00	0.03	9.21	73.79	0.66	3.00	1.00	0.03
9.22	71.88	0.65	3.06	1.00	0.03	9.23	70.06	0.63	3.13	1.00	0.03
9.24	68.85	0.62	3.17	1.00	0.03	9.25	68.18	0.62	3.20	1.00	0.03
9.26	68.81	0.62	3.17	1.00	0.03	9.27	69.99	0.63	3.13	1.00	0.03
9.28	71.88	0.65	3.06	1.00	0.03	9.29	73.52	0.66	3.01	1.00	0.03
9.30	75.70	0.68	2.94	1.00	0.03	9.31	76.97	0.69	2.90	1.00	0.03
9.32	77.37	0.70	2.88	1.00	0.03	9.33	77.41	0.70	2.88	1.00	0.03
9.34	77.92	0.70	2.87	1.00	0.03	9.35	78.48	0.71	2.85	1.00	0.03
9.36	78.13	0.70	2.86	1.00	0.03	9.37	77.59	0.70	2.88	1.00	0.03
9.38	76.99	0.69	2.90	1.00	0.03	9.39	76.38	0.69	2.91	1.00	0.03
9.40	75.50	0.68	2.94	1.00	0.03	9.41	74.78	0.67	2.97	1.00	0.03
9.42	61.62	0.58	3.48	1.00	0.03	9.43	60.64	0.57	3.52	1.00	0.04
9.44	59.69	0.56	3.57	1.00	0.04	9.45	58.97	0.56	3.60	1.00	0.04
9.46	58.75	0.56	3.61	1.00	0.04	9.47	58.60	0.56	3.62	1.00	0.04
9.48	58.16	0.56	3.64	1.00	0.04	9.49	57.56	0.55	3.68	1.00	0.04
9.50	56.74	0.55	3.72	1.00	0.04	9.51	55.85	0.55	3.77	1.00	0.04
9.52	54.99	0.54	3.82	1.00	0.04	9.53	68.15	0.62	3.20	1.00	0.03
9.54	67.78	0.62	3.21	1.00	0.03	9.55	67.39	0.62	3.23	1.00	0.03
9.56	67.06	0.61	3.24	1.00	0.03	9.57	66.80	0.61	3.25	1.00	0.03
9.58	52.57	0.53	3.96	1.00	0.04	9.59	52.61	0.53	3.96	1.00	0.04
9.60	52.66	0.53	3.95	1.00	0.04	9.61	52.56	0.53	3.96	1.00	0.04
9.62	52.33	0.53	3.97	1.00	0.04	9.63	51.63	0.53	4.02	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
9.64	50.71	0.52	4.08	1.00	0.04	9.65	49.62	0.52	4.15	1.00	0.04
9.66	48.38	0.51	4.24	1.00	0.04	9.67	47.19	0.51	4.33	1.00	0.04
9.68	46.30	0.50	4.39	1.00	0.04	9.69	46.02	0.50	4.42	1.00	0.04
9.70	45.43	0.50	4.46	1.00	0.04	9.71	45.60	0.50	4.45	1.00	0.04
9.72	46.10	0.50	4.41	1.00	0.04	9.73	47.40	0.51	4.31	1.00	0.04
9.74	47.95	0.51	4.27	1.00	0.04	9.75	63.72	0.59	3.38	1.00	0.03
9.76	65.21	0.60	3.32	1.00	0.03	9.77	66.05	0.61	3.28	1.00	0.03
9.78	65.84	0.61	3.29	1.00	0.03	9.79	65.54	0.60	3.30	1.00	0.03
9.80	65.24	0.60	3.32	1.00	0.03	9.81	63.72	0.59	3.38	1.00	0.03
9.82	61.97	0.58	3.46	1.00	0.03	9.83	60.62	0.57	3.52	1.00	0.04
9.84	61.66	0.58	3.47	1.00	0.03	9.85	64.84	0.60	3.33	1.00	0.03
9.86	68.69	0.63	3.18	1.00	0.03	9.87	69.88	0.64	3.13	1.00	0.03
9.88	68.87	0.63	3.17	1.00	0.03	9.89	67.08	0.62	3.24	1.00	0.03
9.90	67.10	0.62	3.24	1.00	0.03	9.91	67.39	0.62	3.23	1.00	0.03
9.92	66.97	0.62	3.25	1.00	0.03	9.93	65.69	0.61	3.30	1.00	0.03
9.94	63.70	0.59	3.38	1.00	0.03	9.95	62.79	0.59	3.42	1.00	0.03
9.96	63.27	0.59	3.40	1.00	0.03	9.97	65.41	0.61	3.31	1.00	0.03
9.98	66.89	2.00	0.00	1.00	0.00	9.99	67.92	2.00	0.00	1.00	0.00
10.00	68.61	2.00	0.00	1.00	0.00	10.01	71.30	2.00	0.00	1.00	0.00
10.02	74.99	2.00	0.00	1.00	0.00	10.03	78.00	2.00	0.00	1.00	0.00
10.04	79.56	2.00	0.00	1.00	0.00	10.05	80.00	2.00	0.00	1.00	0.00
10.06	80.54	2.00	0.00	1.00	0.00	10.07	81.30	2.00	0.00	1.00	0.00
10.08	82.27	2.00	0.00	1.00	0.00	10.09	81.90	2.00	0.00	1.00	0.00
10.10	79.33	2.00	0.00	1.00	0.00	10.11	74.32	0.68	2.98	1.00	0.03
10.12	70.20	0.64	3.12	1.00	0.03	10.13	67.83	0.62	3.21	1.00	0.03
10.14	67.52	0.62	3.22	1.00	0.03	10.15	67.52	0.62	3.22	1.00	0.03
10.16	67.23	0.62	3.24	1.00	0.03	10.17	66.60	0.62	3.26	1.00	0.03
10.18	66.35	0.61	3.27	1.00	0.03	10.19	66.39	0.61	3.27	1.00	0.03
10.20	65.49	0.61	3.31	1.00	0.03	10.21	63.55	0.60	3.39	1.00	0.03
10.22	61.36	0.58	3.49	1.00	0.03	10.23	60.54	0.58	3.53	1.00	0.04
10.24	60.81	0.58	3.51	1.00	0.04	10.25	63.28	0.59	3.40	1.00	0.03
10.26	66.26	0.61	3.27	1.00	0.03	10.27	68.98	0.63	3.17	1.00	0.03
10.28	69.70	0.64	3.14	1.00	0.03	10.29	69.23	0.64	3.16	1.00	0.03
10.30	68.77	0.63	3.18	1.00	0.03	10.31	68.46	0.63	3.19	1.00	0.03
10.32	68.36	0.63	3.19	1.00	0.03	10.33	67.68	0.63	3.22	1.00	0.03
10.34	66.51	0.62	3.26	1.00	0.03	10.35	65.12	0.61	3.32	1.00	0.03
10.36	63.61	0.60	3.39	1.00	0.03	10.37	62.41	0.59	3.44	1.00	0.03
10.38	61.60	0.59	3.48	1.00	0.03	10.39	61.97	0.59	3.46	1.00	0.03
10.40	64.08	0.60	3.37	1.00	0.03	10.41	67.71	0.63	3.22	1.00	0.03
10.42	72.03	2.00	0.00	1.00	0.00	10.43	78.18	2.00	0.00	1.00	0.00
10.44	83.49	2.00	0.00	1.00	0.00	10.45	87.76	2.00	0.00	1.00	0.00
10.46	86.67	0.81	2.50	1.00	0.03	10.47	82.78	0.77	2.68	1.00	0.03
10.48	77.60	0.71	2.88	1.00	0.03	10.49	75.61	0.69	2.94	1.00	0.03
10.50	75.43	0.69	2.94	1.00	0.03	10.51	75.86	0.70	2.93	1.00	0.03
10.52	75.76	0.70	2.93	1.00	0.03	10.53	75.08	0.69	2.96	1.00	0.03
10.54	74.19	0.68	2.98	1.00	0.03	10.55	73.46	0.68	3.01	1.00	0.03
10.56	72.82	0.67	3.03	1.00	0.03	10.57	59.53	0.58	3.58	1.00	0.04
10.58	58.68	0.57	3.62	1.00	0.04	10.59	57.15	0.56	3.70	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	55.10	0.55	3.81	1.00	0.04	10.61	51.49	0.54	4.03	1.00	0.04
10.62	63.45	0.60	3.39	1.00	0.03	10.63	62.09	0.59	3.45	1.00	0.03
10.64	62.00	0.59	3.46	1.00	0.03	10.65	61.93	0.59	3.46	1.00	0.03
10.66	64.08	0.61	3.37	1.00	0.03	10.67	67.57	0.63	3.22	1.00	0.03
10.68	70.90	0.66	3.10	1.00	0.03	10.69	72.22	0.67	3.05	1.00	0.03
10.70	70.58	0.65	3.11	1.00	0.03	10.71	69.18	0.64	3.16	1.00	0.03
10.72	68.49	0.64	3.19	1.00	0.03	10.73	69.66	0.65	3.14	1.00	0.03
10.74	71.10	0.66	3.09	1.00	0.03	10.75	71.16	0.66	3.09	1.00	0.03
10.76	71.77	0.66	3.07	1.00	0.03	10.77	73.02	2.00	0.00	1.00	0.00
10.78	74.74	2.00	0.00	1.00	0.00	10.79	77.48	2.00	0.00	1.00	0.00
10.80	80.83	2.00	0.00	1.00	0.00	10.81	83.50	2.00	0.00	1.00	0.00
10.82	84.72	2.00	0.00	1.00	0.00	10.83	85.28	2.00	0.00	1.00	0.00
10.84	86.40	2.00	0.00	1.00	0.00	10.85	86.85	2.00	0.00	1.00	0.00
10.86	85.68	2.00	0.00	1.00	0.00	10.87	84.23	2.00	0.00	1.00	0.00
10.88	81.40	2.00	0.00	1.00	0.00	10.89	79.16	2.00	0.00	1.00	0.00
10.90	76.35	2.00	0.00	1.00	0.00	10.91	74.53	2.00	0.00	1.00	0.00
10.92	72.76	2.00	0.00	1.00	0.00	10.93	70.82	2.00	0.00	1.00	0.00
10.94	68.89	2.00	0.00	1.00	0.00	10.95	66.10	2.00	0.00	1.00	0.00
10.96	63.33	2.00	0.00	1.00	0.00	10.97	60.78	2.00	0.00	1.00	0.00
10.98	57.95	2.00	0.00	1.00	0.00	10.99	54.64	2.00	0.00	1.00	0.00
11.00	51.12	2.00	0.00	1.00	0.00	11.01	49.24	2.00	0.00	1.00	0.00
11.02	48.00	2.00	0.00	1.00	0.00	11.03	46.32	2.00	0.00	1.00	0.00
11.04	44.33	2.00	0.00	1.00	0.00	11.05	41.82	2.00	0.00	1.00	0.00
11.06	40.15	2.00	0.00	1.00	0.00	11.07	39.15	2.00	0.00	1.00	0.00
11.08	38.87	2.00	0.00	1.00	0.00	11.09	38.66	2.00	0.00	1.00	0.00
11.10	38.40	2.00	0.00	1.00	0.00	11.11	38.14	2.00	0.00	1.00	0.00
11.12	37.92	2.00	0.00	1.00	0.00	11.13	37.83	2.00	0.00	1.00	0.00
11.14	37.79	2.00	0.00	1.00	0.00	11.15	37.74	2.00	0.00	1.00	0.00
11.16	37.63	2.00	0.00	1.00	0.00	11.17	37.83	2.00	0.00	1.00	0.00
11.18	38.15	2.00	0.00	1.00	0.00	11.19	38.62	2.00	0.00	1.00	0.00
11.20	38.70	2.00	0.00	1.00	0.00	11.21	38.69	2.00	0.00	1.00	0.00
11.22	38.71	2.00	0.00	1.00	0.00	11.23	38.86	2.00	0.00	1.00	0.00
11.24	38.88	2.00	0.00	1.00	0.00	11.25	38.61	2.00	0.00	1.00	0.00
11.26	38.11	2.00	0.00	1.00	0.00	11.27	37.57	2.00	0.00	1.00	0.00
11.28	36.93	2.00	0.00	1.00	0.00	11.29	36.47	2.00	0.00	1.00	0.00
11.30	36.14	2.00	0.00	1.00	0.00	11.31	36.02	2.00	0.00	1.00	0.00
11.32	35.93	2.00	0.00	1.00	0.00	11.33	35.86	2.00	0.00	1.00	0.00
11.34	35.80	2.00	0.00	1.00	0.00	11.35	35.65	2.00	0.00	1.00	0.00
11.36	35.46	2.00	0.00	1.00	0.00	11.37	35.32	2.00	0.00	1.00	0.00
11.38	35.33	2.00	0.00	1.00	0.00	11.39	35.54	2.00	0.00	1.00	0.00
11.40	35.80	2.00	0.00	1.00	0.00	11.41	36.12	2.00	0.00	1.00	0.00
11.42	36.34	2.00	0.00	1.00	0.00	11.43	36.73	2.00	0.00	1.00	0.00
11.44	37.39	2.00	0.00	1.00	0.00	11.45	37.89	2.00	0.00	1.00	0.00
11.46	38.16	2.00	0.00	1.00	0.00	11.47	38.18	2.00	0.00	1.00	0.00
11.48	38.45	2.00	0.00	1.00	0.00	11.49	38.95	2.00	0.00	1.00	0.00
11.50	39.51	2.00	0.00	1.00	0.00	11.51	39.91	2.00	0.00	1.00	0.00
11.52	40.43	2.00	0.00	1.00	0.00	11.53	40.95	2.00	0.00	1.00	0.00
11.54	41.44	2.00	0.00	1.00	0.00	11.55	41.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
11.56	41.64	2.00	0.00	1.00	0.00	11.57	41.67	2.00	0.00	1.00	0.00
11.58	41.49	2.00	0.00	1.00	0.00	11.59	41.20	2.00	0.00	1.00	0.00
11.60	40.76	2.00	0.00	1.00	0.00	11.61	40.37	2.00	0.00	1.00	0.00
11.62	40.62	2.00	0.00	1.00	0.00	11.63	41.25	2.00	0.00	1.00	0.00
11.64	42.05	2.00	0.00	1.00	0.00	11.65	42.72	2.00	0.00	1.00	0.00
11.66	43.20	2.00	0.00	1.00	0.00	11.67	43.49	2.00	0.00	1.00	0.00
11.68	43.60	2.00	0.00	1.00	0.00	11.69	45.30	2.00	0.00	1.00	0.00
11.70	47.07	2.00	0.00	1.00	0.00	11.71	48.52	2.00	0.00	1.00	0.00
11.72	47.93	2.00	0.00	1.00	0.00	11.73	47.57	2.00	0.00	1.00	0.00
11.74	47.19	2.00	0.00	1.00	0.00	11.75	45.87	2.00	0.00	1.00	0.00
11.76	43.74	2.00	0.00	1.00	0.00	11.77	41.76	2.00	0.00	1.00	0.00
11.78	41.74	2.00	0.00	1.00	0.00	11.79	42.51	2.00	0.00	1.00	0.00
11.80	43.79	2.00	0.00	1.00	0.00	11.81	44.92	2.00	0.00	1.00	0.00
11.82	45.30	2.00	0.00	1.00	0.00	11.83	45.22	2.00	0.00	1.00	0.00
11.84	45.01	2.00	0.00	1.00	0.00	11.85	44.81	2.00	0.00	1.00	0.00
11.86	44.98	2.00	0.00	1.00	0.00	11.87	45.33	2.00	0.00	1.00	0.00
11.88	46.08	2.00	0.00	1.00	0.00	11.89	46.22	2.00	0.00	1.00	0.00
11.90	47.23	2.00	0.00	1.00	0.00	11.91	49.21	2.00	0.00	1.00	0.00
11.92	51.15	2.00	0.00	1.00	0.00	11.93	52.20	2.00	0.00	1.00	0.00
11.94	51.62	2.00	0.00	1.00	0.00	11.95	50.87	2.00	0.00	1.00	0.00
11.96	50.97	2.00	0.00	1.00	0.00	11.97	52.21	2.00	0.00	1.00	0.00
11.98	53.00	2.00	0.00	1.00	0.00	11.99	52.75	2.00	0.00	1.00	0.00
12.00	52.98	2.00	0.00	1.00	0.00	12.01	54.74	2.00	0.00	1.00	0.00
12.02	58.95	2.00	0.00	1.00	0.00	12.03	61.65	2.00	0.00	1.00	0.00
12.04	63.68	2.00	0.00	1.00	0.00	12.05	63.38	2.00	0.00	1.00	0.00
12.06	62.74	2.00	0.00	1.00	0.00	12.07	61.36	2.00	0.00	1.00	0.00
12.08	60.80	2.00	0.00	1.00	0.00	12.09	60.60	2.00	0.00	1.00	0.00
12.10	59.78	2.00	0.00	1.00	0.00	12.11	58.82	2.00	0.00	1.00	0.00
12.12	57.61	2.00	0.00	1.00	0.00	12.13	57.09	2.00	0.00	1.00	0.00
12.14	56.07	2.00	0.00	1.00	0.00	12.15	53.21	2.00	0.00	1.00	0.00
12.16	49.43	2.00	0.00	1.00	0.00	12.17	45.01	2.00	0.00	1.00	0.00
12.18	42.39	2.00	0.00	1.00	0.00	12.19	40.22	2.00	0.00	1.00	0.00
12.20	38.81	2.00	0.00	1.00	0.00	12.21	38.23	2.00	0.00	1.00	0.00
12.22	38.15	2.00	0.00	1.00	0.00	12.23	37.51	2.00	0.00	1.00	0.00
12.24	36.35	2.00	0.00	1.00	0.00	12.25	35.38	2.00	0.00	1.00	0.00
12.26	35.44	2.00	0.00	1.00	0.00	12.27	36.06	2.00	0.00	1.00	0.00
12.28	36.65	2.00	0.00	1.00	0.00	12.29	36.97	2.00	0.00	1.00	0.00
12.30	36.87	2.00	0.00	1.00	0.00	12.31	36.83	2.00	0.00	1.00	0.00
12.32	36.68	2.00	0.00	1.00	0.00	12.33	36.83	0.48	5.30	1.00	0.05
12.34	37.69	0.49	5.20	1.00	0.05	12.35	19.03	0.39	5.80	1.00	0.06
12.36	18.84	0.39	5.80	1.00	0.06	12.37	40.32	0.50	4.92	1.00	0.05
12.38	42.31	0.51	4.73	1.00	0.05	12.39	45.07	0.52	4.49	1.00	0.04
12.40	51.15	0.55	4.05	1.00	0.04	12.41	56.20	0.58	3.75	1.00	0.04
12.42	59.63	0.60	3.57	1.00	0.04	12.43	59.16	0.59	3.59	1.00	0.04
12.44	58.27	0.59	3.64	1.00	0.04	12.45	59.30	0.59	3.59	1.00	0.04
12.46	61.27	2.00	0.00	1.00	0.00	12.47	63.81	2.00	0.00	1.00	0.00
12.48	67.30	2.00	0.00	1.00	0.00	12.49	71.51	2.00	0.00	1.00	0.00
12.50	76.40	2.00	0.00	1.00	0.00	12.51	78.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	79.17	2.00	0.00	1.00	0.00	12.53	76.69	2.00	0.00	1.00	0.00
12.54	73.31	2.00	0.00	1.00	0.00	12.55	71.21	2.00	0.00	1.00	0.00
12.56	70.26	2.00	0.00	1.00	0.00	12.57	70.41	2.00	0.00	1.00	0.00
12.58	70.36	2.00	0.00	1.00	0.00	12.59	70.28	2.00	0.00	1.00	0.00
12.60	70.46	2.00	0.00	1.00	0.00	12.61	70.37	2.00	0.00	1.00	0.00
12.62	69.67	2.00	0.00	1.00	0.00	12.63	68.29	2.00	0.00	1.00	0.00
12.64	66.42	2.00	0.00	1.00	0.00	12.65	63.95	2.00	0.00	1.00	0.00
12.66	62.75	2.00	0.00	1.00	0.00	12.67	62.15	2.00	0.00	1.00	0.00
12.68	62.96	2.00	0.00	1.00	0.00	12.69	64.97	2.00	0.00	1.00	0.00
12.70	65.86	2.00	0.00	1.00	0.00	12.71	66.60	2.00	0.00	1.00	0.00
12.72	66.43	2.00	0.00	1.00	0.00	12.73	66.83	2.00	0.00	1.00	0.00
12.74	66.84	2.00	0.00	1.00	0.00	12.75	66.98	2.00	0.00	1.00	0.00
12.76	66.84	2.00	0.00	1.00	0.00	12.77	66.53	2.00	0.00	1.00	0.00
12.78	66.38	2.00	0.00	1.00	0.00	12.79	65.73	2.00	0.00	1.00	0.00
12.80	65.23	2.00	0.00	1.00	0.00	12.81	64.18	2.00	0.00	1.00	0.00
12.82	62.71	2.00	0.00	1.00	0.00	12.83	61.18	2.00	0.00	1.00	0.00
12.84	59.76	2.00	0.00	1.00	0.00	12.85	58.64	2.00	0.00	1.00	0.00
12.86	57.59	2.00	0.00	1.00	0.00	12.87	56.30	2.00	0.00	1.00	0.00
12.88	53.91	2.00	0.00	1.00	0.00	12.89	51.84	2.00	0.00	1.00	0.00
12.90	47.64	2.00	0.00	1.00	0.00	12.91	44.04	2.00	0.00	1.00	0.00
12.92	39.06	2.00	0.00	1.00	0.00	12.93	37.73	2.00	0.00	1.00	0.00
12.94	37.42	2.00	0.00	1.00	0.00	12.95	37.85	2.00	0.00	1.00	0.00
12.96	38.62	2.00	0.00	1.00	0.00	12.97	39.47	2.00	0.00	1.00	0.00
12.98	40.35	2.00	0.00	1.00	0.00	12.99	40.63	2.00	0.00	1.00	0.00
13.00	40.85	2.00	0.00	1.00	0.00	13.01	40.84	2.00	0.00	1.00	0.00
13.02	40.84	2.00	0.00	1.00	0.00	13.03	42.04	2.00	0.00	1.00	0.00
13.04	43.62	2.00	0.00	1.00	0.00	13.05	45.24	2.00	0.00	1.00	0.00
13.06	47.55	2.00	0.00	1.00	0.00	13.07	49.88	2.00	0.00	1.00	0.00
13.08	51.90	2.00	0.00	1.00	0.00	13.09	52.49	2.00	0.00	1.00	0.00
13.10	53.12	2.00	0.00	1.00	0.00	13.11	53.41	2.00	0.00	1.00	0.00
13.12	53.17	2.00	0.00	1.00	0.00	13.13	52.42	2.00	0.00	1.00	0.00
13.14	51.89	2.00	0.00	1.00	0.00	13.15	51.87	2.00	0.00	1.00	0.00
13.16	51.72	2.00	0.00	1.00	0.00	13.17	51.39	2.00	0.00	1.00	0.00
13.18	50.75	2.00	0.00	1.00	0.00	13.19	49.57	2.00	0.00	1.00	0.00
13.20	47.38	2.00	0.00	1.00	0.00	13.21	45.69	2.00	0.00	1.00	0.00
13.22	44.39	2.00	0.00	1.00	0.00	13.23	45.84	2.00	0.00	1.00	0.00
13.24	46.97	2.00	0.00	1.00	0.00	13.25	49.77	2.00	0.00	1.00	0.00
13.26	51.15	2.00	0.00	1.00	0.00	13.27	52.56	2.00	0.00	1.00	0.00
13.28	52.53	2.00	0.00	1.00	0.00	13.29	52.91	2.00	0.00	1.00	0.00
13.30	54.13	2.00	0.00	1.00	0.00	13.31	55.82	2.00	0.00	1.00	0.00
13.32	56.89	2.00	0.00	1.00	0.00	13.33	57.39	2.00	0.00	1.00	0.00
13.34	57.61	2.00	0.00	1.00	0.00	13.35	58.54	2.00	0.00	1.00	0.00
13.36	59.53	2.00	0.00	1.00	0.00	13.37	60.12	2.00	0.00	1.00	0.00
13.38	59.11	2.00	0.00	1.00	0.00	13.39	57.06	2.00	0.00	1.00	0.00
13.40	54.80	2.00	0.00	1.00	0.00	13.41	53.63	2.00	0.00	1.00	0.00
13.42	53.59	2.00	0.00	1.00	0.00	13.43	53.63	2.00	0.00	1.00	0.00
13.44	53.17	2.00	0.00	1.00	0.00	13.45	51.69	2.00	0.00	1.00	0.00
13.46	50.84	2.00	0.00	1.00	0.00	13.47	50.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	50.22	2.00	0.00	1.00	0.00	13.49	49.67	2.00	0.00	1.00	0.00
13.50	49.05	2.00	0.00	1.00	0.00	13.51	48.46	2.00	0.00	1.00	0.00
13.52	47.93	2.00	0.00	1.00	0.00	13.53	47.84	2.00	0.00	1.00	0.00
13.54	48.03	2.00	0.00	1.00	0.00	13.55	48.71	2.00	0.00	1.00	0.00
13.56	49.61	2.00	0.00	1.00	0.00	13.57	50.52	2.00	0.00	1.00	0.00
13.58	51.95	2.00	0.00	1.00	0.00	13.59	52.55	2.00	0.00	1.00	0.00
13.60	52.91	2.00	0.00	1.00	0.00	13.61	52.97	2.00	0.00	1.00	0.00
13.62	53.86	2.00	0.00	1.00	0.00	13.63	56.87	2.00	0.00	1.00	0.00
13.64	61.21	2.00	0.00	1.00	0.00	13.65	65.08	2.00	0.00	1.00	0.00
13.66	67.12	2.00	0.00	1.00	0.00	13.67	67.37	2.00	0.00	1.00	0.00
13.68	67.43	0.67	3.23	1.00	0.03	13.69	69.73	2.00	0.00	1.00	0.00
13.70	72.14	2.00	0.00	1.00	0.00	13.71	74.62	2.00	0.00	1.00	0.00
13.72	75.97	2.00	0.00	1.00	0.00	13.73	79.54	2.00	0.00	1.00	0.00
13.74	81.80	2.00	0.00	1.00	0.00	13.75	81.82	2.00	0.00	1.00	0.00
13.76	78.84	2.00	0.00	1.00	0.00	13.77	77.12	2.00	0.00	1.00	0.00
13.78	76.98	2.00	0.00	1.00	0.00	13.79	77.59	2.00	0.00	1.00	0.00
13.80	77.00	2.00	0.00	1.00	0.00	13.81	76.26	2.00	0.00	1.00	0.00
13.82	75.27	2.00	0.00	1.00	0.00	13.83	74.68	2.00	0.00	1.00	0.00
13.84	73.34	2.00	0.00	1.00	0.00	13.85	72.24	2.00	0.00	1.00	0.00
13.86	69.72	2.00	0.00	1.00	0.00	13.87	66.58	2.00	0.00	1.00	0.00
13.88	62.38	2.00	0.00	1.00	0.00	13.89	60.29	2.00	0.00	1.00	0.00
13.90	59.26	2.00	0.00	1.00	0.00	13.91	58.32	2.00	0.00	1.00	0.00
13.92	55.91	2.00	0.00	1.00	0.00	13.93	52.23	2.00	0.00	1.00	0.00
13.94	47.65	2.00	0.00	1.00	0.00	13.95	44.10	2.00	0.00	1.00	0.00
13.96	42.37	2.00	0.00	1.00	0.00	13.97	42.62	2.00	0.00	1.00	0.00
13.98	42.65	2.00	0.00	1.00	0.00	13.99	42.73	2.00	0.00	1.00	0.00
14.00	42.53	2.00	0.00	1.00	0.00	14.01	42.28	2.00	0.00	1.00	0.00
14.02	42.02	2.00	0.00	1.00	0.00	14.03	41.97	2.00	0.00	1.00	0.00
14.04	42.12	2.00	0.00	1.00	0.00	14.05	42.04	2.00	0.00	1.00	0.00
14.06	41.83	2.00	0.00	1.00	0.00	14.07	41.55	2.00	0.00	1.00	0.00
14.08	41.28	2.00	0.00	1.00	0.00	14.09	40.81	2.00	0.00	1.00	0.00
14.10	40.59	2.00	0.00	1.00	0.00	14.11	40.66	2.00	0.00	1.00	0.00
14.12	40.72	2.00	0.00	1.00	0.00	14.13	40.24	2.00	0.00	1.00	0.00
14.14	39.39	2.00	0.00	1.00	0.00	14.15	38.92	2.00	0.00	1.00	0.00
14.16	38.77	2.00	0.00	1.00	0.00	14.17	38.72	2.00	0.00	1.00	0.00
14.18	38.61	2.00	0.00	1.00	0.00	14.19	38.78	2.00	0.00	1.00	0.00
14.20	39.27	2.00	0.00	1.00	0.00	14.21	39.79	2.00	0.00	1.00	0.00
14.22	39.69	2.00	0.00	1.00	0.00	14.23	40.56	2.00	0.00	1.00	0.00
14.24	42.52	0.54	4.71	1.00	0.05	14.25	44.69	0.55	4.52	1.00	0.05
14.26	46.26	0.56	4.40	1.00	0.04	14.27	46.41	0.56	4.39	1.00	0.04
14.28	46.38	0.56	4.39	1.00	0.04	14.29	25.74	0.45	5.80	1.00	0.06
14.30	48.09	0.57	4.26	1.00	0.04	14.31	49.90	0.58	4.13	1.00	0.04
14.32	52.78	0.60	3.95	1.00	0.04	14.33	54.59	0.61	3.84	1.00	0.04
14.34	57.40	0.62	3.68	1.00	0.04	14.35	61.34	0.65	3.49	1.00	0.03
14.36	66.88	2.00	0.00	1.00	0.00	14.37	71.95	2.00	0.00	1.00	0.00
14.38	74.69	2.00	0.00	1.00	0.00	14.39	75.52	2.00	0.00	1.00	0.00
14.40	76.66	2.00	0.00	1.00	0.00	14.41	78.40	2.00	0.00	1.00	0.00
14.42	81.06	2.00	0.00	1.00	0.00	14.43	81.90	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
14.44	80.88	2.00	0.00	1.00	0.00	14.45	78.47	2.00	0.00	1.00	0.00
14.46	76.90	0.78	2.90	1.00	0.03	14.47	76.50	0.78	2.91	1.00	0.03
14.48	78.01	0.80	2.86	1.00	0.03	14.49	81.68	0.84	2.73	1.00	0.03
14.50	85.97	0.89	1.96	1.00	0.02	14.51	89.23	2.00	0.00	1.00	0.00
14.52	90.54	2.00	0.00	1.00	0.00	14.53	92.92	2.00	0.00	1.00	0.00
14.54	97.56	2.00	0.00	1.00	0.00	14.55	103.08	2.00	0.00	1.00	0.00
14.56	106.10	2.00	0.00	1.00	0.00	14.57	107.40	2.00	0.00	1.00	0.00
14.58	108.36	2.00	0.00	1.00	0.00	14.59	109.61	2.00	0.00	1.00	0.00
14.60	109.85	2.00	0.00	1.00	0.00	14.61	109.26	2.00	0.00	1.00	0.00
14.62	108.76	2.00	0.00	1.00	0.00	14.63	108.89	2.00	0.00	1.00	0.00
14.64	108.53	2.00	0.00	1.00	0.00	14.65	106.63	2.00	0.00	1.00	0.00
14.66	103.29	2.00	0.00	1.00	0.00	14.67	100.62	2.00	0.00	1.00	0.00
14.68	99.31	2.00	0.00	1.00	0.00	14.69	94.33	2.00	0.00	1.00	0.00
14.70	88.81	2.00	0.00	1.00	0.00	14.71	84.00	2.00	0.00	1.00	0.00
14.72	84.33	2.00	0.00	1.00	0.00	14.73	84.22	2.00	0.00	1.00	0.00
14.74	81.71	2.00	0.00	1.00	0.00	14.75	79.03	2.00	0.00	1.00	0.00
14.76	74.22	2.00	0.00	1.00	0.00	14.77	70.68	2.00	0.00	1.00	0.00
14.78	66.39	2.00	0.00	1.00	0.00	14.79	65.11	2.00	0.00	1.00	0.00
14.80	64.61	2.00	0.00	1.00	0.00	14.81	64.31	2.00	0.00	1.00	0.00
14.82	63.41	2.00	0.00	1.00	0.00	14.83	62.89	2.00	0.00	1.00	0.00
14.84	63.10	2.00	0.00	1.00	0.00	14.85	63.61	2.00	0.00	1.00	0.00
14.86	64.06	2.00	0.00	1.00	0.00	14.87	64.32	2.00	0.00	1.00	0.00
14.88	64.06	2.00	0.00	1.00	0.00	14.89	63.71	2.00	0.00	1.00	0.00
14.90	63.53	2.00	0.00	1.00	0.00	14.91	64.07	2.00	0.00	1.00	0.00
14.92	65.17	2.00	0.00	1.00	0.00	14.93	66.31	2.00	0.00	1.00	0.00
14.94	67.82	2.00	0.00	1.00	0.00	14.95	69.67	2.00	0.00	1.00	0.00
14.96	71.24	2.00	0.00	1.00	0.00	14.97	72.19	2.00	0.00	1.00	0.00
14.98	72.50	2.00	0.00	1.00	0.00	14.99	72.35	2.00	0.00	1.00	0.00
15.00	72.19	2.00	0.00	1.00	0.00	15.01	71.74	2.00	0.00	1.00	0.00
15.02	71.24	2.00	0.00	1.00	0.00	15.03	70.61	2.00	0.00	1.00	0.00
15.04	70.26	2.00	0.00	1.00	0.00	15.05	70.31	2.00	0.00	1.00	0.00
15.06	70.75	2.00	0.00	1.00	0.00	15.07	71.87	2.00	0.00	1.00	0.00
15.08	73.49	2.00	0.00	1.00	0.00	15.09	75.02	2.00	0.00	1.00	0.00
15.10	76.61	2.00	0.00	1.00	0.00	15.11	78.27	2.00	0.00	1.00	0.00
15.12	79.92	2.00	0.00	1.00	0.00	15.13	80.78	2.00	0.00	1.00	0.00
15.14	81.79	2.00	0.00	1.00	0.00	15.15	83.03	2.00	0.00	1.00	0.00
15.16	84.83	2.00	0.00	1.00	0.00	15.17	86.74	2.00	0.00	1.00	0.00
15.18	88.18	2.00	0.00	1.00	0.00	15.19	89.87	2.00	0.00	1.00	0.00
15.20	91.26	2.00	0.00	1.00	0.00	15.21	93.38	2.00	0.00	1.00	0.00
15.22	96.02	2.00	0.00	1.00	0.00	15.23	98.29	2.00	0.00	1.00	0.00
15.24	99.90	2.00	0.00	1.00	0.00	15.25	100.41	2.00	0.00	1.00	0.00
15.26	101.18	2.00	0.00	1.00	0.00	15.27	102.91	2.00	0.00	1.00	0.00
15.28	105.12	2.00	0.00	1.00	0.00	15.29	107.38	2.00	0.00	1.00	0.00
15.30	108.60	2.00	0.00	1.00	0.00	15.31	108.75	2.00	0.00	1.00	0.00
15.32	107.90	2.00	0.00	1.00	0.00	15.33	106.54	2.00	0.00	1.00	0.00
15.34	105.07	2.00	0.00	1.00	0.00	15.35	103.89	2.00	0.00	1.00	0.00
15.36	103.34	2.00	0.00	1.00	0.00	15.37	103.78	2.00	0.00	1.00	0.00
15.38	105.57	2.00	0.00	1.00	0.00	15.39	107.63	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	109.57	2.00	0.00	1.00	0.00	15.41	110.18	2.00	0.00	1.00	0.00
15.42	109.87	2.00	0.00	1.00	0.00	15.43	108.89	2.00	0.00	1.00	0.00
15.44	108.00	2.00	0.00	1.00	0.00	15.45	107.54	2.00	0.00	1.00	0.00
15.46	107.17	2.00	0.00	1.00	0.00	15.47	107.04	2.00	0.00	1.00	0.00
15.48	106.87	2.00	0.00	1.00	0.00	15.49	106.74	2.00	0.00	1.00	0.00
15.50	106.51	2.00	0.00	1.00	0.00	15.51	105.69	2.00	0.00	1.00	0.00
15.52	104.75	2.00	0.00	1.00	0.00	15.53	103.72	2.00	0.00	1.00	0.00
15.54	103.19	2.00	0.00	1.00	0.00	15.55	102.68	2.00	0.00	1.00	0.00
15.56	101.94	2.00	0.00	1.00	0.00	15.57	101.22	2.00	0.00	1.00	0.00
15.58	100.68	2.00	0.00	1.00	0.00	15.59	100.38	2.00	0.00	1.00	0.00
15.60	100.20	2.00	0.00	1.00	0.00	15.61	99.90	2.00	0.00	1.00	0.00
15.62	99.51	2.00	0.00	1.00	0.00	15.63	99.01	2.00	0.00	1.00	0.00
15.64	99.01	2.00	0.00	1.00	0.00	15.65	99.23	2.00	0.00	1.00	0.00
15.66	99.66	2.00	0.00	1.00	0.00	15.67	99.73	2.00	0.00	1.00	0.00
15.68	99.80	2.00	0.00	1.00	0.00	15.69	98.80	2.00	0.00	1.00	0.00
15.70	98.01	2.00	0.00	1.00	0.00	15.71	97.42	2.00	0.00	1.00	0.00
15.72	98.03	2.00	0.00	1.00	0.00	15.73	98.36	2.00	0.00	1.00	0.00
15.74	98.25	2.00	0.00	1.00	0.00	15.75	97.78	2.00	0.00	1.00	0.00
15.76	97.11	2.00	0.00	1.00	0.00	15.77	96.43	2.00	0.00	1.00	0.00
15.78	95.67	2.00	0.00	1.00	0.00	15.79	94.89	2.00	0.00	1.00	0.00
15.80	94.08	2.00	0.00	1.00	0.00	15.81	93.27	2.00	0.00	1.00	0.00
15.82	92.52	2.00	0.00	1.00	0.00	15.83	91.90	2.00	0.00	1.00	0.00
15.84	91.13	2.00	0.00	1.00	0.00	15.85	90.25	2.00	0.00	1.00	0.00
15.86	89.28	2.00	0.00	1.00	0.00	15.87	88.40	2.00	0.00	1.00	0.00
15.88	87.91	2.00	0.00	1.00	0.00	15.89	87.57	2.00	0.00	1.00	0.00
15.90	87.55	2.00	0.00	1.00	0.00	15.91	87.53	2.00	0.00	1.00	0.00
15.92	87.64	2.00	0.00	1.00	0.00	15.93	87.93	2.00	0.00	1.00	0.00
15.94	88.43	2.00	0.00	1.00	0.00	15.95	89.04	2.00	0.00	1.00	0.00
15.96	89.60	2.00	0.00	1.00	0.00	15.97	90.05	2.00	0.00	1.00	0.00
15.98	90.50	2.00	0.00	1.00	0.00	15.99	90.93	2.00	0.00	1.00	0.00
16.00	91.35	2.00	0.00	1.00	0.00	16.01	91.62	2.00	0.00	1.00	0.00
16.02	91.78	2.00	0.00	1.00	0.00	16.03	91.92	2.00	0.00	1.00	0.00
16.04	92.12	2.00	0.00	1.00	0.00	16.05	92.19	2.00	0.00	1.00	0.00
16.06	91.99	2.00	0.00	1.00	0.00	16.07	91.48	2.00	0.00	1.00	0.00
16.08	90.89	2.00	0.00	1.00	0.00	16.09	90.33	2.00	0.00	1.00	0.00
16.10	89.61	2.00	0.00	1.00	0.00	16.11	89.01	2.00	0.00	1.00	0.00
16.12	88.36	2.00	0.00	1.00	0.00	16.13	87.89	2.00	0.00	1.00	0.00
16.14	87.33	2.00	0.00	1.00	0.00	16.15	86.78	2.00	0.00	1.00	0.00
16.16	86.28	2.00	0.00	1.00	0.00	16.17	85.95	2.00	0.00	1.00	0.00
16.18	85.66	2.00	0.00	1.00	0.00	16.19	85.49	2.00	0.00	1.00	0.00
16.20	85.23	2.00	0.00	1.00	0.00	16.21	85.15	2.00	0.00	1.00	0.00
16.22	84.92	2.00	0.00	1.00	0.00	16.23	85.27	2.00	0.00	1.00	0.00
16.24	85.74	2.00	0.00	1.00	0.00	16.25	86.52	2.00	0.00	1.00	0.00
16.26	86.97	2.00	0.00	1.00	0.00	16.27	87.39	2.00	0.00	1.00	0.00
16.28	87.45	2.00	0.00	1.00	0.00	16.29	87.54	2.00	0.00	1.00	0.00
16.30	87.70	2.00	0.00	1.00	0.00	16.31	88.20	2.00	0.00	1.00	0.00
16.32	88.65	2.00	0.00	1.00	0.00	16.33	88.84	2.00	0.00	1.00	0.00
16.34	88.76	2.00	0.00	1.00	0.00	16.35	88.38	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	87.34	2.00	0.00	1.00	0.00	16.37	86.42	2.00	0.00	1.00	0.00
16.38	85.12	2.00	0.00	1.00	0.00	16.39	84.23	2.00	0.00	1.00	0.00
16.40	83.08	2.00	0.00	1.00	0.00	16.41	82.50	2.00	0.00	1.00	0.00
16.42	82.27	2.00	0.00	1.00	0.00	16.43	82.11	2.00	0.00	1.00	0.00
16.44	81.66	2.00	0.00	1.00	0.00	16.45	81.09	2.00	0.00	1.00	0.00
16.46	80.54	2.00	0.00	1.00	0.00	16.47	80.48	2.00	0.00	1.00	0.00
16.48	80.39	2.00	0.00	1.00	0.00	16.49	80.38	2.00	0.00	1.00	0.00
16.50	79.99	2.00	0.00	1.00	0.00	16.51	79.76	2.00	0.00	1.00	0.00
16.52	79.49	2.00	0.00	1.00	0.00	16.53	79.39	2.00	0.00	1.00	0.00
16.54	79.22	2.00	0.00	1.00	0.00	16.55	78.98	2.00	0.00	1.00	0.00
16.56	78.69	2.00	0.00	1.00	0.00	16.57	78.44	2.00	0.00	1.00	0.00
16.58	78.42	2.00	0.00	1.00	0.00	16.59	78.43	2.00	0.00	1.00	0.00
16.60	77.97	2.00	0.00	1.00	0.00	16.61	77.44	2.00	0.00	1.00	0.00
16.62	77.18	2.00	0.00	1.00	0.00	16.63	77.51	2.00	0.00	1.00	0.00
16.64	77.73	2.00	0.00	1.00	0.00	16.65	77.89	2.00	0.00	1.00	0.00
16.66	78.24	2.00	0.00	1.00	0.00	16.67	78.70	2.00	0.00	1.00	0.00
16.68	79.03	2.00	0.00	1.00	0.00	16.69	76.64	2.00	0.00	1.00	0.00
16.70	74.16	2.00	0.00	1.00	0.00	16.71	72.54	2.00	0.00	1.00	0.00
16.72	73.54	2.00	0.00	1.00	0.00	16.73	75.88	2.00	0.00	1.00	0.00
16.74	77.66	2.00	0.00	1.00	0.00	16.75	79.51	2.00	0.00	1.00	0.00
16.76	80.80	2.00	0.00	1.00	0.00	16.77	82.01	2.00	0.00	1.00	0.00
16.78	83.43	2.00	0.00	1.00	0.00	16.79	84.18	2.00	0.00	1.00	0.00
16.80	84.45	2.00	0.00	1.00	0.00	16.81	84.35	2.00	0.00	1.00	0.00
16.82	84.40	2.00	0.00	1.00	0.00	16.83	85.77	2.00	0.00	1.00	0.00
16.84	87.16	2.00	0.00	1.00	0.00	16.85	89.04	2.00	0.00	1.00	0.00
16.86	90.01	2.00	0.00	1.00	0.00	16.87	90.98	2.00	0.00	1.00	0.00
16.88	91.15	2.00	0.00	1.00	0.00	16.89	91.43	2.00	0.00	1.00	0.00
16.90	91.66	2.00	0.00	1.00	0.00	16.91	91.77	2.00	0.00	1.00	0.00
16.92	91.55	2.00	0.00	1.00	0.00	16.93	91.34	2.00	0.00	1.00	0.00
16.94	91.16	2.00	0.00	1.00	0.00	16.95	90.76	2.00	0.00	1.00	0.00
16.96	90.66	2.00	0.00	1.00	0.00	16.97	90.46	2.00	0.00	1.00	0.00
16.98	90.09	2.00	0.00	1.00	0.00	16.99	89.24	2.00	0.00	1.00	0.00
17.00	88.42	2.00	0.00	1.00	0.00	17.01	87.70	2.00	0.00	1.00	0.00
17.02	86.83	2.00	0.00	1.00	0.00	17.03	85.89	2.00	0.00	1.00	0.00
17.04	85.96	2.00	0.00	1.00	0.00	17.05	86.62	2.00	0.00	1.00	0.00
17.06	87.42	2.00	0.00	1.00	0.00	17.07	87.32	2.00	0.00	1.00	0.00
17.08	86.60	2.00	0.00	1.00	0.00	17.09	85.85	2.00	0.00	1.00	0.00
17.10	85.35	2.00	0.00	1.00	0.00	17.11	85.49	2.00	0.00	1.00	0.00
17.12	85.53	2.00	0.00	1.00	0.00	17.13	85.14	2.00	0.00	1.00	0.00
17.14	84.13	2.00	0.00	1.00	0.00	17.15	83.15	2.00	0.00	1.00	0.00
17.16	82.93	2.00	0.00	1.00	0.00	17.17	83.20	2.00	0.00	1.00	0.00
17.18	83.66	2.00	0.00	1.00	0.00	17.19	83.19	2.00	0.00	1.00	0.00
17.20	82.55	2.00	0.00	1.00	0.00	17.21	82.25	2.00	0.00	1.00	0.00
17.22	82.98	2.00	0.00	1.00	0.00	17.23	83.99	2.00	0.00	1.00	0.00
17.24	84.40	2.00	0.00	1.00	0.00	17.25	83.96	2.00	0.00	1.00	0.00
17.26	82.80	2.00	0.00	1.00	0.00	17.27	81.70	2.00	0.00	1.00	0.00
17.28	80.49	2.00	0.00	1.00	0.00	17.29	79.10	2.00	0.00	1.00	0.00
17.30	77.43	2.00	0.00	1.00	0.00	17.31	75.61	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
17.32	74.25	2.00	0.00	1.00	0.00	17.33	73.34	2.00	0.00	1.00	0.00
17.34	73.03	2.00	0.00	1.00	0.00	17.35	72.35	2.00	0.00	1.00	0.00
17.36	71.22	2.00	0.00	1.00	0.00	17.37	69.74	2.00	0.00	1.00	0.00
17.38	68.46	2.00	0.00	1.00	0.00	17.39	67.68	2.00	0.00	1.00	0.00
17.40	67.49	2.00	0.00	1.00	0.00	17.41	67.79	2.00	0.00	1.00	0.00
17.42	68.35	2.00	0.00	1.00	0.00	17.43	68.76	2.00	0.00	1.00	0.00
17.44	70.38	2.00	0.00	1.00	0.00	17.45	72.62	2.00	0.00	1.00	0.00
17.46	75.64	2.00	0.00	1.00	0.00	17.47	78.74	2.00	0.00	1.00	0.00
17.48	81.12	2.00	0.00	1.00	0.00	17.49	82.58	2.00	0.00	1.00	0.00
17.50	82.69	2.00	0.00	1.00	0.00	17.51	82.03	2.00	0.00	1.00	0.00
17.52	81.47	2.00	0.00	1.00	0.00	17.53	81.34	2.00	0.00	1.00	0.00
17.54	82.10	2.00	0.00	1.00	0.00	17.55	83.07	2.00	0.00	1.00	0.00
17.56	83.50	2.00	0.00	1.00	0.00	17.57	83.42	2.00	0.00	1.00	0.00
17.58	83.55	2.00	0.00	1.00	0.00	17.59	83.52	2.00	0.00	1.00	0.00
17.60	83.42	2.00	0.00	1.00	0.00	17.61	83.05	2.00	0.00	1.00	0.00
17.62	83.49	2.00	0.00	1.00	0.00	17.63	84.78	2.00	0.00	1.00	0.00
17.64	86.63	2.00	0.00	1.00	0.00	17.65	89.77	2.00	0.00	1.00	0.00
17.66	92.31	2.00	0.00	1.00	0.00	17.67	94.12	2.00	0.00	1.00	0.00
17.68	97.15	2.00	0.00	1.00	0.00	17.69	101.38	2.00	0.00	1.00	0.00
17.70	105.85	2.00	0.00	1.00	0.00	17.71	107.22	2.00	0.00	1.00	0.00
17.72	107.03	2.00	0.00	1.00	0.00	17.73	106.34	2.00	0.00	1.00	0.00
17.74	106.41	2.00	0.00	1.00	0.00	17.75	107.02	2.00	0.00	1.00	0.00
17.76	108.00	2.00	0.00	1.00	0.00	17.77	108.12	2.00	0.00	1.00	0.00
17.78	107.95	2.00	0.00	1.00	0.00	17.79	106.89	2.00	0.00	1.00	0.00
17.80	105.76	2.00	0.00	1.00	0.00	17.81	104.77	2.00	0.00	1.00	0.00
17.82	104.09	2.00	0.00	1.00	0.00	17.83	103.18	2.00	0.00	1.00	0.00
17.84	100.47	2.00	0.00	1.00	0.00	17.85	97.66	2.00	0.00	1.00	0.00
17.86	95.27	2.00	0.00	1.00	0.00	17.87	94.62	2.00	0.00	1.00	0.00
17.88	94.79	2.00	0.00	1.00	0.00	17.89	95.04	2.00	0.00	1.00	0.00
17.90	95.02	2.00	0.00	1.00	0.00	17.91	93.95	2.00	0.00	1.00	0.00
17.92	91.83	2.00	0.00	1.00	0.00	17.93	89.14	2.00	0.00	1.00	0.00
17.94	85.84	2.00	0.00	1.00	0.00	17.95	83.44	2.00	0.00	1.00	0.00
17.96	82.35	2.00	0.00	1.00	0.00	17.97	82.38	2.00	0.00	1.00	0.00
17.98	82.12	2.00	0.00	1.00	0.00	17.99	81.34	2.00	0.00	1.00	0.00
18.00	80.85	2.00	0.00	1.00	0.00	18.01	81.20	2.00	0.00	1.00	0.00
18.02	81.83	2.00	0.00	1.00	0.00	18.03	81.96	2.00	0.00	1.00	0.00
18.04	81.64	2.00	0.00	1.00	0.00	18.05	80.91	2.00	0.00	1.00	0.00
18.06	80.48	2.00	0.00	1.00	0.00	18.07	80.66	2.00	0.00	1.00	0.00
18.08	81.03	2.00	0.00	1.00	0.00	18.09	79.50	2.00	0.00	1.00	0.00
18.10	77.08	2.00	0.00	1.00	0.00	18.11	75.13	2.00	0.00	1.00	0.00
18.12	75.77	2.00	0.00	1.00	0.00	18.13	77.57	2.00	0.00	1.00	0.00
18.14	81.13	2.00	0.00	1.00	0.00	18.15	85.31	2.00	0.00	1.00	0.00
18.16	89.44	2.00	0.00	1.00	0.00	18.17	91.99	2.00	0.00	1.00	0.00
18.18	93.00	2.00	0.00	1.00	0.00	18.19	92.52	2.00	0.00	1.00	0.00
18.20	91.40	2.00	0.00	1.00	0.00	18.21	90.07	2.00	0.00	1.00	0.00
18.22	88.38	2.00	0.00	1.00	0.00	18.23	85.27	2.00	0.00	1.00	0.00
18.24	81.32	2.00	0.00	1.00	0.00	18.25	78.78	2.00	0.00	1.00	0.00
18.26	79.34	2.00	0.00	1.00	0.00	18.27	82.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	88.81	2.00	0.00	1.00	0.00	18.29	93.55	2.00	0.00	1.00	0.00
18.30	96.51	2.00	0.00	1.00	0.00	18.31	96.90	2.00	0.00	1.00	0.00
18.32	96.77	2.00	0.00	1.00	0.00	18.33	96.43	2.00	0.00	1.00	0.00
18.34	95.23	2.00	0.00	1.00	0.00	18.35	92.98	2.00	0.00	1.00	0.00
18.36	90.74	2.00	0.00	1.00	0.00	18.37	88.98	2.00	0.00	1.00	0.00
18.38	88.43	2.00	0.00	1.00	0.00	18.39	88.71	2.00	0.00	1.00	0.00
18.40	89.57	2.00	0.00	1.00	0.00	18.41	90.85	2.00	0.00	1.00	0.00
18.42	91.45	2.00	0.00	1.00	0.00	18.43	91.72	2.00	0.00	1.00	0.00
18.44	91.72	2.00	0.00	1.00	0.00	18.45	91.39	2.00	0.00	1.00	0.00
18.46	90.89	2.00	0.00	1.00	0.00	18.47	90.25	2.00	0.00	1.00	0.00
18.48	89.09	2.00	0.00	1.00	0.00	18.49	87.19	2.00	0.00	1.00	0.00
18.50	84.72	2.00	0.00	1.00	0.00	18.51	82.06	2.00	0.00	1.00	0.00
18.52	79.92	2.00	0.00	1.00	0.00	18.53	77.82	2.00	0.00	1.00	0.00
18.54	76.54	2.00	0.00	1.00	0.00	18.55	75.59	2.00	0.00	1.00	0.00
18.56	75.71	2.00	0.00	1.00	0.00	18.57	76.31	2.00	0.00	1.00	0.00
18.58	77.61	2.00	0.00	1.00	0.00	18.59	79.76	2.00	0.00	1.00	0.00
18.60	82.04	2.00	0.00	1.00	0.00	18.61	84.33	2.00	0.00	1.00	0.00
18.62	86.03	2.00	0.00	1.00	0.00	18.63	88.39	2.00	0.00	1.00	0.00
18.64	90.64	2.00	0.00	1.00	0.00	18.65	93.07	2.00	0.00	1.00	0.00
18.66	94.31	2.00	0.00	1.00	0.00	18.67	95.05	2.00	0.00	1.00	0.00
18.68	93.51	2.00	0.00	1.00	0.00	18.69	92.71	2.00	0.00	1.00	0.00
18.70	92.44	2.00	0.00	1.00	0.00	18.71	93.50	2.00	0.00	1.00	0.00
18.72	94.09	2.00	0.00	1.00	0.00	18.73	94.19	2.00	0.00	1.00	0.00
18.74	93.60	2.00	0.00	1.00	0.00	18.75	92.60	2.00	0.00	1.00	0.00
18.76	91.66	2.00	0.00	1.00	0.00	18.77	90.38	2.00	0.00	1.00	0.00
18.78	88.55	2.00	0.00	1.00	0.00	18.79	86.00	2.00	0.00	1.00	0.00
18.80	72.27	2.00	0.00	1.00	0.00	18.81	70.71	2.00	0.00	1.00	0.00
18.82	68.85	2.00	0.00	1.00	0.00	18.83	66.87	2.00	0.00	1.00	0.00
18.84	64.94	2.00	0.00	1.00	0.00	18.85	63.15	2.00	0.00	1.00	0.00
18.86	62.02	2.00	0.00	1.00	0.00	18.87	61.20	2.00	0.00	1.00	0.00
18.88	60.95	2.00	0.00	1.00	0.00	18.89	61.14	2.00	0.00	1.00	0.00
18.90	61.37	2.00	0.00	1.00	0.00	18.91	61.37	2.00	0.00	1.00	0.00
18.92	61.10	2.00	0.00	1.00	0.00	18.93	60.36	2.00	0.00	1.00	0.00
18.94	59.16	2.00	0.00	1.00	0.00	18.95	57.27	2.00	0.00	1.00	0.00
18.96	53.87	2.00	0.00	1.00	0.00	18.97	64.89	2.00	0.00	1.00	0.00
18.98	63.19	2.00	0.00	1.00	0.00	18.99	62.93	2.00	0.00	1.00	0.00
19.00	64.45	2.00	0.00	1.00	0.00	19.01	67.30	2.00	0.00	1.00	0.00
19.02	71.25	2.00	0.00	1.00	0.00	19.03	75.28	2.00	0.00	1.00	0.00
19.04	78.86	2.00	0.00	1.00	0.00	19.05	82.02	2.00	0.00	1.00	0.00
19.06	84.79	2.00	0.00	1.00	0.00	19.07	87.46	2.00	0.00	1.00	0.00
19.08	89.55	2.00	0.00	1.00	0.00	19.09	91.07	2.00	0.00	1.00	0.00
19.10	91.80	2.00	0.00	1.00	0.00	19.11	90.66	2.00	0.00	1.00	0.00
19.12	87.66	2.00	0.00	1.00	0.00	19.13	84.50	2.00	0.00	1.00	0.00
19.14	82.42	2.00	0.00	1.00	0.00	19.15	80.58	2.00	0.00	1.00	0.00
19.16	79.26	2.00	0.00	1.00	0.00	19.17	80.32	2.00	0.00	1.00	0.00
19.18	82.64	2.00	0.00	1.00	0.00	19.19	84.94	2.00	0.00	1.00	0.00
19.20	83.69	2.00	0.00	1.00	0.00	19.21	80.42	2.00	0.00	1.00	0.00
19.22	76.70	2.00	0.00	1.00	0.00	19.23	75.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	76.31	2.00	0.00	1.00	0.00	19.25	79.35	2.00	0.00	1.00	0.00
19.26	81.83	2.00	0.00	1.00	0.00	19.27	82.45	2.00	0.00	1.00	0.00
19.28	81.21	2.00	0.00	1.00	0.00	19.29	80.00	2.00	0.00	1.00	0.00
19.30	79.68	2.00	0.00	1.00	0.00	19.31	78.99	2.00	0.00	1.00	0.00
19.32	77.48	2.00	0.00	1.00	0.00	19.33	76.18	2.00	0.00	1.00	0.00
19.34	75.73	2.00	0.00	1.00	0.00	19.35	75.88	2.00	0.00	1.00	0.00
19.36	75.97	2.00	0.00	1.00	0.00	19.37	76.03	2.00	0.00	1.00	0.00
19.38	75.04	2.00	0.00	1.00	0.00	19.39	71.69	2.00	0.00	1.00	0.00
19.40	67.59	2.00	0.00	1.00	0.00	19.41	63.41	2.00	0.00	1.00	0.00
19.42	61.01	2.00	0.00	1.00	0.00	19.43	59.03	2.00	0.00	1.00	0.00
19.44	57.50	2.00	0.00	1.00	0.00	19.45	56.70	2.00	0.00	1.00	0.00
19.46	56.08	2.00	0.00	1.00	0.00	19.47	55.81	2.00	0.00	1.00	0.00
19.48	55.88	2.00	0.00	1.00	0.00	19.49	56.70	2.00	0.00	1.00	0.00
19.50	58.18	2.00	0.00	1.00	0.00	19.51	59.48	2.00	0.00	1.00	0.00
19.52	62.35	2.00	0.00	1.00	0.00	19.53	67.01	2.00	0.00	1.00	0.00
19.54	74.21	2.00	0.00	1.00	0.00	19.55	79.88	2.00	0.00	1.00	0.00
19.56	84.12	2.00	0.00	1.00	0.00	19.57	87.37	2.00	0.00	1.00	0.00
19.58	92.56	2.00	0.00	1.00	0.00	19.59	98.24	2.00	0.00	1.00	0.00
19.60	105.47	2.00	0.00	1.00	0.00	19.61	111.88	2.00	0.00	1.00	0.00
19.62	120.57	2.00	0.00	1.00	0.00	19.63	127.58	2.00	0.00	1.00	0.00
19.64	133.49	2.00	0.00	1.00	0.00	19.65	137.04	2.00	0.00	1.00	0.00
19.66	139.36	2.00	0.00	1.00	0.00	19.67	140.94	2.00	0.00	1.00	0.00
19.68	140.43	2.00	0.00	1.00	0.00	19.69	139.76	2.00	0.00	1.00	0.00
19.70	138.95	2.00	0.00	1.00	0.00	19.71	138.01	2.00	0.00	1.00	0.00
19.72	136.82	2.00	0.00	1.00	0.00	19.73	134.81	2.00	0.00	1.00	0.00
19.74	132.30	2.00	0.00	1.00	0.00	19.75	129.46	2.00	0.00	1.00	0.00
19.76	127.36	2.00	0.00	1.00	0.00	19.77	124.00	2.00	0.00	1.00	0.00
19.78	120.31	2.00	0.00	1.00	0.00	19.79	116.35	2.00	0.00	1.00	0.00
19.80	113.11	2.00	0.00	1.00	0.00	19.81	109.08	2.00	0.00	1.00	0.00
19.82	105.06	2.00	0.00	1.00	0.00	19.83	100.98	2.00	0.00	1.00	0.00
19.84	96.86	2.00	0.00	1.00	0.00	19.85	93.70	2.00	0.00	1.00	0.00
19.86	90.45	2.00	0.00	1.00	0.00	19.87	88.34	2.00	0.00	1.00	0.00
19.88	86.02	2.00	0.00	1.00	0.00	19.89	84.45	2.00	0.00	1.00	0.00
19.90	82.57	2.00	0.00	1.00	0.00	19.91	81.19	2.00	0.00	1.00	0.00
19.92	79.53	2.00	0.00	1.00	0.00	19.93	78.58	2.00	0.00	1.00	0.00
19.94	77.77	2.00	0.00	1.00	0.00	19.95	77.18	2.00	0.00	1.00	0.00
19.96	76.88	2.00	0.00	1.00	0.00	19.97	77.19	2.00	0.00	1.00	0.00
19.98	78.16	2.00	0.00	1.00	0.00	19.99	80.00	2.00	0.00	1.00	0.00
20.00	81.74	2.00	0.00	1.00	0.00	20.01	84.43	2.00	0.00	1.00	0.00
20.02	87.68	2.00	0.00	1.00	0.00	20.03	90.85	2.00	0.00	1.00	0.00
20.04	92.14	2.00	0.00	1.00	0.00	20.05	91.65	2.00	0.00	1.00	0.00
20.06	90.77	2.00	0.00	1.00	0.00	20.07	89.59	2.00	0.00	1.00	0.00
20.08	87.97	2.00	0.00	1.00	0.00	20.09	86.32	2.00	0.00	1.00	0.00
20.10	85.07	2.00	0.00	1.00	0.00	20.11	83.99	2.00	0.00	1.00	0.00
20.12	83.09	2.00	0.00	1.00	0.00						

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
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**Total estimated settlement: 16.18****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**

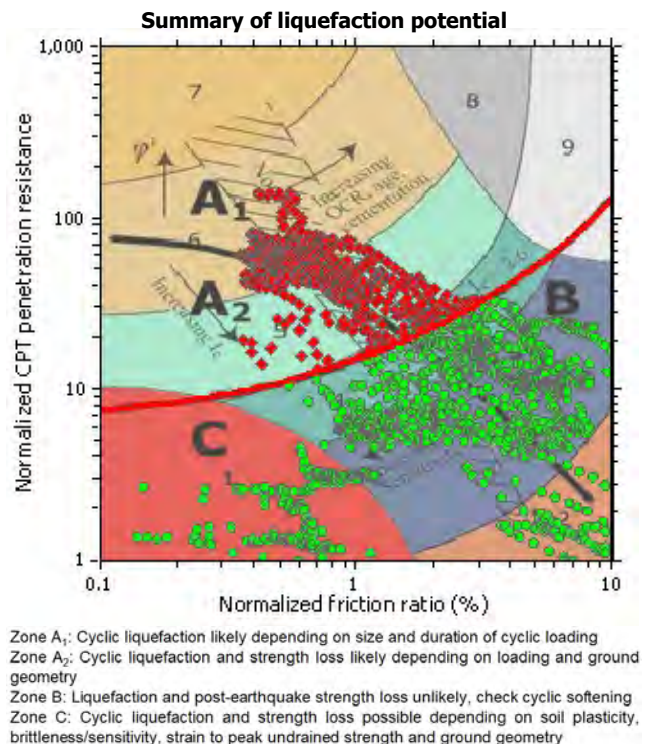
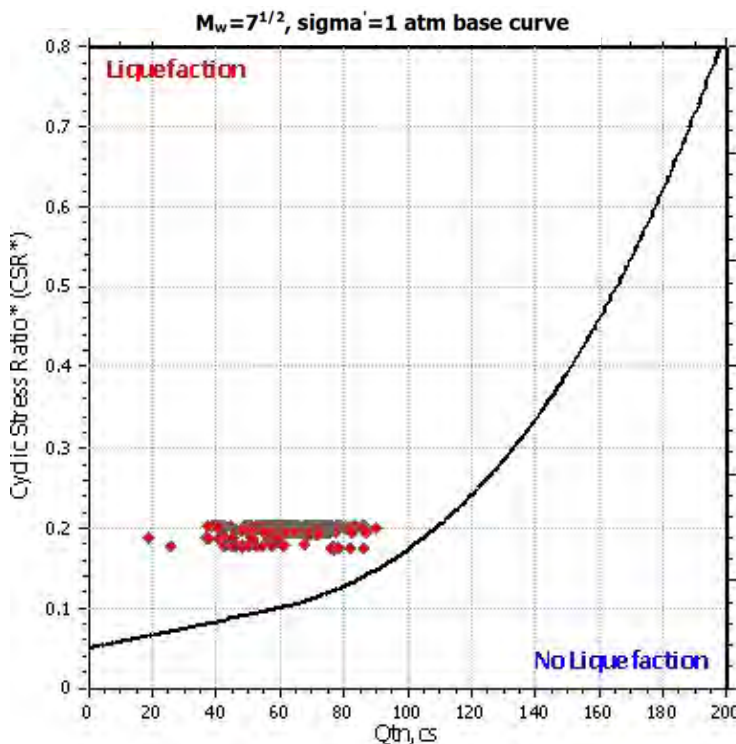
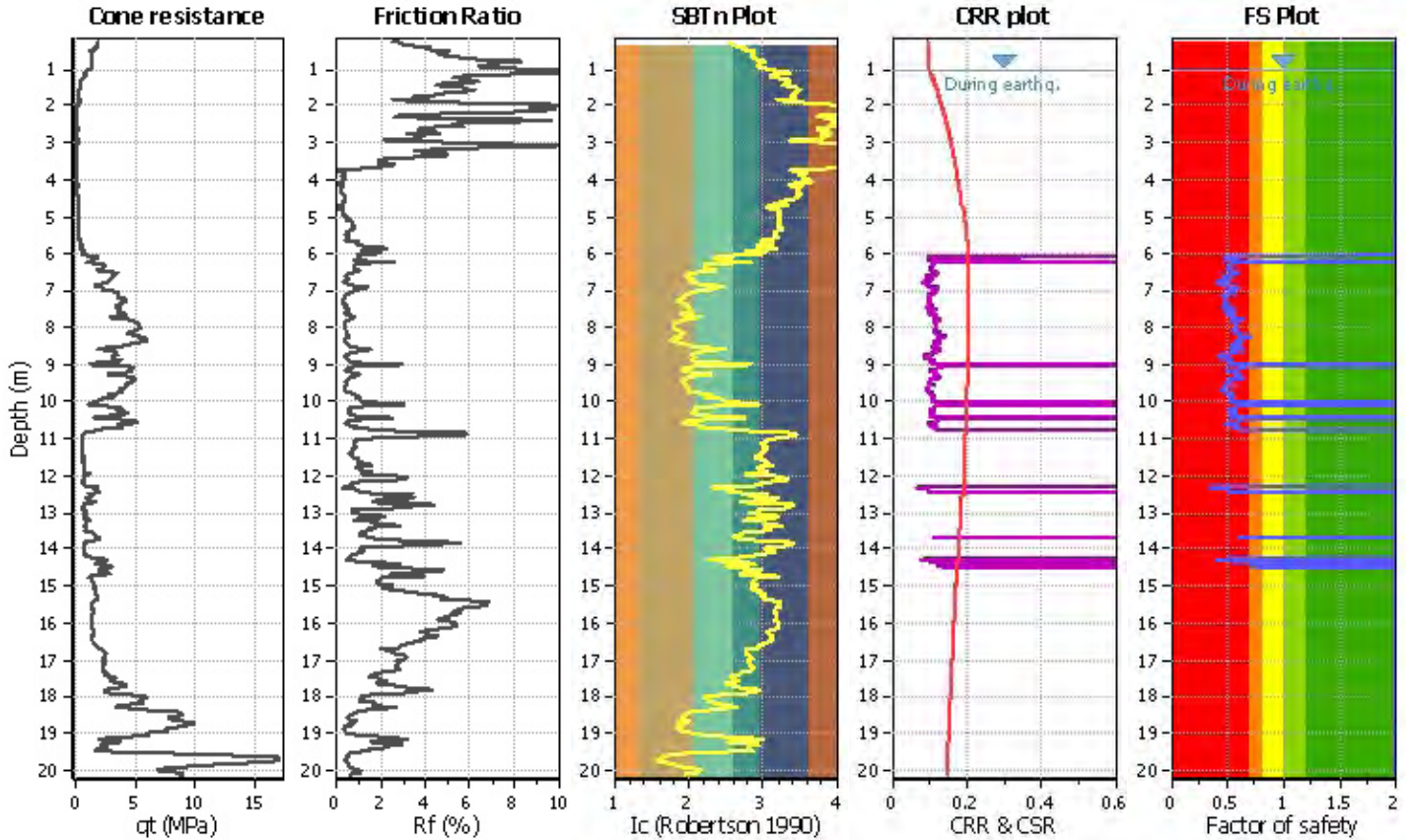
**Project title :**

**Location :**

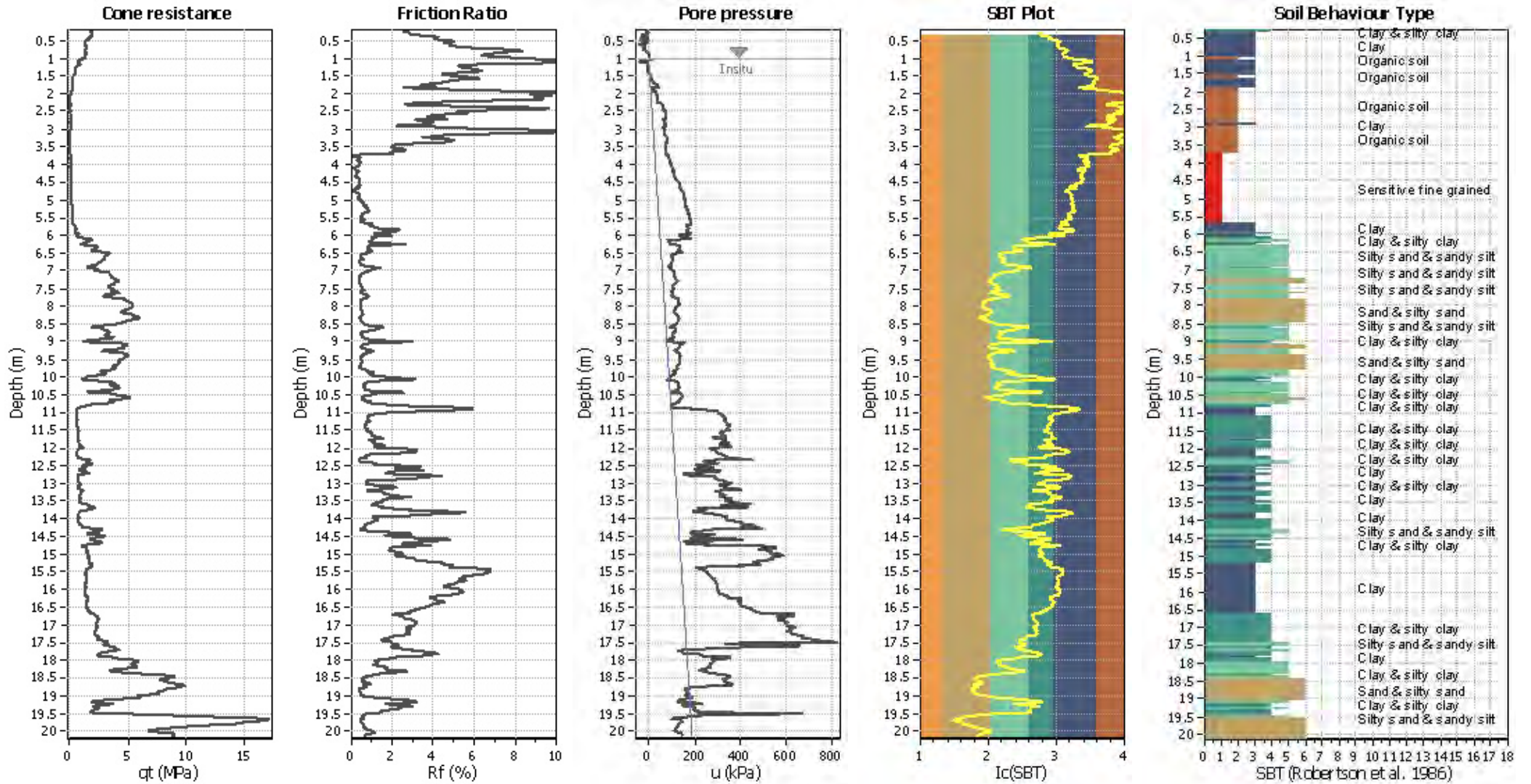
**CPT file : CPTU1 - Area 1**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.75	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



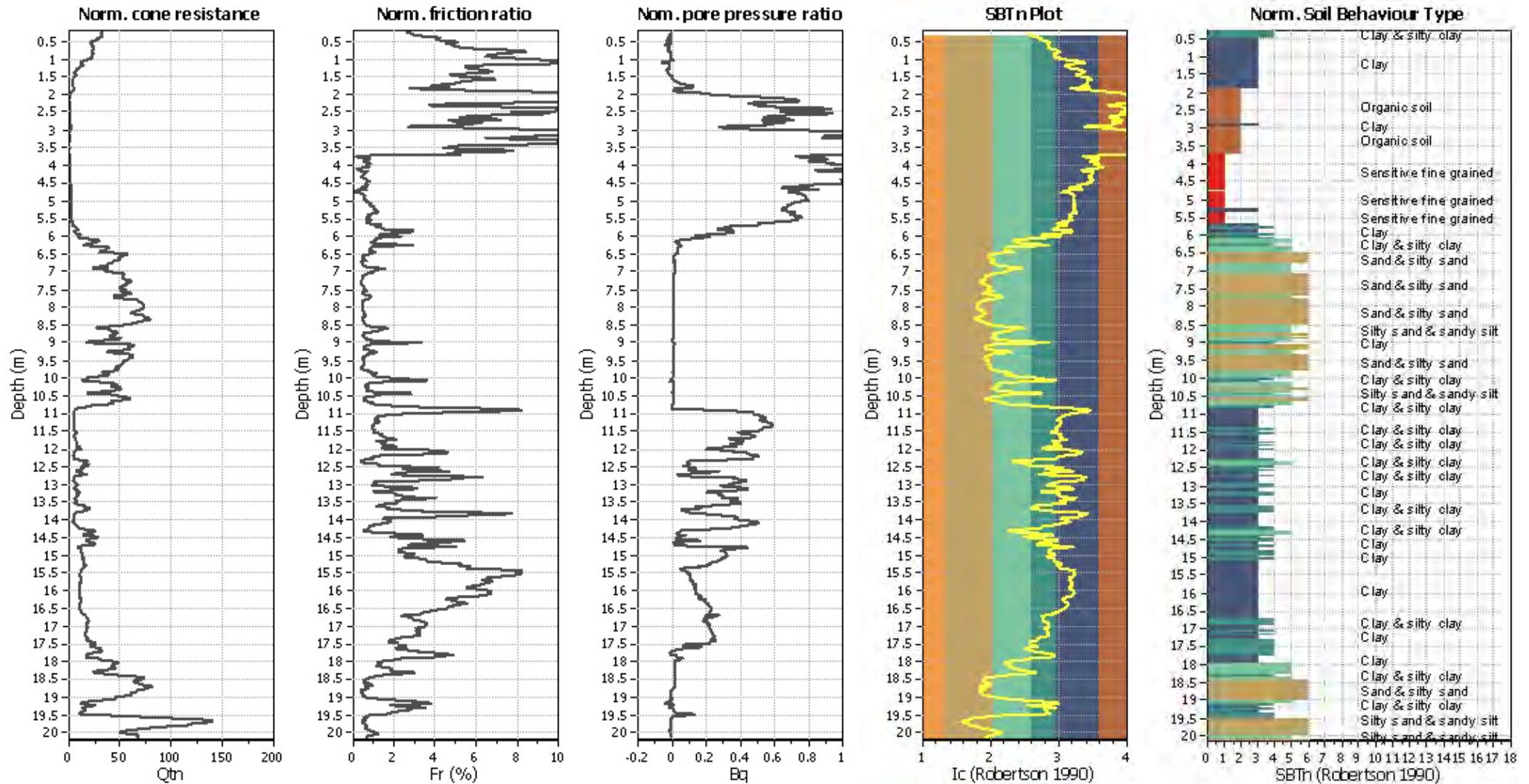
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



#### Input parameters and analysis data

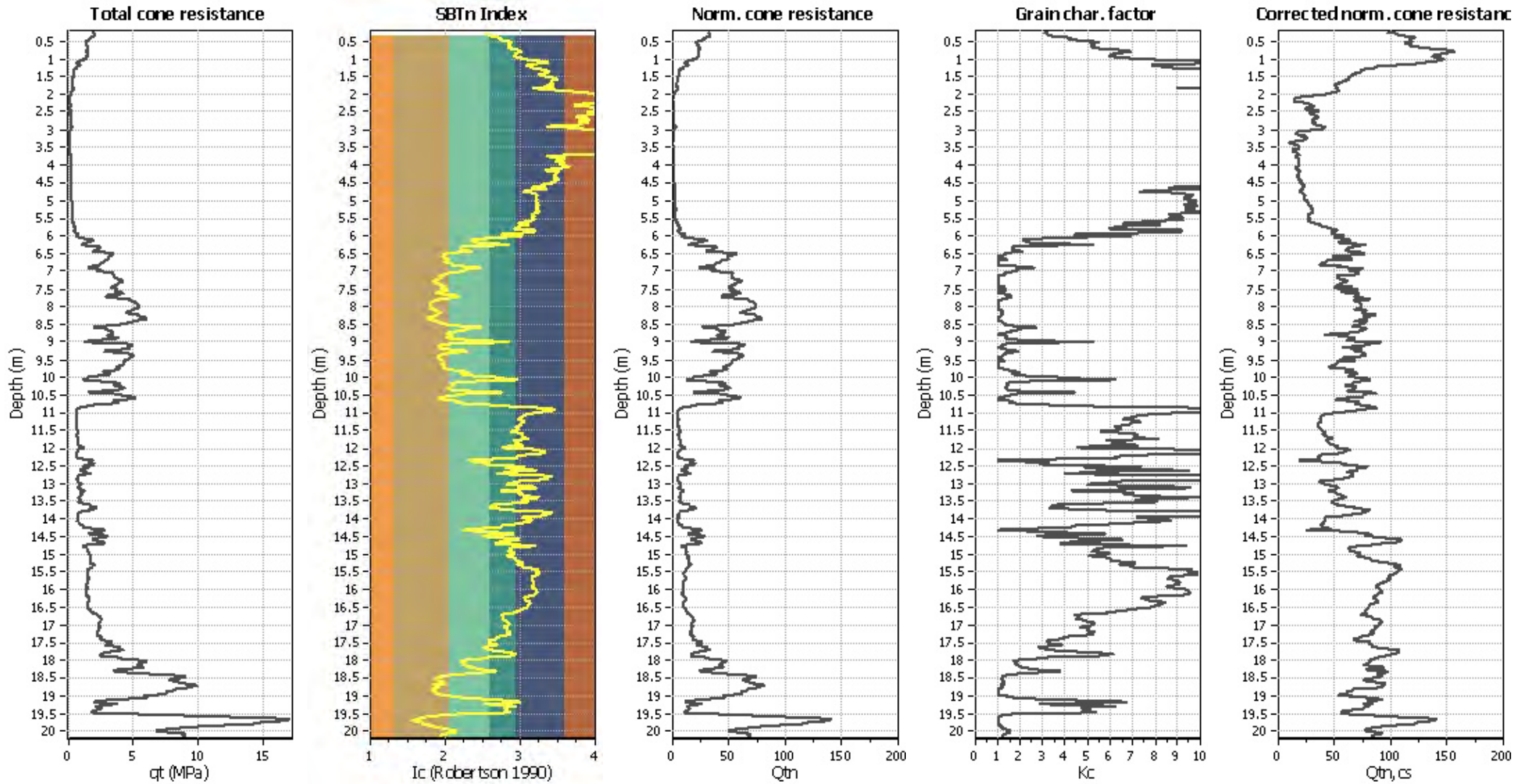
Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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



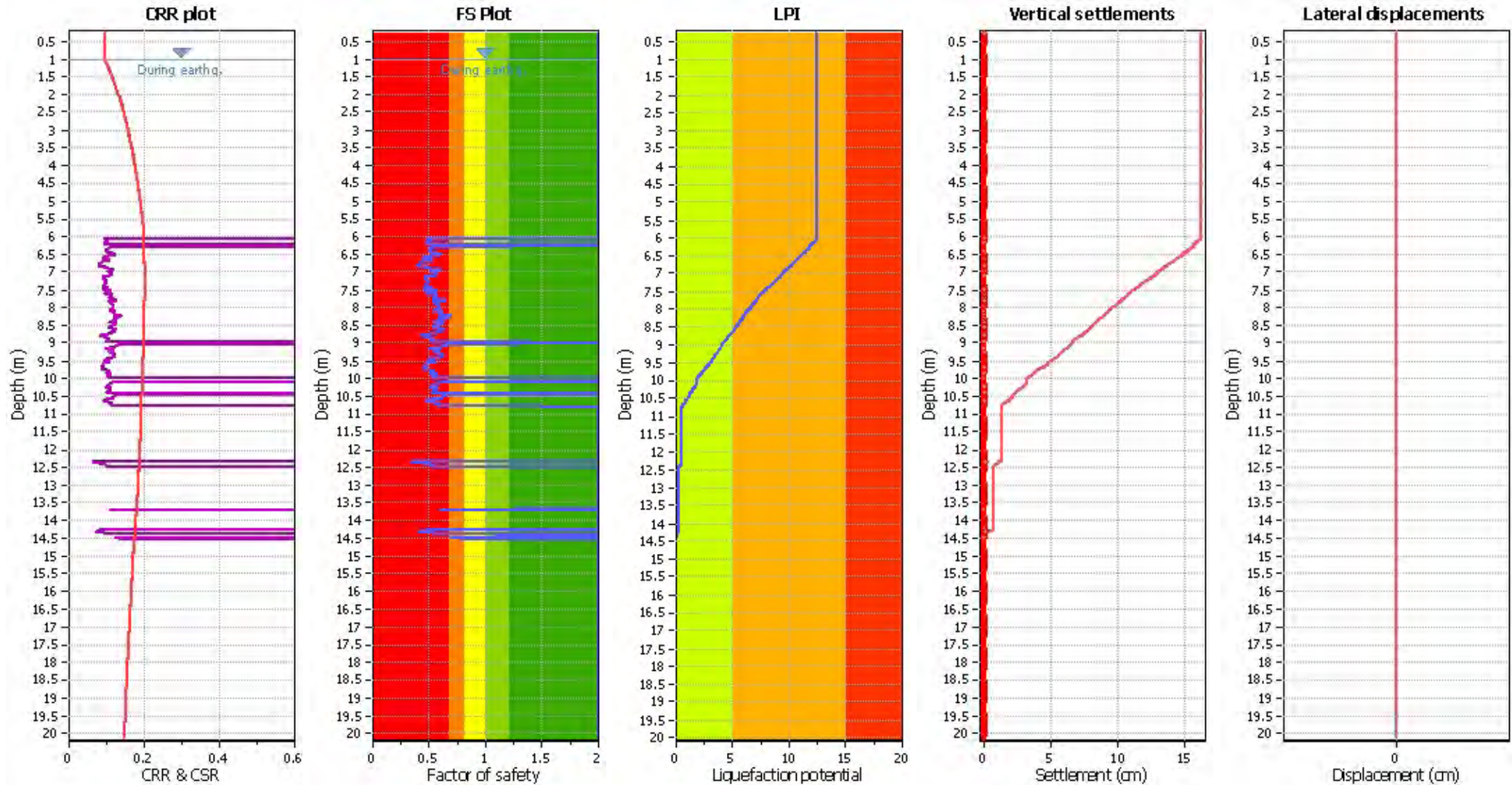
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_{\sigma}$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

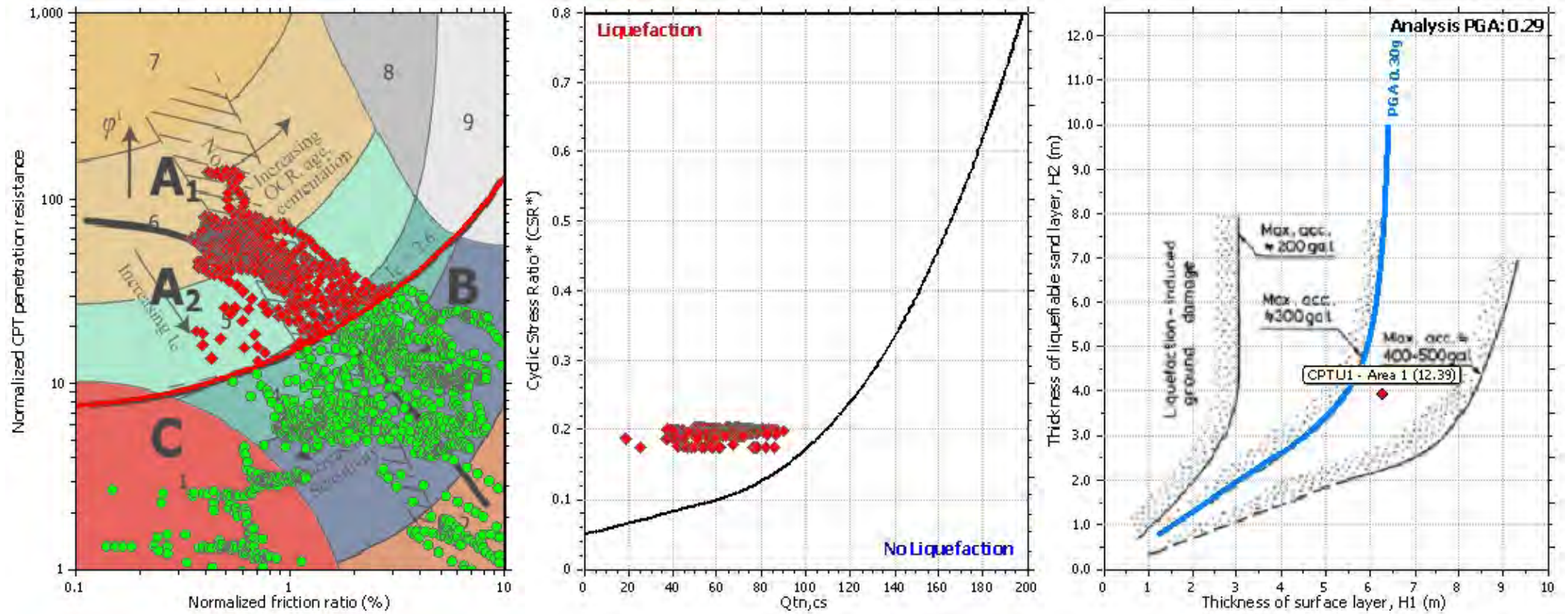
#### F.S. color scheme

- 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

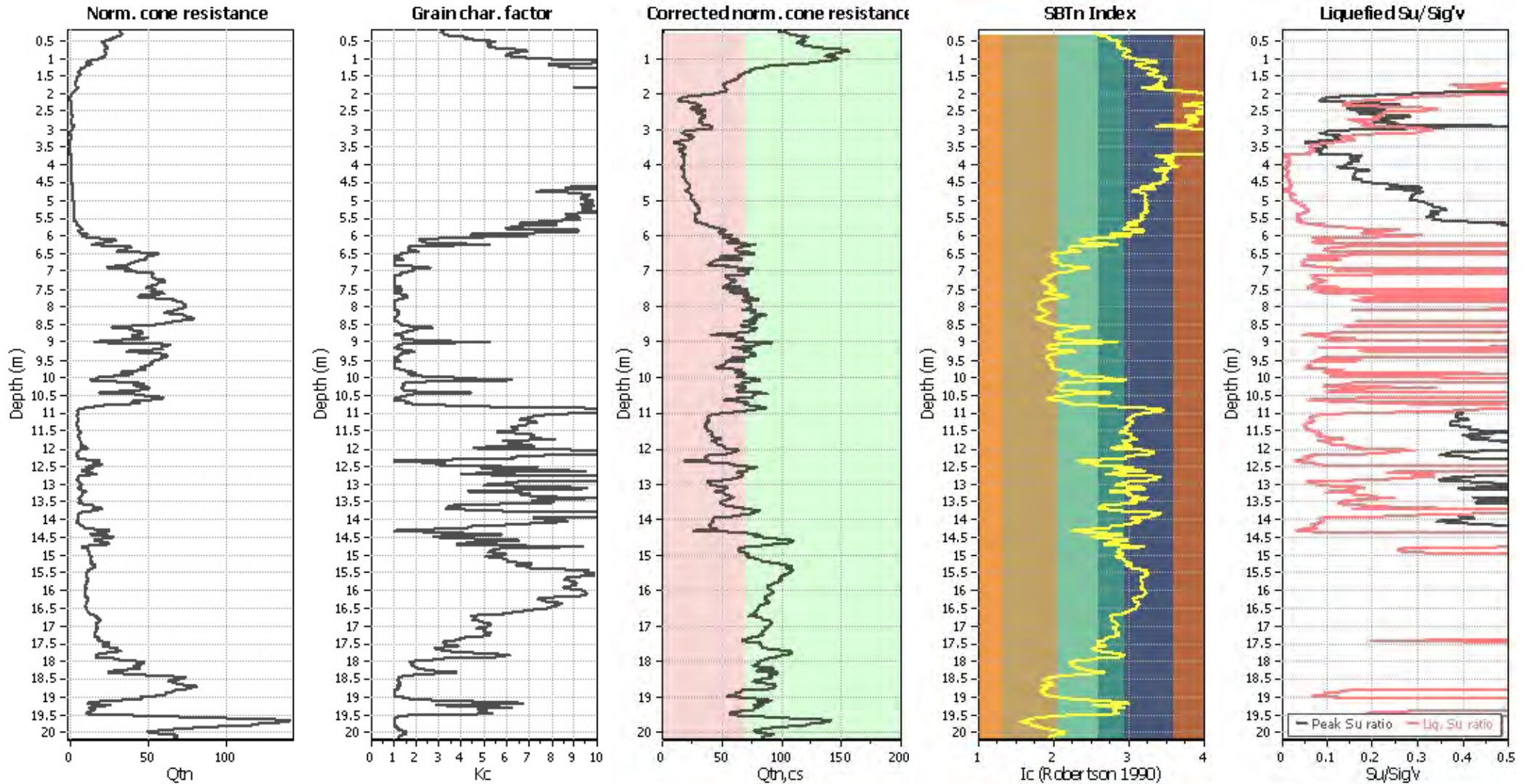
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	0.47	0.53	6.97	0.01	0.04
6.07	0.48	0.52	6.96	0.01	0.04	6.08	0.49	0.51	6.96	0.01	0.04
6.09	0.50	0.50	6.96	0.01	0.03	6.10	0.51	0.49	6.95	0.01	0.03
6.11	0.52	0.48	6.95	0.01	0.03	6.12	0.52	0.48	6.94	0.01	0.03
6.13	0.51	0.49	6.93	0.01	0.03	6.14	0.50	0.50	6.93	0.01	0.03
6.15	0.50	0.50	6.92	0.01	0.03	6.16	0.49	0.51	6.92	0.01	0.04
6.17	0.48	0.52	6.92	0.01	0.04	6.18	0.47	0.53	6.91	0.01	0.04
6.19	0.48	0.52	6.91	0.01	0.04	6.20	0.49	0.51	6.90	0.01	0.04
6.21	0.50	0.50	6.89	0.01	0.03	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	0.56	0.44	6.87	0.01	0.03	6.28	0.54	0.46	6.86	0.01	0.03
6.29	0.53	0.47	6.86	0.01	0.03	6.30	0.53	0.47	6.85	0.01	0.03
6.31	0.53	0.47	6.84	0.01	0.03	6.32	0.53	0.47	6.84	0.01	0.03
6.33	0.52	0.48	6.83	0.01	0.03	6.34	0.51	0.49	6.83	0.01	0.03
6.35	0.51	0.49	6.83	0.01	0.03	6.36	0.51	0.49	6.82	0.01	0.03
6.37	0.51	0.49	6.82	0.01	0.03	6.38	0.50	0.50	6.81	0.01	0.03
6.39	0.50	0.50	6.80	0.01	0.03	6.40	0.50	0.50	6.80	0.01	0.03
6.41	0.50	0.50	6.79	0.01	0.03	6.42	0.51	0.49	6.79	0.01	0.03
6.43	0.51	0.49	6.79	0.01	0.03	6.44	0.52	0.48	6.78	0.01	0.03
6.45	0.53	0.47	6.78	0.01	0.03	6.46	0.55	0.45	6.77	0.01	0.03
6.47	0.57	0.43	6.76	0.01	0.03	6.48	0.59	0.41	6.76	0.01	0.03
6.49	0.59	0.41	6.75	0.01	0.03	6.50	0.60	0.40	6.75	0.01	0.03
6.51	0.60	0.40	6.75	0.01	0.03	6.52	0.60	0.40	6.74	0.01	0.03
6.53	0.58	0.42	6.74	0.01	0.03	6.54	0.56	0.44	6.73	0.01	0.03
6.55	0.54	0.46	6.72	0.01	0.03	6.56	0.46	0.54	6.72	0.01	0.04
6.57	0.46	0.54	6.71	0.01	0.04	6.58	0.45	0.55	6.71	0.01	0.04
6.59	0.45	0.55	6.71	0.01	0.04	6.60	0.45	0.55	6.70	0.01	0.04
6.61	0.45	0.55	6.70	0.01	0.04	6.62	0.45	0.55	6.69	0.01	0.04
6.63	0.45	0.55	6.68	0.01	0.04	6.64	0.52	0.48	6.68	0.01	0.03
6.65	0.52	0.48	6.67	0.01	0.03	6.66	0.53	0.47	6.67	0.01	0.03
6.67	0.53	0.47	6.67	0.01	0.03	6.68	0.53	0.47	6.66	0.01	0.03
6.69	0.52	0.48	6.66	0.01	0.03	6.70	0.51	0.49	6.65	0.01	0.03
6.71	0.43	0.57	6.64	0.01	0.04	6.72	0.42	0.58	6.64	0.01	0.04
6.73	0.42	0.58	6.63	0.01	0.04	6.74	0.42	0.58	6.63	0.01	0.04
6.75	0.42	0.58	6.63	0.01	0.04	6.76	0.42	0.58	6.62	0.01	0.04
6.77	0.42	0.58	6.62	0.01	0.04	6.78	0.41	0.59	6.61	0.01	0.04
6.79	0.41	0.59	6.61	0.01	0.04	6.80	0.40	0.60	6.60	0.01	0.04
6.81	0.47	0.53	6.59	0.01	0.03	6.82	0.47	0.53	6.59	0.01	0.04
6.83	0.47	0.53	6.58	0.01	0.04	6.84	0.46	0.54	6.58	0.01	0.04
6.85	0.47	0.53	6.58	0.01	0.04	6.86	0.48	0.52	6.57	0.01	0.03
6.87	0.49	0.51	6.57	0.01	0.03	6.88	0.51	0.49	6.56	0.01	0.03
6.89	0.55	0.45	6.55	0.01	0.03	6.90	0.58	0.42	6.55	0.01	0.03
6.91	0.60	0.40	6.54	0.01	0.03	6.92	0.59	0.41	6.54	0.01	0.03
6.93	0.58	0.42	6.54	0.01	0.03	6.94	0.56	0.44	6.53	0.01	0.03
6.95	0.55	0.45	6.53	0.01	0.03	6.96	0.54	0.46	6.52	0.01	0.03
6.97	0.53	0.47	6.51	0.01	0.03	6.98	0.52	0.48	6.51	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.99	0.52	0.48	6.50	0.01	0.03	7.00	0.54	0.46	6.50	0.01	0.03
7.01	0.56	0.44	6.50	0.01	0.03	7.02	0.57	0.43	6.49	0.01	0.03
7.03	0.56	0.44	6.49	0.01	0.03	7.04	0.56	0.44	6.48	0.01	0.03
7.05	0.56	0.44	6.47	0.01	0.03	7.06	0.56	0.44	6.47	0.01	0.03
7.07	0.56	0.44	6.46	0.01	0.03	7.08	0.55	0.45	6.46	0.01	0.03
7.09	0.54	0.46	6.46	0.01	0.03	7.10	0.46	0.54	6.45	0.01	0.03
7.11	0.46	0.54	6.45	0.01	0.03	7.12	0.46	0.54	6.44	0.01	0.03
7.13	0.46	0.54	6.43	0.01	0.03	7.14	0.46	0.54	6.43	0.01	0.03
7.15	0.46	0.54	6.42	0.01	0.03	7.16	0.46	0.54	6.42	0.01	0.03
7.17	0.46	0.54	6.42	0.01	0.03	7.18	0.47	0.53	6.41	0.01	0.03
7.19	0.47	0.53	6.41	0.01	0.03	7.20	0.47	0.53	6.40	0.01	0.03
7.21	0.48	0.52	6.39	0.01	0.03	7.22	0.48	0.52	6.39	0.01	0.03
7.23	0.49	0.51	6.38	0.01	0.03	7.24	0.49	0.51	6.38	0.01	0.03
7.25	0.50	0.50	6.38	0.01	0.03	7.26	0.50	0.50	6.37	0.01	0.03
7.27	0.50	0.50	6.37	0.01	0.03	7.28	0.50	0.50	6.36	0.01	0.03
7.29	0.50	0.50	6.36	0.01	0.03	7.30	0.49	0.51	6.35	0.01	0.03
7.31	0.49	0.51	6.34	0.01	0.03	7.32	0.48	0.52	6.34	0.01	0.03
7.33	0.48	0.52	6.33	0.01	0.03	7.34	0.48	0.52	6.33	0.01	0.03
7.35	0.48	0.52	6.33	0.01	0.03	7.36	0.48	0.52	6.32	0.01	0.03
7.37	0.47	0.53	6.32	0.01	0.03	7.38	0.47	0.53	6.31	0.01	0.03
7.39	0.47	0.53	6.30	0.01	0.03	7.40	0.47	0.53	6.30	0.01	0.03
7.41	0.46	0.54	6.29	0.01	0.03	7.42	0.46	0.54	6.29	0.01	0.03
7.43	0.52	0.48	6.29	0.01	0.03	7.44	0.52	0.48	6.28	0.01	0.03
7.45	0.52	0.48	6.28	0.01	0.03	7.46	0.45	0.55	6.27	0.01	0.03
7.47	0.45	0.55	6.26	0.01	0.03	7.48	0.46	0.54	6.26	0.01	0.03
7.49	0.46	0.54	6.25	0.01	0.03	7.50	0.47	0.53	6.25	0.01	0.03
7.51	0.55	0.45	6.25	0.01	0.03	7.52	0.56	0.44	6.24	0.01	0.03
7.53	0.56	0.44	6.24	0.01	0.03	7.54	0.56	0.44	6.23	0.01	0.03
7.55	0.56	0.44	6.22	0.01	0.03	7.56	0.55	0.45	6.22	0.01	0.03
7.57	0.54	0.46	6.21	0.01	0.03	7.58	0.54	0.46	6.21	0.01	0.03
7.59	0.48	0.52	6.21	0.01	0.03	7.60	0.48	0.52	6.20	0.01	0.03
7.61	0.49	0.51	6.20	0.01	0.03	7.62	0.50	0.50	6.19	0.01	0.03
7.63	0.50	0.50	6.18	0.01	0.03	7.64	0.49	0.51	6.18	0.01	0.03
7.65	0.57	0.43	6.17	0.01	0.03	7.66	0.56	0.44	6.17	0.01	0.03
7.67	0.55	0.45	6.17	0.01	0.03	7.68	0.55	0.45	6.16	0.01	0.03
7.69	0.55	0.45	6.16	0.01	0.03	7.70	0.55	0.45	6.15	0.01	0.03
7.71	0.54	0.46	6.14	0.01	0.03	7.72	0.55	0.45	6.14	0.01	0.03
7.73	0.56	0.44	6.13	0.01	0.03	7.74	0.59	0.41	6.13	0.01	0.02
7.75	0.61	0.39	6.13	0.01	0.02	7.76	0.63	0.37	6.12	0.01	0.02
7.77	0.64	0.36	6.12	0.01	0.02	7.78	0.64	0.36	6.11	0.01	0.02
7.79	0.64	0.36	6.11	0.01	0.02	7.80	0.63	0.37	6.10	0.01	0.02
7.81	0.62	0.38	6.09	0.01	0.02	7.82	0.54	0.46	6.09	0.01	0.03
7.83	0.54	0.46	6.08	0.01	0.03	7.84	0.55	0.45	6.08	0.01	0.03
7.85	0.55	0.45	6.08	0.01	0.03	7.86	0.56	0.44	6.07	0.01	0.03
7.87	0.56	0.44	6.07	0.01	0.03	7.88	0.57	0.43	6.06	0.01	0.03
7.89	0.57	0.43	6.05	0.01	0.03	7.90	0.57	0.43	6.05	0.01	0.03
7.91	0.58	0.42	6.04	0.01	0.03	7.92	0.58	0.42	6.04	0.01	0.03
7.93	0.58	0.42	6.04	0.01	0.03	7.94	0.58	0.42	6.03	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.95	0.59	0.41	6.03	0.01	0.02	7.96	0.58	0.42	6.02	0.01	0.02
7.97	0.58	0.42	6.01	0.01	0.03	7.98	0.58	0.42	6.01	0.01	0.02
7.99	0.59	0.41	6.00	0.01	0.02	8.00	0.59	0.41	6.00	0.01	0.02
8.01	0.58	0.42	6.00	0.01	0.02	8.02	0.58	0.42	5.99	0.01	0.03
8.03	0.57	0.43	5.99	0.01	0.03	8.04	0.57	0.43	5.98	0.01	0.03
8.05	0.56	0.44	5.97	0.01	0.03	8.06	0.56	0.44	5.97	0.01	0.03
8.07	0.55	0.45	5.96	0.01	0.03	8.08	0.54	0.46	5.96	0.01	0.03
8.09	0.54	0.46	5.96	0.01	0.03	8.10	0.62	0.38	5.95	0.01	0.02
8.11	0.62	0.38	5.95	0.01	0.02	8.12	0.61	0.39	5.94	0.01	0.02
8.13	0.60	0.40	5.93	0.01	0.02	8.14	0.60	0.40	5.93	0.01	0.02
8.15	0.59	0.41	5.92	0.01	0.02	8.16	0.59	0.41	5.92	0.01	0.02
8.17	0.59	0.41	5.92	0.01	0.02	8.18	0.60	0.40	5.91	0.01	0.02
8.19	0.61	0.39	5.91	0.01	0.02	8.20	0.64	0.36	5.90	0.01	0.02
8.21	0.66	0.34	5.89	0.01	0.02	8.22	0.69	0.31	5.89	0.01	0.02
8.23	0.69	0.31	5.88	0.01	0.02	8.24	0.70	0.30	5.88	0.01	0.02
8.25	0.69	0.31	5.88	0.01	0.02	8.26	0.69	0.31	5.87	0.01	0.02
8.27	0.69	0.31	5.87	0.01	0.02	8.28	0.60	0.40	5.86	0.01	0.02
8.29	0.61	0.39	5.86	0.01	0.02	8.30	0.61	0.39	5.85	0.01	0.02
8.31	0.62	0.38	5.84	0.01	0.02	8.32	0.63	0.37	5.84	0.01	0.02
8.33	0.63	0.37	5.83	0.01	0.02	8.34	0.63	0.37	5.83	0.01	0.02
8.35	0.63	0.37	5.83	0.01	0.02	8.36	0.62	0.38	5.82	0.01	0.02
8.37	0.60	0.40	5.82	0.01	0.02	8.38	0.59	0.41	5.81	0.01	0.02
8.39	0.58	0.42	5.80	0.01	0.02	8.40	0.56	0.44	5.80	0.01	0.03
8.41	0.55	0.45	5.79	0.01	0.03	8.42	0.54	0.46	5.79	0.01	0.03
8.43	0.62	0.38	5.79	0.01	0.02	8.44	0.62	0.38	5.78	0.01	0.02
8.45	0.62	0.38	5.78	0.01	0.02	8.46	0.61	0.39	5.77	0.01	0.02
8.47	0.61	0.39	5.76	0.01	0.02	8.48	0.60	0.40	5.76	0.01	0.02
8.49	0.59	0.41	5.75	0.01	0.02	8.50	0.58	0.42	5.75	0.01	0.02
8.51	0.57	0.43	5.75	0.01	0.02	8.52	0.56	0.44	5.74	0.01	0.03
8.53	0.55	0.45	5.74	0.01	0.03	8.54	0.54	0.46	5.73	0.01	0.03
8.55	0.53	0.47	5.72	0.01	0.03	8.56	0.54	0.46	5.72	0.01	0.03
8.57	0.54	0.46	5.71	0.01	0.03	8.58	0.56	0.44	5.71	0.01	0.02
8.59	0.58	0.42	5.71	0.01	0.02	8.60	0.60	0.40	5.70	0.01	0.02
8.61	0.61	0.39	5.70	0.01	0.02	8.62	0.63	0.37	5.69	0.01	0.02
8.63	0.62	0.38	5.68	0.01	0.02	8.64	0.61	0.39	5.68	0.01	0.02
8.65	0.59	0.41	5.67	0.01	0.02	8.66	0.58	0.42	5.67	0.01	0.02
8.67	0.58	0.42	5.67	0.01	0.02	8.68	0.58	0.42	5.66	0.01	0.02
8.69	0.57	0.43	5.66	0.01	0.02	8.70	0.57	0.43	5.65	0.01	0.02
8.71	0.55	0.45	5.64	0.01	0.03	8.72	0.53	0.47	5.64	0.01	0.03
8.73	0.51	0.49	5.63	0.01	0.03	8.74	0.51	0.49	5.63	0.01	0.03
8.75	0.51	0.49	5.63	0.01	0.03	8.76	0.50	0.50	5.62	0.01	0.03
8.77	0.43	0.57	5.62	0.01	0.03	8.78	0.42	0.58	5.61	0.01	0.03
8.79	0.42	0.58	5.61	0.01	0.03	8.80	0.42	0.58	5.60	0.01	0.03
8.81	0.49	0.51	5.59	0.01	0.03	8.82	0.49	0.51	5.59	0.01	0.03
8.83	0.49	0.51	5.58	0.01	0.03	8.84	0.50	0.50	5.58	0.01	0.03
8.85	0.52	0.48	5.58	0.01	0.03	8.86	0.53	0.47	5.57	0.01	0.03
8.87	0.54	0.46	5.57	0.01	0.03	8.88	0.54	0.46	5.56	0.01	0.03
8.89	0.54	0.46	5.55	0.01	0.03	8.90	0.54	0.46	5.55	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.91	0.53	0.47	5.54	0.01	0.03	8.92	0.52	0.48	5.54	0.01	0.03
8.93	0.51	0.49	5.54	0.01	0.03	8.94	0.51	0.49	5.53	0.01	0.03
8.95	0.52	0.48	5.53	0.01	0.03	8.96	0.53	0.47	5.52	0.01	0.03
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	0.74	0.26	5.50	0.01	0.01	9.02	0.69	0.31	5.49	0.01	0.02
9.03	0.65	0.35	5.49	0.01	0.02	9.04	0.65	0.35	5.48	0.01	0.02
9.05	0.65	0.35	5.47	0.01	0.02	9.06	0.66	0.34	5.47	0.01	0.02
9.07	0.64	0.36	5.46	0.01	0.02	9.08	0.63	0.37	5.46	0.01	0.02
9.09	0.61	0.39	5.46	0.01	0.02	9.10	0.60	0.40	5.45	0.01	0.02
9.11	0.59	0.41	5.45	0.01	0.02	9.12	0.58	0.42	5.44	0.01	0.02
9.13	0.57	0.43	5.43	0.01	0.02	9.14	0.50	0.50	5.43	0.01	0.03
9.15	0.49	0.51	5.42	0.01	0.03	9.16	0.50	0.50	5.42	0.01	0.03
9.17	0.50	0.50	5.42	0.01	0.03	9.18	0.58	0.42	5.41	0.01	0.02
9.19	0.59	0.41	5.41	0.01	0.02	9.20	0.59	0.41	5.40	0.01	0.02
9.21	0.59	0.41	5.39	0.01	0.02	9.22	0.58	0.42	5.39	0.01	0.02
9.23	0.56	0.44	5.38	0.01	0.02	9.24	0.56	0.44	5.38	0.01	0.02
9.25	0.55	0.45	5.38	0.01	0.02	9.26	0.56	0.44	5.37	0.01	0.02
9.27	0.56	0.44	5.37	0.01	0.02	9.28	0.58	0.42	5.36	0.01	0.02
9.29	0.59	0.41	5.36	0.01	0.02	9.30	0.61	0.39	5.35	0.01	0.02
9.31	0.62	0.38	5.34	0.01	0.02	9.32	0.62	0.38	5.34	0.01	0.02
9.33	0.62	0.38	5.33	0.01	0.02	9.34	0.63	0.37	5.33	0.01	0.02
9.35	0.63	0.37	5.33	0.01	0.02	9.36	0.63	0.37	5.32	0.01	0.02
9.37	0.62	0.38	5.32	0.01	0.02	9.38	0.62	0.38	5.31	0.01	0.02
9.39	0.61	0.39	5.30	0.01	0.02	9.40	0.61	0.39	5.30	0.01	0.02
9.41	0.60	0.40	5.29	0.01	0.02	9.42	0.51	0.49	5.29	0.01	0.03
9.43	0.51	0.49	5.29	0.01	0.03	9.44	0.50	0.50	5.28	0.01	0.03
9.45	0.50	0.50	5.28	0.01	0.03	9.46	0.50	0.50	5.27	0.01	0.03
9.47	0.50	0.50	5.26	0.01	0.03	9.48	0.50	0.50	5.26	0.01	0.03
9.49	0.49	0.51	5.25	0.01	0.03	9.50	0.49	0.51	5.25	0.01	0.03
9.51	0.49	0.51	5.25	0.01	0.03	9.52	0.48	0.52	5.24	0.01	0.03
9.53	0.55	0.45	5.24	0.01	0.02	9.54	0.55	0.45	5.23	0.01	0.02
9.55	0.55	0.45	5.22	0.01	0.02	9.56	0.55	0.45	5.22	0.01	0.02
9.57	0.55	0.45	5.21	0.01	0.02	9.58	0.47	0.53	5.21	0.01	0.03
9.59	0.47	0.53	5.21	0.01	0.03	9.60	0.47	0.53	5.20	0.01	0.03
9.61	0.47	0.53	5.20	0.01	0.03	9.62	0.47	0.53	5.19	0.01	0.03
9.63	0.47	0.53	5.18	0.01	0.03	9.64	0.47	0.53	5.18	0.01	0.03
9.65	0.46	0.54	5.17	0.01	0.03	9.66	0.46	0.54	5.17	0.01	0.03
9.67	0.45	0.55	5.17	0.01	0.03	9.68	0.45	0.55	5.16	0.01	0.03
9.69	0.45	0.55	5.16	0.01	0.03	9.70	0.45	0.55	5.15	0.01	0.03
9.71	0.45	0.55	5.14	0.01	0.03	9.72	0.45	0.55	5.14	0.01	0.03
9.73	0.45	0.55	5.13	0.01	0.03	9.74	0.46	0.54	5.13	0.01	0.03
9.75	0.53	0.47	5.13	0.01	0.02	9.76	0.54	0.46	5.12	0.01	0.02
9.77	0.54	0.46	5.12	0.01	0.02	9.78	0.54	0.46	5.11	0.01	0.02
9.79	0.54	0.46	5.11	0.01	0.02	9.80	0.54	0.46	5.10	0.01	0.02
9.81	0.53	0.47	5.09	0.01	0.02	9.82	0.52	0.48	5.09	0.01	0.02
9.83	0.51	0.49	5.08	0.01	0.02	9.84	0.52	0.48	5.08	0.01	0.02
9.85	0.54	0.46	5.08	0.01	0.02	9.86	0.56	0.44	5.07	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.87	0.57	0.43	5.07	0.01	0.02	9.88	0.56	0.44	5.06	0.01	0.02
9.89	0.55	0.45	5.05	0.01	0.02	9.90	0.55	0.45	5.05	0.01	0.02
9.91	0.55	0.45	5.04	0.01	0.02	9.92	0.55	0.45	5.04	0.01	0.02
9.93	0.54	0.46	5.04	0.01	0.02	9.94	0.53	0.47	5.03	0.01	0.02
9.95	0.52	0.48	5.03	0.01	0.02	9.96	0.53	0.47	5.02	0.01	0.02
9.97	0.54	0.46	5.01	0.01	0.02	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	0.60	0.40	4.95	0.01	0.02	10.12	0.57	0.43	4.94	0.01	0.02
10.13	0.56	0.44	4.93	0.01	0.02	10.14	0.56	0.44	4.93	0.01	0.02
10.15	0.56	0.44	4.92	0.01	0.02	10.16	0.55	0.45	4.92	0.01	0.02
10.17	0.55	0.45	4.92	0.01	0.02	10.18	0.55	0.45	4.91	0.01	0.02
10.19	0.55	0.45	4.91	0.01	0.02	10.20	0.54	0.46	4.90	0.01	0.02
10.21	0.53	0.47	4.89	0.01	0.02	10.22	0.52	0.48	4.89	0.01	0.02
10.23	0.52	0.48	4.88	0.01	0.02	10.24	0.52	0.48	4.88	0.01	0.02
10.25	0.53	0.47	4.88	0.01	0.02	10.26	0.55	0.45	4.87	0.01	0.02
10.27	0.57	0.43	4.87	0.01	0.02	10.28	0.57	0.43	4.86	0.01	0.02
10.29	0.57	0.43	4.86	0.01	0.02	10.30	0.57	0.43	4.85	0.01	0.02
10.31	0.56	0.44	4.84	0.01	0.02	10.32	0.56	0.44	4.84	0.01	0.02
10.33	0.56	0.44	4.83	0.01	0.02	10.34	0.55	0.45	4.83	0.01	0.02
10.35	0.54	0.46	4.83	0.01	0.02	10.36	0.53	0.47	4.82	0.01	0.02
10.37	0.53	0.47	4.82	0.01	0.02	10.38	0.52	0.48	4.81	0.01	0.02
10.39	0.52	0.48	4.80	0.01	0.02	10.40	0.54	0.46	4.80	0.01	0.02
10.41	0.56	0.44	4.79	0.01	0.02	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	0.72	0.28	4.77	0.01	0.01
10.47	0.68	0.32	4.76	0.01	0.02	10.48	0.64	0.36	4.76	0.01	0.02
10.49	0.62	0.38	4.75	0.01	0.02	10.50	0.62	0.38	4.75	0.01	0.02
10.51	0.62	0.38	4.75	0.01	0.02	10.52	0.62	0.38	4.74	0.01	0.02
10.53	0.62	0.38	4.74	0.01	0.02	10.54	0.61	0.39	4.73	0.01	0.02
10.55	0.60	0.40	4.72	0.01	0.02	10.56	0.60	0.40	4.72	0.01	0.02
10.57	0.51	0.49	4.71	0.01	0.02	10.58	0.51	0.49	4.71	0.01	0.02
10.59	0.50	0.50	4.71	0.01	0.02	10.60	0.49	0.51	4.70	0.01	0.02
10.61	0.48	0.52	4.70	0.01	0.02	10.62	0.54	0.46	4.69	0.01	0.02
10.63	0.53	0.47	4.68	0.01	0.02	10.64	0.53	0.47	4.68	0.01	0.02
10.65	0.53	0.47	4.67	0.01	0.02	10.66	0.54	0.46	4.67	0.01	0.02
10.67	0.56	0.44	4.67	0.01	0.02	10.68	0.59	0.41	4.66	0.01	0.02
10.69	0.60	0.40	4.66	0.01	0.02	10.70	0.58	0.42	4.65	0.01	0.02
10.71	0.57	0.43	4.64	0.01	0.02	10.72	0.57	0.43	4.64	0.01	0.02
10.73	0.58	0.42	4.63	0.01	0.02	10.74	0.59	0.41	4.63	0.01	0.02
10.75	0.59	0.41	4.63	0.01	0.02	10.76	0.59	0.41	4.62	0.01	0.02
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	0.43	0.57	3.83	0.01	0.02	12.34	0.43	0.57	3.83	0.01	0.02
12.35	0.35	0.65	3.83	0.01	0.02	12.36	0.35	0.65	3.82	0.01	0.02
12.37	0.44	0.56	3.81	0.01	0.02	12.38	0.45	0.55	3.81	0.01	0.02
12.39	0.47	0.53	3.81	0.01	0.02	12.40	0.49	0.51	3.80	0.01	0.02
12.41	0.51	0.49	3.79	0.01	0.02	12.42	0.53	0.47	3.79	0.01	0.02
12.43	0.53	0.47	3.79	0.01	0.02	12.44	0.52	0.48	3.78	0.01	0.02
12.45	0.53	0.47	3.77	0.01	0.02	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	0.60	0.40	3.16	0.01	0.01
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.71	2.00	0.00	3.15	0.01	0.00	13.72	2.00	0.00	3.14	0.01	0.00
13.73	2.00	0.00	3.13	0.01	0.00	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	2.00	0.00	3.10	0.01	0.00
13.81	2.00	0.00	3.10	0.01	0.00	13.82	2.00	0.00	3.09	0.01	0.00
13.83	2.00	0.00	3.08	0.01	0.00	13.84	2.00	0.00	3.08	0.01	0.00
13.85	2.00	0.00	3.08	0.01	0.00	13.86	2.00	0.00	3.07	0.01	0.00
13.87	2.00	0.00	3.06	0.01	0.00	13.88	2.00	0.00	3.06	0.01	0.00
13.89	2.00	0.00	3.06	0.01	0.00	13.90	2.00	0.00	3.05	0.01	0.00
13.91	2.00	0.00	3.04	0.01	0.00	13.92	2.00	0.00	3.04	0.01	0.00
13.93	2.00	0.00	3.04	0.01	0.00	13.94	2.00	0.00	3.03	0.01	0.00
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	2.00	0.00	2.96	0.01	0.00	14.08	2.00	0.00	2.96	0.01	0.00
14.09	2.00	0.00	2.96	0.01	0.00	14.10	2.00	0.00	2.95	0.01	0.00
14.11	2.00	0.00	2.94	0.01	0.00	14.12	2.00	0.00	2.94	0.01	0.00
14.13	2.00	0.00	2.94	0.01	0.00	14.14	2.00	0.00	2.93	0.01	0.00
14.15	2.00	0.00	2.92	0.01	0.00	14.16	2.00	0.00	2.92	0.01	0.00
14.17	2.00	0.00	2.92	0.01	0.00	14.18	2.00	0.00	2.91	0.01	0.00
14.19	2.00	0.00	2.90	0.01	0.00	14.20	2.00	0.00	2.90	0.01	0.00
14.21	2.00	0.00	2.90	0.01	0.00	14.22	2.00	0.00	2.89	0.01	0.00
14.23	2.00	0.00	2.88	0.01	0.00	14.24	0.48	0.52	2.88	0.01	0.01
14.25	0.49	0.51	2.88	0.01	0.01	14.26	0.50	0.50	2.87	0.01	0.01
14.27	0.50	0.50	2.87	0.01	0.01	14.28	0.50	0.50	2.86	0.01	0.01
14.29	0.41	0.59	2.85	0.01	0.02	14.30	0.51	0.49	2.85	0.01	0.01
14.31	0.52	0.48	2.85	0.01	0.01	14.32	0.53	0.47	2.84	0.01	0.01
14.33	0.54	0.46	2.83	0.01	0.01	14.34	0.55	0.45	2.83	0.01	0.01
14.35	0.58	0.42	2.83	0.01	0.01	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	0.70	0.30	2.77	0.01	0.01
14.47	0.70	0.30	2.77	0.01	0.01	14.48	0.71	0.29	2.76	0.01	0.01
14.49	0.75	0.25	2.75	0.01	0.01	14.50	0.80	0.20	2.75	0.01	0.01
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00

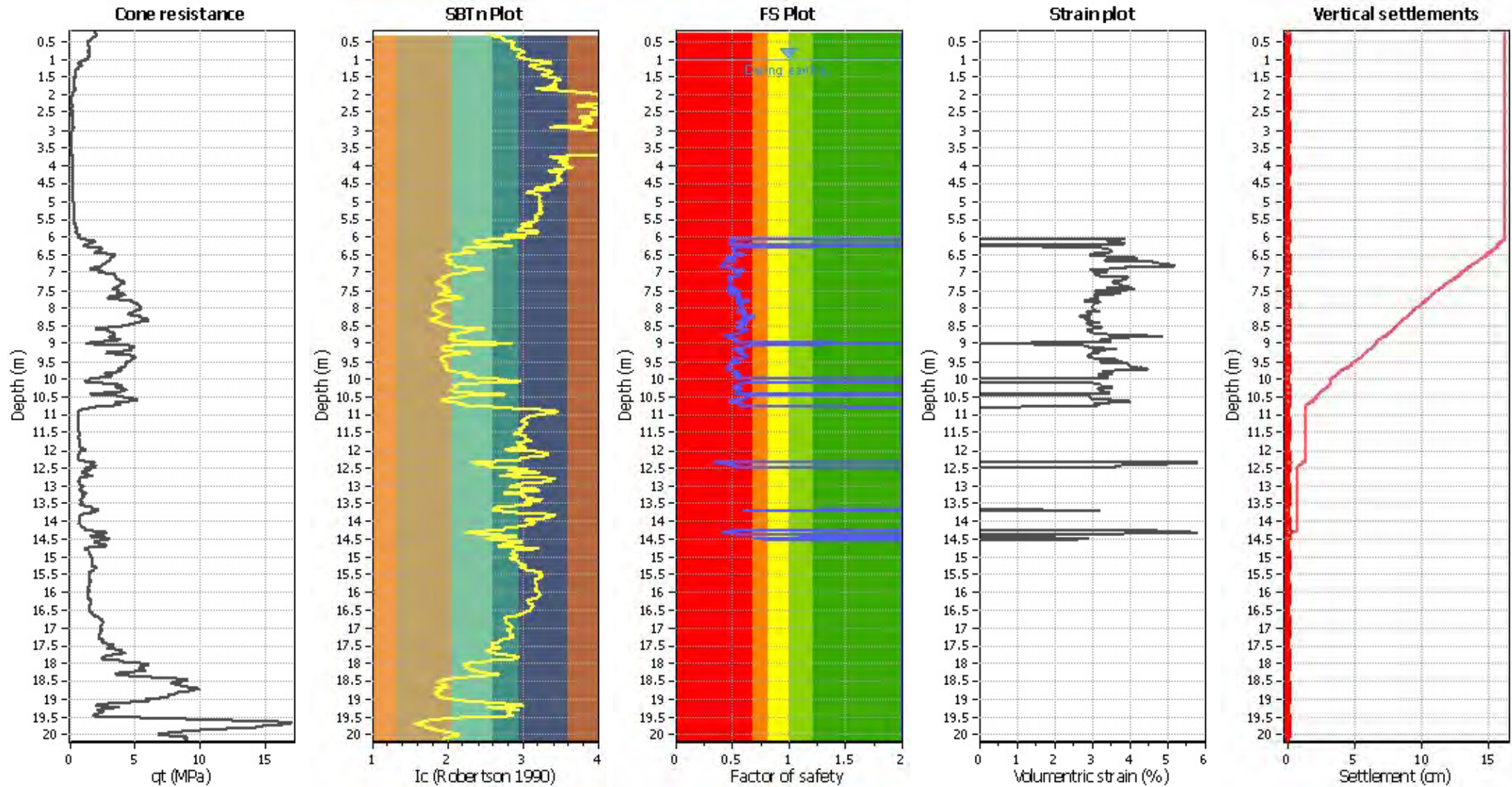
**Overall liquefaction potential: 12.39**

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<sub>L</sub>: 1 - FS  
 w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
 d<sub>z</sub>: Layer thickness (m)  
 LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- q<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	147.21	2.00	0.00	1.00	0.00	1.01	147.22	2.00	0.00	1.00	0.00
1.02	146.37	2.00	0.00	1.00	0.00	1.03	145.23	2.00	0.00	1.00	0.00
1.04	143.87	2.00	0.00	1.00	0.00	1.05	142.62	2.00	0.00	1.00	0.00
1.06	141.03	2.00	0.00	1.00	0.00	1.07	139.53	2.00	0.00	1.00	0.00
1.08	137.53	2.00	0.00	1.00	0.00	1.09	134.76	2.00	0.00	1.00	0.00
1.10	131.88	2.00	0.00	1.00	0.00	1.11	128.82	2.00	0.00	1.00	0.00
1.12	126.58	2.00	0.00	1.00	0.00	1.13	124.95	2.00	0.00	1.00	0.00
1.14	123.04	2.00	0.00	1.00	0.00	1.15	120.19	2.00	0.00	1.00	0.00
1.16	116.32	2.00	0.00	1.00	0.00	1.17	113.28	2.00	0.00	1.00	0.00
1.18	109.68	2.00	0.00	1.00	0.00	1.19	104.70	2.00	0.00	1.00	0.00
1.20	99.38	2.00	0.00	1.00	0.00	1.21	94.47	2.00	0.00	1.00	0.00
1.22	91.43	2.00	0.00	1.00	0.00	1.23	88.95	2.00	0.00	1.00	0.00
1.24	85.90	2.00	0.00	1.00	0.00	1.25	82.97	2.00	0.00	1.00	0.00
1.26	80.23	2.00	0.00	1.00	0.00	1.27	78.51	2.00	0.00	1.00	0.00
1.28	77.06	2.00	0.00	1.00	0.00	1.29	75.86	2.00	0.00	1.00	0.00
1.30	75.05	2.00	0.00	1.00	0.00	1.31	74.69	2.00	0.00	1.00	0.00
1.32	74.46	2.00	0.00	1.00	0.00	1.33	74.29	2.00	0.00	1.00	0.00
1.34	73.88	2.00	0.00	1.00	0.00	1.35	73.51	2.00	0.00	1.00	0.00
1.36	72.97	2.00	0.00	1.00	0.00	1.37	72.16	2.00	0.00	1.00	0.00
1.38	70.96	2.00	0.00	1.00	0.00	1.39	69.74	2.00	0.00	1.00	0.00
1.40	68.69	2.00	0.00	1.00	0.00	1.41	67.95	2.00	0.00	1.00	0.00
1.42	67.19	2.00	0.00	1.00	0.00	1.43	66.67	2.00	0.00	1.00	0.00
1.44	66.06	2.00	0.00	1.00	0.00	1.45	65.63	2.00	0.00	1.00	0.00
1.46	65.24	2.00	0.00	1.00	0.00	1.47	64.77	2.00	0.00	1.00	0.00
1.48	64.35	2.00	0.00	1.00	0.00	1.49	63.83	2.00	0.00	1.00	0.00
1.50	63.52	2.00	0.00	1.00	0.00	1.51	63.31	2.00	0.00	1.00	0.00
1.52	63.22	2.00	0.00	1.00	0.00	1.53	63.24	2.00	0.00	1.00	0.00
1.54	63.10	2.00	0.00	1.00	0.00	1.55	62.83	2.00	0.00	1.00	0.00
1.56	62.43	2.00	0.00	1.00	0.00	1.57	61.90	2.00	0.00	1.00	0.00
1.58	61.42	2.00	0.00	1.00	0.00	1.59	60.79	2.00	0.00	1.00	0.00
1.60	60.29	2.00	0.00	1.00	0.00	1.61	59.67	2.00	0.00	1.00	0.00
1.62	58.84	2.00	0.00	1.00	0.00	1.63	58.11	2.00	0.00	1.00	0.00
1.64	57.28	2.00	0.00	1.00	0.00	1.65	56.57	2.00	0.00	1.00	0.00
1.66	55.76	2.00	0.00	1.00	0.00	1.67	54.89	2.00	0.00	1.00	0.00
1.68	54.22	2.00	0.00	1.00	0.00	1.69	53.69	2.00	0.00	1.00	0.00
1.70	53.46	2.00	0.00	1.00	0.00	1.71	53.36	2.00	0.00	1.00	0.00
1.72	51.60	2.00	0.00	1.00	0.00	1.73	50.83	2.00	0.00	1.00	0.00
1.74	50.02	2.00	0.00	1.00	0.00	1.75	51.12	2.00	0.00	1.00	0.00
1.76	51.08	2.00	0.00	1.00	0.00	1.77	51.35	2.00	0.00	1.00	0.00
1.78	51.68	2.00	0.00	1.00	0.00	1.79	52.14	2.00	0.00	1.00	0.00
1.80	52.00	2.00	0.00	1.00	0.00	1.81	51.79	2.00	0.00	1.00	0.00
1.82	51.26	2.00	0.00	1.00	0.00	1.83	51.51	2.00	0.00	1.00	0.00
1.84	52.41	2.00	0.00	1.00	0.00	1.85	53.04	2.00	0.00	1.00	0.00
1.86	53.76	2.00	0.00	1.00	0.00	1.87	53.77	2.00	0.00	1.00	0.00
1.88	53.88	2.00	0.00	1.00	0.00	1.89	54.04	2.00	0.00	1.00	0.00
1.90	54.09	2.00	0.00	1.00	0.00	1.91	53.98	2.00	0.00	1.00	0.00
1.92	53.17	2.00	0.00	1.00	0.00	1.93	51.92	2.00	0.00	1.00	0.00
1.94	50.37	2.00	0.00	1.00	0.00	1.95	48.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	47.65	2.00	0.00	1.00	0.00	1.97	46.69	2.00	0.00	1.00	0.00
1.98	45.31	2.00	0.00	1.00	0.00	1.99	44.11	2.00	0.00	1.00	0.00
2.00	42.08	2.00	0.00	1.00	0.00	2.01	40.77	2.00	0.00	1.00	0.00
2.02	39.54	2.00	0.00	1.00	0.00	2.03	38.46	2.00	0.00	1.00	0.00
2.04	36.83	2.00	0.00	1.00	0.00	2.05	32.52	2.00	0.00	1.00	0.00
2.06	27.93	2.00	0.00	1.00	0.00	2.07	24.84	2.00	0.00	1.00	0.00
2.08	21.74	2.00	0.00	1.00	0.00	2.09	20.15	2.00	0.00	1.00	0.00
2.10	18.58	2.00	0.00	1.00	0.00	2.11	18.52	2.00	0.00	1.00	0.00
2.12	16.94	2.00	0.00	1.00	0.00	2.13	15.36	2.00	0.00	1.00	0.00
2.14	13.78	2.00	0.00	1.00	0.00	2.15	13.72	2.00	0.00	1.00	0.00
2.16	13.67	2.00	0.00	1.00	0.00	2.17	13.61	2.00	0.00	1.00	0.00
2.18	13.55	2.00	0.00	1.00	0.00	2.19	14.99	2.00	0.00	1.00	0.00
2.20	16.45	2.00	0.00	1.00	0.00	2.21	19.46	2.00	0.00	1.00	0.00
2.22	22.53	2.00	0.00	1.00	0.00	2.23	25.21	2.00	0.00	1.00	0.00
2.24	26.38	2.00	0.00	1.00	0.00	2.25	27.31	2.00	0.00	1.00	0.00
2.26	28.07	2.00	0.00	1.00	0.00	2.27	28.78	2.00	0.00	1.00	0.00
2.28	29.15	2.00	0.00	1.00	0.00	2.29	29.54	2.00	0.00	1.00	0.00
2.30	29.87	2.00	0.00	1.00	0.00	2.31	30.62	2.00	0.00	1.00	0.00
2.32	31.22	2.00	0.00	1.00	0.00	2.33	31.69	2.00	0.00	1.00	0.00
2.34	31.32	2.00	0.00	1.00	0.00	2.35	31.09	2.00	0.00	1.00	0.00
2.36	26.97	2.00	0.00	1.00	0.00	2.37	25.40	2.00	0.00	1.00	0.00
2.38	23.85	2.00	0.00	1.00	0.00	2.39	23.81	2.00	0.00	1.00	0.00
2.40	23.79	2.00	0.00	1.00	0.00	2.41	23.76	2.00	0.00	1.00	0.00
2.42	25.24	2.00	0.00	1.00	0.00	2.43	29.79	2.00	0.00	1.00	0.00
2.44	34.37	2.00	0.00	1.00	0.00	2.45	35.45	2.00	0.00	1.00	0.00
2.46	35.66	2.00	0.00	1.00	0.00	2.47	35.72	2.00	0.00	1.00	0.00
2.48	35.12	2.00	0.00	1.00	0.00	2.49	34.02	2.00	0.00	1.00	0.00
2.50	32.46	2.00	0.00	1.00	0.00	2.51	31.68	2.00	0.00	1.00	0.00
2.52	30.48	2.00	0.00	1.00	0.00	2.53	29.84	2.00	0.00	1.00	0.00
2.54	28.49	2.00	0.00	1.00	0.00	2.55	29.69	2.00	0.00	1.00	0.00
2.56	30.82	2.00	0.00	1.00	0.00	2.57	31.79	2.00	0.00	1.00	0.00
2.58	32.67	2.00	0.00	1.00	0.00	2.59	33.03	2.00	0.00	1.00	0.00
2.60	33.91	2.00	0.00	1.00	0.00	2.61	34.39	2.00	0.00	1.00	0.00
2.62	35.09	2.00	0.00	1.00	0.00	2.63	35.31	2.00	0.00	1.00	0.00
2.64	35.08	2.00	0.00	1.00	0.00	2.65	34.90	2.00	0.00	1.00	0.00
2.66	34.46	2.00	0.00	1.00	0.00	2.67	34.14	2.00	0.00	1.00	0.00
2.68	33.47	2.00	0.00	1.00	0.00	2.69	32.72	2.00	0.00	1.00	0.00
2.70	32.30	2.00	0.00	1.00	0.00	2.71	31.84	2.00	0.00	1.00	0.00
2.72	31.85	2.00	0.00	1.00	0.00	2.73	31.39	2.00	0.00	1.00	0.00
2.74	30.92	2.00	0.00	1.00	0.00	2.75	30.99	2.00	0.00	1.00	0.00
2.76	30.97	2.00	0.00	1.00	0.00	2.77	30.80	2.00	0.00	1.00	0.00
2.78	30.36	2.00	0.00	1.00	0.00	2.79	30.25	2.00	0.00	1.00	0.00
2.80	31.68	2.00	0.00	1.00	0.00	2.81	32.63	2.00	0.00	1.00	0.00
2.82	33.46	2.00	0.00	1.00	0.00	2.83	32.62	2.00	0.00	1.00	0.00
2.84	32.55	2.00	0.00	1.00	0.00	2.85	32.69	2.00	0.00	1.00	0.00
2.86	33.10	2.00	0.00	1.00	0.00	2.87	34.42	2.00	0.00	1.00	0.00
2.88	36.29	2.00	0.00	1.00	0.00	2.89	37.96	2.00	0.00	1.00	0.00
2.90	39.07	2.00	0.00	1.00	0.00	2.91	39.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	40.57	2.00	0.00	1.00	0.00	2.93	41.32	2.00	0.00	1.00	0.00
2.94	41.69	2.00	0.00	1.00	0.00	2.95	41.51	2.00	0.00	1.00	0.00
2.96	41.25	2.00	0.00	1.00	0.00	2.97	40.86	2.00	0.00	1.00	0.00
2.98	40.47	2.00	0.00	1.00	0.00	2.99	39.99	2.00	0.00	1.00	0.00
3.00	38.48	2.00	0.00	1.00	0.00	3.01	36.04	2.00	0.00	1.00	0.00
3.02	30.94	2.00	0.00	1.00	0.00	3.03	27.86	2.00	0.00	1.00	0.00
3.04	26.30	2.00	0.00	1.00	0.00	3.05	23.23	2.00	0.00	1.00	0.00
3.06	21.65	2.00	0.00	1.00	0.00	3.07	18.56	2.00	0.00	1.00	0.00
3.08	16.98	2.00	0.00	1.00	0.00	3.09	15.39	2.00	0.00	1.00	0.00
3.10	15.29	2.00	0.00	1.00	0.00	3.11	16.71	2.00	0.00	1.00	0.00
3.12	18.12	2.00	0.00	1.00	0.00	3.13	19.54	2.00	0.00	1.00	0.00
3.14	20.98	2.00	0.00	1.00	0.00	3.15	22.44	2.00	0.00	1.00	0.00
3.16	23.95	2.00	0.00	1.00	0.00	3.17	22.47	2.00	0.00	1.00	0.00
3.18	20.99	2.00	0.00	1.00	0.00	3.19	21.01	2.00	0.00	1.00	0.00
3.20	24.09	2.00	0.00	1.00	0.00	3.21	25.94	2.00	0.00	1.00	0.00
3.22	26.06	2.00	0.00	1.00	0.00	3.23	25.72	2.00	0.00	1.00	0.00
3.24	24.55	2.00	0.00	1.00	0.00	3.25	24.48	2.00	0.00	1.00	0.00
3.26	24.39	2.00	0.00	1.00	0.00	3.27	22.79	2.00	0.00	1.00	0.00
3.28	21.20	2.00	0.00	1.00	0.00	3.29	19.62	2.00	0.00	1.00	0.00
3.30	18.03	2.00	0.00	1.00	0.00	3.31	16.44	2.00	0.00	1.00	0.00
3.32	14.85	2.00	0.00	1.00	0.00	3.33	14.77	2.00	0.00	1.00	0.00
3.34	13.19	2.00	0.00	1.00	0.00	3.35	11.60	2.00	0.00	1.00	0.00
3.36	10.01	2.00	0.00	1.00	0.00	3.37	9.93	2.00	0.00	1.00	0.00
3.38	9.85	2.00	0.00	1.00	0.00	3.39	11.28	2.00	0.00	1.00	0.00
3.40	12.71	2.00	0.00	1.00	0.00	3.41	14.15	2.00	0.00	1.00	0.00
3.42	14.08	2.00	0.00	1.00	0.00	3.43	15.53	2.00	0.00	1.00	0.00
3.44	16.98	2.00	0.00	1.00	0.00	3.45	18.42	2.00	0.00	1.00	0.00
3.46	18.35	2.00	0.00	1.00	0.00	3.47	18.29	2.00	0.00	1.00	0.00
3.48	18.23	2.00	0.00	1.00	0.00	3.49	19.62	2.00	0.00	1.00	0.00
3.50	19.54	2.00	0.00	1.00	0.00	3.51	19.51	2.00	0.00	1.00	0.00
3.52	17.93	2.00	0.00	1.00	0.00	3.53	17.85	2.00	0.00	1.00	0.00
3.54	16.25	2.00	0.00	1.00	0.00	3.55	14.66	2.00	0.00	1.00	0.00
3.56	13.07	2.00	0.00	1.00	0.00	3.57	13.00	2.00	0.00	1.00	0.00
3.58	12.94	2.00	0.00	1.00	0.00	3.59	12.89	2.00	0.00	1.00	0.00
3.60	12.86	2.00	0.00	1.00	0.00	3.61	14.33	2.00	0.00	1.00	0.00
3.62	15.81	2.00	0.00	1.00	0.00	3.63	17.25	2.00	0.00	1.00	0.00
3.64	17.19	2.00	0.00	1.00	0.00	3.65	17.11	2.00	0.00	1.00	0.00
3.66	17.04	2.00	0.00	1.00	0.00	3.67	16.97	2.00	0.00	1.00	0.00
3.68	16.92	2.00	0.00	1.00	0.00	3.69	16.88	2.00	0.00	1.00	0.00
3.70	16.83	2.00	0.00	1.00	0.00	3.71	19.42	2.00	0.00	1.00	0.00
3.72	18.86	2.00	0.00	1.00	0.00	3.73	15.83	2.00	0.00	1.00	0.00
3.74	15.74	2.00	0.00	1.00	0.00	3.75	15.64	2.00	0.00	1.00	0.00
3.76	15.96	2.00	0.00	1.00	0.00	3.77	16.57	2.00	0.00	1.00	0.00
3.78	17.40	2.00	0.00	1.00	0.00	3.79	17.82	2.00	0.00	1.00	0.00
3.80	18.13	2.00	0.00	1.00	0.00	3.81	18.17	2.00	0.00	1.00	0.00
3.82	18.23	2.00	0.00	1.00	0.00	3.83	18.11	2.00	0.00	1.00	0.00
3.84	18.05	2.00	0.00	1.00	0.00	3.85	18.26	2.00	0.00	1.00	0.00
3.86	18.43	2.00	0.00	1.00	0.00	3.87	18.45	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	18.23	2.00	0.00	1.00	0.00	3.89	17.99	2.00	0.00	1.00	0.00
3.90	17.82	2.00	0.00	1.00	0.00	3.91	17.82	2.00	0.00	1.00	0.00
3.92	18.24	2.00	0.00	1.00	0.00	3.93	18.37	2.00	0.00	1.00	0.00
3.94	18.33	2.00	0.00	1.00	0.00	3.95	17.95	2.00	0.00	1.00	0.00
3.96	17.97	2.00	0.00	1.00	0.00	3.97	17.76	2.00	0.00	1.00	0.00
3.98	17.70	2.00	0.00	1.00	0.00	3.99	17.57	2.00	0.00	1.00	0.00
4.00	17.71	2.00	0.00	1.00	0.00	4.01	17.77	2.00	0.00	1.00	0.00
4.02	17.40	2.00	0.00	1.00	0.00	4.03	16.94	2.00	0.00	1.00	0.00
4.04	16.42	2.00	0.00	1.00	0.00	4.05	15.92	2.00	0.00	1.00	0.00
4.06	15.67	2.00	0.00	1.00	0.00	4.07	15.51	2.00	0.00	1.00	0.00
4.08	15.86	2.00	0.00	1.00	0.00	4.09	16.00	2.00	0.00	1.00	0.00
4.10	16.23	2.00	0.00	1.00	0.00	4.11	16.53	2.00	0.00	1.00	0.00
4.12	17.12	2.00	0.00	1.00	0.00	4.13	17.61	2.00	0.00	1.00	0.00
4.14	18.07	2.00	0.00	1.00	0.00	4.15	18.43	2.00	0.00	1.00	0.00
4.16	18.86	2.00	0.00	1.00	0.00	4.17	18.82	2.00	0.00	1.00	0.00
4.18	18.67	2.00	0.00	1.00	0.00	4.19	18.25	2.00	0.00	1.00	0.00
4.20	18.11	2.00	0.00	1.00	0.00	4.21	17.96	2.00	0.00	1.00	0.00
4.22	17.95	2.00	0.00	1.00	0.00	4.23	17.94	2.00	0.00	1.00	0.00
4.24	17.94	2.00	0.00	1.00	0.00	4.25	17.93	2.00	0.00	1.00	0.00
4.26	17.93	2.00	0.00	1.00	0.00	4.27	17.92	2.00	0.00	1.00	0.00
4.28	17.69	2.00	0.00	1.00	0.00	4.29	17.44	2.00	0.00	1.00	0.00
4.30	17.19	2.00	0.00	1.00	0.00	4.31	17.18	2.00	0.00	1.00	0.00
4.32	17.07	2.00	0.00	1.00	0.00	4.33	17.07	2.00	0.00	1.00	0.00
4.34	17.33	2.00	0.00	1.00	0.00	4.35	17.57	2.00	0.00	1.00	0.00
4.36	17.94	2.00	0.00	1.00	0.00	4.37	18.01	2.00	0.00	1.00	0.00
4.38	18.33	2.00	0.00	1.00	0.00	4.39	18.46	2.00	0.00	1.00	0.00
4.40	18.90	2.00	0.00	1.00	0.00	4.41	19.25	2.00	0.00	1.00	0.00
4.42	19.67	2.00	0.00	1.00	0.00	4.43	19.92	2.00	0.00	1.00	0.00
4.44	20.06	2.00	0.00	1.00	0.00	4.45	19.94	2.00	0.00	1.00	0.00
4.46	19.76	2.00	0.00	1.00	0.00	4.47	19.63	2.00	0.00	1.00	0.00
4.48	19.99	2.00	0.00	1.00	0.00	4.49	20.34	2.00	0.00	1.00	0.00
4.50	20.73	2.00	0.00	1.00	0.00	4.51	20.79	2.00	0.00	1.00	0.00
4.52	20.84	2.00	0.00	1.00	0.00	4.53	21.19	2.00	0.00	1.00	0.00
4.54	21.60	2.00	0.00	1.00	0.00	4.55	21.94	2.00	0.00	1.00	0.00
4.56	22.45	2.00	0.00	1.00	0.00	4.57	22.56	2.00	0.00	1.00	0.00
4.58	22.63	2.00	0.00	1.00	0.00	4.59	22.44	2.00	0.00	1.00	0.00
4.60	22.52	2.00	0.00	1.00	0.00	4.61	22.88	2.00	0.00	1.00	0.00
4.62	22.68	2.00	0.00	1.00	0.00	4.63	22.18	2.00	0.00	1.00	0.00
4.64	21.92	2.00	0.00	1.00	0.00	4.65	21.94	2.00	0.00	1.00	0.00
4.66	22.13	2.00	0.00	1.00	0.00	4.67	22.06	2.00	0.00	1.00	0.00
4.68	22.05	2.00	0.00	1.00	0.00	4.69	22.17	2.00	0.00	1.00	0.00
4.70	21.30	2.00	0.00	1.00	0.00	4.71	20.14	2.00	0.00	1.00	0.00
4.72	18.82	2.00	0.00	1.00	0.00	4.73	18.90	2.00	0.00	1.00	0.00
4.74	19.08	2.00	0.00	1.00	0.00	4.75	19.38	2.00	0.00	1.00	0.00
4.76	19.33	2.00	0.00	1.00	0.00	4.77	20.11	2.00	0.00	1.00	0.00
4.78	21.10	2.00	0.00	1.00	0.00	4.79	22.20	2.00	0.00	1.00	0.00
4.80	22.55	2.00	0.00	1.00	0.00	4.81	23.20	2.00	0.00	1.00	0.00
4.82	23.58	2.00	0.00	1.00	0.00	4.83	23.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	23.42	2.00	0.00	1.00	0.00	4.85	23.86	2.00	0.00	1.00	0.00
4.86	23.86	2.00	0.00	1.00	0.00	4.87	23.98	2.00	0.00	1.00	0.00
4.88	23.35	2.00	0.00	1.00	0.00	4.89	23.41	2.00	0.00	1.00	0.00
4.90	23.41	2.00	0.00	1.00	0.00	4.91	23.27	2.00	0.00	1.00	0.00
4.92	23.06	2.00	0.00	1.00	0.00	4.93	23.06	2.00	0.00	1.00	0.00
4.94	23.26	2.00	0.00	1.00	0.00	4.95	23.59	2.00	0.00	1.00	0.00
4.96	23.83	2.00	0.00	1.00	0.00	4.97	24.25	2.00	0.00	1.00	0.00
4.98	24.76	2.00	0.00	1.00	0.00	4.99	25.03	2.00	0.00	1.00	0.00
5.00	25.13	2.00	0.00	1.00	0.00	5.01	25.12	2.00	0.00	1.00	0.00
5.02	25.50	2.00	0.00	1.00	0.00	5.03	25.97	2.00	0.00	1.00	0.00
5.04	26.53	2.00	0.00	1.00	0.00	5.05	26.97	2.00	0.00	1.00	0.00
5.06	27.37	2.00	0.00	1.00	0.00	5.07	27.43	2.00	0.00	1.00	0.00
5.08	27.43	2.00	0.00	1.00	0.00	5.09	27.41	2.00	0.00	1.00	0.00
5.10	27.50	2.00	0.00	1.00	0.00	5.11	27.50	2.00	0.00	1.00	0.00
5.12	27.64	2.00	0.00	1.00	0.00	5.13	28.06	2.00	0.00	1.00	0.00
5.14	28.61	2.00	0.00	1.00	0.00	5.15	28.96	2.00	0.00	1.00	0.00
5.16	29.09	2.00	0.00	1.00	0.00	5.17	29.14	2.00	0.00	1.00	0.00
5.18	29.19	2.00	0.00	1.00	0.00	5.19	29.27	2.00	0.00	1.00	0.00
5.20	29.44	2.00	0.00	1.00	0.00	5.21	29.71	2.00	0.00	1.00	0.00
5.22	30.01	2.00	0.00	1.00	0.00	5.23	30.31	2.00	0.00	1.00	0.00
5.24	30.59	2.00	0.00	1.00	0.00	5.25	30.76	2.00	0.00	1.00	0.00
5.26	30.83	2.00	0.00	1.00	0.00	5.27	30.80	2.00	0.00	1.00	0.00
5.28	30.84	2.00	0.00	1.00	0.00	5.29	30.80	2.00	0.00	1.00	0.00
5.30	30.75	2.00	0.00	1.00	0.00	5.31	30.62	2.00	0.00	1.00	0.00
5.32	30.32	2.00	0.00	1.00	0.00	5.33	30.17	2.00	0.00	1.00	0.00
5.34	29.66	2.00	0.00	1.00	0.00	5.35	29.35	2.00	0.00	1.00	0.00
5.36	28.85	2.00	0.00	1.00	0.00	5.37	28.38	2.00	0.00	1.00	0.00
5.38	27.81	2.00	0.00	1.00	0.00	5.39	27.26	2.00	0.00	1.00	0.00
5.40	27.18	2.00	0.00	1.00	0.00	5.41	27.31	2.00	0.00	1.00	0.00
5.42	27.39	2.00	0.00	1.00	0.00	5.43	27.34	2.00	0.00	1.00	0.00
5.44	27.14	2.00	0.00	1.00	0.00	5.45	27.06	2.00	0.00	1.00	0.00
5.46	27.03	2.00	0.00	1.00	0.00	5.47	26.94	2.00	0.00	1.00	0.00
5.48	26.81	2.00	0.00	1.00	0.00	5.49	26.87	2.00	0.00	1.00	0.00
5.50	27.24	2.00	0.00	1.00	0.00	5.51	27.83	2.00	0.00	1.00	0.00
5.52	28.36	2.00	0.00	1.00	0.00	5.53	28.65	2.00	0.00	1.00	0.00
5.54	28.56	2.00	0.00	1.00	0.00	5.55	28.30	2.00	0.00	1.00	0.00
5.56	28.03	2.00	0.00	1.00	0.00	5.57	27.75	2.00	0.00	1.00	0.00
5.58	27.54	2.00	0.00	1.00	0.00	5.59	27.38	2.00	0.00	1.00	0.00
5.60	27.81	2.00	0.00	1.00	0.00	5.61	28.44	2.00	0.00	1.00	0.00
5.62	29.12	2.00	0.00	1.00	0.00	5.63	29.71	2.00	0.00	1.00	0.00
5.64	30.10	2.00	0.00	1.00	0.00	5.65	31.84	2.00	0.00	1.00	0.00
5.66	33.74	2.00	0.00	1.00	0.00	5.67	35.72	2.00	0.00	1.00	0.00
5.68	36.70	2.00	0.00	1.00	0.00	5.69	37.18	2.00	0.00	1.00	0.00
5.70	37.39	2.00	0.00	1.00	0.00	5.71	36.91	2.00	0.00	1.00	0.00
5.72	37.01	2.00	0.00	1.00	0.00	5.73	37.98	2.00	0.00	1.00	0.00
5.74	39.52	2.00	0.00	1.00	0.00	5.75	40.50	2.00	0.00	1.00	0.00
5.76	41.57	2.00	0.00	1.00	0.00	5.77	43.21	2.00	0.00	1.00	0.00
5.78	44.67	2.00	0.00	1.00	0.00	5.79	45.62	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	46.46	2.00	0.00	1.00	0.00	5.81	47.51	2.00	0.00	1.00	0.00
5.82	49.08	2.00	0.00	1.00	0.00	5.83	51.33	2.00	0.00	1.00	0.00
5.84	52.59	2.00	0.00	1.00	0.00	5.85	52.34	2.00	0.00	1.00	0.00
5.86	50.84	2.00	0.00	1.00	0.00	5.87	49.33	2.00	0.00	1.00	0.00
5.88	48.42	2.00	0.00	1.00	0.00	5.89	47.89	2.00	0.00	1.00	0.00
5.90	47.76	2.00	0.00	1.00	0.00	5.91	47.73	2.00	0.00	1.00	0.00
5.92	48.39	2.00	0.00	1.00	0.00	5.93	49.20	2.00	0.00	1.00	0.00
5.94	50.60	2.00	0.00	1.00	0.00	5.95	53.36	2.00	0.00	1.00	0.00
5.96	56.18	2.00	0.00	1.00	0.00	5.97	57.89	2.00	0.00	1.00	0.00
5.98	57.29	2.00	0.00	1.00	0.00	5.99	55.94	2.00	0.00	1.00	0.00
6.00	54.09	2.00	0.00	1.00	0.00	6.01	52.50	2.00	0.00	1.00	0.00
6.02	50.91	2.00	0.00	1.00	0.00	6.03	50.29	2.00	0.00	1.00	0.00
6.04	49.93	2.00	0.00	1.00	0.00	6.05	51.21	2.00	0.00	1.00	0.00
6.06	53.85	0.47	3.88	1.00	0.04	6.07	56.44	0.48	3.74	1.00	0.04
6.08	58.59	0.49	3.62	1.00	0.04	6.09	60.30	0.50	3.54	1.00	0.04
6.10	62.55	0.51	3.43	1.00	0.03	6.11	63.73	0.52	3.38	1.00	0.03
6.12	63.40	0.52	3.40	1.00	0.03	6.13	62.25	0.51	3.45	1.00	0.03
6.14	61.33	0.50	3.49	1.00	0.03	6.15	60.28	0.50	3.54	1.00	0.04
6.16	57.84	0.49	3.66	1.00	0.04	6.17	55.21	0.48	3.80	1.00	0.04
6.18	53.90	0.47	3.88	1.00	0.04	6.19	55.50	0.48	3.79	1.00	0.04
6.20	57.96	0.49	3.65	1.00	0.04	6.21	61.35	0.50	3.49	1.00	0.03
6.22	66.49	2.00	0.00	1.00	0.00	6.23	71.96	2.00	0.00	1.00	0.00
6.24	76.67	2.00	0.00	1.00	0.00	6.25	77.57	2.00	0.00	1.00	0.00
6.26	75.14	2.00	0.00	1.00	0.00	6.27	70.85	0.56	3.10	1.00	0.03
6.28	67.61	0.54	3.22	1.00	0.03	6.29	66.48	0.53	3.27	1.00	0.03
6.30	66.15	0.53	3.28	1.00	0.03	6.31	66.10	0.53	3.28	1.00	0.03
6.32	65.91	0.53	3.29	1.00	0.03	6.33	64.76	0.52	3.34	1.00	0.03
6.34	63.25	0.51	3.40	1.00	0.03	6.35	62.36	0.51	3.44	1.00	0.03
6.36	62.07	0.51	3.45	1.00	0.03	6.37	61.88	0.51	3.46	1.00	0.03
6.38	61.26	0.50	3.49	1.00	0.03	6.39	60.73	0.50	3.52	1.00	0.04
6.40	60.42	0.50	3.53	1.00	0.04	6.41	60.77	0.50	3.52	1.00	0.04
6.42	61.68	0.51	3.47	1.00	0.03	6.43	63.01	0.51	3.41	1.00	0.03
6.44	64.18	0.52	3.36	1.00	0.03	6.45	65.82	0.53	3.29	1.00	0.03
6.46	68.56	0.55	3.18	1.00	0.03	6.47	71.47	0.57	3.08	1.00	0.03
6.48	74.22	0.59	2.98	1.00	0.03	6.49	75.44	0.59	2.94	1.00	0.03
6.50	76.41	0.60	2.91	1.00	0.03	6.51	76.53	0.60	2.91	1.00	0.03
6.52	75.47	0.60	2.94	1.00	0.03	6.53	73.45	0.58	3.01	1.00	0.03
6.54	70.92	0.56	3.10	1.00	0.03	6.55	68.03	0.54	3.20	1.00	0.03
6.56	52.28	0.46	3.98	1.00	0.04	6.57	51.04	0.46	4.06	1.00	0.04
6.58	50.05	0.45	4.12	1.00	0.04	6.59	49.30	0.45	4.17	1.00	0.04
6.60	48.80	0.45	4.21	1.00	0.04	6.61	48.69	0.45	4.22	1.00	0.04
6.62	48.81	0.45	4.21	1.00	0.04	6.63	49.06	0.45	4.19	1.00	0.04
6.64	64.56	0.52	3.35	1.00	0.03	6.65	65.14	0.52	3.32	1.00	0.03
6.66	65.45	0.53	3.31	1.00	0.03	6.67	65.51	0.53	3.31	1.00	0.03
6.68	65.35	0.53	3.31	1.00	0.03	6.69	65.18	0.52	3.32	1.00	0.03
6.70	62.28	0.51	3.45	1.00	0.03	6.71	44.23	0.43	4.56	1.00	0.05
6.72	42.60	0.42	4.70	1.00	0.05	6.73	42.37	0.42	4.72	1.00	0.05
6.74	42.25	0.42	4.74	1.00	0.05	6.75	42.01	0.42	4.76	1.00	0.05



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	41.50	0.42	4.81	1.00	0.05	6.77	40.76	0.42	4.88	1.00	0.05
6.78	39.81	0.41	4.97	1.00	0.05	6.79	38.84	0.41	5.07	1.00	0.05
6.80	37.79	0.40	5.19	1.00	0.05	6.81	54.59	0.47	3.84	1.00	0.04
6.82	54.02	0.47	3.87	1.00	0.04	6.83	53.24	0.47	3.92	1.00	0.04
6.84	53.04	0.46	3.93	1.00	0.04	6.85	53.87	0.47	3.88	1.00	0.04
6.86	55.90	0.48	3.76	1.00	0.04	6.87	59.14	0.49	3.59	1.00	0.04
6.88	63.46	0.51	3.39	1.00	0.03	6.89	68.95	0.55	3.17	1.00	0.03
6.90	73.27	0.58	3.02	1.00	0.03	6.91	76.05	0.60	2.92	1.00	0.03
6.92	75.26	0.59	2.95	1.00	0.03	6.93	73.63	0.58	3.00	1.00	0.03
6.94	71.46	0.56	3.08	1.00	0.03	6.95	70.12	0.55	3.13	1.00	0.03
6.96	68.36	0.54	3.19	1.00	0.03	6.97	65.94	0.53	3.29	1.00	0.03
6.98	64.07	0.52	3.37	1.00	0.03	6.99	63.98	0.52	3.37	1.00	0.03
7.00	67.62	0.54	3.22	1.00	0.03	7.01	70.60	0.56	3.11	1.00	0.03
7.02	72.32	0.57	3.05	1.00	0.03	7.03	71.58	0.56	3.07	1.00	0.03
7.04	71.10	0.56	3.09	1.00	0.03	7.05	71.35	0.56	3.08	1.00	0.03
7.06	71.23	0.56	3.09	1.00	0.03	7.07	70.84	0.56	3.10	1.00	0.03
7.08	69.42	0.55	3.15	1.00	0.03	7.09	68.14	0.54	3.20	1.00	0.03
7.10	52.68	0.46	3.95	1.00	0.04	7.11	52.66	0.46	3.95	1.00	0.04
7.12	52.72	0.46	3.95	1.00	0.04	7.13	52.91	0.46	3.94	1.00	0.04
7.14	53.01	0.46	3.93	1.00	0.04	7.15	53.05	0.46	3.93	1.00	0.04
7.16	53.04	0.46	3.93	1.00	0.04	7.17	53.15	0.46	3.92	1.00	0.04
7.18	53.37	0.47	3.91	1.00	0.04	7.19	53.76	0.47	3.89	1.00	0.04
7.20	54.38	0.47	3.85	1.00	0.04	7.21	55.69	0.48	3.78	1.00	0.04
7.22	57.20	0.48	3.69	1.00	0.04	7.23	58.62	0.49	3.62	1.00	0.04
7.24	59.48	0.49	3.58	1.00	0.04	7.25	60.21	0.50	3.54	1.00	0.04
7.26	60.68	0.50	3.52	1.00	0.04	7.27	60.93	0.50	3.51	1.00	0.04
7.28	60.67	0.50	3.52	1.00	0.04	7.29	60.18	0.50	3.54	1.00	0.04
7.30	59.47	0.49	3.58	1.00	0.04	7.31	58.75	0.49	3.61	1.00	0.04
7.32	57.88	0.48	3.66	1.00	0.04	7.33	57.13	0.48	3.70	1.00	0.04
7.34	56.58	0.48	3.73	1.00	0.04	7.35	56.32	0.48	3.74	1.00	0.04
7.36	56.16	0.48	3.75	1.00	0.04	7.37	55.70	0.47	3.78	1.00	0.04
7.38	55.10	0.47	3.81	1.00	0.04	7.39	54.21	0.47	3.86	1.00	0.04
7.40	53.40	0.47	3.91	1.00	0.04	7.41	52.20	0.46	3.98	1.00	0.04
7.42	51.08	0.46	4.05	1.00	0.04	7.43	64.78	0.52	3.34	1.00	0.03
7.44	64.39	0.52	3.35	1.00	0.03	7.45	64.25	0.52	3.36	1.00	0.03
7.46	49.73	0.45	4.14	1.00	0.04	7.47	50.45	0.45	4.10	1.00	0.04
7.48	51.44	0.46	4.03	1.00	0.04	7.49	52.93	0.46	3.94	1.00	0.04
7.50	54.28	0.47	3.86	1.00	0.04	7.51	69.39	0.55	3.15	1.00	0.03
7.52	70.39	0.56	3.12	1.00	0.03	7.53	70.96	0.56	3.10	1.00	0.03
7.54	71.05	0.56	3.09	1.00	0.03	7.55	70.35	0.56	3.12	1.00	0.03
7.56	69.48	0.55	3.15	1.00	0.03	7.57	68.40	0.54	3.19	1.00	0.03
7.58	67.95	0.54	3.21	1.00	0.03	7.59	55.83	0.48	3.77	1.00	0.04
7.60	57.79	0.48	3.66	1.00	0.04	7.61	59.38	0.49	3.58	1.00	0.04
7.62	60.63	0.50	3.52	1.00	0.04	7.63	60.82	0.50	3.51	1.00	0.04
7.64	59.74	0.49	3.57	1.00	0.04	7.65	72.29	0.57	3.05	1.00	0.03
7.66	71.55	0.56	3.07	1.00	0.03	7.67	70.18	0.55	3.12	1.00	0.03
7.68	69.16	0.55	3.16	1.00	0.03	7.69	68.90	0.55	3.17	1.00	0.03
7.70	68.94	0.55	3.17	1.00	0.03	7.71	68.19	0.54	3.20	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
7.72	69.23	0.55	3.16	1.00	0.03	7.73	71.57	0.56	3.07	1.00	0.03
7.74	75.53	0.59	2.94	1.00	0.03	7.75	77.91	0.61	2.87	1.00	0.03
7.76	79.45	0.63	2.82	1.00	0.03	7.77	80.57	0.64	2.79	1.00	0.03
7.78	80.63	0.64	2.79	1.00	0.03	7.79	80.56	0.64	2.79	1.00	0.03
7.80	79.54	0.63	2.82	1.00	0.03	7.81	78.85	0.62	2.84	1.00	0.03
7.82	67.43	0.54	3.23	1.00	0.03	7.83	68.19	0.54	3.20	1.00	0.03
7.84	69.04	0.55	3.17	1.00	0.03	7.85	69.98	0.55	3.13	1.00	0.03
7.86	70.67	0.56	3.11	1.00	0.03	7.87	71.41	0.56	3.08	1.00	0.03
7.88	71.99	0.57	3.06	1.00	0.03	7.89	72.41	0.57	3.04	1.00	0.03
7.90	72.65	0.57	3.04	1.00	0.03	7.91	72.94	0.58	3.03	1.00	0.03
7.92	73.29	0.58	3.01	1.00	0.03	7.93	73.67	0.58	3.00	1.00	0.03
7.94	74.01	0.58	2.99	1.00	0.03	7.95	74.19	0.59	2.98	1.00	0.03
7.96	74.15	0.58	2.99	1.00	0.03	7.97	74.06	0.58	2.99	1.00	0.03
7.98	74.07	0.58	2.99	1.00	0.03	7.99	74.22	0.59	2.98	1.00	0.03
8.00	74.24	0.59	2.98	1.00	0.03	8.01	74.07	0.58	2.99	1.00	0.03
8.02	73.44	0.58	3.01	1.00	0.03	8.03	72.67	0.57	3.04	1.00	0.03
8.04	71.87	0.57	3.06	1.00	0.03	8.05	71.07	0.56	3.09	1.00	0.03
8.06	70.18	0.56	3.12	1.00	0.03	8.07	69.24	0.55	3.16	1.00	0.03
8.08	68.19	0.54	3.20	1.00	0.03	8.09	67.42	0.54	3.23	1.00	0.03
8.10	78.44	0.62	2.85	1.00	0.03	8.11	77.98	0.62	2.87	1.00	0.03
8.12	77.30	0.61	2.89	1.00	0.03	8.13	76.50	0.60	2.91	1.00	0.03
8.14	75.53	0.60	2.94	1.00	0.03	8.15	74.64	0.59	2.97	1.00	0.03
8.16	74.10	0.59	2.99	1.00	0.03	8.17	74.37	0.59	2.98	1.00	0.03
8.18	75.44	0.60	2.94	1.00	0.03	8.19	77.50	0.61	2.88	1.00	0.03
8.20	80.46	0.64	2.79	1.00	0.03	8.21	83.12	0.66	2.72	1.00	0.03
8.22	85.34	0.69	2.66	1.00	0.03	8.23	86.01	0.69	2.64	1.00	0.03
8.24	86.31	0.70	2.64	1.00	0.03	8.25	86.12	0.69	2.64	1.00	0.03
8.26	85.93	0.69	2.65	1.00	0.03	8.27	85.60	0.69	2.65	1.00	0.03
8.28	75.31	0.60	2.95	1.00	0.03	8.29	76.47	0.61	2.91	1.00	0.03
8.30	77.59	0.61	2.88	1.00	0.03	8.31	78.48	0.62	2.85	1.00	0.03
8.32	79.20	0.63	2.83	1.00	0.03	8.33	79.57	0.63	2.82	1.00	0.03
8.34	79.38	0.63	2.82	1.00	0.03	8.35	78.94	0.63	2.84	1.00	0.03
8.36	77.78	0.62	2.87	1.00	0.03	8.37	76.26	0.60	2.92	1.00	0.03
8.38	74.46	0.59	2.98	1.00	0.03	8.39	72.59	0.58	3.04	1.00	0.03
8.40	70.78	0.56	3.10	1.00	0.03	8.41	69.07	0.55	3.17	1.00	0.03
8.42	67.70	0.54	3.22	1.00	0.03	8.43	78.60	0.62	2.85	1.00	0.03
8.44	78.11	0.62	2.86	1.00	0.03	8.45	77.74	0.62	2.87	1.00	0.03
8.46	77.33	0.61	2.89	1.00	0.03	8.47	76.63	0.61	2.91	1.00	0.03
8.48	75.79	0.60	2.93	1.00	0.03	8.49	74.81	0.59	2.96	1.00	0.03
8.50	73.53	0.58	3.01	1.00	0.03	8.51	72.13	0.57	3.05	1.00	0.03
8.52	70.63	0.56	3.11	1.00	0.03	8.53	68.69	0.55	3.18	1.00	0.03
8.54	67.33	0.54	3.23	1.00	0.03	8.55	66.18	0.53	3.28	1.00	0.03
8.56	66.48	0.54	3.27	1.00	0.03	8.57	67.91	0.54	3.21	1.00	0.03
8.58	70.64	0.56	3.11	1.00	0.03	8.59	73.21	0.58	3.02	1.00	0.03
8.60	75.11	0.60	2.95	1.00	0.03	8.61	77.10	0.61	2.89	1.00	0.03
8.62	78.82	0.63	2.84	1.00	0.03	8.63	78.49	0.62	2.85	1.00	0.03
8.64	76.24	0.61	2.92	1.00	0.03	8.65	73.83	0.59	3.00	1.00	0.03
8.66	73.30	0.58	3.01	1.00	0.03	8.67	73.29	0.58	3.01	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	72.82	0.58	3.03	1.00	0.03	8.69	72.15	0.57	3.05	1.00	0.03
8.70	71.48	0.57	3.08	1.00	0.03	8.71	68.29	0.55	3.19	1.00	0.03
8.72	65.33	0.53	3.31	1.00	0.03	8.73	62.56	0.51	3.43	1.00	0.03
8.74	62.48	0.51	3.44	1.00	0.03	8.75	61.67	0.51	3.47	1.00	0.03
8.76	60.01	0.50	3.55	1.00	0.04	8.77	42.72	0.43	4.69	1.00	0.05
8.78	41.89	0.42	4.77	1.00	0.05	8.79	40.96	0.42	4.86	1.00	0.05
8.80	40.53	0.42	4.90	1.00	0.05	8.81	57.51	0.49	3.68	1.00	0.04
8.82	57.88	0.49	3.66	1.00	0.04	8.83	58.59	0.49	3.62	1.00	0.04
8.84	60.09	0.50	3.55	1.00	0.04	8.85	62.65	0.52	3.43	1.00	0.03
8.86	65.09	0.53	3.32	1.00	0.03	8.87	67.07	0.54	3.24	1.00	0.03
8.88	67.54	0.54	3.22	1.00	0.03	8.89	67.23	0.54	3.24	1.00	0.03
8.90	66.43	0.54	3.27	1.00	0.03	8.91	64.67	0.53	3.34	1.00	0.03
8.92	62.80	0.52	3.42	1.00	0.03	8.93	61.02	0.51	3.50	1.00	0.04
8.94	60.97	0.51	3.51	1.00	0.04	8.95	62.72	0.52	3.43	1.00	0.03
8.96	65.96	0.53	3.29	1.00	0.03	8.97	70.98	2.00	0.00	1.00	0.00
8.98	77.49	2.00	0.00	1.00	0.00	8.99	86.13	2.00	0.00	1.00	0.00
9.00	91.31	2.00	0.00	1.00	0.00	9.01	89.72	0.74	2.55	1.00	0.03
9.02	85.43	0.69	2.66	1.00	0.03	9.03	81.40	0.65	2.77	1.00	0.03
9.04	81.14	0.65	2.77	1.00	0.03	9.05	81.56	0.65	2.76	1.00	0.03
9.06	81.65	0.66	2.76	1.00	0.03	9.07	80.46	0.64	2.79	1.00	0.03
9.08	78.43	0.63	2.85	1.00	0.03	9.09	76.23	0.61	2.92	1.00	0.03
9.10	74.90	0.60	2.96	1.00	0.03	9.11	73.90	0.59	2.99	1.00	0.03
9.12	72.87	0.58	3.03	1.00	0.03	9.13	71.78	0.57	3.07	1.00	0.03
9.14	58.37	0.50	3.63	1.00	0.04	9.15	58.33	0.49	3.64	1.00	0.04
9.16	58.65	0.50	3.62	1.00	0.04	9.17	59.07	0.50	3.60	1.00	0.04
9.18	72.53	0.58	3.04	1.00	0.03	9.19	73.62	0.59	3.00	1.00	0.03
9.20	74.20	0.59	2.98	1.00	0.03	9.21	73.79	0.59	3.00	1.00	0.03
9.22	71.88	0.58	3.06	1.00	0.03	9.23	70.06	0.56	3.13	1.00	0.03
9.24	68.85	0.56	3.17	1.00	0.03	9.25	68.18	0.55	3.20	1.00	0.03
9.26	68.81	0.56	3.17	1.00	0.03	9.27	69.99	0.56	3.13	1.00	0.03
9.28	71.88	0.58	3.06	1.00	0.03	9.29	73.52	0.59	3.01	1.00	0.03
9.30	75.70	0.61	2.94	1.00	0.03	9.31	76.97	0.62	2.90	1.00	0.03
9.32	77.37	0.62	2.88	1.00	0.03	9.33	77.41	0.62	2.88	1.00	0.03
9.34	77.92	0.63	2.87	1.00	0.03	9.35	78.48	0.63	2.85	1.00	0.03
9.36	78.13	0.63	2.86	1.00	0.03	9.37	77.59	0.62	2.88	1.00	0.03
9.38	76.99	0.62	2.90	1.00	0.03	9.39	76.38	0.61	2.91	1.00	0.03
9.40	75.50	0.61	2.94	1.00	0.03	9.41	74.78	0.60	2.97	1.00	0.03
9.42	61.62	0.51	3.48	1.00	0.03	9.43	60.64	0.51	3.52	1.00	0.04
9.44	59.69	0.50	3.57	1.00	0.04	9.45	58.97	0.50	3.60	1.00	0.04
9.46	58.75	0.50	3.61	1.00	0.04	9.47	58.60	0.50	3.62	1.00	0.04
9.48	58.16	0.50	3.64	1.00	0.04	9.49	57.56	0.49	3.68	1.00	0.04
9.50	56.74	0.49	3.72	1.00	0.04	9.51	55.85	0.49	3.77	1.00	0.04
9.52	54.99	0.48	3.82	1.00	0.04	9.53	68.15	0.55	3.20	1.00	0.03
9.54	67.78	0.55	3.21	1.00	0.03	9.55	67.39	0.55	3.23	1.00	0.03
9.56	67.06	0.55	3.24	1.00	0.03	9.57	66.80	0.55	3.25	1.00	0.03
9.58	52.57	0.47	3.96	1.00	0.04	9.59	52.61	0.47	3.96	1.00	0.04
9.60	52.66	0.47	3.95	1.00	0.04	9.61	52.56	0.47	3.96	1.00	0.04
9.62	52.33	0.47	3.97	1.00	0.04	9.63	51.63	0.47	4.02	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
9.64	50.71	0.47	4.08	1.00	0.04	9.65	49.62	0.46	4.15	1.00	0.04
9.66	48.38	0.46	4.24	1.00	0.04	9.67	47.19	0.45	4.33	1.00	0.04
9.68	46.30	0.45	4.39	1.00	0.04	9.69	46.02	0.45	4.42	1.00	0.04
9.70	45.43	0.45	4.46	1.00	0.04	9.71	45.60	0.45	4.45	1.00	0.04
9.72	46.10	0.45	4.41	1.00	0.04	9.73	47.40	0.45	4.31	1.00	0.04
9.74	47.95	0.46	4.27	1.00	0.04	9.75	63.72	0.53	3.38	1.00	0.03
9.76	65.21	0.54	3.32	1.00	0.03	9.77	66.05	0.54	3.28	1.00	0.03
9.78	65.84	0.54	3.29	1.00	0.03	9.79	65.54	0.54	3.30	1.00	0.03
9.80	65.24	0.54	3.32	1.00	0.03	9.81	63.72	0.53	3.38	1.00	0.03
9.82	61.97	0.52	3.46	1.00	0.03	9.83	60.62	0.51	3.52	1.00	0.04
9.84	61.66	0.52	3.47	1.00	0.03	9.85	64.84	0.54	3.33	1.00	0.03
9.86	68.69	0.56	3.18	1.00	0.03	9.87	69.88	0.57	3.13	1.00	0.03
9.88	68.87	0.56	3.17	1.00	0.03	9.89	67.08	0.55	3.24	1.00	0.03
9.90	67.10	0.55	3.24	1.00	0.03	9.91	67.39	0.55	3.23	1.00	0.03
9.92	66.97	0.55	3.25	1.00	0.03	9.93	65.69	0.54	3.30	1.00	0.03
9.94	63.70	0.53	3.38	1.00	0.03	9.95	62.79	0.52	3.42	1.00	0.03
9.96	63.27	0.53	3.40	1.00	0.03	9.97	65.41	0.54	3.31	1.00	0.03
9.98	66.89	2.00	0.00	1.00	0.00	9.99	67.92	2.00	0.00	1.00	0.00
10.00	68.61	2.00	0.00	1.00	0.00	10.01	71.30	2.00	0.00	1.00	0.00
10.02	74.99	2.00	0.00	1.00	0.00	10.03	78.00	2.00	0.00	1.00	0.00
10.04	79.56	2.00	0.00	1.00	0.00	10.05	80.00	2.00	0.00	1.00	0.00
10.06	80.54	2.00	0.00	1.00	0.00	10.07	81.30	2.00	0.00	1.00	0.00
10.08	82.27	2.00	0.00	1.00	0.00	10.09	81.90	2.00	0.00	1.00	0.00
10.10	79.33	2.00	0.00	1.00	0.00	10.11	74.32	0.60	2.98	1.00	0.03
10.12	70.20	0.57	3.12	1.00	0.03	10.13	67.83	0.56	3.21	1.00	0.03
10.14	67.52	0.56	3.22	1.00	0.03	10.15	67.52	0.56	3.22	1.00	0.03
10.16	67.23	0.55	3.24	1.00	0.03	10.17	66.60	0.55	3.26	1.00	0.03
10.18	66.35	0.55	3.27	1.00	0.03	10.19	66.39	0.55	3.27	1.00	0.03
10.20	65.49	0.54	3.31	1.00	0.03	10.21	63.55	0.53	3.39	1.00	0.03
10.22	61.36	0.52	3.49	1.00	0.03	10.23	60.54	0.52	3.53	1.00	0.04
10.24	60.81	0.52	3.51	1.00	0.04	10.25	63.28	0.53	3.40	1.00	0.03
10.26	66.26	0.55	3.27	1.00	0.03	10.27	68.98	0.57	3.17	1.00	0.03
10.28	69.70	0.57	3.14	1.00	0.03	10.29	69.23	0.57	3.16	1.00	0.03
10.30	68.77	0.57	3.18	1.00	0.03	10.31	68.46	0.56	3.19	1.00	0.03
10.32	68.36	0.56	3.19	1.00	0.03	10.33	67.68	0.56	3.22	1.00	0.03
10.34	66.51	0.55	3.26	1.00	0.03	10.35	65.12	0.54	3.32	1.00	0.03
10.36	63.61	0.53	3.39	1.00	0.03	10.37	62.41	0.53	3.44	1.00	0.03
10.38	61.60	0.52	3.48	1.00	0.03	10.39	61.97	0.52	3.46	1.00	0.03
10.40	64.08	0.54	3.37	1.00	0.03	10.41	67.71	0.56	3.22	1.00	0.03
10.42	72.03	2.00	0.00	1.00	0.00	10.43	78.18	2.00	0.00	1.00	0.00
10.44	83.49	2.00	0.00	1.00	0.00	10.45	87.76	2.00	0.00	1.00	0.00
10.46	86.67	0.72	2.63	1.00	0.03	10.47	82.78	0.68	2.73	1.00	0.03
10.48	77.60	0.64	2.88	1.00	0.03	10.49	75.61	0.62	2.94	1.00	0.03
10.50	75.43	0.62	2.94	1.00	0.03	10.51	75.86	0.62	2.93	1.00	0.03
10.52	75.76	0.62	2.93	1.00	0.03	10.53	75.08	0.62	2.96	1.00	0.03
10.54	74.19	0.61	2.98	1.00	0.03	10.55	73.46	0.60	3.01	1.00	0.03
10.56	72.82	0.60	3.03	1.00	0.03	10.57	59.53	0.51	3.58	1.00	0.04
10.58	58.68	0.51	3.62	1.00	0.04	10.59	57.15	0.50	3.70	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	55.10	0.49	3.81	1.00	0.04	10.61	51.49	0.48	4.03	1.00	0.04
10.62	63.45	0.54	3.39	1.00	0.03	10.63	62.09	0.53	3.45	1.00	0.03
10.64	62.00	0.53	3.46	1.00	0.03	10.65	61.93	0.53	3.46	1.00	0.03
10.66	64.08	0.54	3.37	1.00	0.03	10.67	67.57	0.56	3.22	1.00	0.03
10.68	70.90	0.59	3.10	1.00	0.03	10.69	72.22	0.60	3.05	1.00	0.03
10.70	70.58	0.58	3.11	1.00	0.03	10.71	69.18	0.57	3.16	1.00	0.03
10.72	68.49	0.57	3.19	1.00	0.03	10.73	69.66	0.58	3.14	1.00	0.03
10.74	71.10	0.59	3.09	1.00	0.03	10.75	71.16	0.59	3.09	1.00	0.03
10.76	71.77	0.59	3.07	1.00	0.03	10.77	73.02	2.00	0.00	1.00	0.00
10.78	74.74	2.00	0.00	1.00	0.00	10.79	77.48	2.00	0.00	1.00	0.00
10.80	80.83	2.00	0.00	1.00	0.00	10.81	83.50	2.00	0.00	1.00	0.00
10.82	84.72	2.00	0.00	1.00	0.00	10.83	85.28	2.00	0.00	1.00	0.00
10.84	86.40	2.00	0.00	1.00	0.00	10.85	86.85	2.00	0.00	1.00	0.00
10.86	85.68	2.00	0.00	1.00	0.00	10.87	84.23	2.00	0.00	1.00	0.00
10.88	81.40	2.00	0.00	1.00	0.00	10.89	79.16	2.00	0.00	1.00	0.00
10.90	76.35	2.00	0.00	1.00	0.00	10.91	74.53	2.00	0.00	1.00	0.00
10.92	72.76	2.00	0.00	1.00	0.00	10.93	70.82	2.00	0.00	1.00	0.00
10.94	68.89	2.00	0.00	1.00	0.00	10.95	66.10	2.00	0.00	1.00	0.00
10.96	63.33	2.00	0.00	1.00	0.00	10.97	60.78	2.00	0.00	1.00	0.00
10.98	57.95	2.00	0.00	1.00	0.00	10.99	54.64	2.00	0.00	1.00	0.00
11.00	51.12	2.00	0.00	1.00	0.00	11.01	49.24	2.00	0.00	1.00	0.00
11.02	48.00	2.00	0.00	1.00	0.00	11.03	46.32	2.00	0.00	1.00	0.00
11.04	44.33	2.00	0.00	1.00	0.00	11.05	41.82	2.00	0.00	1.00	0.00
11.06	40.15	2.00	0.00	1.00	0.00	11.07	39.15	2.00	0.00	1.00	0.00
11.08	38.87	2.00	0.00	1.00	0.00	11.09	38.66	2.00	0.00	1.00	0.00
11.10	38.40	2.00	0.00	1.00	0.00	11.11	38.14	2.00	0.00	1.00	0.00
11.12	37.92	2.00	0.00	1.00	0.00	11.13	37.83	2.00	0.00	1.00	0.00
11.14	37.79	2.00	0.00	1.00	0.00	11.15	37.74	2.00	0.00	1.00	0.00
11.16	37.63	2.00	0.00	1.00	0.00	11.17	37.83	2.00	0.00	1.00	0.00
11.18	38.15	2.00	0.00	1.00	0.00	11.19	38.62	2.00	0.00	1.00	0.00
11.20	38.70	2.00	0.00	1.00	0.00	11.21	38.69	2.00	0.00	1.00	0.00
11.22	38.71	2.00	0.00	1.00	0.00	11.23	38.86	2.00	0.00	1.00	0.00
11.24	38.88	2.00	0.00	1.00	0.00	11.25	38.61	2.00	0.00	1.00	0.00
11.26	38.11	2.00	0.00	1.00	0.00	11.27	37.57	2.00	0.00	1.00	0.00
11.28	36.93	2.00	0.00	1.00	0.00	11.29	36.47	2.00	0.00	1.00	0.00
11.30	36.14	2.00	0.00	1.00	0.00	11.31	36.02	2.00	0.00	1.00	0.00
11.32	35.93	2.00	0.00	1.00	0.00	11.33	35.86	2.00	0.00	1.00	0.00
11.34	35.80	2.00	0.00	1.00	0.00	11.35	35.65	2.00	0.00	1.00	0.00
11.36	35.46	2.00	0.00	1.00	0.00	11.37	35.32	2.00	0.00	1.00	0.00
11.38	35.33	2.00	0.00	1.00	0.00	11.39	35.54	2.00	0.00	1.00	0.00
11.40	35.80	2.00	0.00	1.00	0.00	11.41	36.12	2.00	0.00	1.00	0.00
11.42	36.34	2.00	0.00	1.00	0.00	11.43	36.73	2.00	0.00	1.00	0.00
11.44	37.39	2.00	0.00	1.00	0.00	11.45	37.89	2.00	0.00	1.00	0.00
11.46	38.16	2.00	0.00	1.00	0.00	11.47	38.18	2.00	0.00	1.00	0.00
11.48	38.45	2.00	0.00	1.00	0.00	11.49	38.95	2.00	0.00	1.00	0.00
11.50	39.51	2.00	0.00	1.00	0.00	11.51	39.91	2.00	0.00	1.00	0.00
11.52	40.43	2.00	0.00	1.00	0.00	11.53	40.95	2.00	0.00	1.00	0.00
11.54	41.44	2.00	0.00	1.00	0.00	11.55	41.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
11.56	41.64	2.00	0.00	1.00	0.00	11.57	41.67	2.00	0.00	1.00	0.00
11.58	41.49	2.00	0.00	1.00	0.00	11.59	41.20	2.00	0.00	1.00	0.00
11.60	40.76	2.00	0.00	1.00	0.00	11.61	40.37	2.00	0.00	1.00	0.00
11.62	40.62	2.00	0.00	1.00	0.00	11.63	41.25	2.00	0.00	1.00	0.00
11.64	42.05	2.00	0.00	1.00	0.00	11.65	42.72	2.00	0.00	1.00	0.00
11.66	43.20	2.00	0.00	1.00	0.00	11.67	43.49	2.00	0.00	1.00	0.00
11.68	43.60	2.00	0.00	1.00	0.00	11.69	45.30	2.00	0.00	1.00	0.00
11.70	47.07	2.00	0.00	1.00	0.00	11.71	48.52	2.00	0.00	1.00	0.00
11.72	47.93	2.00	0.00	1.00	0.00	11.73	47.57	2.00	0.00	1.00	0.00
11.74	47.19	2.00	0.00	1.00	0.00	11.75	45.87	2.00	0.00	1.00	0.00
11.76	43.74	2.00	0.00	1.00	0.00	11.77	41.76	2.00	0.00	1.00	0.00
11.78	41.74	2.00	0.00	1.00	0.00	11.79	42.51	2.00	0.00	1.00	0.00
11.80	43.79	2.00	0.00	1.00	0.00	11.81	44.92	2.00	0.00	1.00	0.00
11.82	45.30	2.00	0.00	1.00	0.00	11.83	45.22	2.00	0.00	1.00	0.00
11.84	45.01	2.00	0.00	1.00	0.00	11.85	44.81	2.00	0.00	1.00	0.00
11.86	44.98	2.00	0.00	1.00	0.00	11.87	45.33	2.00	0.00	1.00	0.00
11.88	46.08	2.00	0.00	1.00	0.00	11.89	46.22	2.00	0.00	1.00	0.00
11.90	47.23	2.00	0.00	1.00	0.00	11.91	49.21	2.00	0.00	1.00	0.00
11.92	51.15	2.00	0.00	1.00	0.00	11.93	52.20	2.00	0.00	1.00	0.00
11.94	51.62	2.00	0.00	1.00	0.00	11.95	50.87	2.00	0.00	1.00	0.00
11.96	50.97	2.00	0.00	1.00	0.00	11.97	52.21	2.00	0.00	1.00	0.00
11.98	53.00	2.00	0.00	1.00	0.00	11.99	52.75	2.00	0.00	1.00	0.00
12.00	52.98	2.00	0.00	1.00	0.00	12.01	54.74	2.00	0.00	1.00	0.00
12.02	58.95	2.00	0.00	1.00	0.00	12.03	61.65	2.00	0.00	1.00	0.00
12.04	63.68	2.00	0.00	1.00	0.00	12.05	63.38	2.00	0.00	1.00	0.00
12.06	62.74	2.00	0.00	1.00	0.00	12.07	61.36	2.00	0.00	1.00	0.00
12.08	60.80	2.00	0.00	1.00	0.00	12.09	60.60	2.00	0.00	1.00	0.00
12.10	59.78	2.00	0.00	1.00	0.00	12.11	58.82	2.00	0.00	1.00	0.00
12.12	57.61	2.00	0.00	1.00	0.00	12.13	57.09	2.00	0.00	1.00	0.00
12.14	56.07	2.00	0.00	1.00	0.00	12.15	53.21	2.00	0.00	1.00	0.00
12.16	49.43	2.00	0.00	1.00	0.00	12.17	45.01	2.00	0.00	1.00	0.00
12.18	42.39	2.00	0.00	1.00	0.00	12.19	40.22	2.00	0.00	1.00	0.00
12.20	38.81	2.00	0.00	1.00	0.00	12.21	38.23	2.00	0.00	1.00	0.00
12.22	38.15	2.00	0.00	1.00	0.00	12.23	37.51	2.00	0.00	1.00	0.00
12.24	36.35	2.00	0.00	1.00	0.00	12.25	35.38	2.00	0.00	1.00	0.00
12.26	35.44	2.00	0.00	1.00	0.00	12.27	36.06	2.00	0.00	1.00	0.00
12.28	36.65	2.00	0.00	1.00	0.00	12.29	36.97	2.00	0.00	1.00	0.00
12.30	36.87	2.00	0.00	1.00	0.00	12.31	36.83	2.00	0.00	1.00	0.00
12.32	36.68	2.00	0.00	1.00	0.00	12.33	36.83	0.43	5.30	1.00	0.05
12.34	37.69	0.43	5.20	1.00	0.05	12.35	19.03	0.35	5.80	1.00	0.06
12.36	18.84	0.35	5.80	1.00	0.06	12.37	40.32	0.44	4.92	1.00	0.05
12.38	42.31	0.45	4.73	1.00	0.05	12.39	45.07	0.47	4.49	1.00	0.04
12.40	51.15	0.49	4.05	1.00	0.04	12.41	56.20	0.51	3.75	1.00	0.04
12.42	59.63	0.53	3.57	1.00	0.04	12.43	59.16	0.53	3.59	1.00	0.04
12.44	58.27	0.52	3.64	1.00	0.04	12.45	59.30	0.53	3.59	1.00	0.04
12.46	61.27	2.00	0.00	1.00	0.00	12.47	63.81	2.00	0.00	1.00	0.00
12.48	67.30	2.00	0.00	1.00	0.00	12.49	71.51	2.00	0.00	1.00	0.00
12.50	76.40	2.00	0.00	1.00	0.00	12.51	78.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	79.17	2.00	0.00	1.00	0.00	12.53	76.69	2.00	0.00	1.00	0.00
12.54	73.31	2.00	0.00	1.00	0.00	12.55	71.21	2.00	0.00	1.00	0.00
12.56	70.26	2.00	0.00	1.00	0.00	12.57	70.41	2.00	0.00	1.00	0.00
12.58	70.36	2.00	0.00	1.00	0.00	12.59	70.28	2.00	0.00	1.00	0.00
12.60	70.46	2.00	0.00	1.00	0.00	12.61	70.37	2.00	0.00	1.00	0.00
12.62	69.67	2.00	0.00	1.00	0.00	12.63	68.29	2.00	0.00	1.00	0.00
12.64	66.42	2.00	0.00	1.00	0.00	12.65	63.95	2.00	0.00	1.00	0.00
12.66	62.75	2.00	0.00	1.00	0.00	12.67	62.15	2.00	0.00	1.00	0.00
12.68	62.96	2.00	0.00	1.00	0.00	12.69	64.97	2.00	0.00	1.00	0.00
12.70	65.86	2.00	0.00	1.00	0.00	12.71	66.60	2.00	0.00	1.00	0.00
12.72	66.43	2.00	0.00	1.00	0.00	12.73	66.83	2.00	0.00	1.00	0.00
12.74	66.84	2.00	0.00	1.00	0.00	12.75	66.98	2.00	0.00	1.00	0.00
12.76	66.84	2.00	0.00	1.00	0.00	12.77	66.53	2.00	0.00	1.00	0.00
12.78	66.38	2.00	0.00	1.00	0.00	12.79	65.73	2.00	0.00	1.00	0.00
12.80	65.23	2.00	0.00	1.00	0.00	12.81	64.18	2.00	0.00	1.00	0.00
12.82	62.71	2.00	0.00	1.00	0.00	12.83	61.18	2.00	0.00	1.00	0.00
12.84	59.76	2.00	0.00	1.00	0.00	12.85	58.64	2.00	0.00	1.00	0.00
12.86	57.59	2.00	0.00	1.00	0.00	12.87	56.30	2.00	0.00	1.00	0.00
12.88	53.91	2.00	0.00	1.00	0.00	12.89	51.84	2.00	0.00	1.00	0.00
12.90	47.64	2.00	0.00	1.00	0.00	12.91	44.04	2.00	0.00	1.00	0.00
12.92	39.06	2.00	0.00	1.00	0.00	12.93	37.73	2.00	0.00	1.00	0.00
12.94	37.42	2.00	0.00	1.00	0.00	12.95	37.85	2.00	0.00	1.00	0.00
12.96	38.62	2.00	0.00	1.00	0.00	12.97	39.47	2.00	0.00	1.00	0.00
12.98	40.35	2.00	0.00	1.00	0.00	12.99	40.63	2.00	0.00	1.00	0.00
13.00	40.85	2.00	0.00	1.00	0.00	13.01	40.84	2.00	0.00	1.00	0.00
13.02	40.84	2.00	0.00	1.00	0.00	13.03	42.04	2.00	0.00	1.00	0.00
13.04	43.62	2.00	0.00	1.00	0.00	13.05	45.24	2.00	0.00	1.00	0.00
13.06	47.55	2.00	0.00	1.00	0.00	13.07	49.88	2.00	0.00	1.00	0.00
13.08	51.90	2.00	0.00	1.00	0.00	13.09	52.49	2.00	0.00	1.00	0.00
13.10	53.12	2.00	0.00	1.00	0.00	13.11	53.41	2.00	0.00	1.00	0.00
13.12	53.17	2.00	0.00	1.00	0.00	13.13	52.42	2.00	0.00	1.00	0.00
13.14	51.89	2.00	0.00	1.00	0.00	13.15	51.87	2.00	0.00	1.00	0.00
13.16	51.72	2.00	0.00	1.00	0.00	13.17	51.39	2.00	0.00	1.00	0.00
13.18	50.75	2.00	0.00	1.00	0.00	13.19	49.57	2.00	0.00	1.00	0.00
13.20	47.38	2.00	0.00	1.00	0.00	13.21	45.69	2.00	0.00	1.00	0.00
13.22	44.39	2.00	0.00	1.00	0.00	13.23	45.84	2.00	0.00	1.00	0.00
13.24	46.97	2.00	0.00	1.00	0.00	13.25	49.77	2.00	0.00	1.00	0.00
13.26	51.15	2.00	0.00	1.00	0.00	13.27	52.56	2.00	0.00	1.00	0.00
13.28	52.53	2.00	0.00	1.00	0.00	13.29	52.91	2.00	0.00	1.00	0.00
13.30	54.13	2.00	0.00	1.00	0.00	13.31	55.82	2.00	0.00	1.00	0.00
13.32	56.89	2.00	0.00	1.00	0.00	13.33	57.39	2.00	0.00	1.00	0.00
13.34	57.61	2.00	0.00	1.00	0.00	13.35	58.54	2.00	0.00	1.00	0.00
13.36	59.53	2.00	0.00	1.00	0.00	13.37	60.12	2.00	0.00	1.00	0.00
13.38	59.11	2.00	0.00	1.00	0.00	13.39	57.06	2.00	0.00	1.00	0.00
13.40	54.80	2.00	0.00	1.00	0.00	13.41	53.63	2.00	0.00	1.00	0.00
13.42	53.59	2.00	0.00	1.00	0.00	13.43	53.63	2.00	0.00	1.00	0.00
13.44	53.17	2.00	0.00	1.00	0.00	13.45	51.69	2.00	0.00	1.00	0.00
13.46	50.84	2.00	0.00	1.00	0.00	13.47	50.39	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	50.22	2.00	0.00	1.00	0.00	13.49	49.67	2.00	0.00	1.00	0.00
13.50	49.05	2.00	0.00	1.00	0.00	13.51	48.46	2.00	0.00	1.00	0.00
13.52	47.93	2.00	0.00	1.00	0.00	13.53	47.84	2.00	0.00	1.00	0.00
13.54	48.03	2.00	0.00	1.00	0.00	13.55	48.71	2.00	0.00	1.00	0.00
13.56	49.61	2.00	0.00	1.00	0.00	13.57	50.52	2.00	0.00	1.00	0.00
13.58	51.95	2.00	0.00	1.00	0.00	13.59	52.55	2.00	0.00	1.00	0.00
13.60	52.91	2.00	0.00	1.00	0.00	13.61	52.97	2.00	0.00	1.00	0.00
13.62	53.86	2.00	0.00	1.00	0.00	13.63	56.87	2.00	0.00	1.00	0.00
13.64	61.21	2.00	0.00	1.00	0.00	13.65	65.08	2.00	0.00	1.00	0.00
13.66	67.12	2.00	0.00	1.00	0.00	13.67	67.37	2.00	0.00	1.00	0.00
13.68	67.43	0.60	3.23	1.00	0.03	13.69	69.73	2.00	0.00	1.00	0.00
13.70	72.14	2.00	0.00	1.00	0.00	13.71	74.62	2.00	0.00	1.00	0.00
13.72	75.97	2.00	0.00	1.00	0.00	13.73	79.54	2.00	0.00	1.00	0.00
13.74	81.80	2.00	0.00	1.00	0.00	13.75	81.82	2.00	0.00	1.00	0.00
13.76	78.84	2.00	0.00	1.00	0.00	13.77	77.12	2.00	0.00	1.00	0.00
13.78	76.98	2.00	0.00	1.00	0.00	13.79	77.59	2.00	0.00	1.00	0.00
13.80	77.00	2.00	0.00	1.00	0.00	13.81	76.26	2.00	0.00	1.00	0.00
13.82	75.27	2.00	0.00	1.00	0.00	13.83	74.68	2.00	0.00	1.00	0.00
13.84	73.34	2.00	0.00	1.00	0.00	13.85	72.24	2.00	0.00	1.00	0.00
13.86	69.72	2.00	0.00	1.00	0.00	13.87	66.58	2.00	0.00	1.00	0.00
13.88	62.38	2.00	0.00	1.00	0.00	13.89	60.29	2.00	0.00	1.00	0.00
13.90	59.26	2.00	0.00	1.00	0.00	13.91	58.32	2.00	0.00	1.00	0.00
13.92	55.91	2.00	0.00	1.00	0.00	13.93	52.23	2.00	0.00	1.00	0.00
13.94	47.65	2.00	0.00	1.00	0.00	13.95	44.10	2.00	0.00	1.00	0.00
13.96	42.37	2.00	0.00	1.00	0.00	13.97	42.62	2.00	0.00	1.00	0.00
13.98	42.65	2.00	0.00	1.00	0.00	13.99	42.73	2.00	0.00	1.00	0.00
14.00	42.53	2.00	0.00	1.00	0.00	14.01	42.28	2.00	0.00	1.00	0.00
14.02	42.02	2.00	0.00	1.00	0.00	14.03	41.97	2.00	0.00	1.00	0.00
14.04	42.12	2.00	0.00	1.00	0.00	14.05	42.04	2.00	0.00	1.00	0.00
14.06	41.83	2.00	0.00	1.00	0.00	14.07	41.55	2.00	0.00	1.00	0.00
14.08	41.28	2.00	0.00	1.00	0.00	14.09	40.81	2.00	0.00	1.00	0.00
14.10	40.59	2.00	0.00	1.00	0.00	14.11	40.66	2.00	0.00	1.00	0.00
14.12	40.72	2.00	0.00	1.00	0.00	14.13	40.24	2.00	0.00	1.00	0.00
14.14	39.39	2.00	0.00	1.00	0.00	14.15	38.92	2.00	0.00	1.00	0.00
14.16	38.77	2.00	0.00	1.00	0.00	14.17	38.72	2.00	0.00	1.00	0.00
14.18	38.61	2.00	0.00	1.00	0.00	14.19	38.78	2.00	0.00	1.00	0.00
14.20	39.27	2.00	0.00	1.00	0.00	14.21	39.79	2.00	0.00	1.00	0.00
14.22	39.69	2.00	0.00	1.00	0.00	14.23	40.56	2.00	0.00	1.00	0.00
14.24	42.52	0.48	4.71	1.00	0.05	14.25	44.69	0.49	4.52	1.00	0.05
14.26	46.26	0.50	4.40	1.00	0.04	14.27	46.41	0.50	4.39	1.00	0.04
14.28	46.38	0.50	4.39	1.00	0.04	14.29	25.74	0.41	5.80	1.00	0.06
14.30	48.09	0.51	4.26	1.00	0.04	14.31	49.90	0.52	4.13	1.00	0.04
14.32	52.78	0.53	3.95	1.00	0.04	14.33	54.59	0.54	3.84	1.00	0.04
14.34	57.40	0.55	3.68	1.00	0.04	14.35	61.34	0.58	3.49	1.00	0.03
14.36	66.88	2.00	0.00	1.00	0.00	14.37	71.95	2.00	0.00	1.00	0.00
14.38	74.69	2.00	0.00	1.00	0.00	14.39	75.52	2.00	0.00	1.00	0.00
14.40	76.66	2.00	0.00	1.00	0.00	14.41	78.40	2.00	0.00	1.00	0.00
14.42	81.06	2.00	0.00	1.00	0.00	14.43	81.90	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
14.44	80.88	2.00	0.00	1.00	0.00	14.45	78.47	2.00	0.00	1.00	0.00
14.46	76.90	0.70	2.90	1.00	0.03	14.47	76.50	0.70	2.91	1.00	0.03
14.48	78.01	0.71	2.86	1.00	0.03	14.49	81.68	0.75	2.76	1.00	0.03
14.50	85.97	0.80	2.53	1.00	0.03	14.51	89.23	2.00	0.00	1.00	0.00
14.52	90.54	2.00	0.00	1.00	0.00	14.53	92.92	2.00	0.00	1.00	0.00
14.54	97.56	2.00	0.00	1.00	0.00	14.55	103.08	2.00	0.00	1.00	0.00
14.56	106.10	2.00	0.00	1.00	0.00	14.57	107.40	2.00	0.00	1.00	0.00
14.58	108.36	2.00	0.00	1.00	0.00	14.59	109.61	2.00	0.00	1.00	0.00
14.60	109.85	2.00	0.00	1.00	0.00	14.61	109.26	2.00	0.00	1.00	0.00
14.62	108.76	2.00	0.00	1.00	0.00	14.63	108.89	2.00	0.00	1.00	0.00
14.64	108.53	2.00	0.00	1.00	0.00	14.65	106.63	2.00	0.00	1.00	0.00
14.66	103.29	2.00	0.00	1.00	0.00	14.67	100.62	2.00	0.00	1.00	0.00
14.68	99.31	2.00	0.00	1.00	0.00	14.69	94.33	2.00	0.00	1.00	0.00
14.70	88.81	2.00	0.00	1.00	0.00	14.71	84.00	2.00	0.00	1.00	0.00
14.72	84.33	2.00	0.00	1.00	0.00	14.73	84.22	2.00	0.00	1.00	0.00
14.74	81.71	2.00	0.00	1.00	0.00	14.75	79.03	2.00	0.00	1.00	0.00
14.76	74.22	2.00	0.00	1.00	0.00	14.77	70.68	2.00	0.00	1.00	0.00
14.78	66.39	2.00	0.00	1.00	0.00	14.79	65.11	2.00	0.00	1.00	0.00
14.80	64.61	2.00	0.00	1.00	0.00	14.81	64.31	2.00	0.00	1.00	0.00
14.82	63.41	2.00	0.00	1.00	0.00	14.83	62.89	2.00	0.00	1.00	0.00
14.84	63.10	2.00	0.00	1.00	0.00	14.85	63.61	2.00	0.00	1.00	0.00
14.86	64.06	2.00	0.00	1.00	0.00	14.87	64.32	2.00	0.00	1.00	0.00
14.88	64.06	2.00	0.00	1.00	0.00	14.89	63.71	2.00	0.00	1.00	0.00
14.90	63.53	2.00	0.00	1.00	0.00	14.91	64.07	2.00	0.00	1.00	0.00
14.92	65.17	2.00	0.00	1.00	0.00	14.93	66.31	2.00	0.00	1.00	0.00
14.94	67.82	2.00	0.00	1.00	0.00	14.95	69.67	2.00	0.00	1.00	0.00
14.96	71.24	2.00	0.00	1.00	0.00	14.97	72.19	2.00	0.00	1.00	0.00
14.98	72.50	2.00	0.00	1.00	0.00	14.99	72.35	2.00	0.00	1.00	0.00
15.00	72.19	2.00	0.00	1.00	0.00	15.01	71.74	2.00	0.00	1.00	0.00
15.02	71.24	2.00	0.00	1.00	0.00	15.03	70.61	2.00	0.00	1.00	0.00
15.04	70.26	2.00	0.00	1.00	0.00	15.05	70.31	2.00	0.00	1.00	0.00
15.06	70.75	2.00	0.00	1.00	0.00	15.07	71.87	2.00	0.00	1.00	0.00
15.08	73.49	2.00	0.00	1.00	0.00	15.09	75.02	2.00	0.00	1.00	0.00
15.10	76.61	2.00	0.00	1.00	0.00	15.11	78.27	2.00	0.00	1.00	0.00
15.12	79.92	2.00	0.00	1.00	0.00	15.13	80.78	2.00	0.00	1.00	0.00
15.14	81.79	2.00	0.00	1.00	0.00	15.15	83.03	2.00	0.00	1.00	0.00
15.16	84.83	2.00	0.00	1.00	0.00	15.17	86.74	2.00	0.00	1.00	0.00
15.18	88.18	2.00	0.00	1.00	0.00	15.19	89.87	2.00	0.00	1.00	0.00
15.20	91.26	2.00	0.00	1.00	0.00	15.21	93.38	2.00	0.00	1.00	0.00
15.22	96.02	2.00	0.00	1.00	0.00	15.23	98.29	2.00	0.00	1.00	0.00
15.24	99.90	2.00	0.00	1.00	0.00	15.25	100.41	2.00	0.00	1.00	0.00
15.26	101.18	2.00	0.00	1.00	0.00	15.27	102.91	2.00	0.00	1.00	0.00
15.28	105.12	2.00	0.00	1.00	0.00	15.29	107.38	2.00	0.00	1.00	0.00
15.30	108.60	2.00	0.00	1.00	0.00	15.31	108.75	2.00	0.00	1.00	0.00
15.32	107.90	2.00	0.00	1.00	0.00	15.33	106.54	2.00	0.00	1.00	0.00
15.34	105.07	2.00	0.00	1.00	0.00	15.35	103.89	2.00	0.00	1.00	0.00
15.36	103.34	2.00	0.00	1.00	0.00	15.37	103.78	2.00	0.00	1.00	0.00
15.38	105.57	2.00	0.00	1.00	0.00	15.39	107.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
15.40	109.57	2.00	0.00	1.00	0.00	15.41	110.18	2.00	0.00	1.00	0.00
15.42	109.87	2.00	0.00	1.00	0.00	15.43	108.89	2.00	0.00	1.00	0.00
15.44	108.00	2.00	0.00	1.00	0.00	15.45	107.54	2.00	0.00	1.00	0.00
15.46	107.17	2.00	0.00	1.00	0.00	15.47	107.04	2.00	0.00	1.00	0.00
15.48	106.87	2.00	0.00	1.00	0.00	15.49	106.74	2.00	0.00	1.00	0.00
15.50	106.51	2.00	0.00	1.00	0.00	15.51	105.69	2.00	0.00	1.00	0.00
15.52	104.75	2.00	0.00	1.00	0.00	15.53	103.72	2.00	0.00	1.00	0.00
15.54	103.19	2.00	0.00	1.00	0.00	15.55	102.68	2.00	0.00	1.00	0.00
15.56	101.94	2.00	0.00	1.00	0.00	15.57	101.22	2.00	0.00	1.00	0.00
15.58	100.68	2.00	0.00	1.00	0.00	15.59	100.38	2.00	0.00	1.00	0.00
15.60	100.20	2.00	0.00	1.00	0.00	15.61	99.90	2.00	0.00	1.00	0.00
15.62	99.51	2.00	0.00	1.00	0.00	15.63	99.01	2.00	0.00	1.00	0.00
15.64	99.01	2.00	0.00	1.00	0.00	15.65	99.23	2.00	0.00	1.00	0.00
15.66	99.66	2.00	0.00	1.00	0.00	15.67	99.73	2.00	0.00	1.00	0.00
15.68	99.80	2.00	0.00	1.00	0.00	15.69	98.80	2.00	0.00	1.00	0.00
15.70	98.01	2.00	0.00	1.00	0.00	15.71	97.42	2.00	0.00	1.00	0.00
15.72	98.03	2.00	0.00	1.00	0.00	15.73	98.36	2.00	0.00	1.00	0.00
15.74	98.25	2.00	0.00	1.00	0.00	15.75	97.78	2.00	0.00	1.00	0.00
15.76	97.11	2.00	0.00	1.00	0.00	15.77	96.43	2.00	0.00	1.00	0.00
15.78	95.67	2.00	0.00	1.00	0.00	15.79	94.89	2.00	0.00	1.00	0.00
15.80	94.08	2.00	0.00	1.00	0.00	15.81	93.27	2.00	0.00	1.00	0.00
15.82	92.52	2.00	0.00	1.00	0.00	15.83	91.90	2.00	0.00	1.00	0.00
15.84	91.13	2.00	0.00	1.00	0.00	15.85	90.25	2.00	0.00	1.00	0.00
15.86	89.28	2.00	0.00	1.00	0.00	15.87	88.40	2.00	0.00	1.00	0.00
15.88	87.91	2.00	0.00	1.00	0.00	15.89	87.57	2.00	0.00	1.00	0.00
15.90	87.55	2.00	0.00	1.00	0.00	15.91	87.53	2.00	0.00	1.00	0.00
15.92	87.64	2.00	0.00	1.00	0.00	15.93	87.93	2.00	0.00	1.00	0.00
15.94	88.43	2.00	0.00	1.00	0.00	15.95	89.04	2.00	0.00	1.00	0.00
15.96	89.60	2.00	0.00	1.00	0.00	15.97	90.05	2.00	0.00	1.00	0.00
15.98	90.50	2.00	0.00	1.00	0.00	15.99	90.93	2.00	0.00	1.00	0.00
16.00	91.35	2.00	0.00	1.00	0.00	16.01	91.62	2.00	0.00	1.00	0.00
16.02	91.78	2.00	0.00	1.00	0.00	16.03	91.92	2.00	0.00	1.00	0.00
16.04	92.12	2.00	0.00	1.00	0.00	16.05	92.19	2.00	0.00	1.00	0.00
16.06	91.99	2.00	0.00	1.00	0.00	16.07	91.48	2.00	0.00	1.00	0.00
16.08	90.89	2.00	0.00	1.00	0.00	16.09	90.33	2.00	0.00	1.00	0.00
16.10	89.61	2.00	0.00	1.00	0.00	16.11	89.01	2.00	0.00	1.00	0.00
16.12	88.36	2.00	0.00	1.00	0.00	16.13	87.89	2.00	0.00	1.00	0.00
16.14	87.33	2.00	0.00	1.00	0.00	16.15	86.78	2.00	0.00	1.00	0.00
16.16	86.28	2.00	0.00	1.00	0.00	16.17	85.95	2.00	0.00	1.00	0.00
16.18	85.66	2.00	0.00	1.00	0.00	16.19	85.49	2.00	0.00	1.00	0.00
16.20	85.23	2.00	0.00	1.00	0.00	16.21	85.15	2.00	0.00	1.00	0.00
16.22	84.92	2.00	0.00	1.00	0.00	16.23	85.27	2.00	0.00	1.00	0.00
16.24	85.74	2.00	0.00	1.00	0.00	16.25	86.52	2.00	0.00	1.00	0.00
16.26	86.97	2.00	0.00	1.00	0.00	16.27	87.39	2.00	0.00	1.00	0.00
16.28	87.45	2.00	0.00	1.00	0.00	16.29	87.54	2.00	0.00	1.00	0.00
16.30	87.70	2.00	0.00	1.00	0.00	16.31	88.20	2.00	0.00	1.00	0.00
16.32	88.65	2.00	0.00	1.00	0.00	16.33	88.84	2.00	0.00	1.00	0.00
16.34	88.76	2.00	0.00	1.00	0.00	16.35	88.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	87.34	2.00	0.00	1.00	0.00	16.37	86.42	2.00	0.00	1.00	0.00
16.38	85.12	2.00	0.00	1.00	0.00	16.39	84.23	2.00	0.00	1.00	0.00
16.40	83.08	2.00	0.00	1.00	0.00	16.41	82.50	2.00	0.00	1.00	0.00
16.42	82.27	2.00	0.00	1.00	0.00	16.43	82.11	2.00	0.00	1.00	0.00
16.44	81.66	2.00	0.00	1.00	0.00	16.45	81.09	2.00	0.00	1.00	0.00
16.46	80.54	2.00	0.00	1.00	0.00	16.47	80.48	2.00	0.00	1.00	0.00
16.48	80.39	2.00	0.00	1.00	0.00	16.49	80.38	2.00	0.00	1.00	0.00
16.50	79.99	2.00	0.00	1.00	0.00	16.51	79.76	2.00	0.00	1.00	0.00
16.52	79.49	2.00	0.00	1.00	0.00	16.53	79.39	2.00	0.00	1.00	0.00
16.54	79.22	2.00	0.00	1.00	0.00	16.55	78.98	2.00	0.00	1.00	0.00
16.56	78.69	2.00	0.00	1.00	0.00	16.57	78.44	2.00	0.00	1.00	0.00
16.58	78.42	2.00	0.00	1.00	0.00	16.59	78.43	2.00	0.00	1.00	0.00
16.60	77.97	2.00	0.00	1.00	0.00	16.61	77.44	2.00	0.00	1.00	0.00
16.62	77.18	2.00	0.00	1.00	0.00	16.63	77.51	2.00	0.00	1.00	0.00
16.64	77.73	2.00	0.00	1.00	0.00	16.65	77.89	2.00	0.00	1.00	0.00
16.66	78.24	2.00	0.00	1.00	0.00	16.67	78.70	2.00	0.00	1.00	0.00
16.68	79.03	2.00	0.00	1.00	0.00	16.69	76.64	2.00	0.00	1.00	0.00
16.70	74.16	2.00	0.00	1.00	0.00	16.71	72.54	2.00	0.00	1.00	0.00
16.72	73.54	2.00	0.00	1.00	0.00	16.73	75.88	2.00	0.00	1.00	0.00
16.74	77.66	2.00	0.00	1.00	0.00	16.75	79.51	2.00	0.00	1.00	0.00
16.76	80.80	2.00	0.00	1.00	0.00	16.77	82.01	2.00	0.00	1.00	0.00
16.78	83.43	2.00	0.00	1.00	0.00	16.79	84.18	2.00	0.00	1.00	0.00
16.80	84.45	2.00	0.00	1.00	0.00	16.81	84.35	2.00	0.00	1.00	0.00
16.82	84.40	2.00	0.00	1.00	0.00	16.83	85.77	2.00	0.00	1.00	0.00
16.84	87.16	2.00	0.00	1.00	0.00	16.85	89.04	2.00	0.00	1.00	0.00
16.86	90.01	2.00	0.00	1.00	0.00	16.87	90.98	2.00	0.00	1.00	0.00
16.88	91.15	2.00	0.00	1.00	0.00	16.89	91.43	2.00	0.00	1.00	0.00
16.90	91.66	2.00	0.00	1.00	0.00	16.91	91.77	2.00	0.00	1.00	0.00
16.92	91.55	2.00	0.00	1.00	0.00	16.93	91.34	2.00	0.00	1.00	0.00
16.94	91.16	2.00	0.00	1.00	0.00	16.95	90.76	2.00	0.00	1.00	0.00
16.96	90.66	2.00	0.00	1.00	0.00	16.97	90.46	2.00	0.00	1.00	0.00
16.98	90.09	2.00	0.00	1.00	0.00	16.99	89.24	2.00	0.00	1.00	0.00
17.00	88.42	2.00	0.00	1.00	0.00	17.01	87.70	2.00	0.00	1.00	0.00
17.02	86.83	2.00	0.00	1.00	0.00	17.03	85.89	2.00	0.00	1.00	0.00
17.04	85.96	2.00	0.00	1.00	0.00	17.05	86.62	2.00	0.00	1.00	0.00
17.06	87.42	2.00	0.00	1.00	0.00	17.07	87.32	2.00	0.00	1.00	0.00
17.08	86.60	2.00	0.00	1.00	0.00	17.09	85.85	2.00	0.00	1.00	0.00
17.10	85.35	2.00	0.00	1.00	0.00	17.11	85.49	2.00	0.00	1.00	0.00
17.12	85.53	2.00	0.00	1.00	0.00	17.13	85.14	2.00	0.00	1.00	0.00
17.14	84.13	2.00	0.00	1.00	0.00	17.15	83.15	2.00	0.00	1.00	0.00
17.16	82.93	2.00	0.00	1.00	0.00	17.17	83.20	2.00	0.00	1.00	0.00
17.18	83.66	2.00	0.00	1.00	0.00	17.19	83.19	2.00	0.00	1.00	0.00
17.20	82.55	2.00	0.00	1.00	0.00	17.21	82.25	2.00	0.00	1.00	0.00
17.22	82.98	2.00	0.00	1.00	0.00	17.23	83.99	2.00	0.00	1.00	0.00
17.24	84.40	2.00	0.00	1.00	0.00	17.25	83.96	2.00	0.00	1.00	0.00
17.26	82.80	2.00	0.00	1.00	0.00	17.27	81.70	2.00	0.00	1.00	0.00
17.28	80.49	2.00	0.00	1.00	0.00	17.29	79.10	2.00	0.00	1.00	0.00
17.30	77.43	2.00	0.00	1.00	0.00	17.31	75.61	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
17.32	74.25	2.00	0.00	1.00	0.00	17.33	73.34	2.00	0.00	1.00	0.00
17.34	73.03	2.00	0.00	1.00	0.00	17.35	72.35	2.00	0.00	1.00	0.00
17.36	71.22	2.00	0.00	1.00	0.00	17.37	69.74	2.00	0.00	1.00	0.00
17.38	68.46	2.00	0.00	1.00	0.00	17.39	67.68	2.00	0.00	1.00	0.00
17.40	67.49	2.00	0.00	1.00	0.00	17.41	67.79	2.00	0.00	1.00	0.00
17.42	68.35	2.00	0.00	1.00	0.00	17.43	68.76	2.00	0.00	1.00	0.00
17.44	70.38	2.00	0.00	1.00	0.00	17.45	72.62	2.00	0.00	1.00	0.00
17.46	75.64	2.00	0.00	1.00	0.00	17.47	78.74	2.00	0.00	1.00	0.00
17.48	81.12	2.00	0.00	1.00	0.00	17.49	82.58	2.00	0.00	1.00	0.00
17.50	82.69	2.00	0.00	1.00	0.00	17.51	82.03	2.00	0.00	1.00	0.00
17.52	81.47	2.00	0.00	1.00	0.00	17.53	81.34	2.00	0.00	1.00	0.00
17.54	82.10	2.00	0.00	1.00	0.00	17.55	83.07	2.00	0.00	1.00	0.00
17.56	83.50	2.00	0.00	1.00	0.00	17.57	83.42	2.00	0.00	1.00	0.00
17.58	83.55	2.00	0.00	1.00	0.00	17.59	83.52	2.00	0.00	1.00	0.00
17.60	83.42	2.00	0.00	1.00	0.00	17.61	83.05	2.00	0.00	1.00	0.00
17.62	83.49	2.00	0.00	1.00	0.00	17.63	84.78	2.00	0.00	1.00	0.00
17.64	86.63	2.00	0.00	1.00	0.00	17.65	89.77	2.00	0.00	1.00	0.00
17.66	92.31	2.00	0.00	1.00	0.00	17.67	94.12	2.00	0.00	1.00	0.00
17.68	97.15	2.00	0.00	1.00	0.00	17.69	101.38	2.00	0.00	1.00	0.00
17.70	105.85	2.00	0.00	1.00	0.00	17.71	107.22	2.00	0.00	1.00	0.00
17.72	107.03	2.00	0.00	1.00	0.00	17.73	106.34	2.00	0.00	1.00	0.00
17.74	106.41	2.00	0.00	1.00	0.00	17.75	107.02	2.00	0.00	1.00	0.00
17.76	108.00	2.00	0.00	1.00	0.00	17.77	108.12	2.00	0.00	1.00	0.00
17.78	107.95	2.00	0.00	1.00	0.00	17.79	106.89	2.00	0.00	1.00	0.00
17.80	105.76	2.00	0.00	1.00	0.00	17.81	104.77	2.00	0.00	1.00	0.00
17.82	104.09	2.00	0.00	1.00	0.00	17.83	103.18	2.00	0.00	1.00	0.00
17.84	100.47	2.00	0.00	1.00	0.00	17.85	97.66	2.00	0.00	1.00	0.00
17.86	95.27	2.00	0.00	1.00	0.00	17.87	94.62	2.00	0.00	1.00	0.00
17.88	94.79	2.00	0.00	1.00	0.00	17.89	95.04	2.00	0.00	1.00	0.00
17.90	95.02	2.00	0.00	1.00	0.00	17.91	93.95	2.00	0.00	1.00	0.00
17.92	91.83	2.00	0.00	1.00	0.00	17.93	89.14	2.00	0.00	1.00	0.00
17.94	85.84	2.00	0.00	1.00	0.00	17.95	83.44	2.00	0.00	1.00	0.00
17.96	82.35	2.00	0.00	1.00	0.00	17.97	82.38	2.00	0.00	1.00	0.00
17.98	82.12	2.00	0.00	1.00	0.00	17.99	81.34	2.00	0.00	1.00	0.00
18.00	80.85	2.00	0.00	1.00	0.00	18.01	81.20	2.00	0.00	1.00	0.00
18.02	81.83	2.00	0.00	1.00	0.00	18.03	81.96	2.00	0.00	1.00	0.00
18.04	81.64	2.00	0.00	1.00	0.00	18.05	80.91	2.00	0.00	1.00	0.00
18.06	80.48	2.00	0.00	1.00	0.00	18.07	80.66	2.00	0.00	1.00	0.00
18.08	81.03	2.00	0.00	1.00	0.00	18.09	79.50	2.00	0.00	1.00	0.00
18.10	77.08	2.00	0.00	1.00	0.00	18.11	75.13	2.00	0.00	1.00	0.00
18.12	75.77	2.00	0.00	1.00	0.00	18.13	77.57	2.00	0.00	1.00	0.00
18.14	81.13	2.00	0.00	1.00	0.00	18.15	85.31	2.00	0.00	1.00	0.00
18.16	89.44	2.00	0.00	1.00	0.00	18.17	91.99	2.00	0.00	1.00	0.00
18.18	93.00	2.00	0.00	1.00	0.00	18.19	92.52	2.00	0.00	1.00	0.00
18.20	91.40	2.00	0.00	1.00	0.00	18.21	90.07	2.00	0.00	1.00	0.00
18.22	88.38	2.00	0.00	1.00	0.00	18.23	85.27	2.00	0.00	1.00	0.00
18.24	81.32	2.00	0.00	1.00	0.00	18.25	78.78	2.00	0.00	1.00	0.00
18.26	79.34	2.00	0.00	1.00	0.00	18.27	82.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	88.81	2.00	0.00	1.00	0.00	18.29	93.55	2.00	0.00	1.00	0.00
18.30	96.51	2.00	0.00	1.00	0.00	18.31	96.90	2.00	0.00	1.00	0.00
18.32	96.77	2.00	0.00	1.00	0.00	18.33	96.43	2.00	0.00	1.00	0.00
18.34	95.23	2.00	0.00	1.00	0.00	18.35	92.98	2.00	0.00	1.00	0.00
18.36	90.74	2.00	0.00	1.00	0.00	18.37	88.98	2.00	0.00	1.00	0.00
18.38	88.43	2.00	0.00	1.00	0.00	18.39	88.71	2.00	0.00	1.00	0.00
18.40	89.57	2.00	0.00	1.00	0.00	18.41	90.85	2.00	0.00	1.00	0.00
18.42	91.45	2.00	0.00	1.00	0.00	18.43	91.72	2.00	0.00	1.00	0.00
18.44	91.72	2.00	0.00	1.00	0.00	18.45	91.39	2.00	0.00	1.00	0.00
18.46	90.89	2.00	0.00	1.00	0.00	18.47	90.25	2.00	0.00	1.00	0.00
18.48	89.09	2.00	0.00	1.00	0.00	18.49	87.19	2.00	0.00	1.00	0.00
18.50	84.72	2.00	0.00	1.00	0.00	18.51	82.06	2.00	0.00	1.00	0.00
18.52	79.92	2.00	0.00	1.00	0.00	18.53	77.82	2.00	0.00	1.00	0.00
18.54	76.54	2.00	0.00	1.00	0.00	18.55	75.59	2.00	0.00	1.00	0.00
18.56	75.71	2.00	0.00	1.00	0.00	18.57	76.31	2.00	0.00	1.00	0.00
18.58	77.61	2.00	0.00	1.00	0.00	18.59	79.76	2.00	0.00	1.00	0.00
18.60	82.04	2.00	0.00	1.00	0.00	18.61	84.33	2.00	0.00	1.00	0.00
18.62	86.03	2.00	0.00	1.00	0.00	18.63	88.39	2.00	0.00	1.00	0.00
18.64	90.64	2.00	0.00	1.00	0.00	18.65	93.07	2.00	0.00	1.00	0.00
18.66	94.31	2.00	0.00	1.00	0.00	18.67	95.05	2.00	0.00	1.00	0.00
18.68	93.51	2.00	0.00	1.00	0.00	18.69	92.71	2.00	0.00	1.00	0.00
18.70	92.44	2.00	0.00	1.00	0.00	18.71	93.50	2.00	0.00	1.00	0.00
18.72	94.09	2.00	0.00	1.00	0.00	18.73	94.19	2.00	0.00	1.00	0.00
18.74	93.60	2.00	0.00	1.00	0.00	18.75	92.60	2.00	0.00	1.00	0.00
18.76	91.66	2.00	0.00	1.00	0.00	18.77	90.38	2.00	0.00	1.00	0.00
18.78	88.55	2.00	0.00	1.00	0.00	18.79	86.00	2.00	0.00	1.00	0.00
18.80	72.27	2.00	0.00	1.00	0.00	18.81	70.71	2.00	0.00	1.00	0.00
18.82	68.85	2.00	0.00	1.00	0.00	18.83	66.87	2.00	0.00	1.00	0.00
18.84	64.94	2.00	0.00	1.00	0.00	18.85	63.15	2.00	0.00	1.00	0.00
18.86	62.02	2.00	0.00	1.00	0.00	18.87	61.20	2.00	0.00	1.00	0.00
18.88	60.95	2.00	0.00	1.00	0.00	18.89	61.14	2.00	0.00	1.00	0.00
18.90	61.37	2.00	0.00	1.00	0.00	18.91	61.37	2.00	0.00	1.00	0.00
18.92	61.10	2.00	0.00	1.00	0.00	18.93	60.36	2.00	0.00	1.00	0.00
18.94	59.16	2.00	0.00	1.00	0.00	18.95	57.27	2.00	0.00	1.00	0.00
18.96	53.87	2.00	0.00	1.00	0.00	18.97	64.89	2.00	0.00	1.00	0.00
18.98	63.19	2.00	0.00	1.00	0.00	18.99	62.93	2.00	0.00	1.00	0.00
19.00	64.45	2.00	0.00	1.00	0.00	19.01	67.30	2.00	0.00	1.00	0.00
19.02	71.25	2.00	0.00	1.00	0.00	19.03	75.28	2.00	0.00	1.00	0.00
19.04	78.86	2.00	0.00	1.00	0.00	19.05	82.02	2.00	0.00	1.00	0.00
19.06	84.79	2.00	0.00	1.00	0.00	19.07	87.46	2.00	0.00	1.00	0.00
19.08	89.55	2.00	0.00	1.00	0.00	19.09	91.07	2.00	0.00	1.00	0.00
19.10	91.80	2.00	0.00	1.00	0.00	19.11	90.66	2.00	0.00	1.00	0.00
19.12	87.66	2.00	0.00	1.00	0.00	19.13	84.50	2.00	0.00	1.00	0.00
19.14	82.42	2.00	0.00	1.00	0.00	19.15	80.58	2.00	0.00	1.00	0.00
19.16	79.26	2.00	0.00	1.00	0.00	19.17	80.32	2.00	0.00	1.00	0.00
19.18	82.64	2.00	0.00	1.00	0.00	19.19	84.94	2.00	0.00	1.00	0.00
19.20	83.69	2.00	0.00	1.00	0.00	19.21	80.42	2.00	0.00	1.00	0.00
19.22	76.70	2.00	0.00	1.00	0.00	19.23	75.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	76.31	2.00	0.00	1.00	0.00	19.25	79.35	2.00	0.00	1.00	0.00
19.26	81.83	2.00	0.00	1.00	0.00	19.27	82.45	2.00	0.00	1.00	0.00
19.28	81.21	2.00	0.00	1.00	0.00	19.29	80.00	2.00	0.00	1.00	0.00
19.30	79.68	2.00	0.00	1.00	0.00	19.31	78.99	2.00	0.00	1.00	0.00
19.32	77.48	2.00	0.00	1.00	0.00	19.33	76.18	2.00	0.00	1.00	0.00
19.34	75.73	2.00	0.00	1.00	0.00	19.35	75.88	2.00	0.00	1.00	0.00
19.36	75.97	2.00	0.00	1.00	0.00	19.37	76.03	2.00	0.00	1.00	0.00
19.38	75.04	2.00	0.00	1.00	0.00	19.39	71.69	2.00	0.00	1.00	0.00
19.40	67.59	2.00	0.00	1.00	0.00	19.41	63.41	2.00	0.00	1.00	0.00
19.42	61.01	2.00	0.00	1.00	0.00	19.43	59.03	2.00	0.00	1.00	0.00
19.44	57.50	2.00	0.00	1.00	0.00	19.45	56.70	2.00	0.00	1.00	0.00
19.46	56.08	2.00	0.00	1.00	0.00	19.47	55.81	2.00	0.00	1.00	0.00
19.48	55.88	2.00	0.00	1.00	0.00	19.49	56.70	2.00	0.00	1.00	0.00
19.50	58.18	2.00	0.00	1.00	0.00	19.51	59.48	2.00	0.00	1.00	0.00
19.52	62.35	2.00	0.00	1.00	0.00	19.53	67.01	2.00	0.00	1.00	0.00
19.54	74.21	2.00	0.00	1.00	0.00	19.55	79.88	2.00	0.00	1.00	0.00
19.56	84.12	2.00	0.00	1.00	0.00	19.57	87.37	2.00	0.00	1.00	0.00
19.58	92.56	2.00	0.00	1.00	0.00	19.59	98.24	2.00	0.00	1.00	0.00
19.60	105.47	2.00	0.00	1.00	0.00	19.61	111.88	2.00	0.00	1.00	0.00
19.62	120.57	2.00	0.00	1.00	0.00	19.63	127.58	2.00	0.00	1.00	0.00
19.64	133.49	2.00	0.00	1.00	0.00	19.65	137.04	2.00	0.00	1.00	0.00
19.66	139.36	2.00	0.00	1.00	0.00	19.67	140.94	2.00	0.00	1.00	0.00
19.68	140.43	2.00	0.00	1.00	0.00	19.69	139.76	2.00	0.00	1.00	0.00
19.70	138.95	2.00	0.00	1.00	0.00	19.71	138.01	2.00	0.00	1.00	0.00
19.72	136.82	2.00	0.00	1.00	0.00	19.73	134.81	2.00	0.00	1.00	0.00
19.74	132.30	2.00	0.00	1.00	0.00	19.75	129.46	2.00	0.00	1.00	0.00
19.76	127.36	2.00	0.00	1.00	0.00	19.77	124.00	2.00	0.00	1.00	0.00
19.78	120.31	2.00	0.00	1.00	0.00	19.79	116.35	2.00	0.00	1.00	0.00
19.80	113.11	2.00	0.00	1.00	0.00	19.81	109.08	2.00	0.00	1.00	0.00
19.82	105.06	2.00	0.00	1.00	0.00	19.83	100.98	2.00	0.00	1.00	0.00
19.84	96.86	2.00	0.00	1.00	0.00	19.85	93.70	2.00	0.00	1.00	0.00
19.86	90.45	2.00	0.00	1.00	0.00	19.87	88.34	2.00	0.00	1.00	0.00
19.88	86.02	2.00	0.00	1.00	0.00	19.89	84.45	2.00	0.00	1.00	0.00
19.90	82.57	2.00	0.00	1.00	0.00	19.91	81.19	2.00	0.00	1.00	0.00
19.92	79.53	2.00	0.00	1.00	0.00	19.93	78.58	2.00	0.00	1.00	0.00
19.94	77.77	2.00	0.00	1.00	0.00	19.95	77.18	2.00	0.00	1.00	0.00
19.96	76.88	2.00	0.00	1.00	0.00	19.97	77.19	2.00	0.00	1.00	0.00
19.98	78.16	2.00	0.00	1.00	0.00	19.99	80.00	2.00	0.00	1.00	0.00
20.00	81.74	2.00	0.00	1.00	0.00	20.01	84.43	2.00	0.00	1.00	0.00
20.02	87.68	2.00	0.00	1.00	0.00	20.03	90.85	2.00	0.00	1.00	0.00
20.04	92.14	2.00	0.00	1.00	0.00	20.05	91.65	2.00	0.00	1.00	0.00
20.06	90.77	2.00	0.00	1.00	0.00	20.07	89.59	2.00	0.00	1.00	0.00
20.08	87.97	2.00	0.00	1.00	0.00	20.09	86.32	2.00	0.00	1.00	0.00
20.10	85.07	2.00	0.00	1.00	0.00	20.11	83.99	2.00	0.00	1.00	0.00
20.12	83.09	2.00	0.00	1.00	0.00						

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
-----------	-------------	----	-----------	----	-----------------	-----------	-------------	----	-----------	----	-----------------

**Total estimated settlement: 16.20****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**

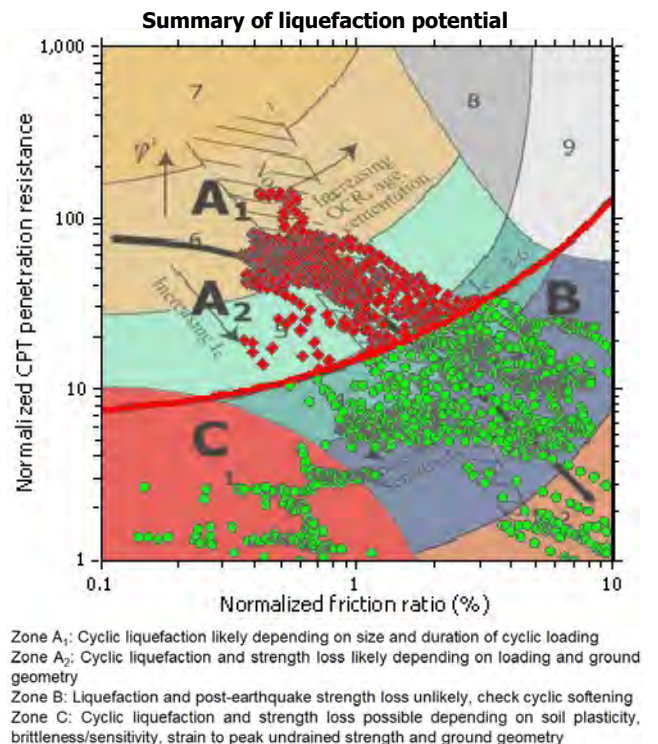
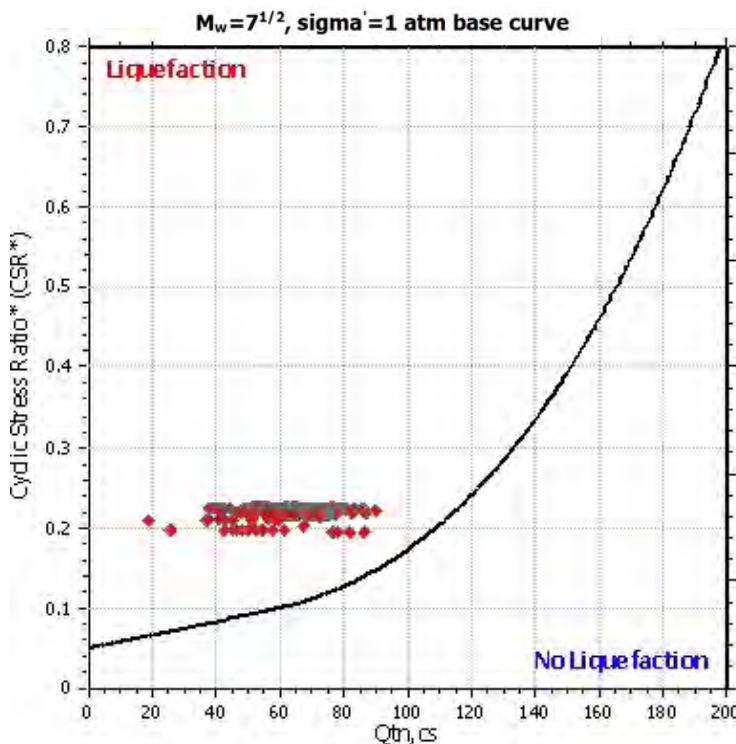
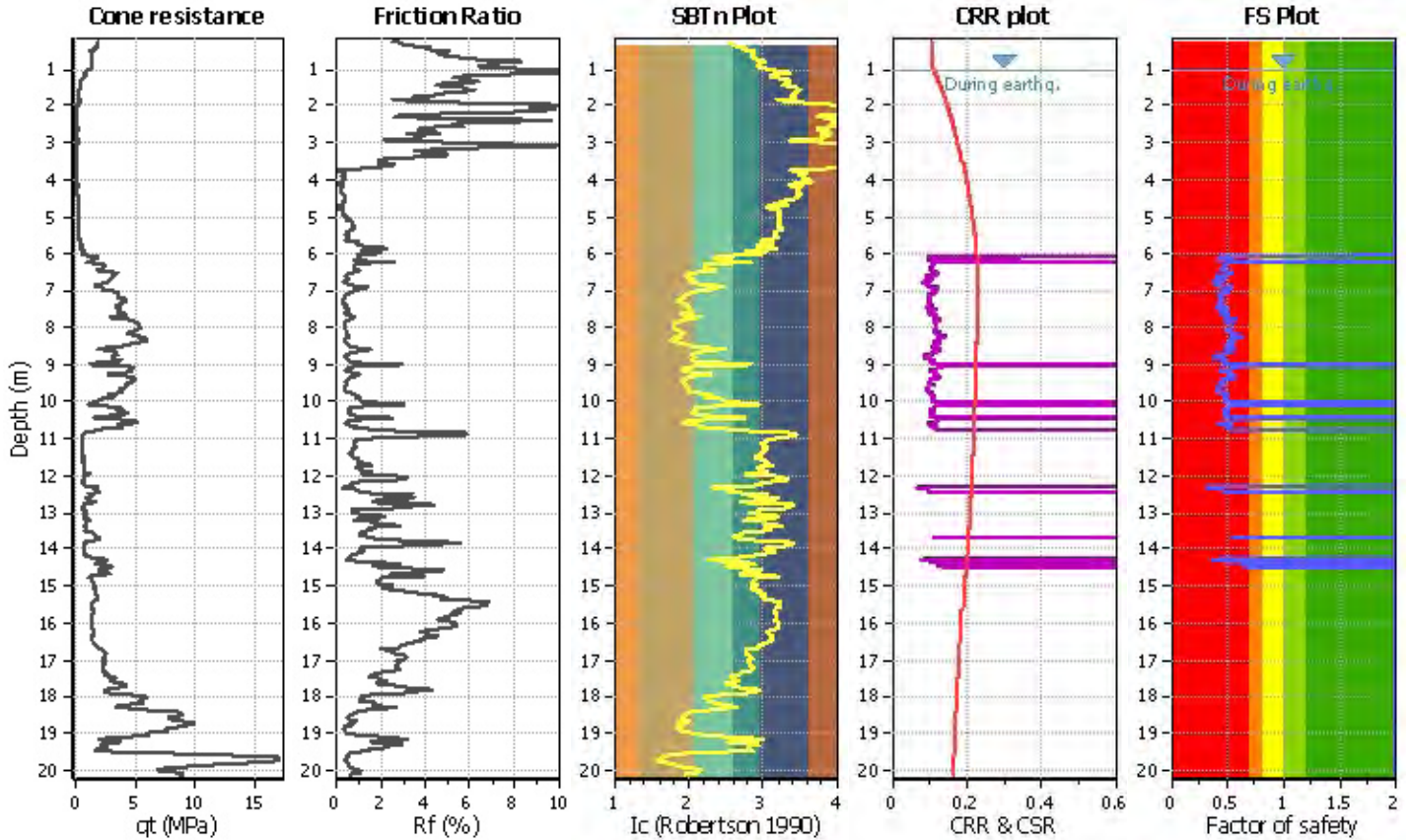
**Project title :**

**Location :**

**CPT file : CPTU1 - Area 1**

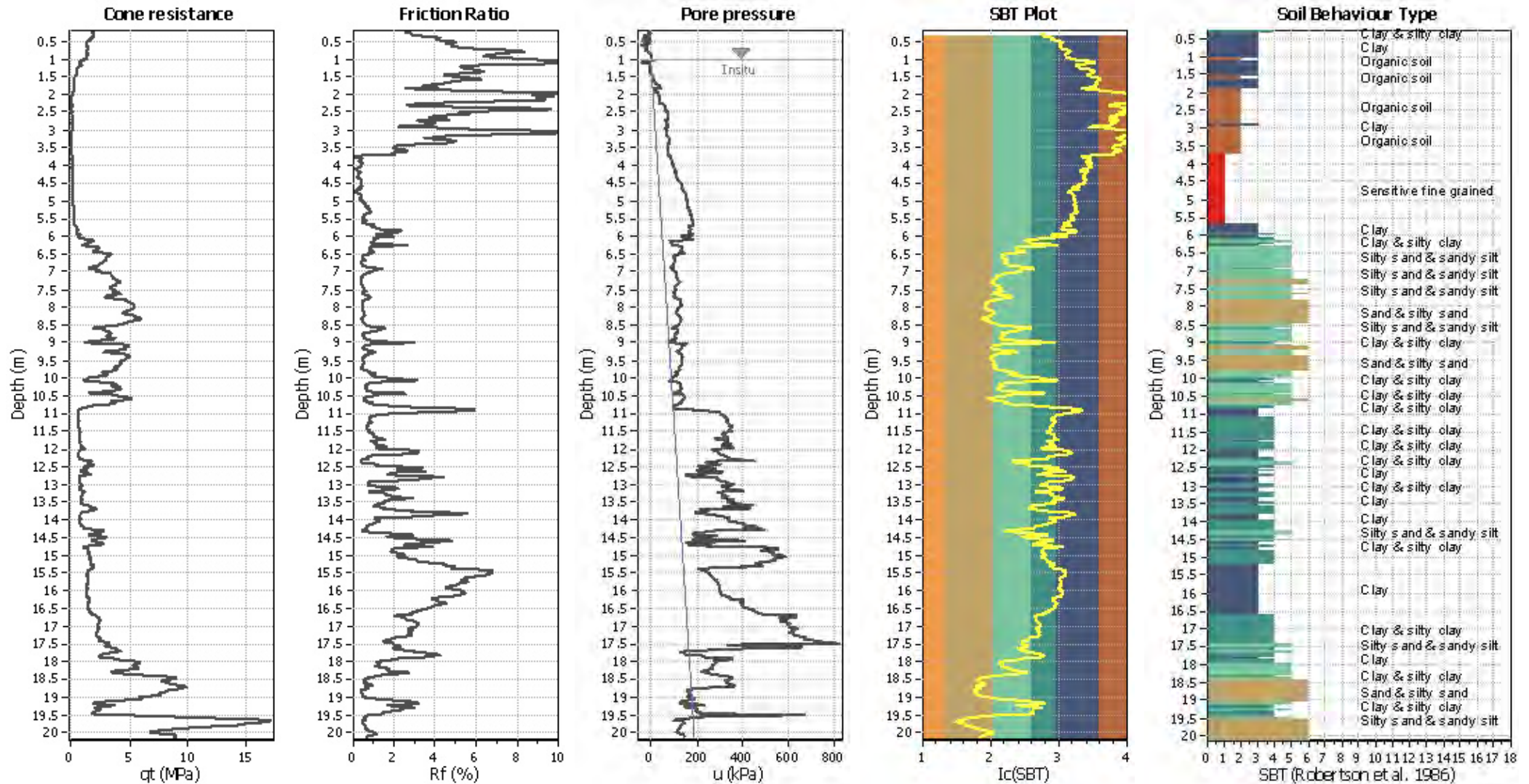
**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		





### CPT basic interpretation plot



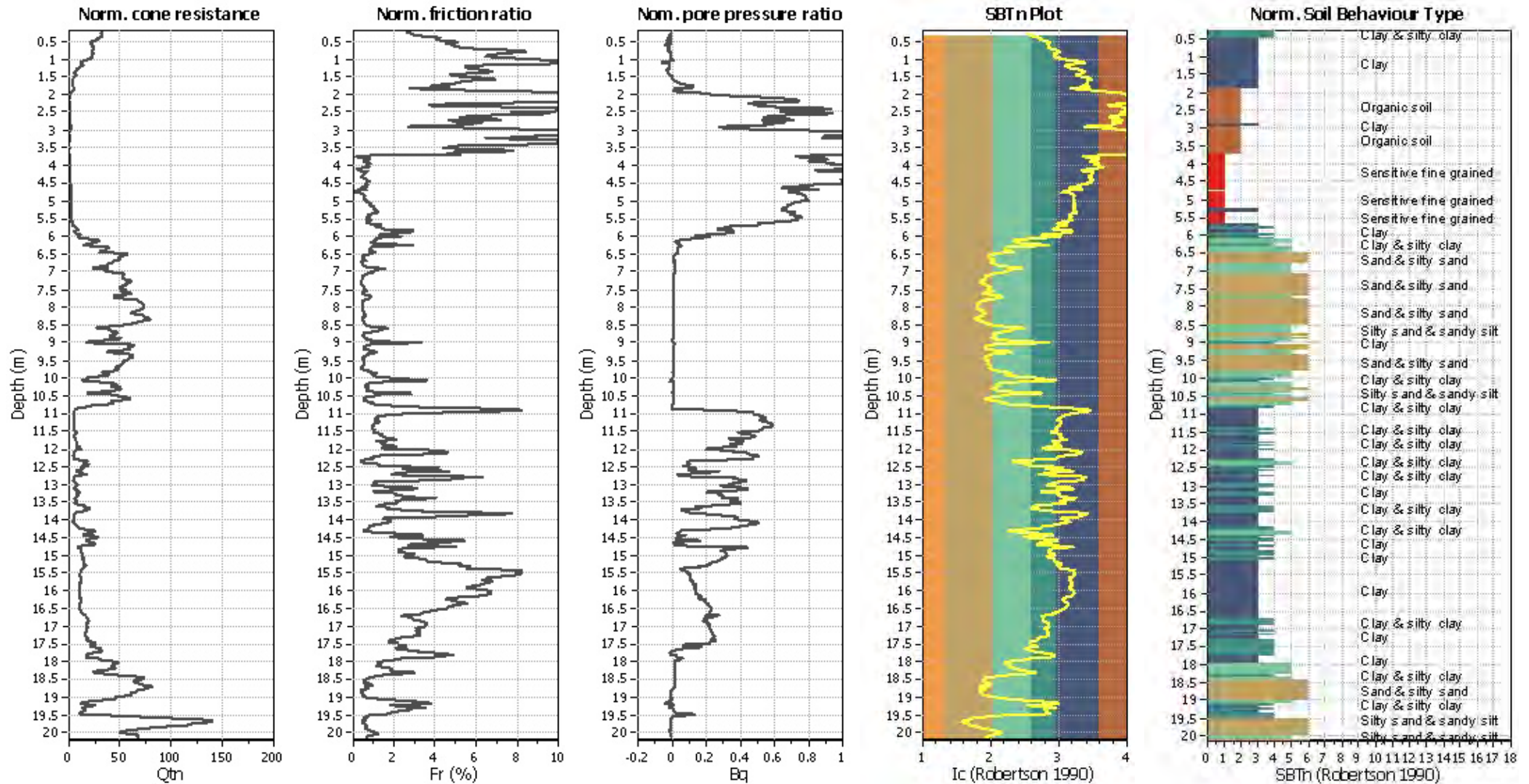
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



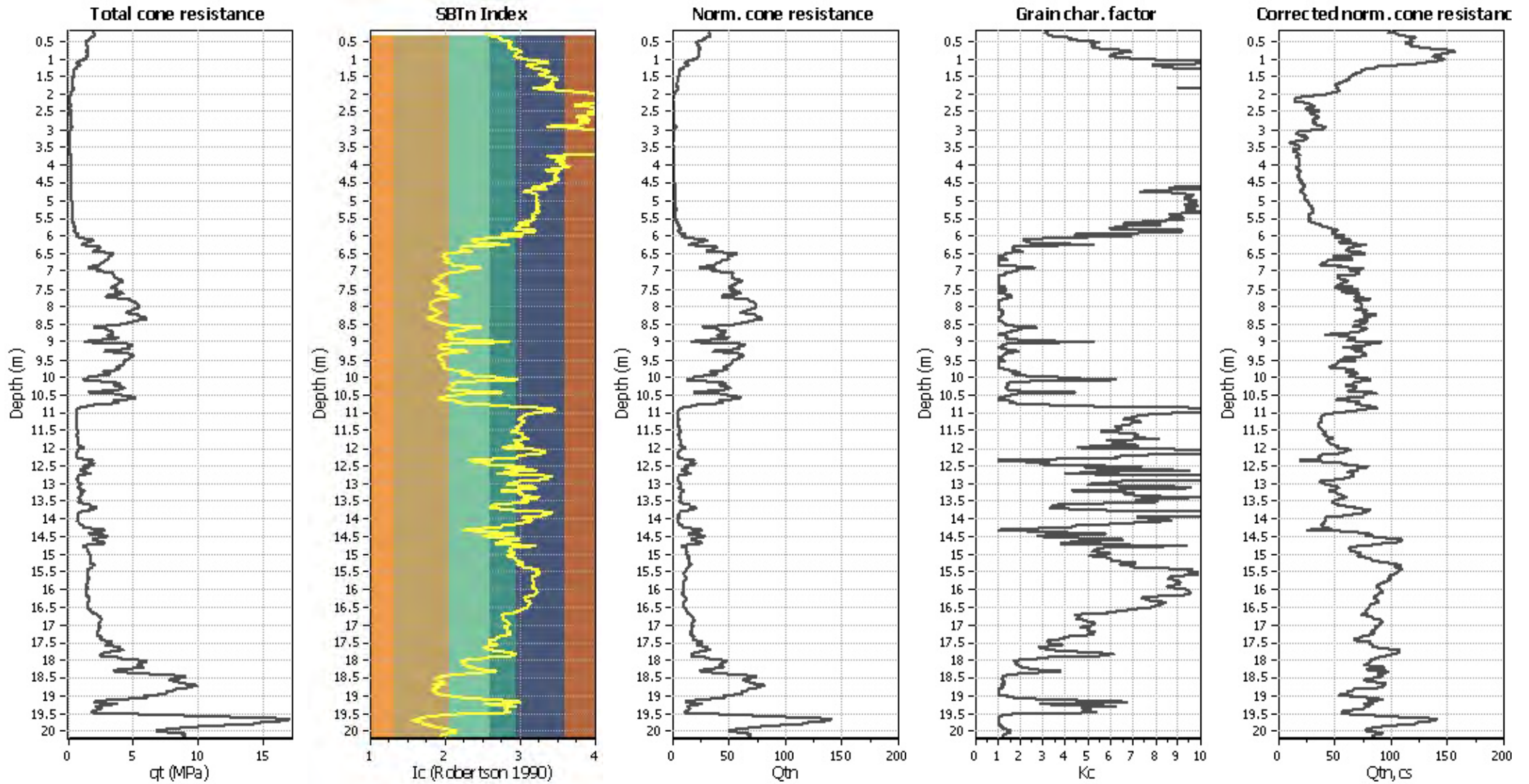
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

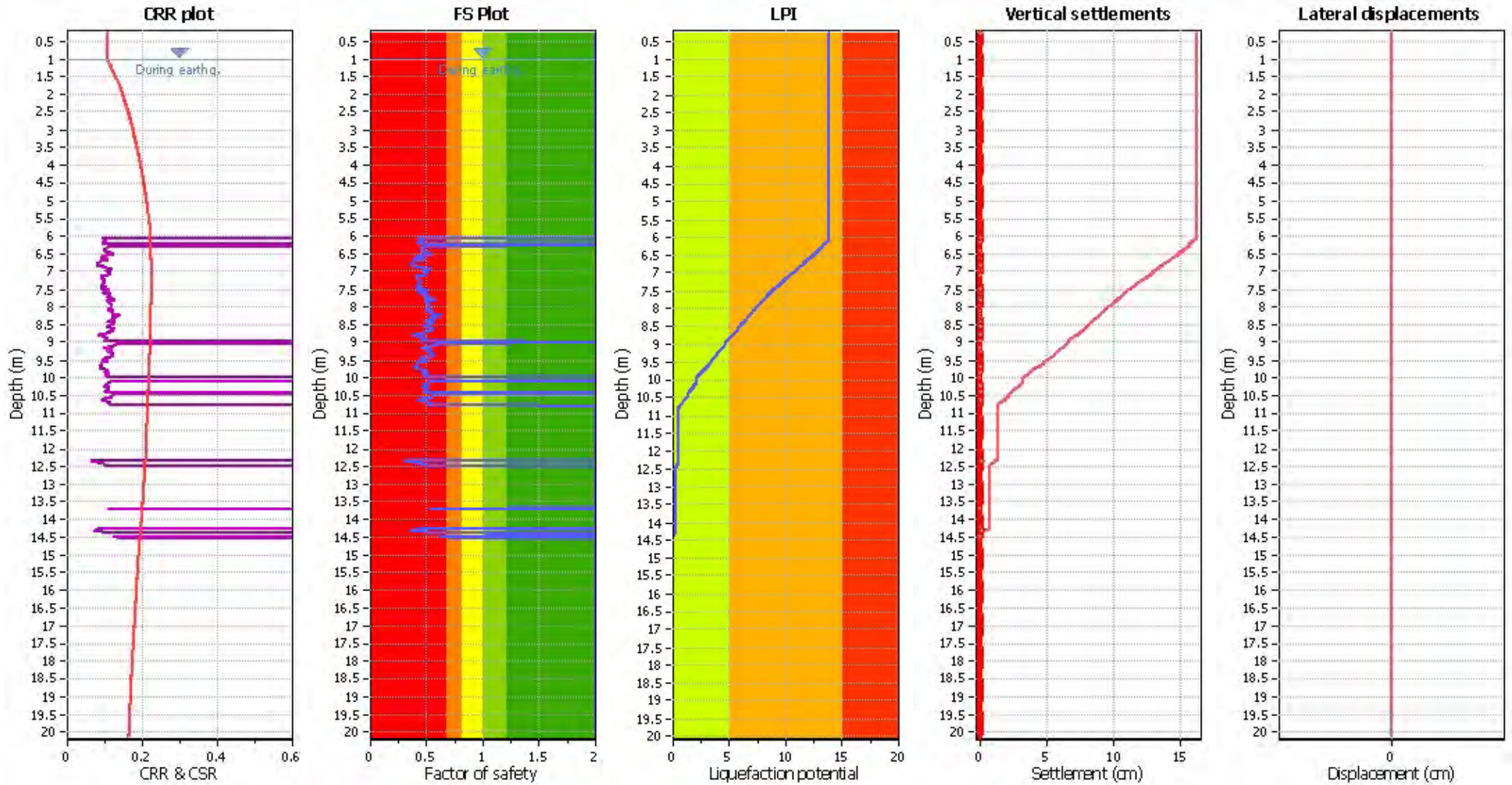
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

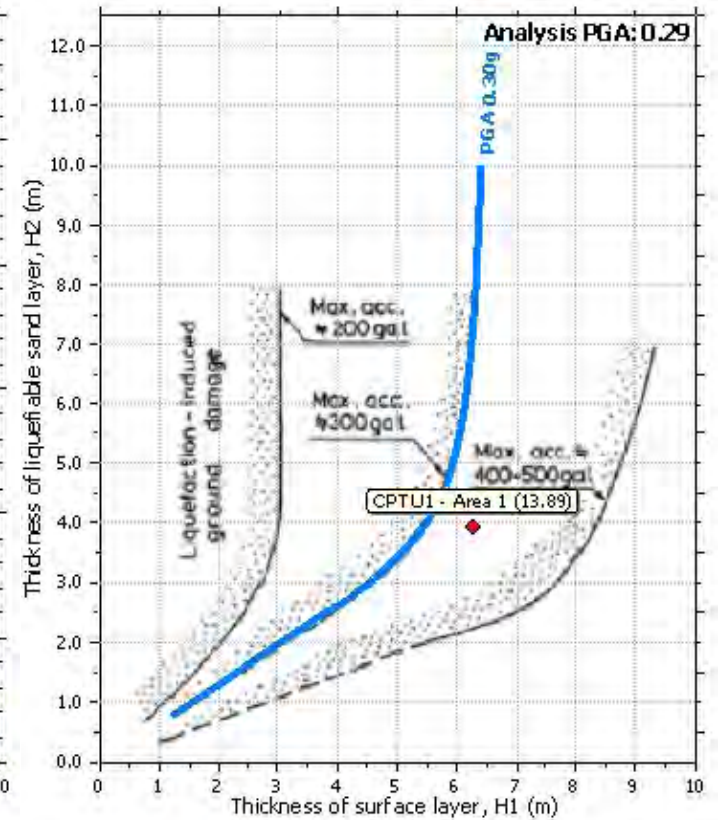
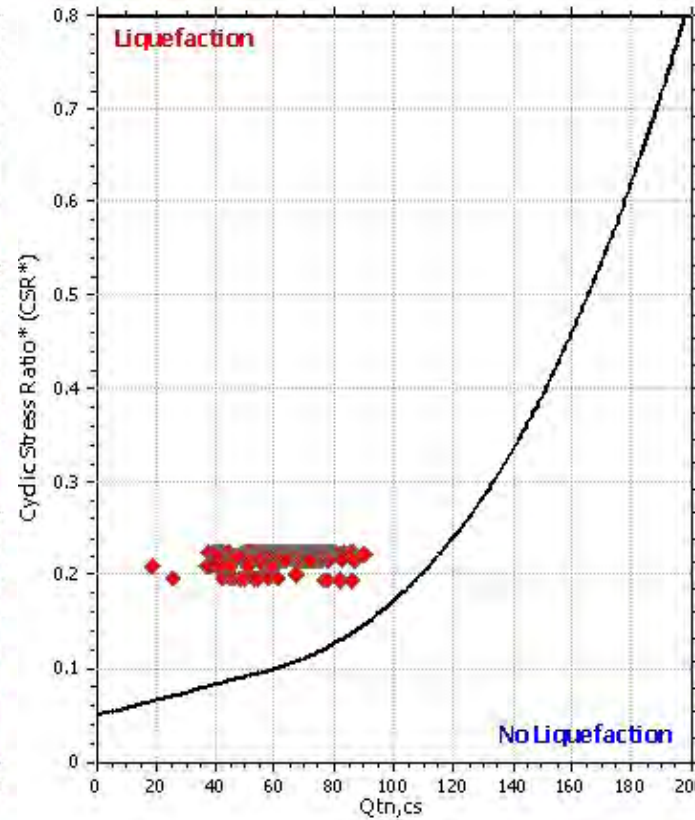
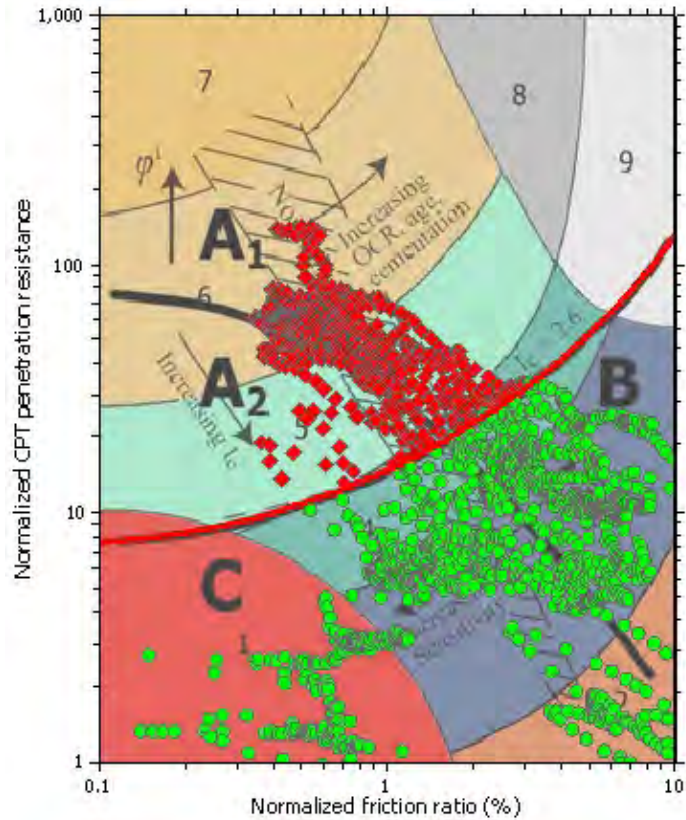
**F.S. color scheme**

- 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

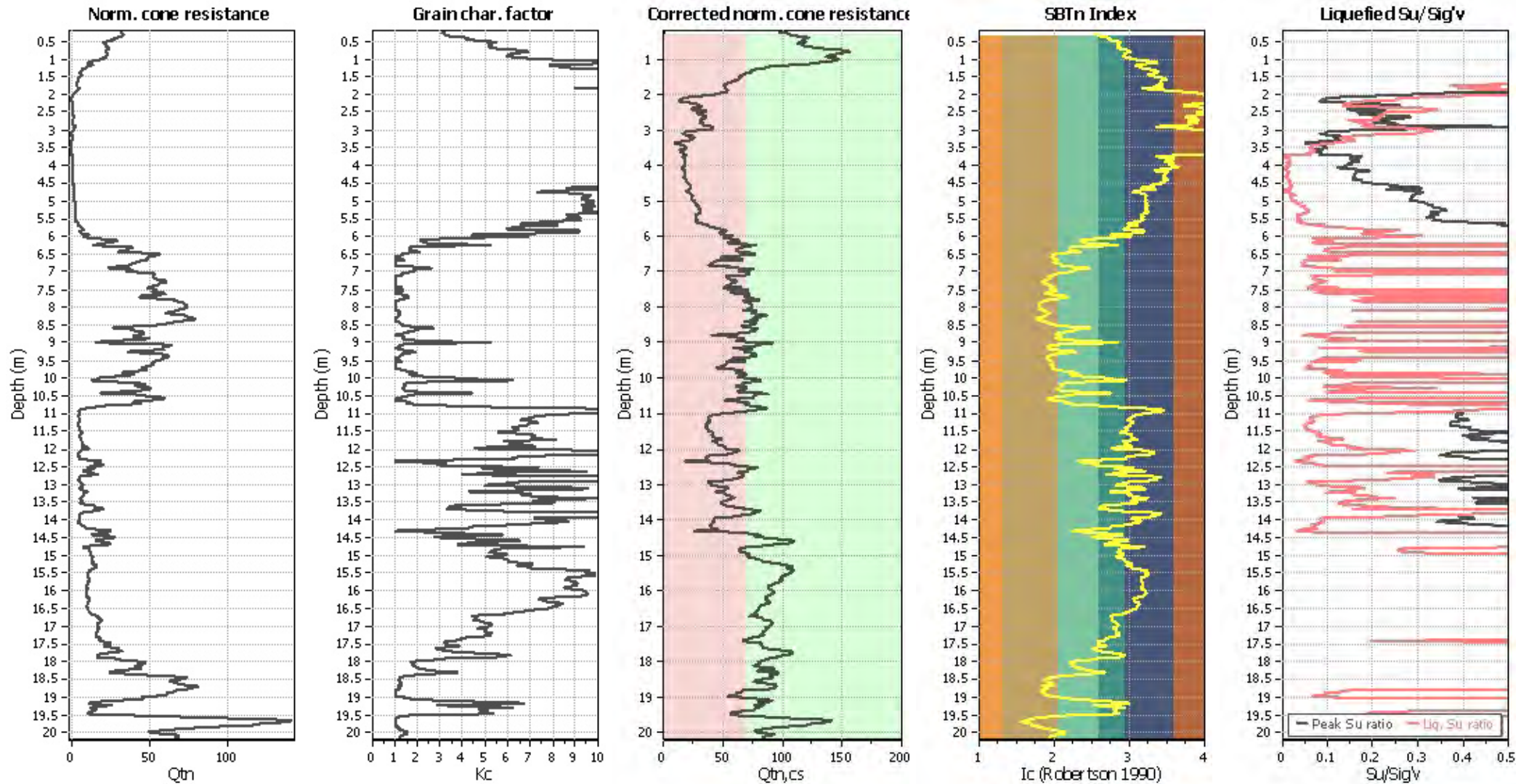
### Liquefaction analysis summary plo



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>o</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	0.42	0.58	6.97	0.01	0.04
6.07	0.43	0.57	6.96	0.01	0.04	6.08	0.44	0.56	6.96	0.01	0.04
6.09	0.45	0.55	6.96	0.01	0.04	6.10	0.46	0.54	6.95	0.01	0.04
6.11	0.46	0.54	6.95	0.01	0.04	6.12	0.46	0.54	6.94	0.01	0.04
6.13	0.46	0.54	6.93	0.01	0.04	6.14	0.45	0.55	6.93	0.01	0.04
6.15	0.45	0.55	6.92	0.01	0.04	6.16	0.44	0.56	6.92	0.01	0.04
6.17	0.43	0.57	6.92	0.01	0.04	6.18	0.42	0.58	6.91	0.01	0.04
6.19	0.43	0.57	6.91	0.01	0.04	6.20	0.44	0.56	6.90	0.01	0.04
6.21	0.45	0.55	6.89	0.01	0.04	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	0.50	0.50	6.87	0.01	0.03	6.28	0.48	0.52	6.86	0.01	0.04
6.29	0.48	0.52	6.86	0.01	0.04	6.30	0.48	0.52	6.85	0.01	0.04
6.31	0.48	0.52	6.84	0.01	0.04	6.32	0.47	0.53	6.84	0.01	0.04
6.33	0.47	0.53	6.83	0.01	0.04	6.34	0.46	0.54	6.83	0.01	0.04
6.35	0.46	0.54	6.83	0.01	0.04	6.36	0.46	0.54	6.82	0.01	0.04
6.37	0.45	0.55	6.82	0.01	0.04	6.38	0.45	0.55	6.81	0.01	0.04
6.39	0.45	0.55	6.80	0.01	0.04	6.40	0.45	0.55	6.80	0.01	0.04
6.41	0.45	0.55	6.79	0.01	0.04	6.42	0.45	0.55	6.79	0.01	0.04
6.43	0.46	0.54	6.79	0.01	0.04	6.44	0.47	0.53	6.78	0.01	0.04
6.45	0.47	0.53	6.78	0.01	0.04	6.46	0.49	0.51	6.77	0.01	0.03
6.47	0.51	0.49	6.76	0.01	0.03	6.48	0.53	0.47	6.76	0.01	0.03
6.49	0.53	0.47	6.75	0.01	0.03	6.50	0.54	0.46	6.75	0.01	0.03
6.51	0.54	0.46	6.75	0.01	0.03	6.52	0.53	0.47	6.74	0.01	0.03
6.53	0.52	0.48	6.74	0.01	0.03	6.54	0.50	0.50	6.73	0.01	0.03
6.55	0.49	0.51	6.72	0.01	0.03	6.56	0.41	0.59	6.72	0.01	0.04
6.57	0.41	0.59	6.71	0.01	0.04	6.58	0.41	0.59	6.71	0.01	0.04
6.59	0.40	0.60	6.71	0.01	0.04	6.60	0.40	0.60	6.70	0.01	0.04
6.61	0.40	0.60	6.70	0.01	0.04	6.62	0.40	0.60	6.69	0.01	0.04
6.63	0.40	0.60	6.68	0.01	0.04	6.64	0.47	0.53	6.68	0.01	0.04
6.65	0.47	0.53	6.67	0.01	0.04	6.66	0.47	0.53	6.67	0.01	0.04
6.67	0.47	0.53	6.67	0.01	0.04	6.68	0.47	0.53	6.66	0.01	0.04
6.69	0.47	0.53	6.66	0.01	0.04	6.70	0.46	0.54	6.65	0.01	0.04
6.71	0.39	0.61	6.64	0.01	0.04	6.72	0.38	0.62	6.64	0.01	0.04
6.73	0.38	0.62	6.63	0.01	0.04	6.74	0.38	0.62	6.63	0.01	0.04
6.75	0.38	0.62	6.63	0.01	0.04	6.76	0.38	0.62	6.62	0.01	0.04
6.77	0.37	0.63	6.62	0.01	0.04	6.78	0.37	0.63	6.61	0.01	0.04
6.79	0.37	0.63	6.61	0.01	0.04	6.80	0.36	0.64	6.60	0.01	0.04
6.81	0.42	0.58	6.59	0.01	0.04	6.82	0.42	0.58	6.59	0.01	0.04
6.83	0.42	0.58	6.58	0.01	0.04	6.84	0.42	0.58	6.58	0.01	0.04
6.85	0.42	0.58	6.58	0.01	0.04	6.86	0.43	0.57	6.57	0.01	0.04
6.87	0.44	0.56	6.57	0.01	0.04	6.88	0.46	0.54	6.56	0.01	0.04
6.89	0.49	0.51	6.55	0.01	0.03	6.90	0.52	0.48	6.55	0.01	0.03
6.91	0.54	0.46	6.54	0.01	0.03	6.92	0.53	0.47	6.54	0.01	0.03
6.93	0.52	0.48	6.54	0.01	0.03	6.94	0.51	0.49	6.53	0.01	0.03
6.95	0.50	0.50	6.53	0.01	0.03	6.96	0.49	0.51	6.52	0.01	0.03
6.97	0.47	0.53	6.51	0.01	0.03	6.98	0.46	0.54	6.51	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.99	0.46	0.54	6.50	0.01	0.03	7.00	0.48	0.52	6.50	0.01	0.03
7.01	0.50	0.50	6.50	0.01	0.03	7.02	0.51	0.49	6.49	0.01	0.03
7.03	0.51	0.49	6.49	0.01	0.03	7.04	0.50	0.50	6.48	0.01	0.03
7.05	0.50	0.50	6.47	0.01	0.03	7.06	0.50	0.50	6.47	0.01	0.03
7.07	0.50	0.50	6.46	0.01	0.03	7.08	0.49	0.51	6.46	0.01	0.03
7.09	0.49	0.51	6.46	0.01	0.03	7.10	0.42	0.58	6.45	0.01	0.04
7.11	0.42	0.58	6.45	0.01	0.04	7.12	0.42	0.58	6.44	0.01	0.04
7.13	0.42	0.58	6.43	0.01	0.04	7.14	0.42	0.58	6.43	0.01	0.04
7.15	0.42	0.58	6.42	0.01	0.04	7.16	0.42	0.58	6.42	0.01	0.04
7.17	0.42	0.58	6.42	0.01	0.04	7.18	0.42	0.58	6.41	0.01	0.04
7.19	0.42	0.58	6.41	0.01	0.04	7.20	0.42	0.58	6.40	0.01	0.04
7.21	0.43	0.57	6.39	0.01	0.04	7.22	0.43	0.57	6.39	0.01	0.04
7.23	0.44	0.56	6.38	0.01	0.04	7.24	0.44	0.56	6.38	0.01	0.04
7.25	0.44	0.56	6.38	0.01	0.04	7.26	0.45	0.55	6.37	0.01	0.04
7.27	0.45	0.55	6.37	0.01	0.04	7.28	0.45	0.55	6.36	0.01	0.04
7.29	0.44	0.56	6.36	0.01	0.04	7.30	0.44	0.56	6.35	0.01	0.04
7.31	0.44	0.56	6.34	0.01	0.04	7.32	0.43	0.57	6.34	0.01	0.04
7.33	0.43	0.57	6.33	0.01	0.04	7.34	0.43	0.57	6.33	0.01	0.04
7.35	0.43	0.57	6.33	0.01	0.04	7.36	0.43	0.57	6.32	0.01	0.04
7.37	0.43	0.57	6.32	0.01	0.04	7.38	0.42	0.58	6.31	0.01	0.04
7.39	0.42	0.58	6.30	0.01	0.04	7.40	0.42	0.58	6.30	0.01	0.04
7.41	0.41	0.59	6.29	0.01	0.04	7.42	0.41	0.59	6.29	0.01	0.04
7.43	0.47	0.53	6.29	0.01	0.03	7.44	0.46	0.54	6.28	0.01	0.03
7.45	0.46	0.54	6.28	0.01	0.03	7.46	0.41	0.59	6.27	0.01	0.04
7.47	0.41	0.59	6.26	0.01	0.04	7.48	0.41	0.59	6.26	0.01	0.04
7.49	0.42	0.58	6.25	0.01	0.04	7.50	0.42	0.58	6.25	0.01	0.04
7.51	0.49	0.51	6.25	0.01	0.03	7.52	0.50	0.50	6.24	0.01	0.03
7.53	0.50	0.50	6.24	0.01	0.03	7.54	0.50	0.50	6.23	0.01	0.03
7.55	0.50	0.50	6.22	0.01	0.03	7.56	0.49	0.51	6.22	0.01	0.03
7.57	0.49	0.51	6.21	0.01	0.03	7.58	0.48	0.52	6.21	0.01	0.03
7.59	0.43	0.57	6.21	0.01	0.04	7.60	0.43	0.57	6.20	0.01	0.04
7.61	0.44	0.56	6.20	0.01	0.03	7.62	0.45	0.55	6.19	0.01	0.03
7.63	0.45	0.55	6.18	0.01	0.03	7.64	0.44	0.56	6.18	0.01	0.03
7.65	0.51	0.49	6.17	0.01	0.03	7.66	0.51	0.49	6.17	0.01	0.03
7.67	0.50	0.50	6.17	0.01	0.03	7.68	0.49	0.51	6.16	0.01	0.03
7.69	0.49	0.51	6.16	0.01	0.03	7.70	0.49	0.51	6.15	0.01	0.03
7.71	0.49	0.51	6.14	0.01	0.03	7.72	0.49	0.51	6.14	0.01	0.03
7.73	0.51	0.49	6.13	0.01	0.03	7.74	0.53	0.47	6.13	0.01	0.03
7.75	0.55	0.45	6.13	0.01	0.03	7.76	0.56	0.44	6.12	0.01	0.03
7.77	0.57	0.43	6.12	0.01	0.03	7.78	0.57	0.43	6.11	0.01	0.03
7.79	0.57	0.43	6.11	0.01	0.03	7.80	0.56	0.44	6.10	0.01	0.03
7.81	0.56	0.44	6.09	0.01	0.03	7.82	0.48	0.52	6.09	0.01	0.03
7.83	0.49	0.51	6.08	0.01	0.03	7.84	0.49	0.51	6.08	0.01	0.03
7.85	0.50	0.50	6.08	0.01	0.03	7.86	0.50	0.50	6.07	0.01	0.03
7.87	0.51	0.49	6.07	0.01	0.03	7.88	0.51	0.49	6.06	0.01	0.03
7.89	0.51	0.49	6.05	0.01	0.03	7.90	0.51	0.49	6.05	0.01	0.03
7.91	0.52	0.48	6.04	0.01	0.03	7.92	0.52	0.48	6.04	0.01	0.03
7.93	0.52	0.48	6.04	0.01	0.03	7.94	0.52	0.48	6.03	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.95	0.52	0.48	6.03	0.01	0.03	7.96	0.52	0.48	6.02	0.01	0.03
7.97	0.52	0.48	6.01	0.01	0.03	7.98	0.52	0.48	6.01	0.01	0.03
7.99	0.53	0.47	6.00	0.01	0.03	8.00	0.53	0.47	6.00	0.01	0.03
8.01	0.52	0.48	6.00	0.01	0.03	8.02	0.52	0.48	5.99	0.01	0.03
8.03	0.51	0.49	5.99	0.01	0.03	8.04	0.51	0.49	5.98	0.01	0.03
8.05	0.50	0.50	5.97	0.01	0.03	8.06	0.50	0.50	5.97	0.01	0.03
8.07	0.49	0.51	5.96	0.01	0.03	8.08	0.49	0.51	5.96	0.01	0.03
8.09	0.48	0.52	5.96	0.01	0.03	8.10	0.56	0.44	5.95	0.01	0.03
8.11	0.55	0.45	5.95	0.01	0.03	8.12	0.55	0.45	5.94	0.01	0.03
8.13	0.54	0.46	5.93	0.01	0.03	8.14	0.53	0.47	5.93	0.01	0.03
8.15	0.53	0.47	5.92	0.01	0.03	8.16	0.53	0.47	5.92	0.01	0.03
8.17	0.53	0.47	5.92	0.01	0.03	8.18	0.53	0.47	5.91	0.01	0.03
8.19	0.55	0.45	5.91	0.01	0.03	8.20	0.57	0.43	5.90	0.01	0.03
8.21	0.59	0.41	5.89	0.01	0.02	8.22	0.61	0.39	5.89	0.01	0.02
8.23	0.62	0.38	5.88	0.01	0.02	8.24	0.62	0.38	5.88	0.01	0.02
8.25	0.62	0.38	5.88	0.01	0.02	8.26	0.62	0.38	5.87	0.01	0.02
8.27	0.62	0.38	5.87	0.01	0.02	8.28	0.53	0.47	5.86	0.01	0.03
8.29	0.54	0.46	5.86	0.01	0.03	8.30	0.55	0.45	5.85	0.01	0.03
8.31	0.56	0.44	5.84	0.01	0.03	8.32	0.56	0.44	5.84	0.01	0.03
8.33	0.57	0.43	5.83	0.01	0.03	8.34	0.56	0.44	5.83	0.01	0.03
8.35	0.56	0.44	5.83	0.01	0.03	8.36	0.55	0.45	5.82	0.01	0.03
8.37	0.54	0.46	5.82	0.01	0.03	8.38	0.53	0.47	5.81	0.01	0.03
8.39	0.52	0.48	5.80	0.01	0.03	8.40	0.50	0.50	5.80	0.01	0.03
8.41	0.49	0.51	5.79	0.01	0.03	8.42	0.49	0.51	5.79	0.01	0.03
8.43	0.56	0.44	5.79	0.01	0.03	8.44	0.56	0.44	5.78	0.01	0.03
8.45	0.55	0.45	5.78	0.01	0.03	8.46	0.55	0.45	5.77	0.01	0.03
8.47	0.54	0.46	5.76	0.01	0.03	8.48	0.54	0.46	5.76	0.01	0.03
8.49	0.53	0.47	5.75	0.01	0.03	8.50	0.52	0.48	5.75	0.01	0.03
8.51	0.51	0.49	5.75	0.01	0.03	8.52	0.50	0.50	5.74	0.01	0.03
8.53	0.49	0.51	5.74	0.01	0.03	8.54	0.49	0.51	5.73	0.01	0.03
8.55	0.48	0.52	5.72	0.01	0.03	8.56	0.48	0.52	5.72	0.01	0.03
8.57	0.49	0.51	5.71	0.01	0.03	8.58	0.51	0.49	5.71	0.01	0.03
8.59	0.52	0.48	5.71	0.01	0.03	8.60	0.53	0.47	5.70	0.01	0.03
8.61	0.55	0.45	5.70	0.01	0.03	8.62	0.56	0.44	5.69	0.01	0.02
8.63	0.56	0.44	5.68	0.01	0.03	8.64	0.54	0.46	5.68	0.01	0.03
8.65	0.53	0.47	5.67	0.01	0.03	8.66	0.52	0.48	5.67	0.01	0.03
8.67	0.52	0.48	5.67	0.01	0.03	8.68	0.52	0.48	5.66	0.01	0.03
8.69	0.52	0.48	5.66	0.01	0.03	8.70	0.51	0.49	5.65	0.01	0.03
8.71	0.49	0.51	5.64	0.01	0.03	8.72	0.48	0.52	5.64	0.01	0.03
8.73	0.46	0.54	5.63	0.01	0.03	8.74	0.46	0.54	5.63	0.01	0.03
8.75	0.46	0.54	5.63	0.01	0.03	8.76	0.45	0.55	5.62	0.01	0.03
8.77	0.38	0.62	5.62	0.01	0.03	8.78	0.38	0.62	5.61	0.01	0.03
8.79	0.38	0.62	5.61	0.01	0.03	8.80	0.38	0.62	5.60	0.01	0.03
8.81	0.44	0.56	5.59	0.01	0.03	8.82	0.44	0.56	5.59	0.01	0.03
8.83	0.44	0.56	5.58	0.01	0.03	8.84	0.45	0.55	5.58	0.01	0.03
8.85	0.46	0.54	5.58	0.01	0.03	8.86	0.47	0.53	5.57	0.01	0.03
8.87	0.49	0.51	5.57	0.01	0.03	8.88	0.49	0.51	5.56	0.01	0.03
8.89	0.49	0.51	5.55	0.01	0.03	8.90	0.48	0.52	5.55	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.91	0.47	0.53	5.54	0.01	0.03	8.92	0.46	0.54	5.54	0.01	0.03
8.93	0.45	0.55	5.54	0.01	0.03	8.94	0.45	0.55	5.53	0.01	0.03
8.95	0.46	0.54	5.53	0.01	0.03	8.96	0.48	0.52	5.52	0.01	0.03
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	0.66	0.34	5.50	0.01	0.02	9.02	0.62	0.38	5.49	0.01	0.02
9.03	0.59	0.41	5.49	0.01	0.02	9.04	0.58	0.42	5.48	0.01	0.02
9.05	0.59	0.41	5.47	0.01	0.02	9.06	0.59	0.41	5.47	0.01	0.02
9.07	0.58	0.42	5.46	0.01	0.02	9.08	0.56	0.44	5.46	0.01	0.02
9.09	0.55	0.45	5.46	0.01	0.02	9.10	0.54	0.46	5.45	0.01	0.03
9.11	0.53	0.47	5.45	0.01	0.03	9.12	0.52	0.48	5.44	0.01	0.03
9.13	0.52	0.48	5.43	0.01	0.03	9.14	0.44	0.56	5.43	0.01	0.03
9.15	0.44	0.56	5.42	0.01	0.03	9.16	0.45	0.55	5.42	0.01	0.03
9.17	0.45	0.55	5.42	0.01	0.03	9.18	0.52	0.48	5.41	0.01	0.03
9.19	0.53	0.47	5.41	0.01	0.03	9.20	0.53	0.47	5.40	0.01	0.03
9.21	0.53	0.47	5.39	0.01	0.03	9.22	0.52	0.48	5.39	0.01	0.03
9.23	0.51	0.49	5.38	0.01	0.03	9.24	0.50	0.50	5.38	0.01	0.03
9.25	0.49	0.51	5.38	0.01	0.03	9.26	0.50	0.50	5.37	0.01	0.03
9.27	0.51	0.49	5.37	0.01	0.03	9.28	0.52	0.48	5.36	0.01	0.03
9.29	0.53	0.47	5.36	0.01	0.03	9.30	0.54	0.46	5.35	0.01	0.02
9.31	0.55	0.45	5.34	0.01	0.02	9.32	0.56	0.44	5.34	0.01	0.02
9.33	0.56	0.44	5.33	0.01	0.02	9.34	0.56	0.44	5.33	0.01	0.02
9.35	0.57	0.43	5.33	0.01	0.02	9.36	0.56	0.44	5.32	0.01	0.02
9.37	0.56	0.44	5.32	0.01	0.02	9.38	0.55	0.45	5.31	0.01	0.02
9.39	0.55	0.45	5.30	0.01	0.02	9.40	0.54	0.46	5.30	0.01	0.02
9.41	0.54	0.46	5.29	0.01	0.02	9.42	0.46	0.54	5.29	0.01	0.03
9.43	0.46	0.54	5.29	0.01	0.03	9.44	0.45	0.55	5.28	0.01	0.03
9.45	0.45	0.55	5.28	0.01	0.03	9.46	0.45	0.55	5.27	0.01	0.03
9.47	0.45	0.55	5.26	0.01	0.03	9.48	0.45	0.55	5.26	0.01	0.03
9.49	0.44	0.56	5.25	0.01	0.03	9.50	0.44	0.56	5.25	0.01	0.03
9.51	0.44	0.56	5.25	0.01	0.03	9.52	0.43	0.57	5.24	0.01	0.03
9.53	0.50	0.50	5.24	0.01	0.03	9.54	0.49	0.51	5.23	0.01	0.03
9.55	0.49	0.51	5.22	0.01	0.03	9.56	0.49	0.51	5.22	0.01	0.03
9.57	0.49	0.51	5.21	0.01	0.03	9.58	0.42	0.58	5.21	0.01	0.03
9.59	0.42	0.58	5.21	0.01	0.03	9.60	0.43	0.57	5.20	0.01	0.03
9.61	0.42	0.58	5.20	0.01	0.03	9.62	0.42	0.58	5.19	0.01	0.03
9.63	0.42	0.58	5.18	0.01	0.03	9.64	0.42	0.58	5.18	0.01	0.03
9.65	0.42	0.58	5.17	0.01	0.03	9.66	0.41	0.59	5.17	0.01	0.03
9.67	0.41	0.59	5.17	0.01	0.03	9.68	0.40	0.60	5.16	0.01	0.03
9.69	0.40	0.60	5.16	0.01	0.03	9.70	0.40	0.60	5.15	0.01	0.03
9.71	0.40	0.60	5.14	0.01	0.03	9.72	0.40	0.60	5.14	0.01	0.03
9.73	0.41	0.59	5.13	0.01	0.03	9.74	0.41	0.59	5.13	0.01	0.03
9.75	0.47	0.53	5.13	0.01	0.03	9.76	0.48	0.52	5.12	0.01	0.03
9.77	0.49	0.51	5.12	0.01	0.03	9.78	0.49	0.51	5.11	0.01	0.03
9.79	0.48	0.52	5.11	0.01	0.03	9.80	0.48	0.52	5.10	0.01	0.03
9.81	0.47	0.53	5.09	0.01	0.03	9.82	0.47	0.53	5.09	0.01	0.03
9.83	0.46	0.54	5.08	0.01	0.03	9.84	0.46	0.54	5.08	0.01	0.03
9.85	0.48	0.52	5.08	0.01	0.03	9.86	0.50	0.50	5.07	0.01	0.03



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.87	0.51	0.49	5.07	0.01	0.02	9.88	0.50	0.50	5.06	0.01	0.03
9.89	0.49	0.51	5.05	0.01	0.03	9.90	0.49	0.51	5.05	0.01	0.03
9.91	0.50	0.50	5.04	0.01	0.03	9.92	0.49	0.51	5.04	0.01	0.03
9.93	0.49	0.51	5.04	0.01	0.03	9.94	0.48	0.52	5.03	0.01	0.03
9.95	0.47	0.53	5.03	0.01	0.03	9.96	0.47	0.53	5.02	0.01	0.03
9.97	0.48	0.52	5.01	0.01	0.03	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	0.54	0.46	4.95	0.01	0.02	10.12	0.51	0.49	4.94	0.01	0.02
10.13	0.50	0.50	4.93	0.01	0.02	10.14	0.50	0.50	4.93	0.01	0.02
10.15	0.50	0.50	4.92	0.01	0.02	10.16	0.50	0.50	4.92	0.01	0.02
10.17	0.49	0.51	4.92	0.01	0.02	10.18	0.49	0.51	4.91	0.01	0.02
10.19	0.49	0.51	4.91	0.01	0.02	10.20	0.49	0.51	4.90	0.01	0.03
10.21	0.48	0.52	4.89	0.01	0.03	10.22	0.47	0.53	4.89	0.01	0.03
10.23	0.46	0.54	4.88	0.01	0.03	10.24	0.46	0.54	4.88	0.01	0.03
10.25	0.48	0.52	4.88	0.01	0.03	10.26	0.49	0.51	4.87	0.01	0.02
10.27	0.51	0.49	4.87	0.01	0.02	10.28	0.51	0.49	4.86	0.01	0.02
10.29	0.51	0.49	4.86	0.01	0.02	10.30	0.51	0.49	4.85	0.01	0.02
10.31	0.51	0.49	4.84	0.01	0.02	10.32	0.50	0.50	4.84	0.01	0.02
10.33	0.50	0.50	4.83	0.01	0.02	10.34	0.49	0.51	4.83	0.01	0.02
10.35	0.49	0.51	4.83	0.01	0.02	10.36	0.48	0.52	4.82	0.01	0.03
10.37	0.47	0.53	4.82	0.01	0.03	10.38	0.47	0.53	4.81	0.01	0.03
10.39	0.47	0.53	4.80	0.01	0.03	10.40	0.48	0.52	4.80	0.01	0.02
10.41	0.50	0.50	4.79	0.01	0.02	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	0.65	0.35	4.77	0.01	0.02
10.47	0.61	0.39	4.76	0.01	0.02	10.48	0.57	0.43	4.76	0.01	0.02
10.49	0.56	0.44	4.75	0.01	0.02	10.50	0.55	0.45	4.75	0.01	0.02
10.51	0.56	0.44	4.75	0.01	0.02	10.52	0.56	0.44	4.74	0.01	0.02
10.53	0.55	0.45	4.74	0.01	0.02	10.54	0.55	0.45	4.73	0.01	0.02
10.55	0.54	0.46	4.72	0.01	0.02	10.56	0.54	0.46	4.72	0.01	0.02
10.57	0.46	0.54	4.71	0.01	0.03	10.58	0.46	0.54	4.71	0.01	0.03
10.59	0.45	0.55	4.71	0.01	0.03	10.60	0.44	0.56	4.70	0.01	0.03
10.61	0.43	0.57	4.70	0.01	0.03	10.62	0.48	0.52	4.69	0.01	0.02
10.63	0.47	0.53	4.68	0.01	0.02	10.64	0.47	0.53	4.68	0.01	0.02
10.65	0.47	0.53	4.67	0.01	0.02	10.66	0.48	0.52	4.67	0.01	0.02
10.67	0.50	0.50	4.67	0.01	0.02	10.68	0.52	0.48	4.66	0.01	0.02
10.69	0.53	0.47	4.66	0.01	0.02	10.70	0.52	0.48	4.65	0.01	0.02
10.71	0.51	0.49	4.64	0.01	0.02	10.72	0.51	0.49	4.64	0.01	0.02
10.73	0.52	0.48	4.63	0.01	0.02	10.74	0.53	0.47	4.63	0.01	0.02
10.75	0.53	0.47	4.63	0.01	0.02	10.76	0.53	0.47	4.62	0.01	0.02
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	0.38	0.62	3.83	0.01	0.02	12.34	0.39	0.61	3.83	0.01	0.02
12.35	0.31	0.69	3.83	0.01	0.03	12.36	0.31	0.69	3.82	0.01	0.03
12.37	0.40	0.60	3.81	0.01	0.02	12.38	0.41	0.59	3.81	0.01	0.02
12.39	0.42	0.58	3.81	0.01	0.02	12.40	0.44	0.56	3.80	0.01	0.02
12.41	0.46	0.54	3.79	0.01	0.02	12.42	0.48	0.52	3.79	0.01	0.02
12.43	0.47	0.53	3.79	0.01	0.02	12.44	0.47	0.53	3.78	0.01	0.02
12.45	0.48	0.52	3.77	0.01	0.02	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	0.54	0.46	3.16	0.01	0.01
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.71	2.00	0.00	3.15	0.01	0.00	13.72	2.00	0.00	3.14	0.01	0.00
13.73	2.00	0.00	3.13	0.01	0.00	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	2.00	0.00	3.10	0.01	0.00
13.81	2.00	0.00	3.10	0.01	0.00	13.82	2.00	0.00	3.09	0.01	0.00
13.83	2.00	0.00	3.08	0.01	0.00	13.84	2.00	0.00	3.08	0.01	0.00
13.85	2.00	0.00	3.08	0.01	0.00	13.86	2.00	0.00	3.07	0.01	0.00
13.87	2.00	0.00	3.06	0.01	0.00	13.88	2.00	0.00	3.06	0.01	0.00
13.89	2.00	0.00	3.06	0.01	0.00	13.90	2.00	0.00	3.05	0.01	0.00
13.91	2.00	0.00	3.04	0.01	0.00	13.92	2.00	0.00	3.04	0.01	0.00
13.93	2.00	0.00	3.04	0.01	0.00	13.94	2.00	0.00	3.03	0.01	0.00
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	2.00	0.00	2.96	0.01	0.00	14.08	2.00	0.00	2.96	0.01	0.00
14.09	2.00	0.00	2.96	0.01	0.00	14.10	2.00	0.00	2.95	0.01	0.00
14.11	2.00	0.00	2.94	0.01	0.00	14.12	2.00	0.00	2.94	0.01	0.00
14.13	2.00	0.00	2.94	0.01	0.00	14.14	2.00	0.00	2.93	0.01	0.00
14.15	2.00	0.00	2.92	0.01	0.00	14.16	2.00	0.00	2.92	0.01	0.00
14.17	2.00	0.00	2.92	0.01	0.00	14.18	2.00	0.00	2.91	0.01	0.00
14.19	2.00	0.00	2.90	0.01	0.00	14.20	2.00	0.00	2.90	0.01	0.00
14.21	2.00	0.00	2.90	0.01	0.00	14.22	2.00	0.00	2.89	0.01	0.00
14.23	2.00	0.00	2.88	0.01	0.00	14.24	0.43	0.57	2.88	0.01	0.02
14.25	0.44	0.56	2.88	0.01	0.02	14.26	0.45	0.55	2.87	0.01	0.02
14.27	0.45	0.55	2.87	0.01	0.02	14.28	0.45	0.55	2.86	0.01	0.02
14.29	0.36	0.64	2.85	0.01	0.02	14.30	0.46	0.54	2.85	0.01	0.02
14.31	0.47	0.53	2.85	0.01	0.02	14.32	0.48	0.52	2.84	0.01	0.01
14.33	0.48	0.52	2.83	0.01	0.01	14.34	0.50	0.50	2.83	0.01	0.01
14.35	0.52	0.48	2.83	0.01	0.01	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	0.63	0.37	2.77	0.01	0.01
14.47	0.62	0.38	2.77	0.01	0.01	14.48	0.64	0.36	2.76	0.01	0.01
14.49	0.67	0.33	2.75	0.01	0.01	14.50	0.71	0.29	2.75	0.01	0.01
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00

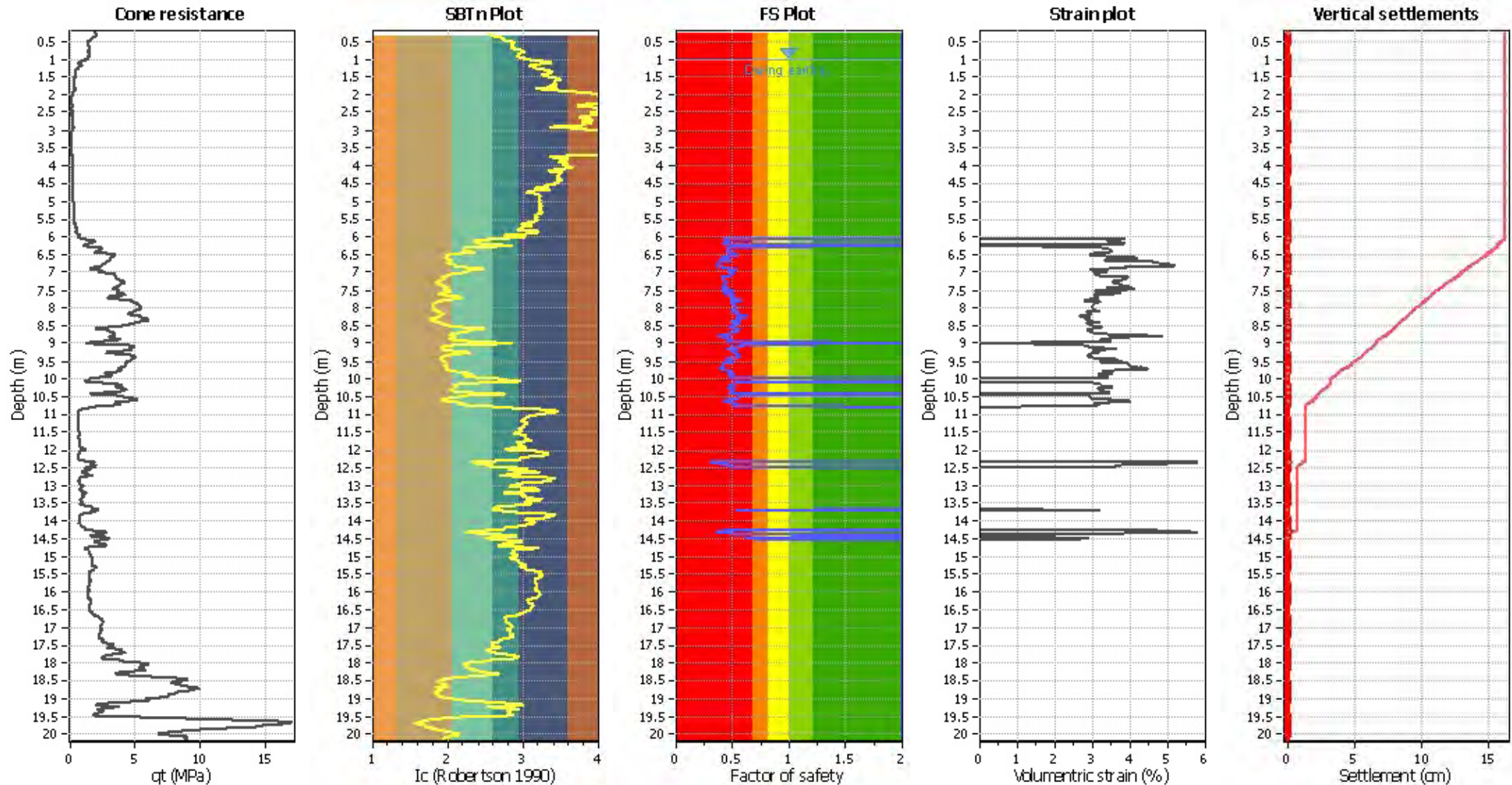
**Overall liquefaction potential: 13.89**

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<sub>L</sub>: 1 - FS  
 w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
 d<sub>z</sub>: Layer thickness (m)  
 LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- q<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

:: Post-earthquake settlement due to soil liquefaction ::											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	147.21	2.00	0.00	1.00	0.00	1.01	147.22	2.00	0.00	1.00	0.00
1.02	146.37	2.00	0.00	1.00	0.00	1.03	145.23	2.00	0.00	1.00	0.00
1.04	143.87	2.00	0.00	1.00	0.00	1.05	142.62	2.00	0.00	1.00	0.00
1.06	141.03	2.00	0.00	1.00	0.00	1.07	139.53	2.00	0.00	1.00	0.00
1.08	137.53	2.00	0.00	1.00	0.00	1.09	134.76	2.00	0.00	1.00	0.00
1.10	131.88	2.00	0.00	1.00	0.00	1.11	128.82	2.00	0.00	1.00	0.00
1.12	126.58	2.00	0.00	1.00	0.00	1.13	124.95	2.00	0.00	1.00	0.00
1.14	123.04	2.00	0.00	1.00	0.00	1.15	120.19	2.00	0.00	1.00	0.00
1.16	116.32	2.00	0.00	1.00	0.00	1.17	113.28	2.00	0.00	1.00	0.00
1.18	109.68	2.00	0.00	1.00	0.00	1.19	104.70	2.00	0.00	1.00	0.00
1.20	99.38	2.00	0.00	1.00	0.00	1.21	94.47	2.00	0.00	1.00	0.00
1.22	91.43	2.00	0.00	1.00	0.00	1.23	88.95	2.00	0.00	1.00	0.00
1.24	85.90	2.00	0.00	1.00	0.00	1.25	82.97	2.00	0.00	1.00	0.00
1.26	80.23	2.00	0.00	1.00	0.00	1.27	78.51	2.00	0.00	1.00	0.00
1.28	77.06	2.00	0.00	1.00	0.00	1.29	75.86	2.00	0.00	1.00	0.00
1.30	75.05	2.00	0.00	1.00	0.00	1.31	74.69	2.00	0.00	1.00	0.00
1.32	74.46	2.00	0.00	1.00	0.00	1.33	74.29	2.00	0.00	1.00	0.00
1.34	73.88	2.00	0.00	1.00	0.00	1.35	73.51	2.00	0.00	1.00	0.00
1.36	72.97	2.00	0.00	1.00	0.00	1.37	72.16	2.00	0.00	1.00	0.00
1.38	70.96	2.00	0.00	1.00	0.00	1.39	69.74	2.00	0.00	1.00	0.00
1.40	68.69	2.00	0.00	1.00	0.00	1.41	67.95	2.00	0.00	1.00	0.00
1.42	67.19	2.00	0.00	1.00	0.00	1.43	66.67	2.00	0.00	1.00	0.00
1.44	66.06	2.00	0.00	1.00	0.00	1.45	65.63	2.00	0.00	1.00	0.00
1.46	65.24	2.00	0.00	1.00	0.00	1.47	64.77	2.00	0.00	1.00	0.00
1.48	64.35	2.00	0.00	1.00	0.00	1.49	63.83	2.00	0.00	1.00	0.00
1.50	63.52	2.00	0.00	1.00	0.00	1.51	63.31	2.00	0.00	1.00	0.00
1.52	63.22	2.00	0.00	1.00	0.00	1.53	63.24	2.00	0.00	1.00	0.00
1.54	63.10	2.00	0.00	1.00	0.00	1.55	62.83	2.00	0.00	1.00	0.00
1.56	62.43	2.00	0.00	1.00	0.00	1.57	61.90	2.00	0.00	1.00	0.00
1.58	61.42	2.00	0.00	1.00	0.00	1.59	60.79	2.00	0.00	1.00	0.00
1.60	60.29	2.00	0.00	1.00	0.00	1.61	59.67	2.00	0.00	1.00	0.00
1.62	58.84	2.00	0.00	1.00	0.00	1.63	58.11	2.00	0.00	1.00	0.00
1.64	57.28	2.00	0.00	1.00	0.00	1.65	56.57	2.00	0.00	1.00	0.00
1.66	55.76	2.00	0.00	1.00	0.00	1.67	54.89	2.00	0.00	1.00	0.00
1.68	54.22	2.00	0.00	1.00	0.00	1.69	53.69	2.00	0.00	1.00	0.00
1.70	53.46	2.00	0.00	1.00	0.00	1.71	53.36	2.00	0.00	1.00	0.00
1.72	51.60	2.00	0.00	1.00	0.00	1.73	50.83	2.00	0.00	1.00	0.00
1.74	50.02	2.00	0.00	1.00	0.00	1.75	51.12	2.00	0.00	1.00	0.00
1.76	51.08	2.00	0.00	1.00	0.00	1.77	51.35	2.00	0.00	1.00	0.00
1.78	51.68	2.00	0.00	1.00	0.00	1.79	52.14	2.00	0.00	1.00	0.00
1.80	52.00	2.00	0.00	1.00	0.00	1.81	51.79	2.00	0.00	1.00	0.00
1.82	51.26	2.00	0.00	1.00	0.00	1.83	51.51	2.00	0.00	1.00	0.00
1.84	52.41	2.00	0.00	1.00	0.00	1.85	53.04	2.00	0.00	1.00	0.00
1.86	53.76	2.00	0.00	1.00	0.00	1.87	53.77	2.00	0.00	1.00	0.00
1.88	53.88	2.00	0.00	1.00	0.00	1.89	54.04	2.00	0.00	1.00	0.00
1.90	54.09	2.00	0.00	1.00	0.00	1.91	53.98	2.00	0.00	1.00	0.00
1.92	53.17	2.00	0.00	1.00	0.00	1.93	51.92	2.00	0.00	1.00	0.00
1.94	50.37	2.00	0.00	1.00	0.00	1.95	48.87	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	47.65	2.00	0.00	1.00	0.00	1.97	46.69	2.00	0.00	1.00	0.00
1.98	45.31	2.00	0.00	1.00	0.00	1.99	44.11	2.00	0.00	1.00	0.00
2.00	42.08	2.00	0.00	1.00	0.00	2.01	40.77	2.00	0.00	1.00	0.00
2.02	39.54	2.00	0.00	1.00	0.00	2.03	38.46	2.00	0.00	1.00	0.00
2.04	36.83	2.00	0.00	1.00	0.00	2.05	32.52	2.00	0.00	1.00	0.00
2.06	27.93	2.00	0.00	1.00	0.00	2.07	24.84	2.00	0.00	1.00	0.00
2.08	21.74	2.00	0.00	1.00	0.00	2.09	20.15	2.00	0.00	1.00	0.00
2.10	18.58	2.00	0.00	1.00	0.00	2.11	18.52	2.00	0.00	1.00	0.00
2.12	16.94	2.00	0.00	1.00	0.00	2.13	15.36	2.00	0.00	1.00	0.00
2.14	13.78	2.00	0.00	1.00	0.00	2.15	13.72	2.00	0.00	1.00	0.00
2.16	13.67	2.00	0.00	1.00	0.00	2.17	13.61	2.00	0.00	1.00	0.00
2.18	13.55	2.00	0.00	1.00	0.00	2.19	14.99	2.00	0.00	1.00	0.00
2.20	16.45	2.00	0.00	1.00	0.00	2.21	19.46	2.00	0.00	1.00	0.00
2.22	22.53	2.00	0.00	1.00	0.00	2.23	25.21	2.00	0.00	1.00	0.00
2.24	26.38	2.00	0.00	1.00	0.00	2.25	27.31	2.00	0.00	1.00	0.00
2.26	28.07	2.00	0.00	1.00	0.00	2.27	28.78	2.00	0.00	1.00	0.00
2.28	29.15	2.00	0.00	1.00	0.00	2.29	29.54	2.00	0.00	1.00	0.00
2.30	29.87	2.00	0.00	1.00	0.00	2.31	30.62	2.00	0.00	1.00	0.00
2.32	31.22	2.00	0.00	1.00	0.00	2.33	31.69	2.00	0.00	1.00	0.00
2.34	31.32	2.00	0.00	1.00	0.00	2.35	31.09	2.00	0.00	1.00	0.00
2.36	26.97	2.00	0.00	1.00	0.00	2.37	25.40	2.00	0.00	1.00	0.00
2.38	23.85	2.00	0.00	1.00	0.00	2.39	23.81	2.00	0.00	1.00	0.00
2.40	23.79	2.00	0.00	1.00	0.00	2.41	23.76	2.00	0.00	1.00	0.00
2.42	25.24	2.00	0.00	1.00	0.00	2.43	29.79	2.00	0.00	1.00	0.00
2.44	34.37	2.00	0.00	1.00	0.00	2.45	35.45	2.00	0.00	1.00	0.00
2.46	35.66	2.00	0.00	1.00	0.00	2.47	35.72	2.00	0.00	1.00	0.00
2.48	35.12	2.00	0.00	1.00	0.00	2.49	34.02	2.00	0.00	1.00	0.00
2.50	32.46	2.00	0.00	1.00	0.00	2.51	31.68	2.00	0.00	1.00	0.00
2.52	30.48	2.00	0.00	1.00	0.00	2.53	29.84	2.00	0.00	1.00	0.00
2.54	28.49	2.00	0.00	1.00	0.00	2.55	29.69	2.00	0.00	1.00	0.00
2.56	30.82	2.00	0.00	1.00	0.00	2.57	31.79	2.00	0.00	1.00	0.00
2.58	32.67	2.00	0.00	1.00	0.00	2.59	33.03	2.00	0.00	1.00	0.00
2.60	33.91	2.00	0.00	1.00	0.00	2.61	34.39	2.00	0.00	1.00	0.00
2.62	35.09	2.00	0.00	1.00	0.00	2.63	35.31	2.00	0.00	1.00	0.00
2.64	35.08	2.00	0.00	1.00	0.00	2.65	34.90	2.00	0.00	1.00	0.00
2.66	34.46	2.00	0.00	1.00	0.00	2.67	34.14	2.00	0.00	1.00	0.00
2.68	33.47	2.00	0.00	1.00	0.00	2.69	32.72	2.00	0.00	1.00	0.00
2.70	32.30	2.00	0.00	1.00	0.00	2.71	31.84	2.00	0.00	1.00	0.00
2.72	31.85	2.00	0.00	1.00	0.00	2.73	31.39	2.00	0.00	1.00	0.00
2.74	30.92	2.00	0.00	1.00	0.00	2.75	30.99	2.00	0.00	1.00	0.00
2.76	30.97	2.00	0.00	1.00	0.00	2.77	30.80	2.00	0.00	1.00	0.00
2.78	30.36	2.00	0.00	1.00	0.00	2.79	30.25	2.00	0.00	1.00	0.00
2.80	31.68	2.00	0.00	1.00	0.00	2.81	32.63	2.00	0.00	1.00	0.00
2.82	33.46	2.00	0.00	1.00	0.00	2.83	32.62	2.00	0.00	1.00	0.00
2.84	32.55	2.00	0.00	1.00	0.00	2.85	32.69	2.00	0.00	1.00	0.00
2.86	33.10	2.00	0.00	1.00	0.00	2.87	34.42	2.00	0.00	1.00	0.00
2.88	36.29	2.00	0.00	1.00	0.00	2.89	37.96	2.00	0.00	1.00	0.00
2.90	39.07	2.00	0.00	1.00	0.00	2.91	39.77	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
2.92	40.57	2.00	0.00	1.00	0.00	2.93	41.32	2.00	0.00	1.00	0.00
2.94	41.69	2.00	0.00	1.00	0.00	2.95	41.51	2.00	0.00	1.00	0.00
2.96	41.25	2.00	0.00	1.00	0.00	2.97	40.86	2.00	0.00	1.00	0.00
2.98	40.47	2.00	0.00	1.00	0.00	2.99	39.99	2.00	0.00	1.00	0.00
3.00	38.48	2.00	0.00	1.00	0.00	3.01	36.04	2.00	0.00	1.00	0.00
3.02	30.94	2.00	0.00	1.00	0.00	3.03	27.86	2.00	0.00	1.00	0.00
3.04	26.30	2.00	0.00	1.00	0.00	3.05	23.23	2.00	0.00	1.00	0.00
3.06	21.65	2.00	0.00	1.00	0.00	3.07	18.56	2.00	0.00	1.00	0.00
3.08	16.98	2.00	0.00	1.00	0.00	3.09	15.39	2.00	0.00	1.00	0.00
3.10	15.29	2.00	0.00	1.00	0.00	3.11	16.71	2.00	0.00	1.00	0.00
3.12	18.12	2.00	0.00	1.00	0.00	3.13	19.54	2.00	0.00	1.00	0.00
3.14	20.98	2.00	0.00	1.00	0.00	3.15	22.44	2.00	0.00	1.00	0.00
3.16	23.95	2.00	0.00	1.00	0.00	3.17	22.47	2.00	0.00	1.00	0.00
3.18	20.99	2.00	0.00	1.00	0.00	3.19	21.01	2.00	0.00	1.00	0.00
3.20	24.09	2.00	0.00	1.00	0.00	3.21	25.94	2.00	0.00	1.00	0.00
3.22	26.06	2.00	0.00	1.00	0.00	3.23	25.72	2.00	0.00	1.00	0.00
3.24	24.55	2.00	0.00	1.00	0.00	3.25	24.48	2.00	0.00	1.00	0.00
3.26	24.39	2.00	0.00	1.00	0.00	3.27	22.79	2.00	0.00	1.00	0.00
3.28	21.20	2.00	0.00	1.00	0.00	3.29	19.62	2.00	0.00	1.00	0.00
3.30	18.03	2.00	0.00	1.00	0.00	3.31	16.44	2.00	0.00	1.00	0.00
3.32	14.85	2.00	0.00	1.00	0.00	3.33	14.77	2.00	0.00	1.00	0.00
3.34	13.19	2.00	0.00	1.00	0.00	3.35	11.60	2.00	0.00	1.00	0.00
3.36	10.01	2.00	0.00	1.00	0.00	3.37	9.93	2.00	0.00	1.00	0.00
3.38	9.85	2.00	0.00	1.00	0.00	3.39	11.28	2.00	0.00	1.00	0.00
3.40	12.71	2.00	0.00	1.00	0.00	3.41	14.15	2.00	0.00	1.00	0.00
3.42	14.08	2.00	0.00	1.00	0.00	3.43	15.53	2.00	0.00	1.00	0.00
3.44	16.98	2.00	0.00	1.00	0.00	3.45	18.42	2.00	0.00	1.00	0.00
3.46	18.35	2.00	0.00	1.00	0.00	3.47	18.29	2.00	0.00	1.00	0.00
3.48	18.23	2.00	0.00	1.00	0.00	3.49	19.62	2.00	0.00	1.00	0.00
3.50	19.54	2.00	0.00	1.00	0.00	3.51	19.51	2.00	0.00	1.00	0.00
3.52	17.93	2.00	0.00	1.00	0.00	3.53	17.85	2.00	0.00	1.00	0.00
3.54	16.25	2.00	0.00	1.00	0.00	3.55	14.66	2.00	0.00	1.00	0.00
3.56	13.07	2.00	0.00	1.00	0.00	3.57	13.00	2.00	0.00	1.00	0.00
3.58	12.94	2.00	0.00	1.00	0.00	3.59	12.89	2.00	0.00	1.00	0.00
3.60	12.86	2.00	0.00	1.00	0.00	3.61	14.33	2.00	0.00	1.00	0.00
3.62	15.81	2.00	0.00	1.00	0.00	3.63	17.25	2.00	0.00	1.00	0.00
3.64	17.19	2.00	0.00	1.00	0.00	3.65	17.11	2.00	0.00	1.00	0.00
3.66	17.04	2.00	0.00	1.00	0.00	3.67	16.97	2.00	0.00	1.00	0.00
3.68	16.92	2.00	0.00	1.00	0.00	3.69	16.88	2.00	0.00	1.00	0.00
3.70	16.83	2.00	0.00	1.00	0.00	3.71	19.42	2.00	0.00	1.00	0.00
3.72	18.86	2.00	0.00	1.00	0.00	3.73	15.83	2.00	0.00	1.00	0.00
3.74	15.74	2.00	0.00	1.00	0.00	3.75	15.64	2.00	0.00	1.00	0.00
3.76	15.96	2.00	0.00	1.00	0.00	3.77	16.57	2.00	0.00	1.00	0.00
3.78	17.40	2.00	0.00	1.00	0.00	3.79	17.82	2.00	0.00	1.00	0.00
3.80	18.13	2.00	0.00	1.00	0.00	3.81	18.17	2.00	0.00	1.00	0.00
3.82	18.23	2.00	0.00	1.00	0.00	3.83	18.11	2.00	0.00	1.00	0.00
3.84	18.05	2.00	0.00	1.00	0.00	3.85	18.26	2.00	0.00	1.00	0.00
3.86	18.43	2.00	0.00	1.00	0.00	3.87	18.45	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	18.23	2.00	0.00	1.00	0.00	3.89	17.99	2.00	0.00	1.00	0.00
3.90	17.82	2.00	0.00	1.00	0.00	3.91	17.82	2.00	0.00	1.00	0.00
3.92	18.24	2.00	0.00	1.00	0.00	3.93	18.37	2.00	0.00	1.00	0.00
3.94	18.33	2.00	0.00	1.00	0.00	3.95	17.95	2.00	0.00	1.00	0.00
3.96	17.97	2.00	0.00	1.00	0.00	3.97	17.76	2.00	0.00	1.00	0.00
3.98	17.70	2.00	0.00	1.00	0.00	3.99	17.57	2.00	0.00	1.00	0.00
4.00	17.71	2.00	0.00	1.00	0.00	4.01	17.77	2.00	0.00	1.00	0.00
4.02	17.40	2.00	0.00	1.00	0.00	4.03	16.94	2.00	0.00	1.00	0.00
4.04	16.42	2.00	0.00	1.00	0.00	4.05	15.92	2.00	0.00	1.00	0.00
4.06	15.67	2.00	0.00	1.00	0.00	4.07	15.51	2.00	0.00	1.00	0.00
4.08	15.86	2.00	0.00	1.00	0.00	4.09	16.00	2.00	0.00	1.00	0.00
4.10	16.23	2.00	0.00	1.00	0.00	4.11	16.53	2.00	0.00	1.00	0.00
4.12	17.12	2.00	0.00	1.00	0.00	4.13	17.61	2.00	0.00	1.00	0.00
4.14	18.07	2.00	0.00	1.00	0.00	4.15	18.43	2.00	0.00	1.00	0.00
4.16	18.86	2.00	0.00	1.00	0.00	4.17	18.82	2.00	0.00	1.00	0.00
4.18	18.67	2.00	0.00	1.00	0.00	4.19	18.25	2.00	0.00	1.00	0.00
4.20	18.11	2.00	0.00	1.00	0.00	4.21	17.96	2.00	0.00	1.00	0.00
4.22	17.95	2.00	0.00	1.00	0.00	4.23	17.94	2.00	0.00	1.00	0.00
4.24	17.94	2.00	0.00	1.00	0.00	4.25	17.93	2.00	0.00	1.00	0.00
4.26	17.93	2.00	0.00	1.00	0.00	4.27	17.92	2.00	0.00	1.00	0.00
4.28	17.69	2.00	0.00	1.00	0.00	4.29	17.44	2.00	0.00	1.00	0.00
4.30	17.19	2.00	0.00	1.00	0.00	4.31	17.18	2.00	0.00	1.00	0.00
4.32	17.07	2.00	0.00	1.00	0.00	4.33	17.07	2.00	0.00	1.00	0.00
4.34	17.33	2.00	0.00	1.00	0.00	4.35	17.57	2.00	0.00	1.00	0.00
4.36	17.94	2.00	0.00	1.00	0.00	4.37	18.01	2.00	0.00	1.00	0.00
4.38	18.33	2.00	0.00	1.00	0.00	4.39	18.46	2.00	0.00	1.00	0.00
4.40	18.90	2.00	0.00	1.00	0.00	4.41	19.25	2.00	0.00	1.00	0.00
4.42	19.67	2.00	0.00	1.00	0.00	4.43	19.92	2.00	0.00	1.00	0.00
4.44	20.06	2.00	0.00	1.00	0.00	4.45	19.94	2.00	0.00	1.00	0.00
4.46	19.76	2.00	0.00	1.00	0.00	4.47	19.63	2.00	0.00	1.00	0.00
4.48	19.99	2.00	0.00	1.00	0.00	4.49	20.34	2.00	0.00	1.00	0.00
4.50	20.73	2.00	0.00	1.00	0.00	4.51	20.79	2.00	0.00	1.00	0.00
4.52	20.84	2.00	0.00	1.00	0.00	4.53	21.19	2.00	0.00	1.00	0.00
4.54	21.60	2.00	0.00	1.00	0.00	4.55	21.94	2.00	0.00	1.00	0.00
4.56	22.45	2.00	0.00	1.00	0.00	4.57	22.56	2.00	0.00	1.00	0.00
4.58	22.63	2.00	0.00	1.00	0.00	4.59	22.44	2.00	0.00	1.00	0.00
4.60	22.52	2.00	0.00	1.00	0.00	4.61	22.88	2.00	0.00	1.00	0.00
4.62	22.68	2.00	0.00	1.00	0.00	4.63	22.18	2.00	0.00	1.00	0.00
4.64	21.92	2.00	0.00	1.00	0.00	4.65	21.94	2.00	0.00	1.00	0.00
4.66	22.13	2.00	0.00	1.00	0.00	4.67	22.06	2.00	0.00	1.00	0.00
4.68	22.05	2.00	0.00	1.00	0.00	4.69	22.17	2.00	0.00	1.00	0.00
4.70	21.30	2.00	0.00	1.00	0.00	4.71	20.14	2.00	0.00	1.00	0.00
4.72	18.82	2.00	0.00	1.00	0.00	4.73	18.90	2.00	0.00	1.00	0.00
4.74	19.08	2.00	0.00	1.00	0.00	4.75	19.38	2.00	0.00	1.00	0.00
4.76	19.33	2.00	0.00	1.00	0.00	4.77	20.11	2.00	0.00	1.00	0.00
4.78	21.10	2.00	0.00	1.00	0.00	4.79	22.20	2.00	0.00	1.00	0.00
4.80	22.55	2.00	0.00	1.00	0.00	4.81	23.20	2.00	0.00	1.00	0.00
4.82	23.58	2.00	0.00	1.00	0.00	4.83	23.72	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	23.42	2.00	0.00	1.00	0.00	4.85	23.86	2.00	0.00	1.00	0.00
4.86	23.86	2.00	0.00	1.00	0.00	4.87	23.98	2.00	0.00	1.00	0.00
4.88	23.35	2.00	0.00	1.00	0.00	4.89	23.41	2.00	0.00	1.00	0.00
4.90	23.41	2.00	0.00	1.00	0.00	4.91	23.27	2.00	0.00	1.00	0.00
4.92	23.06	2.00	0.00	1.00	0.00	4.93	23.06	2.00	0.00	1.00	0.00
4.94	23.26	2.00	0.00	1.00	0.00	4.95	23.59	2.00	0.00	1.00	0.00
4.96	23.83	2.00	0.00	1.00	0.00	4.97	24.25	2.00	0.00	1.00	0.00
4.98	24.76	2.00	0.00	1.00	0.00	4.99	25.03	2.00	0.00	1.00	0.00
5.00	25.13	2.00	0.00	1.00	0.00	5.01	25.12	2.00	0.00	1.00	0.00
5.02	25.50	2.00	0.00	1.00	0.00	5.03	25.97	2.00	0.00	1.00	0.00
5.04	26.53	2.00	0.00	1.00	0.00	5.05	26.97	2.00	0.00	1.00	0.00
5.06	27.37	2.00	0.00	1.00	0.00	5.07	27.43	2.00	0.00	1.00	0.00
5.08	27.43	2.00	0.00	1.00	0.00	5.09	27.41	2.00	0.00	1.00	0.00
5.10	27.50	2.00	0.00	1.00	0.00	5.11	27.50	2.00	0.00	1.00	0.00
5.12	27.64	2.00	0.00	1.00	0.00	5.13	28.06	2.00	0.00	1.00	0.00
5.14	28.61	2.00	0.00	1.00	0.00	5.15	28.96	2.00	0.00	1.00	0.00
5.16	29.09	2.00	0.00	1.00	0.00	5.17	29.14	2.00	0.00	1.00	0.00
5.18	29.19	2.00	0.00	1.00	0.00	5.19	29.27	2.00	0.00	1.00	0.00
5.20	29.44	2.00	0.00	1.00	0.00	5.21	29.71	2.00	0.00	1.00	0.00
5.22	30.01	2.00	0.00	1.00	0.00	5.23	30.31	2.00	0.00	1.00	0.00
5.24	30.59	2.00	0.00	1.00	0.00	5.25	30.76	2.00	0.00	1.00	0.00
5.26	30.83	2.00	0.00	1.00	0.00	5.27	30.80	2.00	0.00	1.00	0.00
5.28	30.84	2.00	0.00	1.00	0.00	5.29	30.80	2.00	0.00	1.00	0.00
5.30	30.75	2.00	0.00	1.00	0.00	5.31	30.62	2.00	0.00	1.00	0.00
5.32	30.32	2.00	0.00	1.00	0.00	5.33	30.17	2.00	0.00	1.00	0.00
5.34	29.66	2.00	0.00	1.00	0.00	5.35	29.35	2.00	0.00	1.00	0.00
5.36	28.85	2.00	0.00	1.00	0.00	5.37	28.38	2.00	0.00	1.00	0.00
5.38	27.81	2.00	0.00	1.00	0.00	5.39	27.26	2.00	0.00	1.00	0.00
5.40	27.18	2.00	0.00	1.00	0.00	5.41	27.31	2.00	0.00	1.00	0.00
5.42	27.39	2.00	0.00	1.00	0.00	5.43	27.34	2.00	0.00	1.00	0.00
5.44	27.14	2.00	0.00	1.00	0.00	5.45	27.06	2.00	0.00	1.00	0.00
5.46	27.03	2.00	0.00	1.00	0.00	5.47	26.94	2.00	0.00	1.00	0.00
5.48	26.81	2.00	0.00	1.00	0.00	5.49	26.87	2.00	0.00	1.00	0.00
5.50	27.24	2.00	0.00	1.00	0.00	5.51	27.83	2.00	0.00	1.00	0.00
5.52	28.36	2.00	0.00	1.00	0.00	5.53	28.65	2.00	0.00	1.00	0.00
5.54	28.56	2.00	0.00	1.00	0.00	5.55	28.30	2.00	0.00	1.00	0.00
5.56	28.03	2.00	0.00	1.00	0.00	5.57	27.75	2.00	0.00	1.00	0.00
5.58	27.54	2.00	0.00	1.00	0.00	5.59	27.38	2.00	0.00	1.00	0.00
5.60	27.81	2.00	0.00	1.00	0.00	5.61	28.44	2.00	0.00	1.00	0.00
5.62	29.12	2.00	0.00	1.00	0.00	5.63	29.71	2.00	0.00	1.00	0.00
5.64	30.10	2.00	0.00	1.00	0.00	5.65	31.84	2.00	0.00	1.00	0.00
5.66	33.74	2.00	0.00	1.00	0.00	5.67	35.72	2.00	0.00	1.00	0.00
5.68	36.70	2.00	0.00	1.00	0.00	5.69	37.18	2.00	0.00	1.00	0.00
5.70	37.39	2.00	0.00	1.00	0.00	5.71	36.91	2.00	0.00	1.00	0.00
5.72	37.01	2.00	0.00	1.00	0.00	5.73	37.98	2.00	0.00	1.00	0.00
5.74	39.52	2.00	0.00	1.00	0.00	5.75	40.50	2.00	0.00	1.00	0.00
5.76	41.57	2.00	0.00	1.00	0.00	5.77	43.21	2.00	0.00	1.00	0.00
5.78	44.67	2.00	0.00	1.00	0.00	5.79	45.62	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	46.46	2.00	0.00	1.00	0.00	5.81	47.51	2.00	0.00	1.00	0.00
5.82	49.08	2.00	0.00	1.00	0.00	5.83	51.33	2.00	0.00	1.00	0.00
5.84	52.59	2.00	0.00	1.00	0.00	5.85	52.34	2.00	0.00	1.00	0.00
5.86	50.84	2.00	0.00	1.00	0.00	5.87	49.33	2.00	0.00	1.00	0.00
5.88	48.42	2.00	0.00	1.00	0.00	5.89	47.89	2.00	0.00	1.00	0.00
5.90	47.76	2.00	0.00	1.00	0.00	5.91	47.73	2.00	0.00	1.00	0.00
5.92	48.39	2.00	0.00	1.00	0.00	5.93	49.20	2.00	0.00	1.00	0.00
5.94	50.60	2.00	0.00	1.00	0.00	5.95	53.36	2.00	0.00	1.00	0.00
5.96	56.18	2.00	0.00	1.00	0.00	5.97	57.89	2.00	0.00	1.00	0.00
5.98	57.29	2.00	0.00	1.00	0.00	5.99	55.94	2.00	0.00	1.00	0.00
6.00	54.09	2.00	0.00	1.00	0.00	6.01	52.50	2.00	0.00	1.00	0.00
6.02	50.91	2.00	0.00	1.00	0.00	6.03	50.29	2.00	0.00	1.00	0.00
6.04	49.93	2.00	0.00	1.00	0.00	6.05	51.21	2.00	0.00	1.00	0.00
6.06	53.85	0.42	3.88	1.00	0.04	6.07	56.44	0.43	3.74	1.00	0.04
6.08	58.59	0.44	3.62	1.00	0.04	6.09	60.30	0.45	3.54	1.00	0.04
6.10	62.55	0.46	3.43	1.00	0.03	6.11	63.73	0.46	3.38	1.00	0.03
6.12	63.40	0.46	3.40	1.00	0.03	6.13	62.25	0.46	3.45	1.00	0.03
6.14	61.33	0.45	3.49	1.00	0.03	6.15	60.28	0.45	3.54	1.00	0.04
6.16	57.84	0.44	3.66	1.00	0.04	6.17	55.21	0.43	3.80	1.00	0.04
6.18	53.90	0.42	3.88	1.00	0.04	6.19	55.50	0.43	3.79	1.00	0.04
6.20	57.96	0.44	3.65	1.00	0.04	6.21	61.35	0.45	3.49	1.00	0.03
6.22	66.49	2.00	0.00	1.00	0.00	6.23	71.96	2.00	0.00	1.00	0.00
6.24	76.67	2.00	0.00	1.00	0.00	6.25	77.57	2.00	0.00	1.00	0.00
6.26	75.14	2.00	0.00	1.00	0.00	6.27	70.85	0.50	3.10	1.00	0.03
6.28	67.61	0.48	3.22	1.00	0.03	6.29	66.48	0.48	3.27	1.00	0.03
6.30	66.15	0.48	3.28	1.00	0.03	6.31	66.10	0.48	3.28	1.00	0.03
6.32	65.91	0.47	3.29	1.00	0.03	6.33	64.76	0.47	3.34	1.00	0.03
6.34	63.25	0.46	3.40	1.00	0.03	6.35	62.36	0.46	3.44	1.00	0.03
6.36	62.07	0.46	3.45	1.00	0.03	6.37	61.88	0.45	3.46	1.00	0.03
6.38	61.26	0.45	3.49	1.00	0.03	6.39	60.73	0.45	3.52	1.00	0.04
6.40	60.42	0.45	3.53	1.00	0.04	6.41	60.77	0.45	3.52	1.00	0.04
6.42	61.68	0.45	3.47	1.00	0.03	6.43	63.01	0.46	3.41	1.00	0.03
6.44	64.18	0.47	3.36	1.00	0.03	6.45	65.82	0.47	3.29	1.00	0.03
6.46	68.56	0.49	3.18	1.00	0.03	6.47	71.47	0.51	3.08	1.00	0.03
6.48	74.22	0.53	2.98	1.00	0.03	6.49	75.44	0.53	2.94	1.00	0.03
6.50	76.41	0.54	2.91	1.00	0.03	6.51	76.53	0.54	2.91	1.00	0.03
6.52	75.47	0.53	2.94	1.00	0.03	6.53	73.45	0.52	3.01	1.00	0.03
6.54	70.92	0.50	3.10	1.00	0.03	6.55	68.03	0.49	3.20	1.00	0.03
6.56	52.28	0.41	3.98	1.00	0.04	6.57	51.04	0.41	4.06	1.00	0.04
6.58	50.05	0.41	4.12	1.00	0.04	6.59	49.30	0.40	4.17	1.00	0.04
6.60	48.80	0.40	4.21	1.00	0.04	6.61	48.69	0.40	4.22	1.00	0.04
6.62	48.81	0.40	4.21	1.00	0.04	6.63	49.06	0.40	4.19	1.00	0.04
6.64	64.56	0.47	3.35	1.00	0.03	6.65	65.14	0.47	3.32	1.00	0.03
6.66	65.45	0.47	3.31	1.00	0.03	6.67	65.51	0.47	3.31	1.00	0.03
6.68	65.35	0.47	3.31	1.00	0.03	6.69	65.18	0.47	3.32	1.00	0.03
6.70	62.28	0.46	3.45	1.00	0.03	6.71	44.23	0.39	4.56	1.00	0.05
6.72	42.60	0.38	4.70	1.00	0.05	6.73	42.37	0.38	4.72	1.00	0.05
6.74	42.25	0.38	4.74	1.00	0.05	6.75	42.01	0.38	4.76	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	41.50	0.38	4.81	1.00	0.05	6.77	40.76	0.37	4.88	1.00	0.05
6.78	39.81	0.37	4.97	1.00	0.05	6.79	38.84	0.37	5.07	1.00	0.05
6.80	37.79	0.36	5.19	1.00	0.05	6.81	54.59	0.42	3.84	1.00	0.04
6.82	54.02	0.42	3.87	1.00	0.04	6.83	53.24	0.42	3.92	1.00	0.04
6.84	53.04	0.42	3.93	1.00	0.04	6.85	53.87	0.42	3.88	1.00	0.04
6.86	55.90	0.43	3.76	1.00	0.04	6.87	59.14	0.44	3.59	1.00	0.04
6.88	63.46	0.46	3.39	1.00	0.03	6.89	68.95	0.49	3.17	1.00	0.03
6.90	73.27	0.52	3.02	1.00	0.03	6.91	76.05	0.54	2.92	1.00	0.03
6.92	75.26	0.53	2.95	1.00	0.03	6.93	73.63	0.52	3.00	1.00	0.03
6.94	71.46	0.51	3.08	1.00	0.03	6.95	70.12	0.50	3.13	1.00	0.03
6.96	68.36	0.49	3.19	1.00	0.03	6.97	65.94	0.47	3.29	1.00	0.03
6.98	64.07	0.46	3.37	1.00	0.03	6.99	63.98	0.46	3.37	1.00	0.03
7.00	67.62	0.48	3.22	1.00	0.03	7.01	70.60	0.50	3.11	1.00	0.03
7.02	72.32	0.51	3.05	1.00	0.03	7.03	71.58	0.51	3.07	1.00	0.03
7.04	71.10	0.50	3.09	1.00	0.03	7.05	71.35	0.50	3.08	1.00	0.03
7.06	71.23	0.50	3.09	1.00	0.03	7.07	70.84	0.50	3.10	1.00	0.03
7.08	69.42	0.49	3.15	1.00	0.03	7.09	68.14	0.49	3.20	1.00	0.03
7.10	52.68	0.42	3.95	1.00	0.04	7.11	52.66	0.42	3.95	1.00	0.04
7.12	52.72	0.42	3.95	1.00	0.04	7.13	52.91	0.42	3.94	1.00	0.04
7.14	53.01	0.42	3.93	1.00	0.04	7.15	53.05	0.42	3.93	1.00	0.04
7.16	53.04	0.42	3.93	1.00	0.04	7.17	53.15	0.42	3.92	1.00	0.04
7.18	53.37	0.42	3.91	1.00	0.04	7.19	53.76	0.42	3.89	1.00	0.04
7.20	54.38	0.42	3.85	1.00	0.04	7.21	55.69	0.43	3.78	1.00	0.04
7.22	57.20	0.43	3.69	1.00	0.04	7.23	58.62	0.44	3.62	1.00	0.04
7.24	59.48	0.44	3.58	1.00	0.04	7.25	60.21	0.44	3.54	1.00	0.04
7.26	60.68	0.45	3.52	1.00	0.04	7.27	60.93	0.45	3.51	1.00	0.04
7.28	60.67	0.45	3.52	1.00	0.04	7.29	60.18	0.44	3.54	1.00	0.04
7.30	59.47	0.44	3.58	1.00	0.04	7.31	58.75	0.44	3.61	1.00	0.04
7.32	57.88	0.43	3.66	1.00	0.04	7.33	57.13	0.43	3.70	1.00	0.04
7.34	56.58	0.43	3.73	1.00	0.04	7.35	56.32	0.43	3.74	1.00	0.04
7.36	56.16	0.43	3.75	1.00	0.04	7.37	55.70	0.43	3.78	1.00	0.04
7.38	55.10	0.42	3.81	1.00	0.04	7.39	54.21	0.42	3.86	1.00	0.04
7.40	53.40	0.42	3.91	1.00	0.04	7.41	52.20	0.41	3.98	1.00	0.04
7.42	51.08	0.41	4.05	1.00	0.04	7.43	64.78	0.47	3.34	1.00	0.03
7.44	64.39	0.46	3.35	1.00	0.03	7.45	64.25	0.46	3.36	1.00	0.03
7.46	49.73	0.41	4.14	1.00	0.04	7.47	50.45	0.41	4.10	1.00	0.04
7.48	51.44	0.41	4.03	1.00	0.04	7.49	52.93	0.42	3.94	1.00	0.04
7.50	54.28	0.42	3.86	1.00	0.04	7.51	69.39	0.49	3.15	1.00	0.03
7.52	70.39	0.50	3.12	1.00	0.03	7.53	70.96	0.50	3.10	1.00	0.03
7.54	71.05	0.50	3.09	1.00	0.03	7.55	70.35	0.50	3.12	1.00	0.03
7.56	69.48	0.49	3.15	1.00	0.03	7.57	68.40	0.49	3.19	1.00	0.03
7.58	67.95	0.48	3.21	1.00	0.03	7.59	55.83	0.43	3.77	1.00	0.04
7.60	57.79	0.43	3.66	1.00	0.04	7.61	59.38	0.44	3.58	1.00	0.04
7.62	60.63	0.45	3.52	1.00	0.04	7.63	60.82	0.45	3.51	1.00	0.04
7.64	59.74	0.44	3.57	1.00	0.04	7.65	72.29	0.51	3.05	1.00	0.03
7.66	71.55	0.51	3.07	1.00	0.03	7.67	70.18	0.50	3.12	1.00	0.03
7.68	69.16	0.49	3.16	1.00	0.03	7.69	68.90	0.49	3.17	1.00	0.03
7.70	68.94	0.49	3.17	1.00	0.03	7.71	68.19	0.49	3.20	1.00	0.03

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	69.23	0.49	3.16	1.00	0.03	7.73	71.57	0.51	3.07	1.00	0.03
7.74	75.53	0.53	2.94	1.00	0.03	7.75	77.91	0.55	2.87	1.00	0.03
7.76	79.45	0.56	2.82	1.00	0.03	7.77	80.57	0.57	2.79	1.00	0.03
7.78	80.63	0.57	2.79	1.00	0.03	7.79	80.56	0.57	2.79	1.00	0.03
7.80	79.54	0.56	2.82	1.00	0.03	7.81	78.85	0.56	2.84	1.00	0.03
7.82	67.43	0.48	3.23	1.00	0.03	7.83	68.19	0.49	3.20	1.00	0.03
7.84	69.04	0.49	3.17	1.00	0.03	7.85	69.98	0.50	3.13	1.00	0.03
7.86	70.67	0.50	3.11	1.00	0.03	7.87	71.41	0.51	3.08	1.00	0.03
7.88	71.99	0.51	3.06	1.00	0.03	7.89	72.41	0.51	3.04	1.00	0.03
7.90	72.65	0.51	3.04	1.00	0.03	7.91	72.94	0.52	3.03	1.00	0.03
7.92	73.29	0.52	3.01	1.00	0.03	7.93	73.67	0.52	3.00	1.00	0.03
7.94	74.01	0.52	2.99	1.00	0.03	7.95	74.19	0.52	2.98	1.00	0.03
7.96	74.15	0.52	2.99	1.00	0.03	7.97	74.06	0.52	2.99	1.00	0.03
7.98	74.07	0.52	2.99	1.00	0.03	7.99	74.22	0.53	2.98	1.00	0.03
8.00	74.24	0.53	2.98	1.00	0.03	8.01	74.07	0.52	2.99	1.00	0.03
8.02	73.44	0.52	3.01	1.00	0.03	8.03	72.67	0.51	3.04	1.00	0.03
8.04	71.87	0.51	3.06	1.00	0.03	8.05	71.07	0.50	3.09	1.00	0.03
8.06	70.18	0.50	3.12	1.00	0.03	8.07	69.24	0.49	3.16	1.00	0.03
8.08	68.19	0.49	3.20	1.00	0.03	8.09	67.42	0.48	3.23	1.00	0.03
8.10	78.44	0.56	2.85	1.00	0.03	8.11	77.98	0.55	2.87	1.00	0.03
8.12	77.30	0.55	2.89	1.00	0.03	8.13	76.50	0.54	2.91	1.00	0.03
8.14	75.53	0.53	2.94	1.00	0.03	8.15	74.64	0.53	2.97	1.00	0.03
8.16	74.10	0.53	2.99	1.00	0.03	8.17	74.37	0.53	2.98	1.00	0.03
8.18	75.44	0.53	2.94	1.00	0.03	8.19	77.50	0.55	2.88	1.00	0.03
8.20	80.46	0.57	2.79	1.00	0.03	8.21	83.12	0.59	2.72	1.00	0.03
8.22	85.34	0.61	2.66	1.00	0.03	8.23	86.01	0.62	2.64	1.00	0.03
8.24	86.31	0.62	2.64	1.00	0.03	8.25	86.12	0.62	2.64	1.00	0.03
8.26	85.93	0.62	2.65	1.00	0.03	8.27	85.60	0.62	2.65	1.00	0.03
8.28	75.31	0.53	2.95	1.00	0.03	8.29	76.47	0.54	2.91	1.00	0.03
8.30	77.59	0.55	2.88	1.00	0.03	8.31	78.48	0.56	2.85	1.00	0.03
8.32	79.20	0.56	2.83	1.00	0.03	8.33	79.57	0.57	2.82	1.00	0.03
8.34	79.38	0.56	2.82	1.00	0.03	8.35	78.94	0.56	2.84	1.00	0.03
8.36	77.78	0.55	2.87	1.00	0.03	8.37	76.26	0.54	2.92	1.00	0.03
8.38	74.46	0.53	2.98	1.00	0.03	8.39	72.59	0.52	3.04	1.00	0.03
8.40	70.78	0.50	3.10	1.00	0.03	8.41	69.07	0.49	3.17	1.00	0.03
8.42	67.70	0.49	3.22	1.00	0.03	8.43	78.60	0.56	2.85	1.00	0.03
8.44	78.11	0.56	2.86	1.00	0.03	8.45	77.74	0.55	2.87	1.00	0.03
8.46	77.33	0.55	2.89	1.00	0.03	8.47	76.63	0.54	2.91	1.00	0.03
8.48	75.79	0.54	2.93	1.00	0.03	8.49	74.81	0.53	2.96	1.00	0.03
8.50	73.53	0.52	3.01	1.00	0.03	8.51	72.13	0.51	3.05	1.00	0.03
8.52	70.63	0.50	3.11	1.00	0.03	8.53	68.69	0.49	3.18	1.00	0.03
8.54	67.33	0.49	3.23	1.00	0.03	8.55	66.18	0.48	3.28	1.00	0.03
8.56	66.48	0.48	3.27	1.00	0.03	8.57	67.91	0.49	3.21	1.00	0.03
8.58	70.64	0.51	3.11	1.00	0.03	8.59	73.21	0.52	3.02	1.00	0.03
8.60	75.11	0.53	2.95	1.00	0.03	8.61	77.10	0.55	2.89	1.00	0.03
8.62	78.82	0.56	2.84	1.00	0.03	8.63	78.49	0.56	2.85	1.00	0.03
8.64	76.24	0.54	2.92	1.00	0.03	8.65	73.83	0.53	3.00	1.00	0.03
8.66	73.30	0.52	3.01	1.00	0.03	8.67	73.29	0.52	3.01	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
8.68	72.82	0.52	3.03	1.00	0.03	8.69	72.15	0.52	3.05	1.00	0.03
8.70	71.48	0.51	3.08	1.00	0.03	8.71	68.29	0.49	3.19	1.00	0.03
8.72	65.33	0.48	3.31	1.00	0.03	8.73	62.56	0.46	3.43	1.00	0.03
8.74	62.48	0.46	3.44	1.00	0.03	8.75	61.67	0.46	3.47	1.00	0.03
8.76	60.01	0.45	3.55	1.00	0.04	8.77	42.72	0.38	4.69	1.00	0.05
8.78	41.89	0.38	4.77	1.00	0.05	8.79	40.96	0.38	4.86	1.00	0.05
8.80	40.53	0.38	4.90	1.00	0.05	8.81	57.51	0.44	3.68	1.00	0.04
8.82	57.88	0.44	3.66	1.00	0.04	8.83	58.59	0.44	3.62	1.00	0.04
8.84	60.09	0.45	3.55	1.00	0.04	8.85	62.65	0.46	3.43	1.00	0.03
8.86	65.09	0.47	3.32	1.00	0.03	8.87	67.07	0.49	3.24	1.00	0.03
8.88	67.54	0.49	3.22	1.00	0.03	8.89	67.23	0.49	3.24	1.00	0.03
8.90	66.43	0.48	3.27	1.00	0.03	8.91	64.67	0.47	3.34	1.00	0.03
8.92	62.80	0.46	3.42	1.00	0.03	8.93	61.02	0.45	3.50	1.00	0.04
8.94	60.97	0.45	3.51	1.00	0.04	8.95	62.72	0.46	3.43	1.00	0.03
8.96	65.96	0.48	3.29	1.00	0.03	8.97	70.98	2.00	0.00	1.00	0.00
8.98	77.49	2.00	0.00	1.00	0.00	8.99	86.13	2.00	0.00	1.00	0.00
9.00	91.31	2.00	0.00	1.00	0.00	9.01	89.72	0.66	2.55	1.00	0.03
9.02	85.43	0.62	2.66	1.00	0.03	9.03	81.40	0.59	2.77	1.00	0.03
9.04	81.14	0.58	2.77	1.00	0.03	9.05	81.56	0.59	2.76	1.00	0.03
9.06	81.65	0.59	2.76	1.00	0.03	9.07	80.46	0.58	2.79	1.00	0.03
9.08	78.43	0.56	2.85	1.00	0.03	9.09	76.23	0.55	2.92	1.00	0.03
9.10	74.90	0.54	2.96	1.00	0.03	9.11	73.90	0.53	2.99	1.00	0.03
9.12	72.87	0.52	3.03	1.00	0.03	9.13	71.78	0.52	3.07	1.00	0.03
9.14	58.37	0.44	3.63	1.00	0.04	9.15	58.33	0.44	3.64	1.00	0.04
9.16	58.65	0.45	3.62	1.00	0.04	9.17	59.07	0.45	3.60	1.00	0.04
9.18	72.53	0.52	3.04	1.00	0.03	9.19	73.62	0.53	3.00	1.00	0.03
9.20	74.20	0.53	2.98	1.00	0.03	9.21	73.79	0.53	3.00	1.00	0.03
9.22	71.88	0.52	3.06	1.00	0.03	9.23	70.06	0.51	3.13	1.00	0.03
9.24	68.85	0.50	3.17	1.00	0.03	9.25	68.18	0.49	3.20	1.00	0.03
9.26	68.81	0.50	3.17	1.00	0.03	9.27	69.99	0.51	3.13	1.00	0.03
9.28	71.88	0.52	3.06	1.00	0.03	9.29	73.52	0.53	3.01	1.00	0.03
9.30	75.70	0.54	2.94	1.00	0.03	9.31	76.97	0.55	2.90	1.00	0.03
9.32	77.37	0.56	2.88	1.00	0.03	9.33	77.41	0.56	2.88	1.00	0.03
9.34	77.92	0.56	2.87	1.00	0.03	9.35	78.48	0.57	2.85	1.00	0.03
9.36	78.13	0.56	2.86	1.00	0.03	9.37	77.59	0.56	2.88	1.00	0.03
9.38	76.99	0.55	2.90	1.00	0.03	9.39	76.38	0.55	2.91	1.00	0.03
9.40	75.50	0.54	2.94	1.00	0.03	9.41	74.78	0.54	2.97	1.00	0.03
9.42	61.62	0.46	3.48	1.00	0.03	9.43	60.64	0.46	3.52	1.00	0.04
9.44	59.69	0.45	3.57	1.00	0.04	9.45	58.97	0.45	3.60	1.00	0.04
9.46	58.75	0.45	3.61	1.00	0.04	9.47	58.60	0.45	3.62	1.00	0.04
9.48	58.16	0.45	3.64	1.00	0.04	9.49	57.56	0.44	3.68	1.00	0.04
9.50	56.74	0.44	3.72	1.00	0.04	9.51	55.85	0.44	3.77	1.00	0.04
9.52	54.99	0.43	3.82	1.00	0.04	9.53	68.15	0.50	3.20	1.00	0.03
9.54	67.78	0.49	3.21	1.00	0.03	9.55	67.39	0.49	3.23	1.00	0.03
9.56	67.06	0.49	3.24	1.00	0.03	9.57	66.80	0.49	3.25	1.00	0.03
9.58	52.57	0.42	3.96	1.00	0.04	9.59	52.61	0.42	3.96	1.00	0.04
9.60	52.66	0.43	3.95	1.00	0.04	9.61	52.56	0.42	3.96	1.00	0.04
9.62	52.33	0.42	3.97	1.00	0.04	9.63	51.63	0.42	4.02	1.00	0.04

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
9.64	50.71	0.42	4.08	1.00	0.04	9.65	49.62	0.42	4.15	1.00	0.04
9.66	48.38	0.41	4.24	1.00	0.04	9.67	47.19	0.41	4.33	1.00	0.04
9.68	46.30	0.40	4.39	1.00	0.04	9.69	46.02	0.40	4.42	1.00	0.04
9.70	45.43	0.40	4.46	1.00	0.04	9.71	45.60	0.40	4.45	1.00	0.04
9.72	46.10	0.40	4.41	1.00	0.04	9.73	47.40	0.41	4.31	1.00	0.04
9.74	47.95	0.41	4.27	1.00	0.04	9.75	63.72	0.47	3.38	1.00	0.03
9.76	65.21	0.48	3.32	1.00	0.03	9.77	66.05	0.49	3.28	1.00	0.03
9.78	65.84	0.49	3.29	1.00	0.03	9.79	65.54	0.48	3.30	1.00	0.03
9.80	65.24	0.48	3.32	1.00	0.03	9.81	63.72	0.47	3.38	1.00	0.03
9.82	61.97	0.47	3.46	1.00	0.03	9.83	60.62	0.46	3.52	1.00	0.04
9.84	61.66	0.46	3.47	1.00	0.03	9.85	64.84	0.48	3.33	1.00	0.03
9.86	68.69	0.50	3.18	1.00	0.03	9.87	69.88	0.51	3.13	1.00	0.03
9.88	68.87	0.50	3.17	1.00	0.03	9.89	67.08	0.49	3.24	1.00	0.03
9.90	67.10	0.49	3.24	1.00	0.03	9.91	67.39	0.50	3.23	1.00	0.03
9.92	66.97	0.49	3.25	1.00	0.03	9.93	65.69	0.49	3.30	1.00	0.03
9.94	63.70	0.48	3.38	1.00	0.03	9.95	62.79	0.47	3.42	1.00	0.03
9.96	63.27	0.47	3.40	1.00	0.03	9.97	65.41	0.48	3.31	1.00	0.03
9.98	66.89	2.00	0.00	1.00	0.00	9.99	67.92	2.00	0.00	1.00	0.00
10.00	68.61	2.00	0.00	1.00	0.00	10.01	71.30	2.00	0.00	1.00	0.00
10.02	74.99	2.00	0.00	1.00	0.00	10.03	78.00	2.00	0.00	1.00	0.00
10.04	79.56	2.00	0.00	1.00	0.00	10.05	80.00	2.00	0.00	1.00	0.00
10.06	80.54	2.00	0.00	1.00	0.00	10.07	81.30	2.00	0.00	1.00	0.00
10.08	82.27	2.00	0.00	1.00	0.00	10.09	81.90	2.00	0.00	1.00	0.00
10.10	79.33	2.00	0.00	1.00	0.00	10.11	74.32	0.54	2.98	1.00	0.03
10.12	70.20	0.51	3.12	1.00	0.03	10.13	67.83	0.50	3.21	1.00	0.03
10.14	67.52	0.50	3.22	1.00	0.03	10.15	67.52	0.50	3.22	1.00	0.03
10.16	67.23	0.50	3.24	1.00	0.03	10.17	66.60	0.49	3.26	1.00	0.03
10.18	66.35	0.49	3.27	1.00	0.03	10.19	66.39	0.49	3.27	1.00	0.03
10.20	65.49	0.49	3.31	1.00	0.03	10.21	63.55	0.48	3.39	1.00	0.03
10.22	61.36	0.47	3.49	1.00	0.03	10.23	60.54	0.46	3.53	1.00	0.04
10.24	60.81	0.46	3.51	1.00	0.04	10.25	63.28	0.48	3.40	1.00	0.03
10.26	66.26	0.49	3.27	1.00	0.03	10.27	68.98	0.51	3.17	1.00	0.03
10.28	69.70	0.51	3.14	1.00	0.03	10.29	69.23	0.51	3.16	1.00	0.03
10.30	68.77	0.51	3.18	1.00	0.03	10.31	68.46	0.51	3.19	1.00	0.03
10.32	68.36	0.50	3.19	1.00	0.03	10.33	67.68	0.50	3.22	1.00	0.03
10.34	66.51	0.49	3.26	1.00	0.03	10.35	65.12	0.49	3.32	1.00	0.03
10.36	63.61	0.48	3.39	1.00	0.03	10.37	62.41	0.47	3.44	1.00	0.03
10.38	61.60	0.47	3.48	1.00	0.03	10.39	61.97	0.47	3.46	1.00	0.03
10.40	64.08	0.48	3.37	1.00	0.03	10.41	67.71	0.50	3.22	1.00	0.03
10.42	72.03	2.00	0.00	1.00	0.00	10.43	78.18	2.00	0.00	1.00	0.00
10.44	83.49	2.00	0.00	1.00	0.00	10.45	87.76	2.00	0.00	1.00	0.00
10.46	86.67	0.65	2.63	1.00	0.03	10.47	82.78	0.61	2.73	1.00	0.03
10.48	77.60	0.57	2.88	1.00	0.03	10.49	75.61	0.56	2.94	1.00	0.03
10.50	75.43	0.55	2.94	1.00	0.03	10.51	75.86	0.56	2.93	1.00	0.03
10.52	75.76	0.56	2.93	1.00	0.03	10.53	75.08	0.55	2.96	1.00	0.03
10.54	74.19	0.55	2.98	1.00	0.03	10.55	73.46	0.54	3.01	1.00	0.03
10.56	72.82	0.54	3.03	1.00	0.03	10.57	59.53	0.46	3.58	1.00	0.04
10.58	58.68	0.46	3.62	1.00	0.04	10.59	57.15	0.45	3.70	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	55.10	0.44	3.81	1.00	0.04	10.61	51.49	0.43	4.03	1.00	0.04
10.62	63.45	0.48	3.39	1.00	0.03	10.63	62.09	0.47	3.45	1.00	0.03
10.64	62.00	0.47	3.46	1.00	0.03	10.65	61.93	0.47	3.46	1.00	0.03
10.66	64.08	0.48	3.37	1.00	0.03	10.67	67.57	0.50	3.22	1.00	0.03
10.68	70.90	0.52	3.10	1.00	0.03	10.69	72.22	0.53	3.05	1.00	0.03
10.70	70.58	0.52	3.11	1.00	0.03	10.71	69.18	0.51	3.16	1.00	0.03
10.72	68.49	0.51	3.19	1.00	0.03	10.73	69.66	0.52	3.14	1.00	0.03
10.74	71.10	0.53	3.09	1.00	0.03	10.75	71.16	0.53	3.09	1.00	0.03
10.76	71.77	0.53	3.07	1.00	0.03	10.77	73.02	2.00	0.00	1.00	0.00
10.78	74.74	2.00	0.00	1.00	0.00	10.79	77.48	2.00	0.00	1.00	0.00
10.80	80.83	2.00	0.00	1.00	0.00	10.81	83.50	2.00	0.00	1.00	0.00
10.82	84.72	2.00	0.00	1.00	0.00	10.83	85.28	2.00	0.00	1.00	0.00
10.84	86.40	2.00	0.00	1.00	0.00	10.85	86.85	2.00	0.00	1.00	0.00
10.86	85.68	2.00	0.00	1.00	0.00	10.87	84.23	2.00	0.00	1.00	0.00
10.88	81.40	2.00	0.00	1.00	0.00	10.89	79.16	2.00	0.00	1.00	0.00
10.90	76.35	2.00	0.00	1.00	0.00	10.91	74.53	2.00	0.00	1.00	0.00
10.92	72.76	2.00	0.00	1.00	0.00	10.93	70.82	2.00	0.00	1.00	0.00
10.94	68.89	2.00	0.00	1.00	0.00	10.95	66.10	2.00	0.00	1.00	0.00
10.96	63.33	2.00	0.00	1.00	0.00	10.97	60.78	2.00	0.00	1.00	0.00
10.98	57.95	2.00	0.00	1.00	0.00	10.99	54.64	2.00	0.00	1.00	0.00
11.00	51.12	2.00	0.00	1.00	0.00	11.01	49.24	2.00	0.00	1.00	0.00
11.02	48.00	2.00	0.00	1.00	0.00	11.03	46.32	2.00	0.00	1.00	0.00
11.04	44.33	2.00	0.00	1.00	0.00	11.05	41.82	2.00	0.00	1.00	0.00
11.06	40.15	2.00	0.00	1.00	0.00	11.07	39.15	2.00	0.00	1.00	0.00
11.08	38.87	2.00	0.00	1.00	0.00	11.09	38.66	2.00	0.00	1.00	0.00
11.10	38.40	2.00	0.00	1.00	0.00	11.11	38.14	2.00	0.00	1.00	0.00
11.12	37.92	2.00	0.00	1.00	0.00	11.13	37.83	2.00	0.00	1.00	0.00
11.14	37.79	2.00	0.00	1.00	0.00	11.15	37.74	2.00	0.00	1.00	0.00
11.16	37.63	2.00	0.00	1.00	0.00	11.17	37.83	2.00	0.00	1.00	0.00
11.18	38.15	2.00	0.00	1.00	0.00	11.19	38.62	2.00	0.00	1.00	0.00
11.20	38.70	2.00	0.00	1.00	0.00	11.21	38.69	2.00	0.00	1.00	0.00
11.22	38.71	2.00	0.00	1.00	0.00	11.23	38.86	2.00	0.00	1.00	0.00
11.24	38.88	2.00	0.00	1.00	0.00	11.25	38.61	2.00	0.00	1.00	0.00
11.26	38.11	2.00	0.00	1.00	0.00	11.27	37.57	2.00	0.00	1.00	0.00
11.28	36.93	2.00	0.00	1.00	0.00	11.29	36.47	2.00	0.00	1.00	0.00
11.30	36.14	2.00	0.00	1.00	0.00	11.31	36.02	2.00	0.00	1.00	0.00
11.32	35.93	2.00	0.00	1.00	0.00	11.33	35.86	2.00	0.00	1.00	0.00
11.34	35.80	2.00	0.00	1.00	0.00	11.35	35.65	2.00	0.00	1.00	0.00
11.36	35.46	2.00	0.00	1.00	0.00	11.37	35.32	2.00	0.00	1.00	0.00
11.38	35.33	2.00	0.00	1.00	0.00	11.39	35.54	2.00	0.00	1.00	0.00
11.40	35.80	2.00	0.00	1.00	0.00	11.41	36.12	2.00	0.00	1.00	0.00
11.42	36.34	2.00	0.00	1.00	0.00	11.43	36.73	2.00	0.00	1.00	0.00
11.44	37.39	2.00	0.00	1.00	0.00	11.45	37.89	2.00	0.00	1.00	0.00
11.46	38.16	2.00	0.00	1.00	0.00	11.47	38.18	2.00	0.00	1.00	0.00
11.48	38.45	2.00	0.00	1.00	0.00	11.49	38.95	2.00	0.00	1.00	0.00
11.50	39.51	2.00	0.00	1.00	0.00	11.51	39.91	2.00	0.00	1.00	0.00
11.52	40.43	2.00	0.00	1.00	0.00	11.53	40.95	2.00	0.00	1.00	0.00
11.54	41.44	2.00	0.00	1.00	0.00	11.55	41.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
11.56	41.64	2.00	0.00	1.00	0.00	11.57	41.67	2.00	0.00	1.00	0.00
11.58	41.49	2.00	0.00	1.00	0.00	11.59	41.20	2.00	0.00	1.00	0.00
11.60	40.76	2.00	0.00	1.00	0.00	11.61	40.37	2.00	0.00	1.00	0.00
11.62	40.62	2.00	0.00	1.00	0.00	11.63	41.25	2.00	0.00	1.00	0.00
11.64	42.05	2.00	0.00	1.00	0.00	11.65	42.72	2.00	0.00	1.00	0.00
11.66	43.20	2.00	0.00	1.00	0.00	11.67	43.49	2.00	0.00	1.00	0.00
11.68	43.60	2.00	0.00	1.00	0.00	11.69	45.30	2.00	0.00	1.00	0.00
11.70	47.07	2.00	0.00	1.00	0.00	11.71	48.52	2.00	0.00	1.00	0.00
11.72	47.93	2.00	0.00	1.00	0.00	11.73	47.57	2.00	0.00	1.00	0.00
11.74	47.19	2.00	0.00	1.00	0.00	11.75	45.87	2.00	0.00	1.00	0.00
11.76	43.74	2.00	0.00	1.00	0.00	11.77	41.76	2.00	0.00	1.00	0.00
11.78	41.74	2.00	0.00	1.00	0.00	11.79	42.51	2.00	0.00	1.00	0.00
11.80	43.79	2.00	0.00	1.00	0.00	11.81	44.92	2.00	0.00	1.00	0.00
11.82	45.30	2.00	0.00	1.00	0.00	11.83	45.22	2.00	0.00	1.00	0.00
11.84	45.01	2.00	0.00	1.00	0.00	11.85	44.81	2.00	0.00	1.00	0.00
11.86	44.98	2.00	0.00	1.00	0.00	11.87	45.33	2.00	0.00	1.00	0.00
11.88	46.08	2.00	0.00	1.00	0.00	11.89	46.22	2.00	0.00	1.00	0.00
11.90	47.23	2.00	0.00	1.00	0.00	11.91	49.21	2.00	0.00	1.00	0.00
11.92	51.15	2.00	0.00	1.00	0.00	11.93	52.20	2.00	0.00	1.00	0.00
11.94	51.62	2.00	0.00	1.00	0.00	11.95	50.87	2.00	0.00	1.00	0.00
11.96	50.97	2.00	0.00	1.00	0.00	11.97	52.21	2.00	0.00	1.00	0.00
11.98	53.00	2.00	0.00	1.00	0.00	11.99	52.75	2.00	0.00	1.00	0.00
12.00	52.98	2.00	0.00	1.00	0.00	12.01	54.74	2.00	0.00	1.00	0.00
12.02	58.95	2.00	0.00	1.00	0.00	12.03	61.65	2.00	0.00	1.00	0.00
12.04	63.68	2.00	0.00	1.00	0.00	12.05	63.38	2.00	0.00	1.00	0.00
12.06	62.74	2.00	0.00	1.00	0.00	12.07	61.36	2.00	0.00	1.00	0.00
12.08	60.80	2.00	0.00	1.00	0.00	12.09	60.60	2.00	0.00	1.00	0.00
12.10	59.78	2.00	0.00	1.00	0.00	12.11	58.82	2.00	0.00	1.00	0.00
12.12	57.61	2.00	0.00	1.00	0.00	12.13	57.09	2.00	0.00	1.00	0.00
12.14	56.07	2.00	0.00	1.00	0.00	12.15	53.21	2.00	0.00	1.00	0.00
12.16	49.43	2.00	0.00	1.00	0.00	12.17	45.01	2.00	0.00	1.00	0.00
12.18	42.39	2.00	0.00	1.00	0.00	12.19	40.22	2.00	0.00	1.00	0.00
12.20	38.81	2.00	0.00	1.00	0.00	12.21	38.23	2.00	0.00	1.00	0.00
12.22	38.15	2.00	0.00	1.00	0.00	12.23	37.51	2.00	0.00	1.00	0.00
12.24	36.35	2.00	0.00	1.00	0.00	12.25	35.38	2.00	0.00	1.00	0.00
12.26	35.44	2.00	0.00	1.00	0.00	12.27	36.06	2.00	0.00	1.00	0.00
12.28	36.65	2.00	0.00	1.00	0.00	12.29	36.97	2.00	0.00	1.00	0.00
12.30	36.87	2.00	0.00	1.00	0.00	12.31	36.83	2.00	0.00	1.00	0.00
12.32	36.68	2.00	0.00	1.00	0.00	12.33	36.83	0.38	5.30	1.00	0.05
12.34	37.69	0.39	5.20	1.00	0.05	12.35	19.03	0.31	5.80	1.00	0.06
12.36	18.84	0.31	5.80	1.00	0.06	12.37	40.32	0.40	4.92	1.00	0.05
12.38	42.31	0.41	4.73	1.00	0.05	12.39	45.07	0.42	4.49	1.00	0.04
12.40	51.15	0.44	4.05	1.00	0.04	12.41	56.20	0.46	3.75	1.00	0.04
12.42	59.63	0.48	3.57	1.00	0.04	12.43	59.16	0.47	3.59	1.00	0.04
12.44	58.27	0.47	3.64	1.00	0.04	12.45	59.30	0.48	3.59	1.00	0.04
12.46	61.27	2.00	0.00	1.00	0.00	12.47	63.81	2.00	0.00	1.00	0.00
12.48	67.30	2.00	0.00	1.00	0.00	12.49	71.51	2.00	0.00	1.00	0.00
12.50	76.40	2.00	0.00	1.00	0.00	12.51	78.92	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	79.17	2.00	0.00	1.00	0.00	12.53	76.69	2.00	0.00	1.00	0.00
12.54	73.31	2.00	0.00	1.00	0.00	12.55	71.21	2.00	0.00	1.00	0.00
12.56	70.26	2.00	0.00	1.00	0.00	12.57	70.41	2.00	0.00	1.00	0.00
12.58	70.36	2.00	0.00	1.00	0.00	12.59	70.28	2.00	0.00	1.00	0.00
12.60	70.46	2.00	0.00	1.00	0.00	12.61	70.37	2.00	0.00	1.00	0.00
12.62	69.67	2.00	0.00	1.00	0.00	12.63	68.29	2.00	0.00	1.00	0.00
12.64	66.42	2.00	0.00	1.00	0.00	12.65	63.95	2.00	0.00	1.00	0.00
12.66	62.75	2.00	0.00	1.00	0.00	12.67	62.15	2.00	0.00	1.00	0.00
12.68	62.96	2.00	0.00	1.00	0.00	12.69	64.97	2.00	0.00	1.00	0.00
12.70	65.86	2.00	0.00	1.00	0.00	12.71	66.60	2.00	0.00	1.00	0.00
12.72	66.43	2.00	0.00	1.00	0.00	12.73	66.83	2.00	0.00	1.00	0.00
12.74	66.84	2.00	0.00	1.00	0.00	12.75	66.98	2.00	0.00	1.00	0.00
12.76	66.84	2.00	0.00	1.00	0.00	12.77	66.53	2.00	0.00	1.00	0.00
12.78	66.38	2.00	0.00	1.00	0.00	12.79	65.73	2.00	0.00	1.00	0.00
12.80	65.23	2.00	0.00	1.00	0.00	12.81	64.18	2.00	0.00	1.00	0.00
12.82	62.71	2.00	0.00	1.00	0.00	12.83	61.18	2.00	0.00	1.00	0.00
12.84	59.76	2.00	0.00	1.00	0.00	12.85	58.64	2.00	0.00	1.00	0.00
12.86	57.59	2.00	0.00	1.00	0.00	12.87	56.30	2.00	0.00	1.00	0.00
12.88	53.91	2.00	0.00	1.00	0.00	12.89	51.84	2.00	0.00	1.00	0.00
12.90	47.64	2.00	0.00	1.00	0.00	12.91	44.04	2.00	0.00	1.00	0.00
12.92	39.06	2.00	0.00	1.00	0.00	12.93	37.73	2.00	0.00	1.00	0.00
12.94	37.42	2.00	0.00	1.00	0.00	12.95	37.85	2.00	0.00	1.00	0.00
12.96	38.62	2.00	0.00	1.00	0.00	12.97	39.47	2.00	0.00	1.00	0.00
12.98	40.35	2.00	0.00	1.00	0.00	12.99	40.63	2.00	0.00	1.00	0.00
13.00	40.85	2.00	0.00	1.00	0.00	13.01	40.84	2.00	0.00	1.00	0.00
13.02	40.84	2.00	0.00	1.00	0.00	13.03	42.04	2.00	0.00	1.00	0.00
13.04	43.62	2.00	0.00	1.00	0.00	13.05	45.24	2.00	0.00	1.00	0.00
13.06	47.55	2.00	0.00	1.00	0.00	13.07	49.88	2.00	0.00	1.00	0.00
13.08	51.90	2.00	0.00	1.00	0.00	13.09	52.49	2.00	0.00	1.00	0.00
13.10	53.12	2.00	0.00	1.00	0.00	13.11	53.41	2.00	0.00	1.00	0.00
13.12	53.17	2.00	0.00	1.00	0.00	13.13	52.42	2.00	0.00	1.00	0.00
13.14	51.89	2.00	0.00	1.00	0.00	13.15	51.87	2.00	0.00	1.00	0.00
13.16	51.72	2.00	0.00	1.00	0.00	13.17	51.39	2.00	0.00	1.00	0.00
13.18	50.75	2.00	0.00	1.00	0.00	13.19	49.57	2.00	0.00	1.00	0.00
13.20	47.38	2.00	0.00	1.00	0.00	13.21	45.69	2.00	0.00	1.00	0.00
13.22	44.39	2.00	0.00	1.00	0.00	13.23	45.84	2.00	0.00	1.00	0.00
13.24	46.97	2.00	0.00	1.00	0.00	13.25	49.77	2.00	0.00	1.00	0.00
13.26	51.15	2.00	0.00	1.00	0.00	13.27	52.56	2.00	0.00	1.00	0.00
13.28	52.53	2.00	0.00	1.00	0.00	13.29	52.91	2.00	0.00	1.00	0.00
13.30	54.13	2.00	0.00	1.00	0.00	13.31	55.82	2.00	0.00	1.00	0.00
13.32	56.89	2.00	0.00	1.00	0.00	13.33	57.39	2.00	0.00	1.00	0.00
13.34	57.61	2.00	0.00	1.00	0.00	13.35	58.54	2.00	0.00	1.00	0.00
13.36	59.53	2.00	0.00	1.00	0.00	13.37	60.12	2.00	0.00	1.00	0.00
13.38	59.11	2.00	0.00	1.00	0.00	13.39	57.06	2.00	0.00	1.00	0.00
13.40	54.80	2.00	0.00	1.00	0.00	13.41	53.63	2.00	0.00	1.00	0.00
13.42	53.59	2.00	0.00	1.00	0.00	13.43	53.63	2.00	0.00	1.00	0.00
13.44	53.17	2.00	0.00	1.00	0.00	13.45	51.69	2.00	0.00	1.00	0.00
13.46	50.84	2.00	0.00	1.00	0.00	13.47	50.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	50.22	2.00	0.00	1.00	0.00	13.49	49.67	2.00	0.00	1.00	0.00
13.50	49.05	2.00	0.00	1.00	0.00	13.51	48.46	2.00	0.00	1.00	0.00
13.52	47.93	2.00	0.00	1.00	0.00	13.53	47.84	2.00	0.00	1.00	0.00
13.54	48.03	2.00	0.00	1.00	0.00	13.55	48.71	2.00	0.00	1.00	0.00
13.56	49.61	2.00	0.00	1.00	0.00	13.57	50.52	2.00	0.00	1.00	0.00
13.58	51.95	2.00	0.00	1.00	0.00	13.59	52.55	2.00	0.00	1.00	0.00
13.60	52.91	2.00	0.00	1.00	0.00	13.61	52.97	2.00	0.00	1.00	0.00
13.62	53.86	2.00	0.00	1.00	0.00	13.63	56.87	2.00	0.00	1.00	0.00
13.64	61.21	2.00	0.00	1.00	0.00	13.65	65.08	2.00	0.00	1.00	0.00
13.66	67.12	2.00	0.00	1.00	0.00	13.67	67.37	2.00	0.00	1.00	0.00
13.68	67.43	0.54	3.23	1.00	0.03	13.69	69.73	2.00	0.00	1.00	0.00
13.70	72.14	2.00	0.00	1.00	0.00	13.71	74.62	2.00	0.00	1.00	0.00
13.72	75.97	2.00	0.00	1.00	0.00	13.73	79.54	2.00	0.00	1.00	0.00
13.74	81.80	2.00	0.00	1.00	0.00	13.75	81.82	2.00	0.00	1.00	0.00
13.76	78.84	2.00	0.00	1.00	0.00	13.77	77.12	2.00	0.00	1.00	0.00
13.78	76.98	2.00	0.00	1.00	0.00	13.79	77.59	2.00	0.00	1.00	0.00
13.80	77.00	2.00	0.00	1.00	0.00	13.81	76.26	2.00	0.00	1.00	0.00
13.82	75.27	2.00	0.00	1.00	0.00	13.83	74.68	2.00	0.00	1.00	0.00
13.84	73.34	2.00	0.00	1.00	0.00	13.85	72.24	2.00	0.00	1.00	0.00
13.86	69.72	2.00	0.00	1.00	0.00	13.87	66.58	2.00	0.00	1.00	0.00
13.88	62.38	2.00	0.00	1.00	0.00	13.89	60.29	2.00	0.00	1.00	0.00
13.90	59.26	2.00	0.00	1.00	0.00	13.91	58.32	2.00	0.00	1.00	0.00
13.92	55.91	2.00	0.00	1.00	0.00	13.93	52.23	2.00	0.00	1.00	0.00
13.94	47.65	2.00	0.00	1.00	0.00	13.95	44.10	2.00	0.00	1.00	0.00
13.96	42.37	2.00	0.00	1.00	0.00	13.97	42.62	2.00	0.00	1.00	0.00
13.98	42.65	2.00	0.00	1.00	0.00	13.99	42.73	2.00	0.00	1.00	0.00
14.00	42.53	2.00	0.00	1.00	0.00	14.01	42.28	2.00	0.00	1.00	0.00
14.02	42.02	2.00	0.00	1.00	0.00	14.03	41.97	2.00	0.00	1.00	0.00
14.04	42.12	2.00	0.00	1.00	0.00	14.05	42.04	2.00	0.00	1.00	0.00
14.06	41.83	2.00	0.00	1.00	0.00	14.07	41.55	2.00	0.00	1.00	0.00
14.08	41.28	2.00	0.00	1.00	0.00	14.09	40.81	2.00	0.00	1.00	0.00
14.10	40.59	2.00	0.00	1.00	0.00	14.11	40.66	2.00	0.00	1.00	0.00
14.12	40.72	2.00	0.00	1.00	0.00	14.13	40.24	2.00	0.00	1.00	0.00
14.14	39.39	2.00	0.00	1.00	0.00	14.15	38.92	2.00	0.00	1.00	0.00
14.16	38.77	2.00	0.00	1.00	0.00	14.17	38.72	2.00	0.00	1.00	0.00
14.18	38.61	2.00	0.00	1.00	0.00	14.19	38.78	2.00	0.00	1.00	0.00
14.20	39.27	2.00	0.00	1.00	0.00	14.21	39.79	2.00	0.00	1.00	0.00
14.22	39.69	2.00	0.00	1.00	0.00	14.23	40.56	2.00	0.00	1.00	0.00
14.24	42.52	0.43	4.71	1.00	0.05	14.25	44.69	0.44	4.52	1.00	0.05
14.26	46.26	0.45	4.40	1.00	0.04	14.27	46.41	0.45	4.39	1.00	0.04
14.28	46.38	0.45	4.39	1.00	0.04	14.29	25.74	0.36	5.80	1.00	0.06
14.30	48.09	0.46	4.26	1.00	0.04	14.31	49.90	0.47	4.13	1.00	0.04
14.32	52.78	0.48	3.95	1.00	0.04	14.33	54.59	0.48	3.84	1.00	0.04
14.34	57.40	0.50	3.68	1.00	0.04	14.35	61.34	0.52	3.49	1.00	0.03
14.36	66.88	2.00	0.00	1.00	0.00	14.37	71.95	2.00	0.00	1.00	0.00
14.38	74.69	2.00	0.00	1.00	0.00	14.39	75.52	2.00	0.00	1.00	0.00
14.40	76.66	2.00	0.00	1.00	0.00	14.41	78.40	2.00	0.00	1.00	0.00
14.42	81.06	2.00	0.00	1.00	0.00	14.43	81.90	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	80.88	2.00	0.00	1.00	0.00	14.45	78.47	2.00	0.00	1.00	0.00
14.46	76.90	0.63	2.90	1.00	0.03	14.47	76.50	0.62	2.91	1.00	0.03
14.48	78.01	0.64	2.86	1.00	0.03	14.49	81.68	0.67	2.76	1.00	0.03
14.50	85.97	0.71	2.65	1.00	0.03	14.51	89.23	2.00	0.00	1.00	0.00
14.52	90.54	2.00	0.00	1.00	0.00	14.53	92.92	2.00	0.00	1.00	0.00
14.54	97.56	2.00	0.00	1.00	0.00	14.55	103.08	2.00	0.00	1.00	0.00
14.56	106.10	2.00	0.00	1.00	0.00	14.57	107.40	2.00	0.00	1.00	0.00
14.58	108.36	2.00	0.00	1.00	0.00	14.59	109.61	2.00	0.00	1.00	0.00
14.60	109.85	2.00	0.00	1.00	0.00	14.61	109.26	2.00	0.00	1.00	0.00
14.62	108.76	2.00	0.00	1.00	0.00	14.63	108.89	2.00	0.00	1.00	0.00
14.64	108.53	2.00	0.00	1.00	0.00	14.65	106.63	2.00	0.00	1.00	0.00
14.66	103.29	2.00	0.00	1.00	0.00	14.67	100.62	2.00	0.00	1.00	0.00
14.68	99.31	2.00	0.00	1.00	0.00	14.69	94.33	2.00	0.00	1.00	0.00
14.70	88.81	2.00	0.00	1.00	0.00	14.71	84.00	2.00	0.00	1.00	0.00
14.72	84.33	2.00	0.00	1.00	0.00	14.73	84.22	2.00	0.00	1.00	0.00
14.74	81.71	2.00	0.00	1.00	0.00	14.75	79.03	2.00	0.00	1.00	0.00
14.76	74.22	2.00	0.00	1.00	0.00	14.77	70.68	2.00	0.00	1.00	0.00
14.78	66.39	2.00	0.00	1.00	0.00	14.79	65.11	2.00	0.00	1.00	0.00
14.80	64.61	2.00	0.00	1.00	0.00	14.81	64.31	2.00	0.00	1.00	0.00
14.82	63.41	2.00	0.00	1.00	0.00	14.83	62.89	2.00	0.00	1.00	0.00
14.84	63.10	2.00	0.00	1.00	0.00	14.85	63.61	2.00	0.00	1.00	0.00
14.86	64.06	2.00	0.00	1.00	0.00	14.87	64.32	2.00	0.00	1.00	0.00
14.88	64.06	2.00	0.00	1.00	0.00	14.89	63.71	2.00	0.00	1.00	0.00
14.90	63.53	2.00	0.00	1.00	0.00	14.91	64.07	2.00	0.00	1.00	0.00
14.92	65.17	2.00	0.00	1.00	0.00	14.93	66.31	2.00	0.00	1.00	0.00
14.94	67.82	2.00	0.00	1.00	0.00	14.95	69.67	2.00	0.00	1.00	0.00
14.96	71.24	2.00	0.00	1.00	0.00	14.97	72.19	2.00	0.00	1.00	0.00
14.98	72.50	2.00	0.00	1.00	0.00	14.99	72.35	2.00	0.00	1.00	0.00
15.00	72.19	2.00	0.00	1.00	0.00	15.01	71.74	2.00	0.00	1.00	0.00
15.02	71.24	2.00	0.00	1.00	0.00	15.03	70.61	2.00	0.00	1.00	0.00
15.04	70.26	2.00	0.00	1.00	0.00	15.05	70.31	2.00	0.00	1.00	0.00
15.06	70.75	2.00	0.00	1.00	0.00	15.07	71.87	2.00	0.00	1.00	0.00
15.08	73.49	2.00	0.00	1.00	0.00	15.09	75.02	2.00	0.00	1.00	0.00
15.10	76.61	2.00	0.00	1.00	0.00	15.11	78.27	2.00	0.00	1.00	0.00
15.12	79.92	2.00	0.00	1.00	0.00	15.13	80.78	2.00	0.00	1.00	0.00
15.14	81.79	2.00	0.00	1.00	0.00	15.15	83.03	2.00	0.00	1.00	0.00
15.16	84.83	2.00	0.00	1.00	0.00	15.17	86.74	2.00	0.00	1.00	0.00
15.18	88.18	2.00	0.00	1.00	0.00	15.19	89.87	2.00	0.00	1.00	0.00
15.20	91.26	2.00	0.00	1.00	0.00	15.21	93.38	2.00	0.00	1.00	0.00
15.22	96.02	2.00	0.00	1.00	0.00	15.23	98.29	2.00	0.00	1.00	0.00
15.24	99.90	2.00	0.00	1.00	0.00	15.25	100.41	2.00	0.00	1.00	0.00
15.26	101.18	2.00	0.00	1.00	0.00	15.27	102.91	2.00	0.00	1.00	0.00
15.28	105.12	2.00	0.00	1.00	0.00	15.29	107.38	2.00	0.00	1.00	0.00
15.30	108.60	2.00	0.00	1.00	0.00	15.31	108.75	2.00	0.00	1.00	0.00
15.32	107.90	2.00	0.00	1.00	0.00	15.33	106.54	2.00	0.00	1.00	0.00
15.34	105.07	2.00	0.00	1.00	0.00	15.35	103.89	2.00	0.00	1.00	0.00
15.36	103.34	2.00	0.00	1.00	0.00	15.37	103.78	2.00	0.00	1.00	0.00
15.38	105.57	2.00	0.00	1.00	0.00	15.39	107.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	109.57	2.00	0.00	1.00	0.00	15.41	110.18	2.00	0.00	1.00	0.00
15.42	109.87	2.00	0.00	1.00	0.00	15.43	108.89	2.00	0.00	1.00	0.00
15.44	108.00	2.00	0.00	1.00	0.00	15.45	107.54	2.00	0.00	1.00	0.00
15.46	107.17	2.00	0.00	1.00	0.00	15.47	107.04	2.00	0.00	1.00	0.00
15.48	106.87	2.00	0.00	1.00	0.00	15.49	106.74	2.00	0.00	1.00	0.00
15.50	106.51	2.00	0.00	1.00	0.00	15.51	105.69	2.00	0.00	1.00	0.00
15.52	104.75	2.00	0.00	1.00	0.00	15.53	103.72	2.00	0.00	1.00	0.00
15.54	103.19	2.00	0.00	1.00	0.00	15.55	102.68	2.00	0.00	1.00	0.00
15.56	101.94	2.00	0.00	1.00	0.00	15.57	101.22	2.00	0.00	1.00	0.00
15.58	100.68	2.00	0.00	1.00	0.00	15.59	100.38	2.00	0.00	1.00	0.00
15.60	100.20	2.00	0.00	1.00	0.00	15.61	99.90	2.00	0.00	1.00	0.00
15.62	99.51	2.00	0.00	1.00	0.00	15.63	99.01	2.00	0.00	1.00	0.00
15.64	99.01	2.00	0.00	1.00	0.00	15.65	99.23	2.00	0.00	1.00	0.00
15.66	99.66	2.00	0.00	1.00	0.00	15.67	99.73	2.00	0.00	1.00	0.00
15.68	99.80	2.00	0.00	1.00	0.00	15.69	98.80	2.00	0.00	1.00	0.00
15.70	98.01	2.00	0.00	1.00	0.00	15.71	97.42	2.00	0.00	1.00	0.00
15.72	98.03	2.00	0.00	1.00	0.00	15.73	98.36	2.00	0.00	1.00	0.00
15.74	98.25	2.00	0.00	1.00	0.00	15.75	97.78	2.00	0.00	1.00	0.00
15.76	97.11	2.00	0.00	1.00	0.00	15.77	96.43	2.00	0.00	1.00	0.00
15.78	95.67	2.00	0.00	1.00	0.00	15.79	94.89	2.00	0.00	1.00	0.00
15.80	94.08	2.00	0.00	1.00	0.00	15.81	93.27	2.00	0.00	1.00	0.00
15.82	92.52	2.00	0.00	1.00	0.00	15.83	91.90	2.00	0.00	1.00	0.00
15.84	91.13	2.00	0.00	1.00	0.00	15.85	90.25	2.00	0.00	1.00	0.00
15.86	89.28	2.00	0.00	1.00	0.00	15.87	88.40	2.00	0.00	1.00	0.00
15.88	87.91	2.00	0.00	1.00	0.00	15.89	87.57	2.00	0.00	1.00	0.00
15.90	87.55	2.00	0.00	1.00	0.00	15.91	87.53	2.00	0.00	1.00	0.00
15.92	87.64	2.00	0.00	1.00	0.00	15.93	87.93	2.00	0.00	1.00	0.00
15.94	88.43	2.00	0.00	1.00	0.00	15.95	89.04	2.00	0.00	1.00	0.00
15.96	89.60	2.00	0.00	1.00	0.00	15.97	90.05	2.00	0.00	1.00	0.00
15.98	90.50	2.00	0.00	1.00	0.00	15.99	90.93	2.00	0.00	1.00	0.00
16.00	91.35	2.00	0.00	1.00	0.00	16.01	91.62	2.00	0.00	1.00	0.00
16.02	91.78	2.00	0.00	1.00	0.00	16.03	91.92	2.00	0.00	1.00	0.00
16.04	92.12	2.00	0.00	1.00	0.00	16.05	92.19	2.00	0.00	1.00	0.00
16.06	91.99	2.00	0.00	1.00	0.00	16.07	91.48	2.00	0.00	1.00	0.00
16.08	90.89	2.00	0.00	1.00	0.00	16.09	90.33	2.00	0.00	1.00	0.00
16.10	89.61	2.00	0.00	1.00	0.00	16.11	89.01	2.00	0.00	1.00	0.00
16.12	88.36	2.00	0.00	1.00	0.00	16.13	87.89	2.00	0.00	1.00	0.00
16.14	87.33	2.00	0.00	1.00	0.00	16.15	86.78	2.00	0.00	1.00	0.00
16.16	86.28	2.00	0.00	1.00	0.00	16.17	85.95	2.00	0.00	1.00	0.00
16.18	85.66	2.00	0.00	1.00	0.00	16.19	85.49	2.00	0.00	1.00	0.00
16.20	85.23	2.00	0.00	1.00	0.00	16.21	85.15	2.00	0.00	1.00	0.00
16.22	84.92	2.00	0.00	1.00	0.00	16.23	85.27	2.00	0.00	1.00	0.00
16.24	85.74	2.00	0.00	1.00	0.00	16.25	86.52	2.00	0.00	1.00	0.00
16.26	86.97	2.00	0.00	1.00	0.00	16.27	87.39	2.00	0.00	1.00	0.00
16.28	87.45	2.00	0.00	1.00	0.00	16.29	87.54	2.00	0.00	1.00	0.00
16.30	87.70	2.00	0.00	1.00	0.00	16.31	88.20	2.00	0.00	1.00	0.00
16.32	88.65	2.00	0.00	1.00	0.00	16.33	88.84	2.00	0.00	1.00	0.00
16.34	88.76	2.00	0.00	1.00	0.00	16.35	88.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	87.34	2.00	0.00	1.00	0.00	16.37	86.42	2.00	0.00	1.00	0.00
16.38	85.12	2.00	0.00	1.00	0.00	16.39	84.23	2.00	0.00	1.00	0.00
16.40	83.08	2.00	0.00	1.00	0.00	16.41	82.50	2.00	0.00	1.00	0.00
16.42	82.27	2.00	0.00	1.00	0.00	16.43	82.11	2.00	0.00	1.00	0.00
16.44	81.66	2.00	0.00	1.00	0.00	16.45	81.09	2.00	0.00	1.00	0.00
16.46	80.54	2.00	0.00	1.00	0.00	16.47	80.48	2.00	0.00	1.00	0.00
16.48	80.39	2.00	0.00	1.00	0.00	16.49	80.38	2.00	0.00	1.00	0.00
16.50	79.99	2.00	0.00	1.00	0.00	16.51	79.76	2.00	0.00	1.00	0.00
16.52	79.49	2.00	0.00	1.00	0.00	16.53	79.39	2.00	0.00	1.00	0.00
16.54	79.22	2.00	0.00	1.00	0.00	16.55	78.98	2.00	0.00	1.00	0.00
16.56	78.69	2.00	0.00	1.00	0.00	16.57	78.44	2.00	0.00	1.00	0.00
16.58	78.42	2.00	0.00	1.00	0.00	16.59	78.43	2.00	0.00	1.00	0.00
16.60	77.97	2.00	0.00	1.00	0.00	16.61	77.44	2.00	0.00	1.00	0.00
16.62	77.18	2.00	0.00	1.00	0.00	16.63	77.51	2.00	0.00	1.00	0.00
16.64	77.73	2.00	0.00	1.00	0.00	16.65	77.89	2.00	0.00	1.00	0.00
16.66	78.24	2.00	0.00	1.00	0.00	16.67	78.70	2.00	0.00	1.00	0.00
16.68	79.03	2.00	0.00	1.00	0.00	16.69	76.64	2.00	0.00	1.00	0.00
16.70	74.16	2.00	0.00	1.00	0.00	16.71	72.54	2.00	0.00	1.00	0.00
16.72	73.54	2.00	0.00	1.00	0.00	16.73	75.88	2.00	0.00	1.00	0.00
16.74	77.66	2.00	0.00	1.00	0.00	16.75	79.51	2.00	0.00	1.00	0.00
16.76	80.80	2.00	0.00	1.00	0.00	16.77	82.01	2.00	0.00	1.00	0.00
16.78	83.43	2.00	0.00	1.00	0.00	16.79	84.18	2.00	0.00	1.00	0.00
16.80	84.45	2.00	0.00	1.00	0.00	16.81	84.35	2.00	0.00	1.00	0.00
16.82	84.40	2.00	0.00	1.00	0.00	16.83	85.77	2.00	0.00	1.00	0.00
16.84	87.16	2.00	0.00	1.00	0.00	16.85	89.04	2.00	0.00	1.00	0.00
16.86	90.01	2.00	0.00	1.00	0.00	16.87	90.98	2.00	0.00	1.00	0.00
16.88	91.15	2.00	0.00	1.00	0.00	16.89	91.43	2.00	0.00	1.00	0.00
16.90	91.66	2.00	0.00	1.00	0.00	16.91	91.77	2.00	0.00	1.00	0.00
16.92	91.55	2.00	0.00	1.00	0.00	16.93	91.34	2.00	0.00	1.00	0.00
16.94	91.16	2.00	0.00	1.00	0.00	16.95	90.76	2.00	0.00	1.00	0.00
16.96	90.66	2.00	0.00	1.00	0.00	16.97	90.46	2.00	0.00	1.00	0.00
16.98	90.09	2.00	0.00	1.00	0.00	16.99	89.24	2.00	0.00	1.00	0.00
17.00	88.42	2.00	0.00	1.00	0.00	17.01	87.70	2.00	0.00	1.00	0.00
17.02	86.83	2.00	0.00	1.00	0.00	17.03	85.89	2.00	0.00	1.00	0.00
17.04	85.96	2.00	0.00	1.00	0.00	17.05	86.62	2.00	0.00	1.00	0.00
17.06	87.42	2.00	0.00	1.00	0.00	17.07	87.32	2.00	0.00	1.00	0.00
17.08	86.60	2.00	0.00	1.00	0.00	17.09	85.85	2.00	0.00	1.00	0.00
17.10	85.35	2.00	0.00	1.00	0.00	17.11	85.49	2.00	0.00	1.00	0.00
17.12	85.53	2.00	0.00	1.00	0.00	17.13	85.14	2.00	0.00	1.00	0.00
17.14	84.13	2.00	0.00	1.00	0.00	17.15	83.15	2.00	0.00	1.00	0.00
17.16	82.93	2.00	0.00	1.00	0.00	17.17	83.20	2.00	0.00	1.00	0.00
17.18	83.66	2.00	0.00	1.00	0.00	17.19	83.19	2.00	0.00	1.00	0.00
17.20	82.55	2.00	0.00	1.00	0.00	17.21	82.25	2.00	0.00	1.00	0.00
17.22	82.98	2.00	0.00	1.00	0.00	17.23	83.99	2.00	0.00	1.00	0.00
17.24	84.40	2.00	0.00	1.00	0.00	17.25	83.96	2.00	0.00	1.00	0.00
17.26	82.80	2.00	0.00	1.00	0.00	17.27	81.70	2.00	0.00	1.00	0.00
17.28	80.49	2.00	0.00	1.00	0.00	17.29	79.10	2.00	0.00	1.00	0.00
17.30	77.43	2.00	0.00	1.00	0.00	17.31	75.61	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	74.25	2.00	0.00	1.00	0.00	17.33	73.34	2.00	0.00	1.00	0.00
17.34	73.03	2.00	0.00	1.00	0.00	17.35	72.35	2.00	0.00	1.00	0.00
17.36	71.22	2.00	0.00	1.00	0.00	17.37	69.74	2.00	0.00	1.00	0.00
17.38	68.46	2.00	0.00	1.00	0.00	17.39	67.68	2.00	0.00	1.00	0.00
17.40	67.49	2.00	0.00	1.00	0.00	17.41	67.79	2.00	0.00	1.00	0.00
17.42	68.35	2.00	0.00	1.00	0.00	17.43	68.76	2.00	0.00	1.00	0.00
17.44	70.38	2.00	0.00	1.00	0.00	17.45	72.62	2.00	0.00	1.00	0.00
17.46	75.64	2.00	0.00	1.00	0.00	17.47	78.74	2.00	0.00	1.00	0.00
17.48	81.12	2.00	0.00	1.00	0.00	17.49	82.58	2.00	0.00	1.00	0.00
17.50	82.69	2.00	0.00	1.00	0.00	17.51	82.03	2.00	0.00	1.00	0.00
17.52	81.47	2.00	0.00	1.00	0.00	17.53	81.34	2.00	0.00	1.00	0.00
17.54	82.10	2.00	0.00	1.00	0.00	17.55	83.07	2.00	0.00	1.00	0.00
17.56	83.50	2.00	0.00	1.00	0.00	17.57	83.42	2.00	0.00	1.00	0.00
17.58	83.55	2.00	0.00	1.00	0.00	17.59	83.52	2.00	0.00	1.00	0.00
17.60	83.42	2.00	0.00	1.00	0.00	17.61	83.05	2.00	0.00	1.00	0.00
17.62	83.49	2.00	0.00	1.00	0.00	17.63	84.78	2.00	0.00	1.00	0.00
17.64	86.63	2.00	0.00	1.00	0.00	17.65	89.77	2.00	0.00	1.00	0.00
17.66	92.31	2.00	0.00	1.00	0.00	17.67	94.12	2.00	0.00	1.00	0.00
17.68	97.15	2.00	0.00	1.00	0.00	17.69	101.38	2.00	0.00	1.00	0.00
17.70	105.85	2.00	0.00	1.00	0.00	17.71	107.22	2.00	0.00	1.00	0.00
17.72	107.03	2.00	0.00	1.00	0.00	17.73	106.34	2.00	0.00	1.00	0.00
17.74	106.41	2.00	0.00	1.00	0.00	17.75	107.02	2.00	0.00	1.00	0.00
17.76	108.00	2.00	0.00	1.00	0.00	17.77	108.12	2.00	0.00	1.00	0.00
17.78	107.95	2.00	0.00	1.00	0.00	17.79	106.89	2.00	0.00	1.00	0.00
17.80	105.76	2.00	0.00	1.00	0.00	17.81	104.77	2.00	0.00	1.00	0.00
17.82	104.09	2.00	0.00	1.00	0.00	17.83	103.18	2.00	0.00	1.00	0.00
17.84	100.47	2.00	0.00	1.00	0.00	17.85	97.66	2.00	0.00	1.00	0.00
17.86	95.27	2.00	0.00	1.00	0.00	17.87	94.62	2.00	0.00	1.00	0.00
17.88	94.79	2.00	0.00	1.00	0.00	17.89	95.04	2.00	0.00	1.00	0.00
17.90	95.02	2.00	0.00	1.00	0.00	17.91	93.95	2.00	0.00	1.00	0.00
17.92	91.83	2.00	0.00	1.00	0.00	17.93	89.14	2.00	0.00	1.00	0.00
17.94	85.84	2.00	0.00	1.00	0.00	17.95	83.44	2.00	0.00	1.00	0.00
17.96	82.35	2.00	0.00	1.00	0.00	17.97	82.38	2.00	0.00	1.00	0.00
17.98	82.12	2.00	0.00	1.00	0.00	17.99	81.34	2.00	0.00	1.00	0.00
18.00	80.85	2.00	0.00	1.00	0.00	18.01	81.20	2.00	0.00	1.00	0.00
18.02	81.83	2.00	0.00	1.00	0.00	18.03	81.96	2.00	0.00	1.00	0.00
18.04	81.64	2.00	0.00	1.00	0.00	18.05	80.91	2.00	0.00	1.00	0.00
18.06	80.48	2.00	0.00	1.00	0.00	18.07	80.66	2.00	0.00	1.00	0.00
18.08	81.03	2.00	0.00	1.00	0.00	18.09	79.50	2.00	0.00	1.00	0.00
18.10	77.08	2.00	0.00	1.00	0.00	18.11	75.13	2.00	0.00	1.00	0.00
18.12	75.77	2.00	0.00	1.00	0.00	18.13	77.57	2.00	0.00	1.00	0.00
18.14	81.13	2.00	0.00	1.00	0.00	18.15	85.31	2.00	0.00	1.00	0.00
18.16	89.44	2.00	0.00	1.00	0.00	18.17	91.99	2.00	0.00	1.00	0.00
18.18	93.00	2.00	0.00	1.00	0.00	18.19	92.52	2.00	0.00	1.00	0.00
18.20	91.40	2.00	0.00	1.00	0.00	18.21	90.07	2.00	0.00	1.00	0.00
18.22	88.38	2.00	0.00	1.00	0.00	18.23	85.27	2.00	0.00	1.00	0.00
18.24	81.32	2.00	0.00	1.00	0.00	18.25	78.78	2.00	0.00	1.00	0.00
18.26	79.34	2.00	0.00	1.00	0.00	18.27	82.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	88.81	2.00	0.00	1.00	0.00	18.29	93.55	2.00	0.00	1.00	0.00
18.30	96.51	2.00	0.00	1.00	0.00	18.31	96.90	2.00	0.00	1.00	0.00
18.32	96.77	2.00	0.00	1.00	0.00	18.33	96.43	2.00	0.00	1.00	0.00
18.34	95.23	2.00	0.00	1.00	0.00	18.35	92.98	2.00	0.00	1.00	0.00
18.36	90.74	2.00	0.00	1.00	0.00	18.37	88.98	2.00	0.00	1.00	0.00
18.38	88.43	2.00	0.00	1.00	0.00	18.39	88.71	2.00	0.00	1.00	0.00
18.40	89.57	2.00	0.00	1.00	0.00	18.41	90.85	2.00	0.00	1.00	0.00
18.42	91.45	2.00	0.00	1.00	0.00	18.43	91.72	2.00	0.00	1.00	0.00
18.44	91.72	2.00	0.00	1.00	0.00	18.45	91.39	2.00	0.00	1.00	0.00
18.46	90.89	2.00	0.00	1.00	0.00	18.47	90.25	2.00	0.00	1.00	0.00
18.48	89.09	2.00	0.00	1.00	0.00	18.49	87.19	2.00	0.00	1.00	0.00
18.50	84.72	2.00	0.00	1.00	0.00	18.51	82.06	2.00	0.00	1.00	0.00
18.52	79.92	2.00	0.00	1.00	0.00	18.53	77.82	2.00	0.00	1.00	0.00
18.54	76.54	2.00	0.00	1.00	0.00	18.55	75.59	2.00	0.00	1.00	0.00
18.56	75.71	2.00	0.00	1.00	0.00	18.57	76.31	2.00	0.00	1.00	0.00
18.58	77.61	2.00	0.00	1.00	0.00	18.59	79.76	2.00	0.00	1.00	0.00
18.60	82.04	2.00	0.00	1.00	0.00	18.61	84.33	2.00	0.00	1.00	0.00
18.62	86.03	2.00	0.00	1.00	0.00	18.63	88.39	2.00	0.00	1.00	0.00
18.64	90.64	2.00	0.00	1.00	0.00	18.65	93.07	2.00	0.00	1.00	0.00
18.66	94.31	2.00	0.00	1.00	0.00	18.67	95.05	2.00	0.00	1.00	0.00
18.68	93.51	2.00	0.00	1.00	0.00	18.69	92.71	2.00	0.00	1.00	0.00
18.70	92.44	2.00	0.00	1.00	0.00	18.71	93.50	2.00	0.00	1.00	0.00
18.72	94.09	2.00	0.00	1.00	0.00	18.73	94.19	2.00	0.00	1.00	0.00
18.74	93.60	2.00	0.00	1.00	0.00	18.75	92.60	2.00	0.00	1.00	0.00
18.76	91.66	2.00	0.00	1.00	0.00	18.77	90.38	2.00	0.00	1.00	0.00
18.78	88.55	2.00	0.00	1.00	0.00	18.79	86.00	2.00	0.00	1.00	0.00
18.80	72.27	2.00	0.00	1.00	0.00	18.81	70.71	2.00	0.00	1.00	0.00
18.82	68.85	2.00	0.00	1.00	0.00	18.83	66.87	2.00	0.00	1.00	0.00
18.84	64.94	2.00	0.00	1.00	0.00	18.85	63.15	2.00	0.00	1.00	0.00
18.86	62.02	2.00	0.00	1.00	0.00	18.87	61.20	2.00	0.00	1.00	0.00
18.88	60.95	2.00	0.00	1.00	0.00	18.89	61.14	2.00	0.00	1.00	0.00
18.90	61.37	2.00	0.00	1.00	0.00	18.91	61.37	2.00	0.00	1.00	0.00
18.92	61.10	2.00	0.00	1.00	0.00	18.93	60.36	2.00	0.00	1.00	0.00
18.94	59.16	2.00	0.00	1.00	0.00	18.95	57.27	2.00	0.00	1.00	0.00
18.96	53.87	2.00	0.00	1.00	0.00	18.97	64.89	2.00	0.00	1.00	0.00
18.98	63.19	2.00	0.00	1.00	0.00	18.99	62.93	2.00	0.00	1.00	0.00
19.00	64.45	2.00	0.00	1.00	0.00	19.01	67.30	2.00	0.00	1.00	0.00
19.02	71.25	2.00	0.00	1.00	0.00	19.03	75.28	2.00	0.00	1.00	0.00
19.04	78.86	2.00	0.00	1.00	0.00	19.05	82.02	2.00	0.00	1.00	0.00
19.06	84.79	2.00	0.00	1.00	0.00	19.07	87.46	2.00	0.00	1.00	0.00
19.08	89.55	2.00	0.00	1.00	0.00	19.09	91.07	2.00	0.00	1.00	0.00
19.10	91.80	2.00	0.00	1.00	0.00	19.11	90.66	2.00	0.00	1.00	0.00
19.12	87.66	2.00	0.00	1.00	0.00	19.13	84.50	2.00	0.00	1.00	0.00
19.14	82.42	2.00	0.00	1.00	0.00	19.15	80.58	2.00	0.00	1.00	0.00
19.16	79.26	2.00	0.00	1.00	0.00	19.17	80.32	2.00	0.00	1.00	0.00
19.18	82.64	2.00	0.00	1.00	0.00	19.19	84.94	2.00	0.00	1.00	0.00
19.20	83.69	2.00	0.00	1.00	0.00	19.21	80.42	2.00	0.00	1.00	0.00
19.22	76.70	2.00	0.00	1.00	0.00	19.23	75.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	76.31	2.00	0.00	1.00	0.00	19.25	79.35	2.00	0.00	1.00	0.00
19.26	81.83	2.00	0.00	1.00	0.00	19.27	82.45	2.00	0.00	1.00	0.00
19.28	81.21	2.00	0.00	1.00	0.00	19.29	80.00	2.00	0.00	1.00	0.00
19.30	79.68	2.00	0.00	1.00	0.00	19.31	78.99	2.00	0.00	1.00	0.00
19.32	77.48	2.00	0.00	1.00	0.00	19.33	76.18	2.00	0.00	1.00	0.00
19.34	75.73	2.00	0.00	1.00	0.00	19.35	75.88	2.00	0.00	1.00	0.00
19.36	75.97	2.00	0.00	1.00	0.00	19.37	76.03	2.00	0.00	1.00	0.00
19.38	75.04	2.00	0.00	1.00	0.00	19.39	71.69	2.00	0.00	1.00	0.00
19.40	67.59	2.00	0.00	1.00	0.00	19.41	63.41	2.00	0.00	1.00	0.00
19.42	61.01	2.00	0.00	1.00	0.00	19.43	59.03	2.00	0.00	1.00	0.00
19.44	57.50	2.00	0.00	1.00	0.00	19.45	56.70	2.00	0.00	1.00	0.00
19.46	56.08	2.00	0.00	1.00	0.00	19.47	55.81	2.00	0.00	1.00	0.00
19.48	55.88	2.00	0.00	1.00	0.00	19.49	56.70	2.00	0.00	1.00	0.00
19.50	58.18	2.00	0.00	1.00	0.00	19.51	59.48	2.00	0.00	1.00	0.00
19.52	62.35	2.00	0.00	1.00	0.00	19.53	67.01	2.00	0.00	1.00	0.00
19.54	74.21	2.00	0.00	1.00	0.00	19.55	79.88	2.00	0.00	1.00	0.00
19.56	84.12	2.00	0.00	1.00	0.00	19.57	87.37	2.00	0.00	1.00	0.00
19.58	92.56	2.00	0.00	1.00	0.00	19.59	98.24	2.00	0.00	1.00	0.00
19.60	105.47	2.00	0.00	1.00	0.00	19.61	111.88	2.00	0.00	1.00	0.00
19.62	120.57	2.00	0.00	1.00	0.00	19.63	127.58	2.00	0.00	1.00	0.00
19.64	133.49	2.00	0.00	1.00	0.00	19.65	137.04	2.00	0.00	1.00	0.00
19.66	139.36	2.00	0.00	1.00	0.00	19.67	140.94	2.00	0.00	1.00	0.00
19.68	140.43	2.00	0.00	1.00	0.00	19.69	139.76	2.00	0.00	1.00	0.00
19.70	138.95	2.00	0.00	1.00	0.00	19.71	138.01	2.00	0.00	1.00	0.00
19.72	136.82	2.00	0.00	1.00	0.00	19.73	134.81	2.00	0.00	1.00	0.00
19.74	132.30	2.00	0.00	1.00	0.00	19.75	129.46	2.00	0.00	1.00	0.00
19.76	127.36	2.00	0.00	1.00	0.00	19.77	124.00	2.00	0.00	1.00	0.00
19.78	120.31	2.00	0.00	1.00	0.00	19.79	116.35	2.00	0.00	1.00	0.00
19.80	113.11	2.00	0.00	1.00	0.00	19.81	109.08	2.00	0.00	1.00	0.00
19.82	105.06	2.00	0.00	1.00	0.00	19.83	100.98	2.00	0.00	1.00	0.00
19.84	96.86	2.00	0.00	1.00	0.00	19.85	93.70	2.00	0.00	1.00	0.00
19.86	90.45	2.00	0.00	1.00	0.00	19.87	88.34	2.00	0.00	1.00	0.00
19.88	86.02	2.00	0.00	1.00	0.00	19.89	84.45	2.00	0.00	1.00	0.00
19.90	82.57	2.00	0.00	1.00	0.00	19.91	81.19	2.00	0.00	1.00	0.00
19.92	79.53	2.00	0.00	1.00	0.00	19.93	78.58	2.00	0.00	1.00	0.00
19.94	77.77	2.00	0.00	1.00	0.00	19.95	77.18	2.00	0.00	1.00	0.00
19.96	76.88	2.00	0.00	1.00	0.00	19.97	77.19	2.00	0.00	1.00	0.00
19.98	78.16	2.00	0.00	1.00	0.00	19.99	80.00	2.00	0.00	1.00	0.00
20.00	81.74	2.00	0.00	1.00	0.00	20.01	84.43	2.00	0.00	1.00	0.00
20.02	87.68	2.00	0.00	1.00	0.00	20.03	90.85	2.00	0.00	1.00	0.00
20.04	92.14	2.00	0.00	1.00	0.00	20.05	91.65	2.00	0.00	1.00	0.00
20.06	90.77	2.00	0.00	1.00	0.00	20.07	89.59	2.00	0.00	1.00	0.00
20.08	87.97	2.00	0.00	1.00	0.00	20.09	86.32	2.00	0.00	1.00	0.00
20.10	85.07	2.00	0.00	1.00	0.00	20.11	83.99	2.00	0.00	1.00	0.00
20.12	83.09	2.00	0.00	1.00	0.00						



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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
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**Total estimated settlement: 16.20****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**

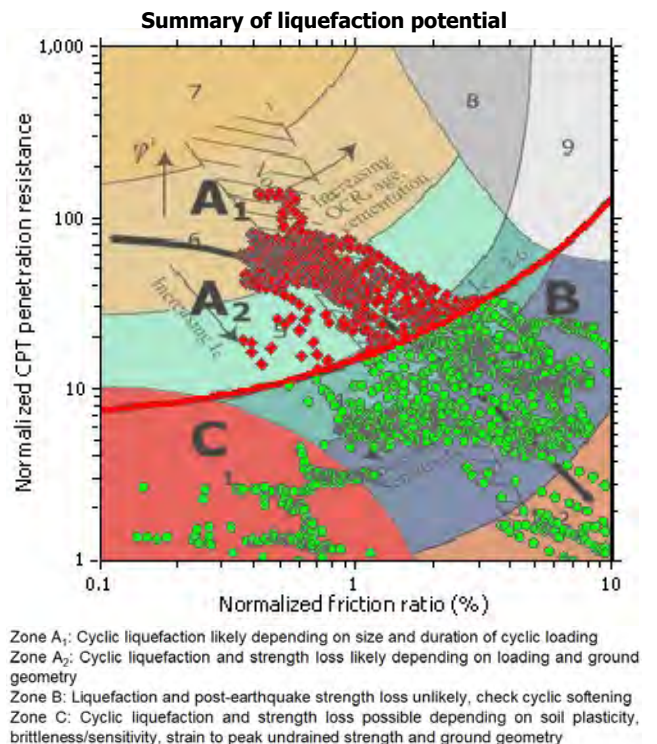
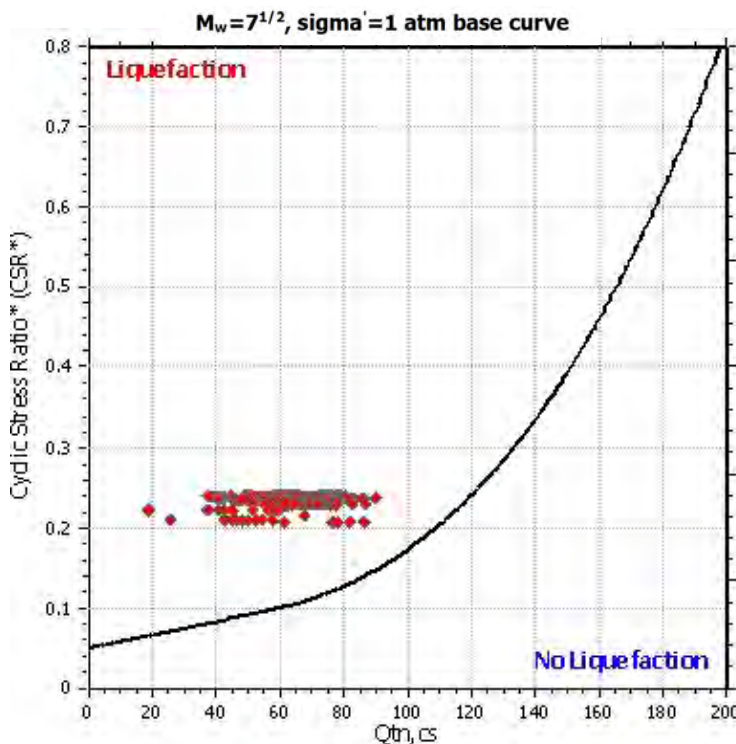
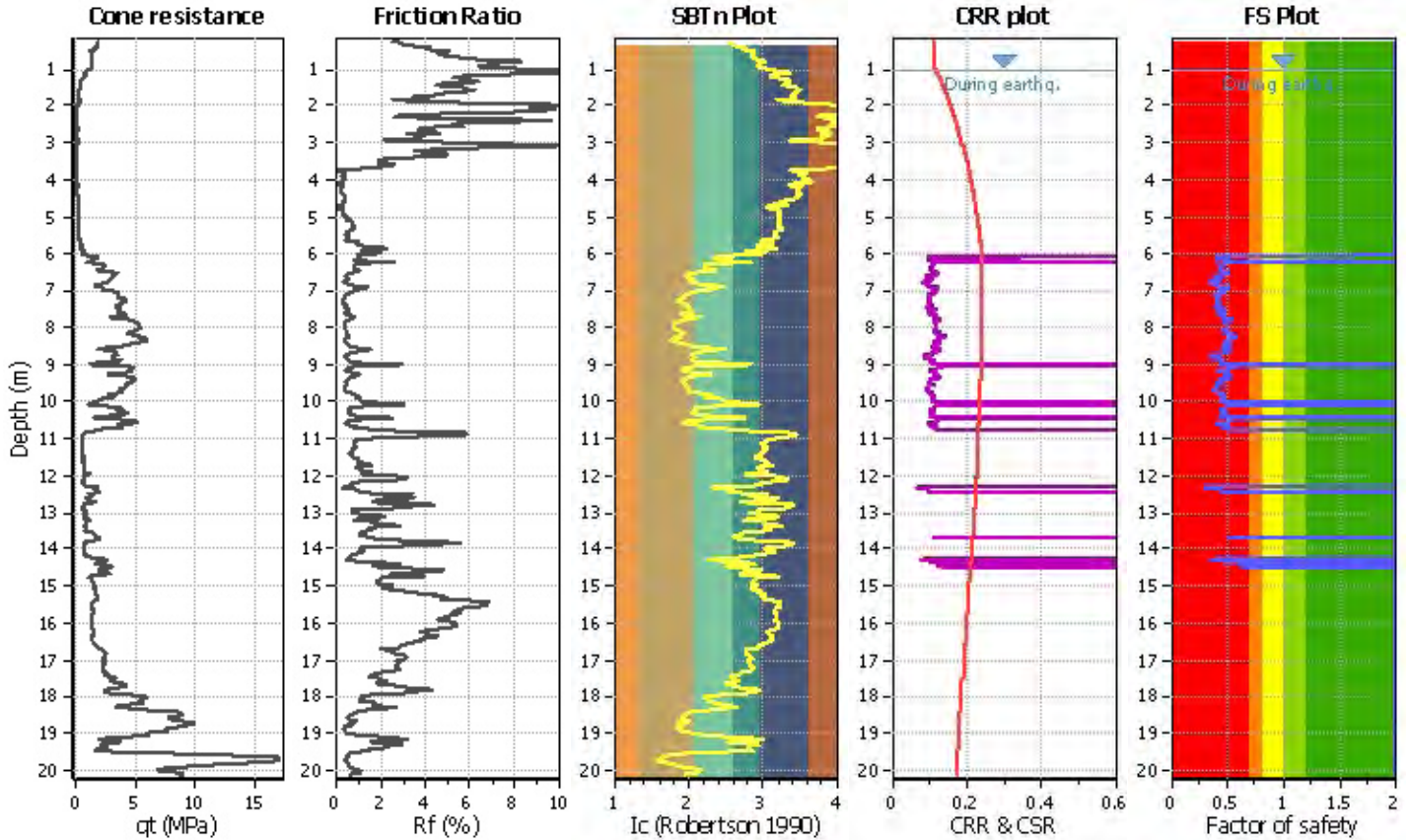
**Project title :**

**Location :**

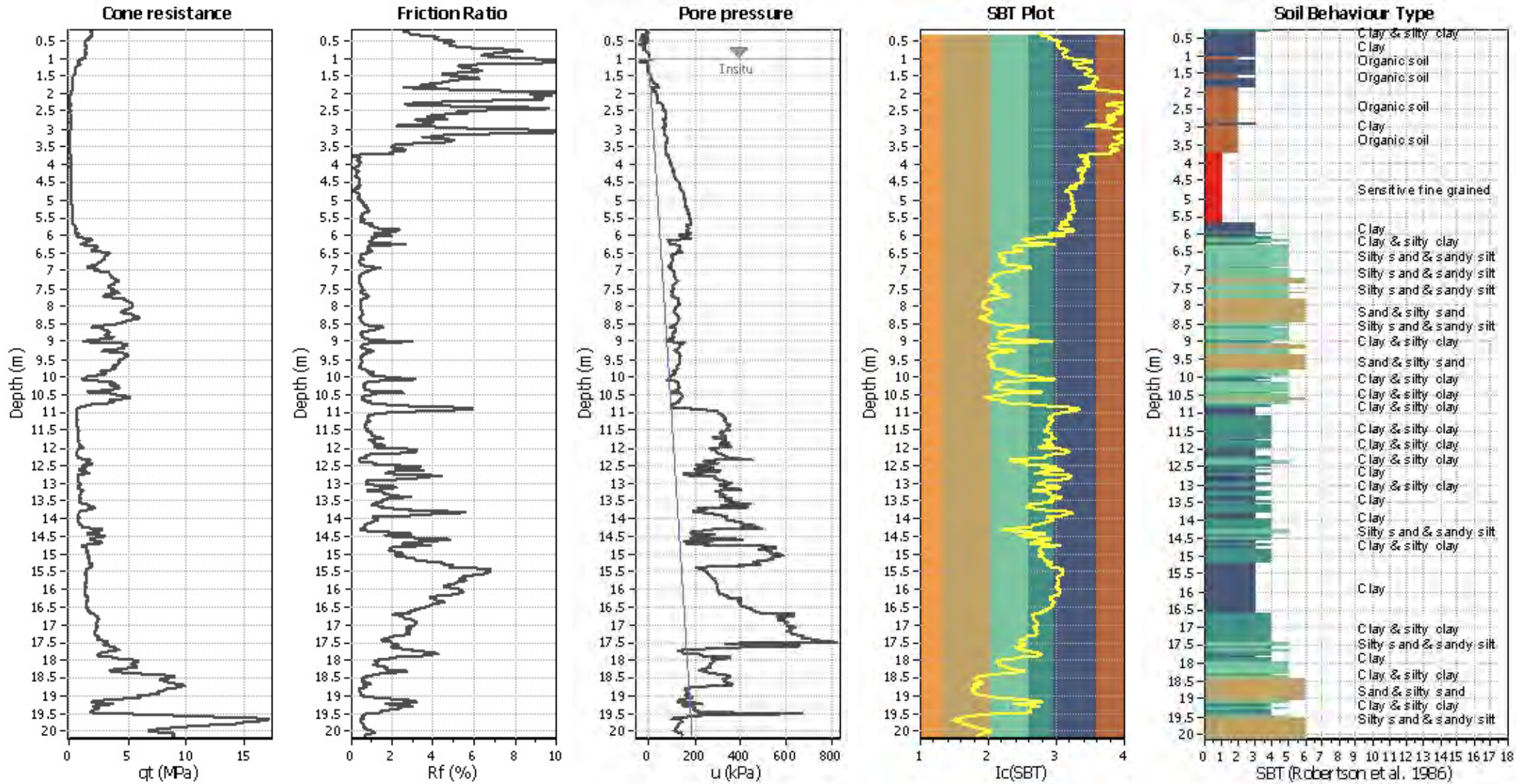
**CPT file : CPTU1 - Area 1**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



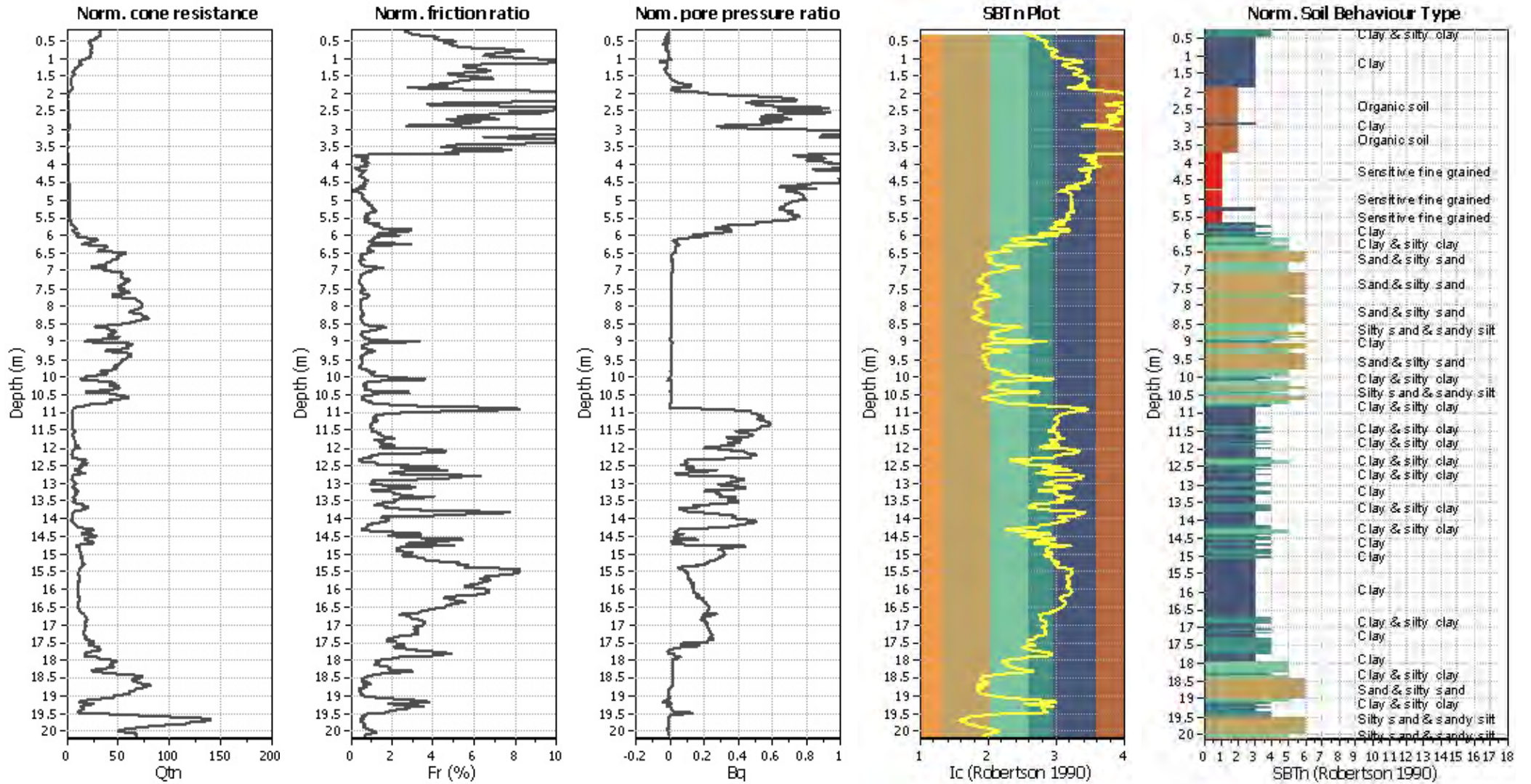
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



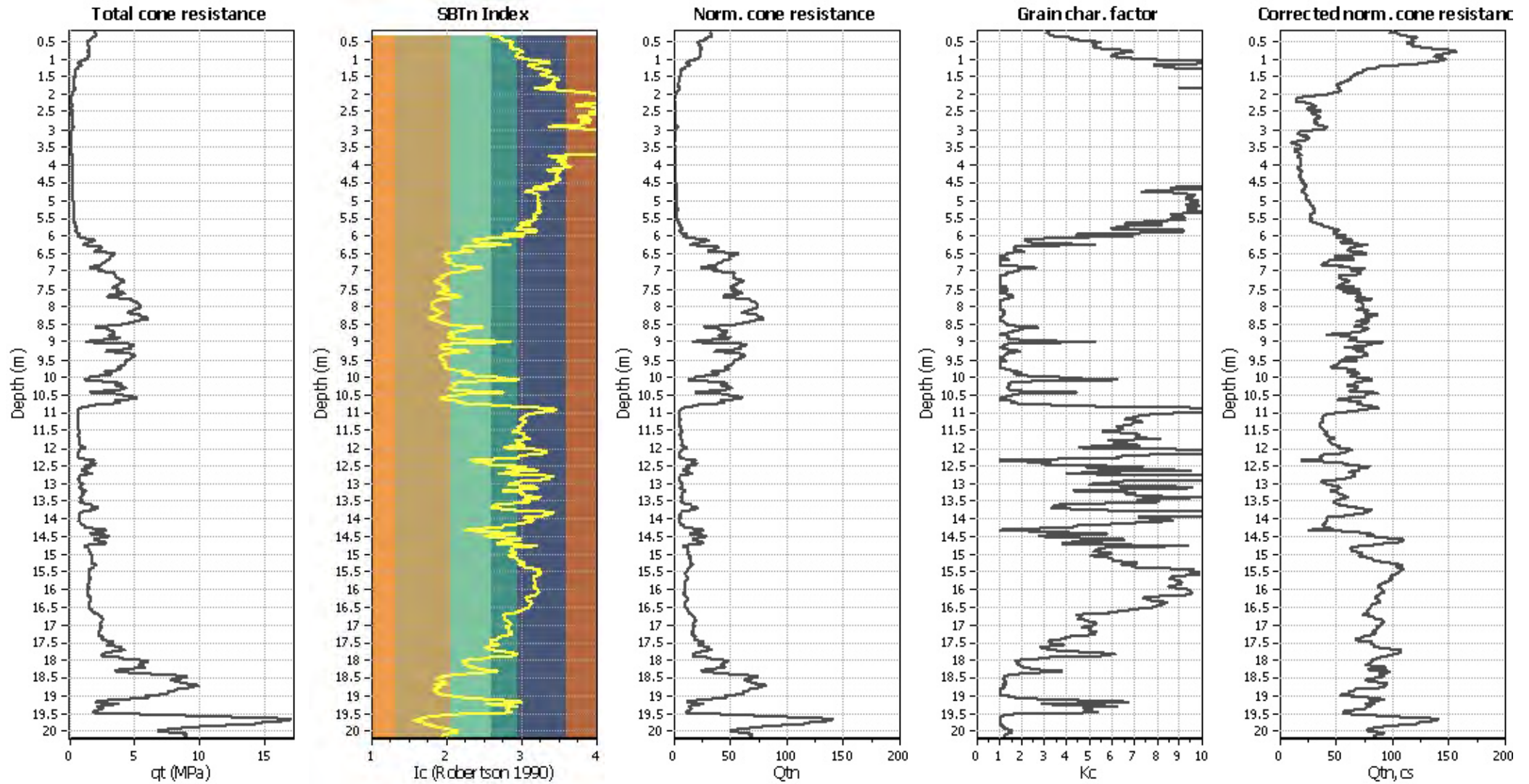
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

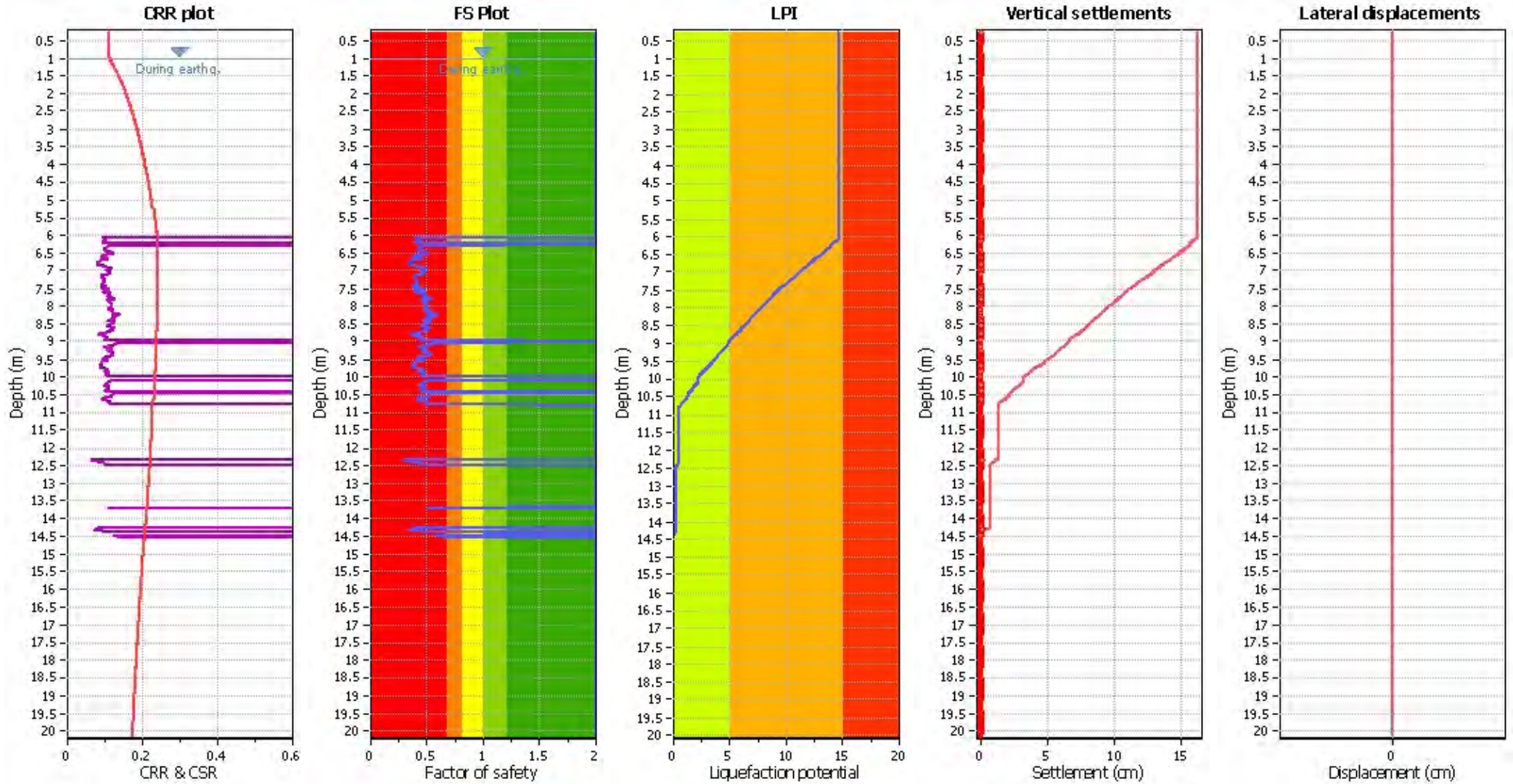
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_{\sigma}$ applied:	Yes
Earthquake magnitude $M_w$ :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

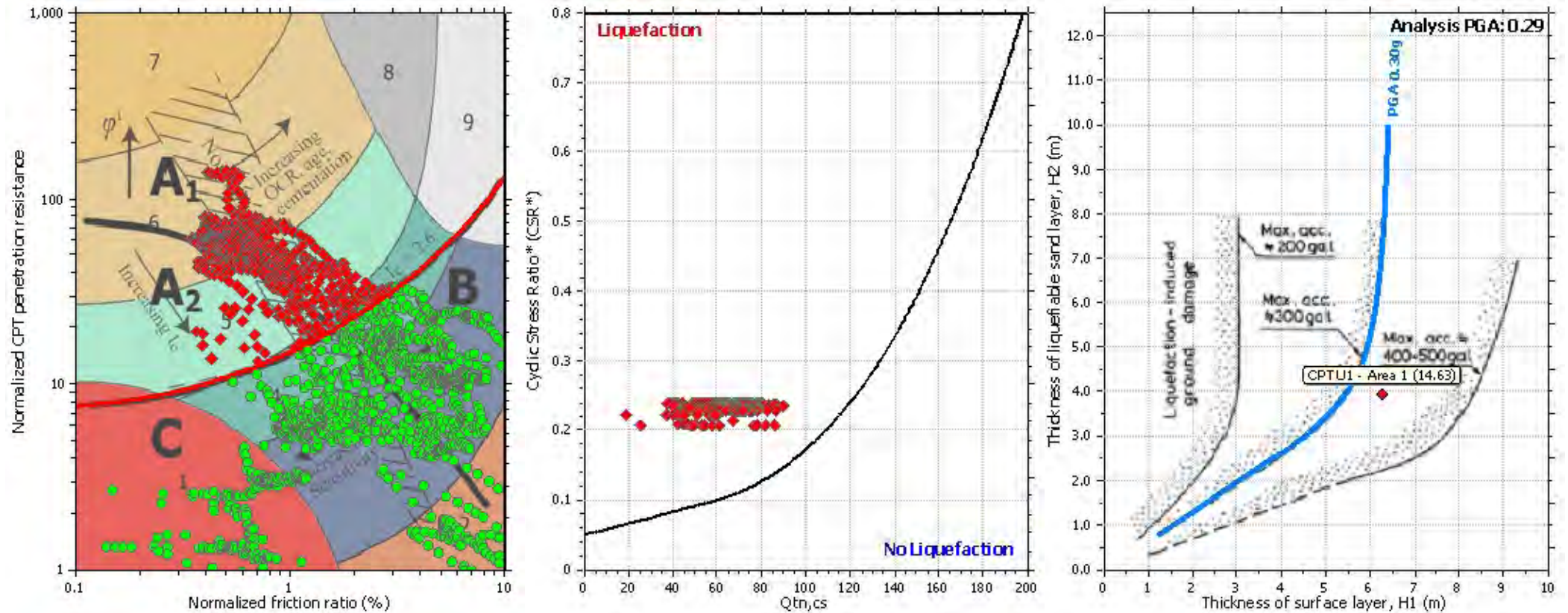
**F.S. color scheme**

- 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

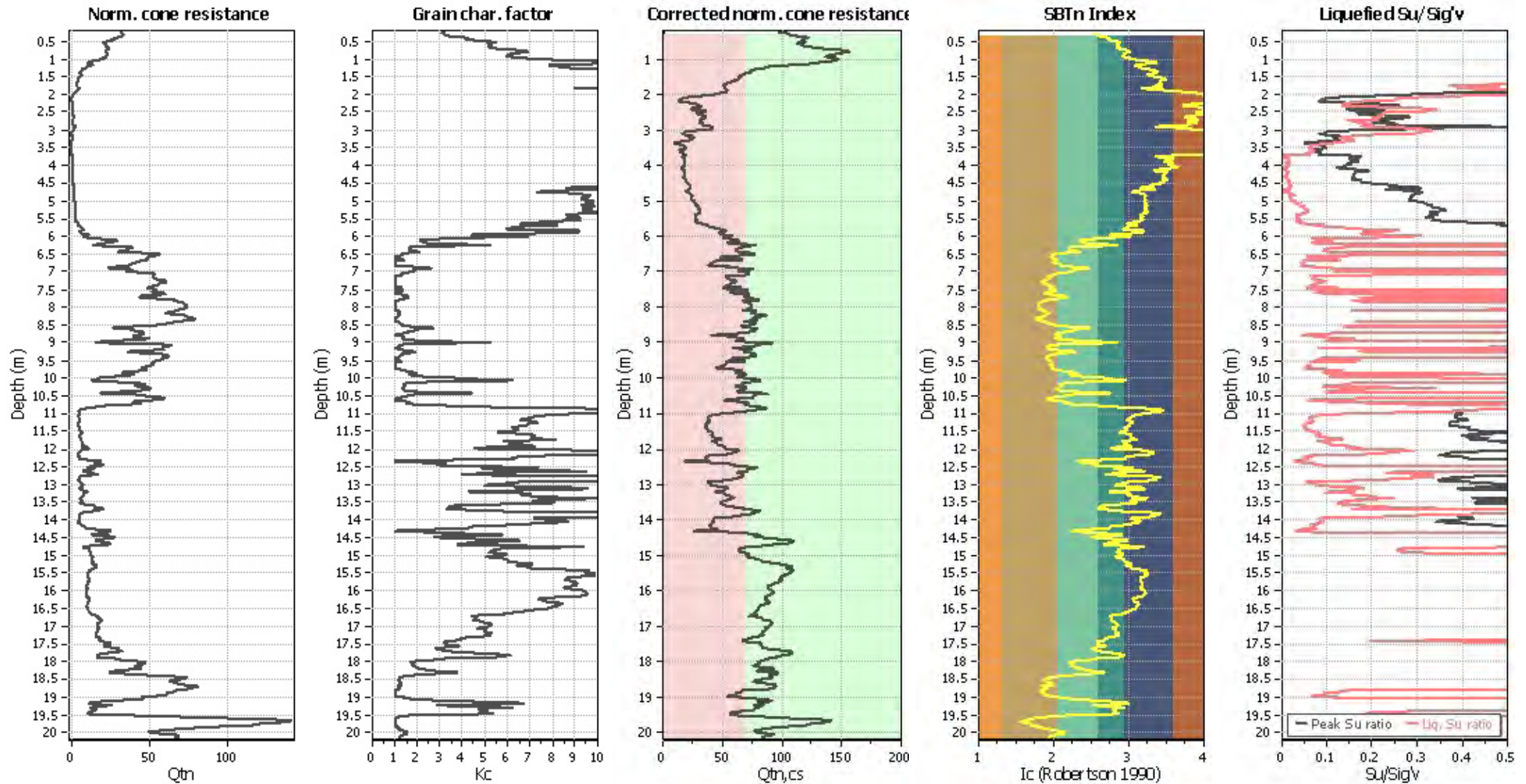
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	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:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	0.40	0.60	6.97	0.01	0.04
6.07	0.41	0.59	6.96	0.01	0.04	6.08	0.42	0.58	6.96	0.01	0.04
6.09	0.42	0.58	6.96	0.01	0.04	6.10	0.43	0.57	6.95	0.01	0.04
6.11	0.44	0.56	6.95	0.01	0.04	6.12	0.44	0.56	6.94	0.01	0.04
6.13	0.43	0.57	6.93	0.01	0.04	6.14	0.43	0.57	6.93	0.01	0.04
6.15	0.42	0.58	6.92	0.01	0.04	6.16	0.41	0.59	6.92	0.01	0.04
6.17	0.40	0.60	6.92	0.01	0.04	6.18	0.40	0.60	6.91	0.01	0.04
6.19	0.40	0.60	6.91	0.01	0.04	6.20	0.41	0.59	6.90	0.01	0.04
6.21	0.43	0.57	6.89	0.01	0.04	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	0.47	0.53	6.87	0.01	0.04	6.28	0.46	0.54	6.86	0.01	0.04
6.29	0.45	0.55	6.86	0.01	0.04	6.30	0.45	0.55	6.85	0.01	0.04
6.31	0.45	0.55	6.84	0.01	0.04	6.32	0.45	0.55	6.84	0.01	0.04
6.33	0.44	0.56	6.83	0.01	0.04	6.34	0.43	0.57	6.83	0.01	0.04
6.35	0.43	0.57	6.83	0.01	0.04	6.36	0.43	0.57	6.82	0.01	0.04
6.37	0.43	0.57	6.82	0.01	0.04	6.38	0.43	0.57	6.81	0.01	0.04
6.39	0.42	0.58	6.80	0.01	0.04	6.40	0.42	0.58	6.80	0.01	0.04
6.41	0.42	0.58	6.79	0.01	0.04	6.42	0.43	0.57	6.79	0.01	0.04
6.43	0.43	0.57	6.79	0.01	0.04	6.44	0.44	0.56	6.78	0.01	0.04
6.45	0.45	0.55	6.78	0.01	0.04	6.46	0.46	0.54	6.77	0.01	0.04
6.47	0.48	0.52	6.76	0.01	0.04	6.48	0.49	0.51	6.76	0.01	0.03
6.49	0.50	0.50	6.75	0.01	0.03	6.50	0.51	0.49	6.75	0.01	0.03
6.51	0.51	0.49	6.75	0.01	0.03	6.52	0.50	0.50	6.74	0.01	0.03
6.53	0.49	0.51	6.74	0.01	0.03	6.54	0.47	0.53	6.73	0.01	0.04
6.55	0.46	0.54	6.72	0.01	0.04	6.56	0.39	0.61	6.72	0.01	0.04
6.57	0.39	0.61	6.71	0.01	0.04	6.58	0.38	0.62	6.71	0.01	0.04
6.59	0.38	0.62	6.71	0.01	0.04	6.60	0.38	0.62	6.70	0.01	0.04
6.61	0.38	0.62	6.70	0.01	0.04	6.62	0.38	0.62	6.69	0.01	0.04
6.63	0.38	0.62	6.68	0.01	0.04	6.64	0.44	0.56	6.68	0.01	0.04
6.65	0.44	0.56	6.67	0.01	0.04	6.66	0.44	0.56	6.67	0.01	0.04
6.67	0.44	0.56	6.67	0.01	0.04	6.68	0.44	0.56	6.66	0.01	0.04
6.69	0.44	0.56	6.66	0.01	0.04	6.70	0.43	0.57	6.65	0.01	0.04
6.71	0.36	0.64	6.64	0.01	0.04	6.72	0.36	0.64	6.64	0.01	0.04
6.73	0.36	0.64	6.63	0.01	0.04	6.74	0.36	0.64	6.63	0.01	0.04
6.75	0.36	0.64	6.63	0.01	0.04	6.76	0.35	0.65	6.62	0.01	0.04
6.77	0.35	0.65	6.62	0.01	0.04	6.78	0.35	0.65	6.61	0.01	0.04
6.79	0.34	0.66	6.61	0.01	0.04	6.80	0.34	0.66	6.60	0.01	0.04
6.81	0.40	0.60	6.59	0.01	0.04	6.82	0.40	0.60	6.59	0.01	0.04
6.83	0.39	0.61	6.58	0.01	0.04	6.84	0.39	0.61	6.58	0.01	0.04
6.85	0.40	0.60	6.58	0.01	0.04	6.86	0.40	0.60	6.57	0.01	0.04
6.87	0.41	0.59	6.57	0.01	0.04	6.88	0.43	0.57	6.56	0.01	0.04
6.89	0.46	0.54	6.55	0.01	0.04	6.90	0.49	0.51	6.55	0.01	0.03
6.91	0.51	0.49	6.54	0.01	0.03	6.92	0.50	0.50	6.54	0.01	0.03
6.93	0.49	0.51	6.54	0.01	0.03	6.94	0.48	0.52	6.53	0.01	0.03
6.95	0.47	0.53	6.53	0.01	0.03	6.96	0.46	0.54	6.52	0.01	0.04
6.97	0.45	0.55	6.51	0.01	0.04	6.98	0.44	0.56	6.51	0.01	0.04

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.99	0.44	0.56	6.50	0.01	0.04	7.00	0.45	0.55	6.50	0.01	0.04
7.01	0.47	0.53	6.50	0.01	0.03	7.02	0.48	0.52	6.49	0.01	0.03
7.03	0.48	0.52	6.49	0.01	0.03	7.04	0.47	0.53	6.48	0.01	0.03
7.05	0.48	0.52	6.47	0.01	0.03	7.06	0.48	0.52	6.47	0.01	0.03
7.07	0.47	0.53	6.46	0.01	0.03	7.08	0.46	0.54	6.46	0.01	0.03
7.09	0.46	0.54	6.46	0.01	0.04	7.10	0.39	0.61	6.45	0.01	0.04
7.11	0.39	0.61	6.45	0.01	0.04	7.12	0.39	0.61	6.44	0.01	0.04
7.13	0.39	0.61	6.43	0.01	0.04	7.14	0.39	0.61	6.43	0.01	0.04
7.15	0.39	0.61	6.42	0.01	0.04	7.16	0.39	0.61	6.42	0.01	0.04
7.17	0.39	0.61	6.42	0.01	0.04	7.18	0.39	0.61	6.41	0.01	0.04
7.19	0.39	0.61	6.41	0.01	0.04	7.20	0.40	0.60	6.40	0.01	0.04
7.21	0.40	0.60	6.39	0.01	0.04	7.22	0.41	0.59	6.39	0.01	0.04
7.23	0.41	0.59	6.38	0.01	0.04	7.24	0.42	0.58	6.38	0.01	0.04
7.25	0.42	0.58	6.38	0.01	0.04	7.26	0.42	0.58	6.37	0.01	0.04
7.27	0.42	0.58	6.37	0.01	0.04	7.28	0.42	0.58	6.36	0.01	0.04
7.29	0.42	0.58	6.36	0.01	0.04	7.30	0.42	0.58	6.35	0.01	0.04
7.31	0.41	0.59	6.34	0.01	0.04	7.32	0.41	0.59	6.34	0.01	0.04
7.33	0.41	0.59	6.33	0.01	0.04	7.34	0.40	0.60	6.33	0.01	0.04
7.35	0.40	0.60	6.33	0.01	0.04	7.36	0.40	0.60	6.32	0.01	0.04
7.37	0.40	0.60	6.32	0.01	0.04	7.38	0.40	0.60	6.31	0.01	0.04
7.39	0.40	0.60	6.30	0.01	0.04	7.40	0.39	0.61	6.30	0.01	0.04
7.41	0.39	0.61	6.29	0.01	0.04	7.42	0.39	0.61	6.29	0.01	0.04
7.43	0.44	0.56	6.29	0.01	0.04	7.44	0.44	0.56	6.28	0.01	0.04
7.45	0.44	0.56	6.28	0.01	0.04	7.46	0.38	0.62	6.27	0.01	0.04
7.47	0.38	0.62	6.26	0.01	0.04	7.48	0.39	0.61	6.26	0.01	0.04
7.49	0.39	0.61	6.25	0.01	0.04	7.50	0.40	0.60	6.25	0.01	0.04
7.51	0.46	0.54	6.25	0.01	0.03	7.52	0.47	0.53	6.24	0.01	0.03
7.53	0.47	0.53	6.24	0.01	0.03	7.54	0.47	0.53	6.23	0.01	0.03
7.55	0.47	0.53	6.22	0.01	0.03	7.56	0.46	0.54	6.22	0.01	0.03
7.57	0.46	0.54	6.21	0.01	0.03	7.58	0.46	0.54	6.21	0.01	0.03
7.59	0.40	0.60	6.21	0.01	0.04	7.60	0.41	0.59	6.20	0.01	0.04
7.61	0.42	0.58	6.20	0.01	0.04	7.62	0.42	0.58	6.19	0.01	0.04
7.63	0.42	0.58	6.18	0.01	0.04	7.64	0.42	0.58	6.18	0.01	0.04
7.65	0.48	0.52	6.17	0.01	0.03	7.66	0.48	0.52	6.17	0.01	0.03
7.67	0.47	0.53	6.17	0.01	0.03	7.68	0.46	0.54	6.16	0.01	0.03
7.69	0.46	0.54	6.16	0.01	0.03	7.70	0.46	0.54	6.15	0.01	0.03
7.71	0.46	0.54	6.14	0.01	0.03	7.72	0.46	0.54	6.14	0.01	0.03
7.73	0.48	0.52	6.13	0.01	0.03	7.74	0.50	0.50	6.13	0.01	0.03
7.75	0.52	0.48	6.13	0.01	0.03	7.76	0.53	0.47	6.12	0.01	0.03
7.77	0.54	0.46	6.12	0.01	0.03	7.78	0.54	0.46	6.11	0.01	0.03
7.79	0.54	0.46	6.11	0.01	0.03	7.80	0.53	0.47	6.10	0.01	0.03
7.81	0.53	0.47	6.09	0.01	0.03	7.82	0.45	0.55	6.09	0.01	0.03
7.83	0.46	0.54	6.08	0.01	0.03	7.84	0.46	0.54	6.08	0.01	0.03
7.85	0.47	0.53	6.08	0.01	0.03	7.86	0.47	0.53	6.07	0.01	0.03
7.87	0.48	0.52	6.07	0.01	0.03	7.88	0.48	0.52	6.06	0.01	0.03
7.89	0.48	0.52	6.05	0.01	0.03	7.90	0.48	0.52	6.05	0.01	0.03
7.91	0.49	0.51	6.04	0.01	0.03	7.92	0.49	0.51	6.04	0.01	0.03
7.93	0.49	0.51	6.04	0.01	0.03	7.94	0.49	0.51	6.03	0.01	0.03



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.95	0.49	0.51	6.03	0.01	0.03	7.96	0.49	0.51	6.02	0.01	0.03
7.97	0.49	0.51	6.01	0.01	0.03	7.98	0.49	0.51	6.01	0.01	0.03
7.99	0.49	0.51	6.00	0.01	0.03	8.00	0.50	0.50	6.00	0.01	0.03
8.01	0.49	0.51	6.00	0.01	0.03	8.02	0.49	0.51	5.99	0.01	0.03
8.03	0.49	0.51	5.99	0.01	0.03	8.04	0.48	0.52	5.98	0.01	0.03
8.05	0.48	0.52	5.97	0.01	0.03	8.06	0.47	0.53	5.97	0.01	0.03
8.07	0.47	0.53	5.96	0.01	0.03	8.08	0.46	0.54	5.96	0.01	0.03
8.09	0.46	0.54	5.96	0.01	0.03	8.10	0.52	0.48	5.95	0.01	0.03
8.11	0.52	0.48	5.95	0.01	0.03	8.12	0.52	0.48	5.94	0.01	0.03
8.13	0.51	0.49	5.93	0.01	0.03	8.14	0.50	0.50	5.93	0.01	0.03
8.15	0.50	0.50	5.92	0.01	0.03	8.16	0.49	0.51	5.92	0.01	0.03
8.17	0.50	0.50	5.92	0.01	0.03	8.18	0.50	0.50	5.91	0.01	0.03
8.19	0.52	0.48	5.91	0.01	0.03	8.20	0.54	0.46	5.90	0.01	0.03
8.21	0.56	0.44	5.89	0.01	0.03	8.22	0.58	0.42	5.89	0.01	0.02
8.23	0.59	0.41	5.88	0.01	0.02	8.24	0.59	0.41	5.88	0.01	0.02
8.25	0.59	0.41	5.88	0.01	0.02	8.26	0.58	0.42	5.87	0.01	0.02
8.27	0.58	0.42	5.87	0.01	0.02	8.28	0.50	0.50	5.86	0.01	0.03
8.29	0.51	0.49	5.86	0.01	0.03	8.30	0.52	0.48	5.85	0.01	0.03
8.31	0.53	0.47	5.84	0.01	0.03	8.32	0.53	0.47	5.84	0.01	0.03
8.33	0.53	0.47	5.83	0.01	0.03	8.34	0.53	0.47	5.83	0.01	0.03
8.35	0.53	0.47	5.83	0.01	0.03	8.36	0.52	0.48	5.82	0.01	0.03
8.37	0.51	0.49	5.82	0.01	0.03	8.38	0.50	0.50	5.81	0.01	0.03
8.39	0.49	0.51	5.80	0.01	0.03	8.40	0.48	0.52	5.80	0.01	0.03
8.41	0.47	0.53	5.79	0.01	0.03	8.42	0.46	0.54	5.79	0.01	0.03
8.43	0.53	0.47	5.79	0.01	0.03	8.44	0.52	0.48	5.78	0.01	0.03
8.45	0.52	0.48	5.78	0.01	0.03	8.46	0.52	0.48	5.77	0.01	0.03
8.47	0.51	0.49	5.76	0.01	0.03	8.48	0.51	0.49	5.76	0.01	0.03
8.49	0.50	0.50	5.75	0.01	0.03	8.50	0.49	0.51	5.75	0.01	0.03
8.51	0.48	0.52	5.75	0.01	0.03	8.52	0.48	0.52	5.74	0.01	0.03
8.53	0.46	0.54	5.74	0.01	0.03	8.54	0.46	0.54	5.73	0.01	0.03
8.55	0.45	0.55	5.72	0.01	0.03	8.56	0.45	0.55	5.72	0.01	0.03
8.57	0.46	0.54	5.71	0.01	0.03	8.58	0.48	0.52	5.71	0.01	0.03
8.59	0.49	0.51	5.71	0.01	0.03	8.60	0.50	0.50	5.70	0.01	0.03
8.61	0.52	0.48	5.70	0.01	0.03	8.62	0.53	0.47	5.69	0.01	0.03
8.63	0.53	0.47	5.68	0.01	0.03	8.64	0.51	0.49	5.68	0.01	0.03
8.65	0.50	0.50	5.67	0.01	0.03	8.66	0.49	0.51	5.67	0.01	0.03
8.67	0.49	0.51	5.67	0.01	0.03	8.68	0.49	0.51	5.66	0.01	0.03
8.69	0.49	0.51	5.66	0.01	0.03	8.70	0.48	0.52	5.65	0.01	0.03
8.71	0.46	0.54	5.64	0.01	0.03	8.72	0.45	0.55	5.64	0.01	0.03
8.73	0.43	0.57	5.63	0.01	0.03	8.74	0.43	0.57	5.63	0.01	0.03
8.75	0.43	0.57	5.63	0.01	0.03	8.76	0.42	0.58	5.62	0.01	0.03
8.77	0.36	0.64	5.62	0.01	0.04	8.78	0.36	0.64	5.61	0.01	0.04
8.79	0.36	0.64	5.61	0.01	0.04	8.80	0.35	0.65	5.60	0.01	0.04
8.81	0.41	0.59	5.59	0.01	0.03	8.82	0.41	0.59	5.59	0.01	0.03
8.83	0.42	0.58	5.58	0.01	0.03	8.84	0.42	0.58	5.58	0.01	0.03
8.85	0.44	0.56	5.58	0.01	0.03	8.86	0.45	0.55	5.57	0.01	0.03
8.87	0.46	0.54	5.57	0.01	0.03	8.88	0.46	0.54	5.56	0.01	0.03
8.89	0.46	0.54	5.55	0.01	0.03	8.90	0.45	0.55	5.55	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.91	0.45	0.55	5.54	0.01	0.03	8.92	0.44	0.56	5.54	0.01	0.03
8.93	0.43	0.57	5.54	0.01	0.03	8.94	0.43	0.57	5.53	0.01	0.03
8.95	0.44	0.56	5.53	0.01	0.03	8.96	0.45	0.55	5.52	0.01	0.03
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	0.62	0.38	5.50	0.01	0.02	9.02	0.59	0.41	5.49	0.01	0.02
9.03	0.55	0.45	5.49	0.01	0.02	9.04	0.55	0.45	5.48	0.01	0.02
9.05	0.55	0.45	5.47	0.01	0.02	9.06	0.55	0.45	5.47	0.01	0.02
9.07	0.55	0.45	5.46	0.01	0.02	9.08	0.53	0.47	5.46	0.01	0.03
9.09	0.51	0.49	5.46	0.01	0.03	9.10	0.51	0.49	5.45	0.01	0.03
9.11	0.50	0.50	5.45	0.01	0.03	9.12	0.49	0.51	5.44	0.01	0.03
9.13	0.49	0.51	5.43	0.01	0.03	9.14	0.42	0.58	5.43	0.01	0.03
9.15	0.42	0.58	5.42	0.01	0.03	9.16	0.42	0.58	5.42	0.01	0.03
9.17	0.42	0.58	5.42	0.01	0.03	9.18	0.49	0.51	5.41	0.01	0.03
9.19	0.50	0.50	5.41	0.01	0.03	9.20	0.50	0.50	5.40	0.01	0.03
9.21	0.50	0.50	5.39	0.01	0.03	9.22	0.49	0.51	5.39	0.01	0.03
9.23	0.48	0.52	5.38	0.01	0.03	9.24	0.47	0.53	5.38	0.01	0.03
9.25	0.47	0.53	5.38	0.01	0.03	9.26	0.47	0.53	5.37	0.01	0.03
9.27	0.48	0.52	5.37	0.01	0.03	9.28	0.49	0.51	5.36	0.01	0.03
9.29	0.50	0.50	5.36	0.01	0.03	9.30	0.51	0.49	5.35	0.01	0.03
9.31	0.52	0.48	5.34	0.01	0.03	9.32	0.52	0.48	5.34	0.01	0.03
9.33	0.52	0.48	5.33	0.01	0.03	9.34	0.53	0.47	5.33	0.01	0.03
9.35	0.53	0.47	5.33	0.01	0.02	9.36	0.53	0.47	5.32	0.01	0.02
9.37	0.53	0.47	5.32	0.01	0.03	9.38	0.52	0.48	5.31	0.01	0.03
9.39	0.52	0.48	5.30	0.01	0.03	9.40	0.51	0.49	5.30	0.01	0.03
9.41	0.51	0.49	5.29	0.01	0.03	9.42	0.43	0.57	5.29	0.01	0.03
9.43	0.43	0.57	5.29	0.01	0.03	9.44	0.43	0.57	5.28	0.01	0.03
9.45	0.42	0.58	5.28	0.01	0.03	9.46	0.42	0.58	5.27	0.01	0.03
9.47	0.42	0.58	5.26	0.01	0.03	9.48	0.42	0.58	5.26	0.01	0.03
9.49	0.42	0.58	5.25	0.01	0.03	9.50	0.41	0.59	5.25	0.01	0.03
9.51	0.41	0.59	5.25	0.01	0.03	9.52	0.41	0.59	5.24	0.01	0.03
9.53	0.47	0.53	5.24	0.01	0.03	9.54	0.47	0.53	5.23	0.01	0.03
9.55	0.46	0.54	5.22	0.01	0.03	9.56	0.46	0.54	5.22	0.01	0.03
9.57	0.46	0.54	5.21	0.01	0.03	9.58	0.40	0.60	5.21	0.01	0.03
9.59	0.40	0.60	5.21	0.01	0.03	9.60	0.40	0.60	5.20	0.01	0.03
9.61	0.40	0.60	5.20	0.01	0.03	9.62	0.40	0.60	5.19	0.01	0.03
9.63	0.40	0.60	5.18	0.01	0.03	9.64	0.39	0.61	5.18	0.01	0.03
9.65	0.39	0.61	5.17	0.01	0.03	9.66	0.39	0.61	5.17	0.01	0.03
9.67	0.38	0.62	5.17	0.01	0.03	9.68	0.38	0.62	5.16	0.01	0.03
9.69	0.38	0.62	5.16	0.01	0.03	9.70	0.38	0.62	5.15	0.01	0.03
9.71	0.38	0.62	5.14	0.01	0.03	9.72	0.38	0.62	5.14	0.01	0.03
9.73	0.38	0.62	5.13	0.01	0.03	9.74	0.39	0.61	5.13	0.01	0.03
9.75	0.45	0.55	5.13	0.01	0.03	9.76	0.45	0.55	5.12	0.01	0.03
9.77	0.46	0.54	5.12	0.01	0.03	9.78	0.46	0.54	5.11	0.01	0.03
9.79	0.46	0.54	5.11	0.01	0.03	9.80	0.45	0.55	5.10	0.01	0.03
9.81	0.45	0.55	5.09	0.01	0.03	9.82	0.44	0.56	5.09	0.01	0.03
9.83	0.43	0.57	5.08	0.01	0.03	9.84	0.44	0.56	5.08	0.01	0.03
9.85	0.45	0.55	5.08	0.01	0.03	9.86	0.47	0.53	5.07	0.01	0.03

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.87	0.48	0.52	5.07	0.01	0.03	9.88	0.47	0.53	5.06	0.01	0.03
9.89	0.46	0.54	5.05	0.01	0.03	9.90	0.46	0.54	5.05	0.01	0.03
9.91	0.47	0.53	5.04	0.01	0.03	9.92	0.46	0.54	5.04	0.01	0.03
9.93	0.46	0.54	5.04	0.01	0.03	9.94	0.45	0.55	5.03	0.01	0.03
9.95	0.44	0.56	5.03	0.01	0.03	9.96	0.45	0.55	5.02	0.01	0.03
9.97	0.46	0.54	5.01	0.01	0.03	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	0.51	0.49	4.95	0.01	0.02	10.12	0.48	0.52	4.94	0.01	0.03
10.13	0.47	0.53	4.93	0.01	0.03	10.14	0.47	0.53	4.93	0.01	0.03
10.15	0.47	0.53	4.92	0.01	0.03	10.16	0.47	0.53	4.92	0.01	0.03
10.17	0.46	0.54	4.92	0.01	0.03	10.18	0.46	0.54	4.91	0.01	0.03
10.19	0.46	0.54	4.91	0.01	0.03	10.20	0.46	0.54	4.90	0.01	0.03
10.21	0.45	0.55	4.89	0.01	0.03	10.22	0.44	0.56	4.89	0.01	0.03
10.23	0.44	0.56	4.88	0.01	0.03	10.24	0.44	0.56	4.88	0.01	0.03
10.25	0.45	0.55	4.88	0.01	0.03	10.26	0.46	0.54	4.87	0.01	0.03
10.27	0.48	0.52	4.87	0.01	0.03	10.28	0.48	0.52	4.86	0.01	0.03
10.29	0.48	0.52	4.86	0.01	0.03	10.30	0.48	0.52	4.85	0.01	0.03
10.31	0.48	0.52	4.84	0.01	0.03	10.32	0.48	0.52	4.84	0.01	0.03
10.33	0.47	0.53	4.83	0.01	0.03	10.34	0.47	0.53	4.83	0.01	0.03
10.35	0.46	0.54	4.83	0.01	0.03	10.36	0.45	0.55	4.82	0.01	0.03
10.37	0.45	0.55	4.82	0.01	0.03	10.38	0.44	0.56	4.81	0.01	0.03
10.39	0.44	0.56	4.80	0.01	0.03	10.40	0.45	0.55	4.80	0.01	0.03
10.41	0.47	0.53	4.79	0.01	0.03	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	0.61	0.39	4.77	0.01	0.02
10.47	0.58	0.42	4.76	0.01	0.02	10.48	0.54	0.46	4.76	0.01	0.02
10.49	0.52	0.48	4.75	0.01	0.02	10.50	0.52	0.48	4.75	0.01	0.02
10.51	0.53	0.47	4.75	0.01	0.02	10.52	0.52	0.48	4.74	0.01	0.02
10.53	0.52	0.48	4.74	0.01	0.02	10.54	0.51	0.49	4.73	0.01	0.02
10.55	0.51	0.49	4.72	0.01	0.02	10.56	0.51	0.49	4.72	0.01	0.02
10.57	0.43	0.57	4.71	0.01	0.03	10.58	0.43	0.57	4.71	0.01	0.03
10.59	0.42	0.58	4.71	0.01	0.03	10.60	0.42	0.58	4.70	0.01	0.03
10.61	0.40	0.60	4.70	0.01	0.03	10.62	0.45	0.55	4.69	0.01	0.03
10.63	0.45	0.55	4.68	0.01	0.03	10.64	0.45	0.55	4.68	0.01	0.03
10.65	0.45	0.55	4.67	0.01	0.03	10.66	0.46	0.54	4.67	0.01	0.03
10.67	0.48	0.52	4.67	0.01	0.02	10.68	0.49	0.51	4.66	0.01	0.02
10.69	0.50	0.50	4.66	0.01	0.02	10.70	0.49	0.51	4.65	0.01	0.02
10.71	0.48	0.52	4.64	0.01	0.02	10.72	0.48	0.52	4.64	0.01	0.02
10.73	0.49	0.51	4.63	0.01	0.02	10.74	0.50	0.50	4.63	0.01	0.02
10.75	0.50	0.50	4.63	0.01	0.02	10.76	0.50	0.50	4.62	0.01	0.02
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	0.36	0.64	3.83	0.01	0.02	12.34	0.37	0.63	3.83	0.01	0.02
12.35	0.30	0.70	3.83	0.01	0.03	12.36	0.30	0.70	3.82	0.01	0.03
12.37	0.38	0.62	3.81	0.01	0.02	12.38	0.38	0.62	3.81	0.01	0.02
12.39	0.39	0.61	3.81	0.01	0.02	12.40	0.42	0.58	3.80	0.01	0.02
12.41	0.43	0.57	3.79	0.01	0.02	12.42	0.45	0.55	3.79	0.01	0.02
12.43	0.45	0.55	3.79	0.01	0.02	12.44	0.44	0.56	3.78	0.01	0.02
12.45	0.45	0.55	3.77	0.01	0.02	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	0.51	0.49	3.16	0.01	0.02
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.71	2.00	0.00	3.15	0.01	0.00	13.72	2.00	0.00	3.14	0.01	0.00
13.73	2.00	0.00	3.13	0.01	0.00	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	2.00	0.00	3.10	0.01	0.00
13.81	2.00	0.00	3.10	0.01	0.00	13.82	2.00	0.00	3.09	0.01	0.00
13.83	2.00	0.00	3.08	0.01	0.00	13.84	2.00	0.00	3.08	0.01	0.00
13.85	2.00	0.00	3.08	0.01	0.00	13.86	2.00	0.00	3.07	0.01	0.00
13.87	2.00	0.00	3.06	0.01	0.00	13.88	2.00	0.00	3.06	0.01	0.00
13.89	2.00	0.00	3.06	0.01	0.00	13.90	2.00	0.00	3.05	0.01	0.00
13.91	2.00	0.00	3.04	0.01	0.00	13.92	2.00	0.00	3.04	0.01	0.00
13.93	2.00	0.00	3.04	0.01	0.00	13.94	2.00	0.00	3.03	0.01	0.00
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	2.00	0.00	2.96	0.01	0.00	14.08	2.00	0.00	2.96	0.01	0.00
14.09	2.00	0.00	2.96	0.01	0.00	14.10	2.00	0.00	2.95	0.01	0.00
14.11	2.00	0.00	2.94	0.01	0.00	14.12	2.00	0.00	2.94	0.01	0.00
14.13	2.00	0.00	2.94	0.01	0.00	14.14	2.00	0.00	2.93	0.01	0.00
14.15	2.00	0.00	2.92	0.01	0.00	14.16	2.00	0.00	2.92	0.01	0.00
14.17	2.00	0.00	2.92	0.01	0.00	14.18	2.00	0.00	2.91	0.01	0.00
14.19	2.00	0.00	2.90	0.01	0.00	14.20	2.00	0.00	2.90	0.01	0.00
14.21	2.00	0.00	2.90	0.01	0.00	14.22	2.00	0.00	2.89	0.01	0.00
14.23	2.00	0.00	2.88	0.01	0.00	14.24	0.41	0.59	2.88	0.01	0.02
14.25	0.42	0.58	2.88	0.01	0.02	14.26	0.42	0.58	2.87	0.01	0.02
14.27	0.42	0.58	2.87	0.01	0.02	14.28	0.42	0.58	2.86	0.01	0.02
14.29	0.34	0.66	2.85	0.01	0.02	14.30	0.43	0.57	2.85	0.01	0.02
14.31	0.44	0.56	2.85	0.01	0.02	14.32	0.45	0.55	2.84	0.01	0.02
14.33	0.46	0.54	2.83	0.01	0.02	14.34	0.47	0.53	2.83	0.01	0.02
14.35	0.49	0.51	2.83	0.01	0.01	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	0.59	0.41	2.77	0.01	0.01
14.47	0.59	0.41	2.77	0.01	0.01	14.48	0.60	0.40	2.76	0.01	0.01
14.49	0.63	0.37	2.75	0.01	0.01	14.50	0.67	0.33	2.75	0.01	0.01
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00

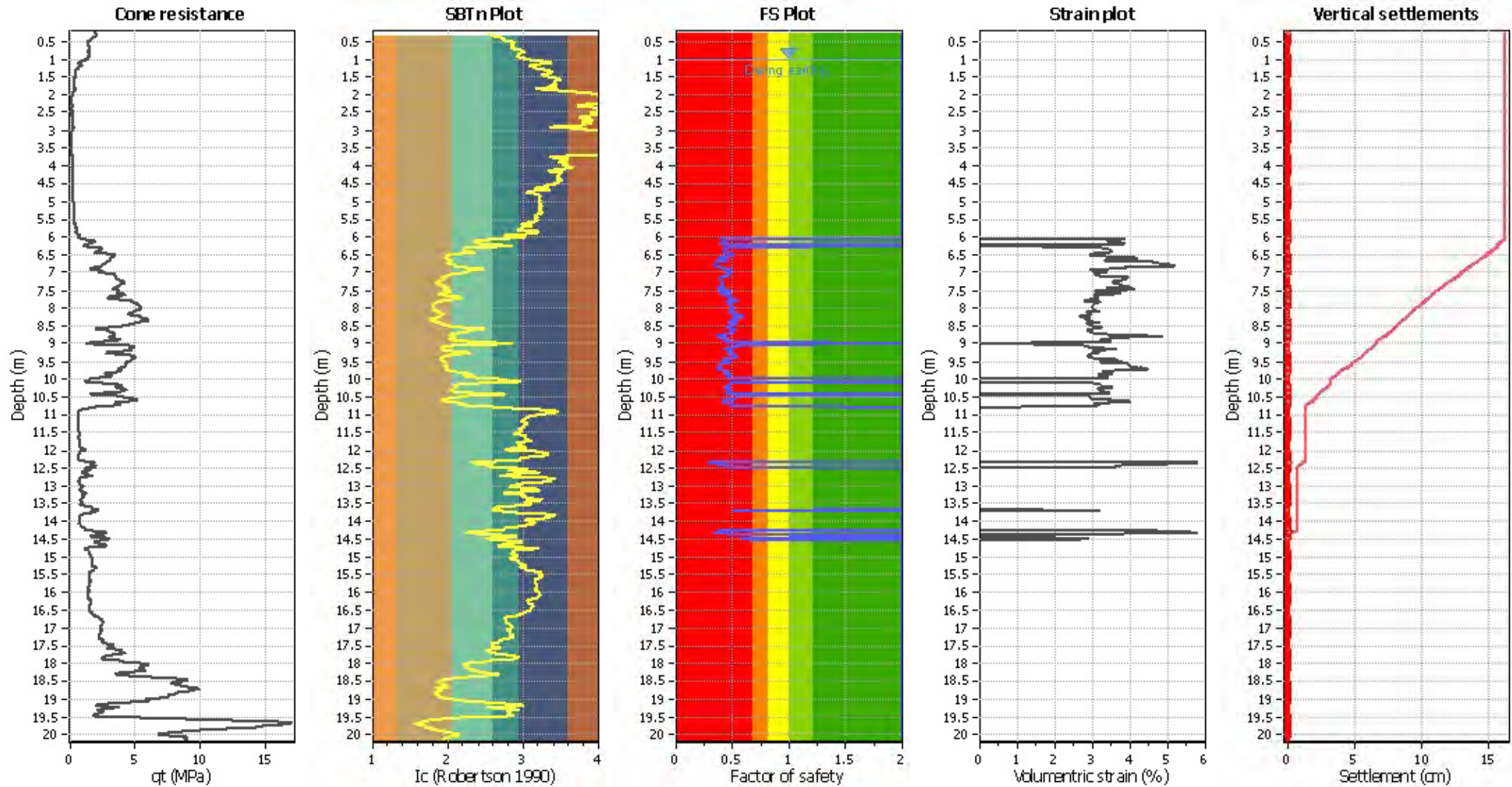
**Overall liquefaction potential: 14.63**

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<sub>L</sub>: 1 - FS  
 w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
 d<sub>z</sub>: Layer thickness (m)  
 LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- q<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	147.21	2.00	0.00	1.00	0.00	1.01	147.22	2.00	0.00	1.00	0.00
1.02	146.37	2.00	0.00	1.00	0.00	1.03	145.23	2.00	0.00	1.00	0.00
1.04	143.87	2.00	0.00	1.00	0.00	1.05	142.62	2.00	0.00	1.00	0.00
1.06	141.03	2.00	0.00	1.00	0.00	1.07	139.53	2.00	0.00	1.00	0.00
1.08	137.53	2.00	0.00	1.00	0.00	1.09	134.76	2.00	0.00	1.00	0.00
1.10	131.88	2.00	0.00	1.00	0.00	1.11	128.82	2.00	0.00	1.00	0.00
1.12	126.58	2.00	0.00	1.00	0.00	1.13	124.95	2.00	0.00	1.00	0.00
1.14	123.04	2.00	0.00	1.00	0.00	1.15	120.19	2.00	0.00	1.00	0.00
1.16	116.32	2.00	0.00	1.00	0.00	1.17	113.28	2.00	0.00	1.00	0.00
1.18	109.68	2.00	0.00	1.00	0.00	1.19	104.70	2.00	0.00	1.00	0.00
1.20	99.38	2.00	0.00	1.00	0.00	1.21	94.47	2.00	0.00	1.00	0.00
1.22	91.43	2.00	0.00	1.00	0.00	1.23	88.95	2.00	0.00	1.00	0.00
1.24	85.90	2.00	0.00	1.00	0.00	1.25	82.97	2.00	0.00	1.00	0.00
1.26	80.23	2.00	0.00	1.00	0.00	1.27	78.51	2.00	0.00	1.00	0.00
1.28	77.06	2.00	0.00	1.00	0.00	1.29	75.86	2.00	0.00	1.00	0.00
1.30	75.05	2.00	0.00	1.00	0.00	1.31	74.69	2.00	0.00	1.00	0.00
1.32	74.46	2.00	0.00	1.00	0.00	1.33	74.29	2.00	0.00	1.00	0.00
1.34	73.88	2.00	0.00	1.00	0.00	1.35	73.51	2.00	0.00	1.00	0.00
1.36	72.97	2.00	0.00	1.00	0.00	1.37	72.16	2.00	0.00	1.00	0.00
1.38	70.96	2.00	0.00	1.00	0.00	1.39	69.74	2.00	0.00	1.00	0.00
1.40	68.69	2.00	0.00	1.00	0.00	1.41	67.95	2.00	0.00	1.00	0.00
1.42	67.19	2.00	0.00	1.00	0.00	1.43	66.67	2.00	0.00	1.00	0.00
1.44	66.06	2.00	0.00	1.00	0.00	1.45	65.63	2.00	0.00	1.00	0.00
1.46	65.24	2.00	0.00	1.00	0.00	1.47	64.77	2.00	0.00	1.00	0.00
1.48	64.35	2.00	0.00	1.00	0.00	1.49	63.83	2.00	0.00	1.00	0.00
1.50	63.52	2.00	0.00	1.00	0.00	1.51	63.31	2.00	0.00	1.00	0.00
1.52	63.22	2.00	0.00	1.00	0.00	1.53	63.24	2.00	0.00	1.00	0.00
1.54	63.10	2.00	0.00	1.00	0.00	1.55	62.83	2.00	0.00	1.00	0.00
1.56	62.43	2.00	0.00	1.00	0.00	1.57	61.90	2.00	0.00	1.00	0.00
1.58	61.42	2.00	0.00	1.00	0.00	1.59	60.79	2.00	0.00	1.00	0.00
1.60	60.29	2.00	0.00	1.00	0.00	1.61	59.67	2.00	0.00	1.00	0.00
1.62	58.84	2.00	0.00	1.00	0.00	1.63	58.11	2.00	0.00	1.00	0.00
1.64	57.28	2.00	0.00	1.00	0.00	1.65	56.57	2.00	0.00	1.00	0.00
1.66	55.76	2.00	0.00	1.00	0.00	1.67	54.89	2.00	0.00	1.00	0.00
1.68	54.22	2.00	0.00	1.00	0.00	1.69	53.69	2.00	0.00	1.00	0.00
1.70	53.46	2.00	0.00	1.00	0.00	1.71	53.36	2.00	0.00	1.00	0.00
1.72	51.60	2.00	0.00	1.00	0.00	1.73	50.83	2.00	0.00	1.00	0.00
1.74	50.02	2.00	0.00	1.00	0.00	1.75	51.12	2.00	0.00	1.00	0.00
1.76	51.08	2.00	0.00	1.00	0.00	1.77	51.35	2.00	0.00	1.00	0.00
1.78	51.68	2.00	0.00	1.00	0.00	1.79	52.14	2.00	0.00	1.00	0.00
1.80	52.00	2.00	0.00	1.00	0.00	1.81	51.79	2.00	0.00	1.00	0.00
1.82	51.26	2.00	0.00	1.00	0.00	1.83	51.51	2.00	0.00	1.00	0.00
1.84	52.41	2.00	0.00	1.00	0.00	1.85	53.04	2.00	0.00	1.00	0.00
1.86	53.76	2.00	0.00	1.00	0.00	1.87	53.77	2.00	0.00	1.00	0.00
1.88	53.88	2.00	0.00	1.00	0.00	1.89	54.04	2.00	0.00	1.00	0.00
1.90	54.09	2.00	0.00	1.00	0.00	1.91	53.98	2.00	0.00	1.00	0.00
1.92	53.17	2.00	0.00	1.00	0.00	1.93	51.92	2.00	0.00	1.00	0.00
1.94	50.37	2.00	0.00	1.00	0.00	1.95	48.87	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	47.65	2.00	0.00	1.00	0.00	1.97	46.69	2.00	0.00	1.00	0.00
1.98	45.31	2.00	0.00	1.00	0.00	1.99	44.11	2.00	0.00	1.00	0.00
2.00	42.08	2.00	0.00	1.00	0.00	2.01	40.77	2.00	0.00	1.00	0.00
2.02	39.54	2.00	0.00	1.00	0.00	2.03	38.46	2.00	0.00	1.00	0.00
2.04	36.83	2.00	0.00	1.00	0.00	2.05	32.52	2.00	0.00	1.00	0.00
2.06	27.93	2.00	0.00	1.00	0.00	2.07	24.84	2.00	0.00	1.00	0.00
2.08	21.74	2.00	0.00	1.00	0.00	2.09	20.15	2.00	0.00	1.00	0.00
2.10	18.58	2.00	0.00	1.00	0.00	2.11	18.52	2.00	0.00	1.00	0.00
2.12	16.94	2.00	0.00	1.00	0.00	2.13	15.36	2.00	0.00	1.00	0.00
2.14	13.78	2.00	0.00	1.00	0.00	2.15	13.72	2.00	0.00	1.00	0.00
2.16	13.67	2.00	0.00	1.00	0.00	2.17	13.61	2.00	0.00	1.00	0.00
2.18	13.55	2.00	0.00	1.00	0.00	2.19	14.99	2.00	0.00	1.00	0.00
2.20	16.45	2.00	0.00	1.00	0.00	2.21	19.46	2.00	0.00	1.00	0.00
2.22	22.53	2.00	0.00	1.00	0.00	2.23	25.21	2.00	0.00	1.00	0.00
2.24	26.38	2.00	0.00	1.00	0.00	2.25	27.31	2.00	0.00	1.00	0.00
2.26	28.07	2.00	0.00	1.00	0.00	2.27	28.78	2.00	0.00	1.00	0.00
2.28	29.15	2.00	0.00	1.00	0.00	2.29	29.54	2.00	0.00	1.00	0.00
2.30	29.87	2.00	0.00	1.00	0.00	2.31	30.62	2.00	0.00	1.00	0.00
2.32	31.22	2.00	0.00	1.00	0.00	2.33	31.69	2.00	0.00	1.00	0.00
2.34	31.32	2.00	0.00	1.00	0.00	2.35	31.09	2.00	0.00	1.00	0.00
2.36	26.97	2.00	0.00	1.00	0.00	2.37	25.40	2.00	0.00	1.00	0.00
2.38	23.85	2.00	0.00	1.00	0.00	2.39	23.81	2.00	0.00	1.00	0.00
2.40	23.79	2.00	0.00	1.00	0.00	2.41	23.76	2.00	0.00	1.00	0.00
2.42	25.24	2.00	0.00	1.00	0.00	2.43	29.79	2.00	0.00	1.00	0.00
2.44	34.37	2.00	0.00	1.00	0.00	2.45	35.45	2.00	0.00	1.00	0.00
2.46	35.66	2.00	0.00	1.00	0.00	2.47	35.72	2.00	0.00	1.00	0.00
2.48	35.12	2.00	0.00	1.00	0.00	2.49	34.02	2.00	0.00	1.00	0.00
2.50	32.46	2.00	0.00	1.00	0.00	2.51	31.68	2.00	0.00	1.00	0.00
2.52	30.48	2.00	0.00	1.00	0.00	2.53	29.84	2.00	0.00	1.00	0.00
2.54	28.49	2.00	0.00	1.00	0.00	2.55	29.69	2.00	0.00	1.00	0.00
2.56	30.82	2.00	0.00	1.00	0.00	2.57	31.79	2.00	0.00	1.00	0.00
2.58	32.67	2.00	0.00	1.00	0.00	2.59	33.03	2.00	0.00	1.00	0.00
2.60	33.91	2.00	0.00	1.00	0.00	2.61	34.39	2.00	0.00	1.00	0.00
2.62	35.09	2.00	0.00	1.00	0.00	2.63	35.31	2.00	0.00	1.00	0.00
2.64	35.08	2.00	0.00	1.00	0.00	2.65	34.90	2.00	0.00	1.00	0.00
2.66	34.46	2.00	0.00	1.00	0.00	2.67	34.14	2.00	0.00	1.00	0.00
2.68	33.47	2.00	0.00	1.00	0.00	2.69	32.72	2.00	0.00	1.00	0.00
2.70	32.30	2.00	0.00	1.00	0.00	2.71	31.84	2.00	0.00	1.00	0.00
2.72	31.85	2.00	0.00	1.00	0.00	2.73	31.39	2.00	0.00	1.00	0.00
2.74	30.92	2.00	0.00	1.00	0.00	2.75	30.99	2.00	0.00	1.00	0.00
2.76	30.97	2.00	0.00	1.00	0.00	2.77	30.80	2.00	0.00	1.00	0.00
2.78	30.36	2.00	0.00	1.00	0.00	2.79	30.25	2.00	0.00	1.00	0.00
2.80	31.68	2.00	0.00	1.00	0.00	2.81	32.63	2.00	0.00	1.00	0.00
2.82	33.46	2.00	0.00	1.00	0.00	2.83	32.62	2.00	0.00	1.00	0.00
2.84	32.55	2.00	0.00	1.00	0.00	2.85	32.69	2.00	0.00	1.00	0.00
2.86	33.10	2.00	0.00	1.00	0.00	2.87	34.42	2.00	0.00	1.00	0.00
2.88	36.29	2.00	0.00	1.00	0.00	2.89	37.96	2.00	0.00	1.00	0.00
2.90	39.07	2.00	0.00	1.00	0.00	2.91	39.77	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	40.57	2.00	0.00	1.00	0.00	2.93	41.32	2.00	0.00	1.00	0.00
2.94	41.69	2.00	0.00	1.00	0.00	2.95	41.51	2.00	0.00	1.00	0.00
2.96	41.25	2.00	0.00	1.00	0.00	2.97	40.86	2.00	0.00	1.00	0.00
2.98	40.47	2.00	0.00	1.00	0.00	2.99	39.99	2.00	0.00	1.00	0.00
3.00	38.48	2.00	0.00	1.00	0.00	3.01	36.04	2.00	0.00	1.00	0.00
3.02	30.94	2.00	0.00	1.00	0.00	3.03	27.86	2.00	0.00	1.00	0.00
3.04	26.30	2.00	0.00	1.00	0.00	3.05	23.23	2.00	0.00	1.00	0.00
3.06	21.65	2.00	0.00	1.00	0.00	3.07	18.56	2.00	0.00	1.00	0.00
3.08	16.98	2.00	0.00	1.00	0.00	3.09	15.39	2.00	0.00	1.00	0.00
3.10	15.29	2.00	0.00	1.00	0.00	3.11	16.71	2.00	0.00	1.00	0.00
3.12	18.12	2.00	0.00	1.00	0.00	3.13	19.54	2.00	0.00	1.00	0.00
3.14	20.98	2.00	0.00	1.00	0.00	3.15	22.44	2.00	0.00	1.00	0.00
3.16	23.95	2.00	0.00	1.00	0.00	3.17	22.47	2.00	0.00	1.00	0.00
3.18	20.99	2.00	0.00	1.00	0.00	3.19	21.01	2.00	0.00	1.00	0.00
3.20	24.09	2.00	0.00	1.00	0.00	3.21	25.94	2.00	0.00	1.00	0.00
3.22	26.06	2.00	0.00	1.00	0.00	3.23	25.72	2.00	0.00	1.00	0.00
3.24	24.55	2.00	0.00	1.00	0.00	3.25	24.48	2.00	0.00	1.00	0.00
3.26	24.39	2.00	0.00	1.00	0.00	3.27	22.79	2.00	0.00	1.00	0.00
3.28	21.20	2.00	0.00	1.00	0.00	3.29	19.62	2.00	0.00	1.00	0.00
3.30	18.03	2.00	0.00	1.00	0.00	3.31	16.44	2.00	0.00	1.00	0.00
3.32	14.85	2.00	0.00	1.00	0.00	3.33	14.77	2.00	0.00	1.00	0.00
3.34	13.19	2.00	0.00	1.00	0.00	3.35	11.60	2.00	0.00	1.00	0.00
3.36	10.01	2.00	0.00	1.00	0.00	3.37	9.93	2.00	0.00	1.00	0.00
3.38	9.85	2.00	0.00	1.00	0.00	3.39	11.28	2.00	0.00	1.00	0.00
3.40	12.71	2.00	0.00	1.00	0.00	3.41	14.15	2.00	0.00	1.00	0.00
3.42	14.08	2.00	0.00	1.00	0.00	3.43	15.53	2.00	0.00	1.00	0.00
3.44	16.98	2.00	0.00	1.00	0.00	3.45	18.42	2.00	0.00	1.00	0.00
3.46	18.35	2.00	0.00	1.00	0.00	3.47	18.29	2.00	0.00	1.00	0.00
3.48	18.23	2.00	0.00	1.00	0.00	3.49	19.62	2.00	0.00	1.00	0.00
3.50	19.54	2.00	0.00	1.00	0.00	3.51	19.51	2.00	0.00	1.00	0.00
3.52	17.93	2.00	0.00	1.00	0.00	3.53	17.85	2.00	0.00	1.00	0.00
3.54	16.25	2.00	0.00	1.00	0.00	3.55	14.66	2.00	0.00	1.00	0.00
3.56	13.07	2.00	0.00	1.00	0.00	3.57	13.00	2.00	0.00	1.00	0.00
3.58	12.94	2.00	0.00	1.00	0.00	3.59	12.89	2.00	0.00	1.00	0.00
3.60	12.86	2.00	0.00	1.00	0.00	3.61	14.33	2.00	0.00	1.00	0.00
3.62	15.81	2.00	0.00	1.00	0.00	3.63	17.25	2.00	0.00	1.00	0.00
3.64	17.19	2.00	0.00	1.00	0.00	3.65	17.11	2.00	0.00	1.00	0.00
3.66	17.04	2.00	0.00	1.00	0.00	3.67	16.97	2.00	0.00	1.00	0.00
3.68	16.92	2.00	0.00	1.00	0.00	3.69	16.88	2.00	0.00	1.00	0.00
3.70	16.83	2.00	0.00	1.00	0.00	3.71	19.42	2.00	0.00	1.00	0.00
3.72	18.86	2.00	0.00	1.00	0.00	3.73	15.83	2.00	0.00	1.00	0.00
3.74	15.74	2.00	0.00	1.00	0.00	3.75	15.64	2.00	0.00	1.00	0.00
3.76	15.96	2.00	0.00	1.00	0.00	3.77	16.57	2.00	0.00	1.00	0.00
3.78	17.40	2.00	0.00	1.00	0.00	3.79	17.82	2.00	0.00	1.00	0.00
3.80	18.13	2.00	0.00	1.00	0.00	3.81	18.17	2.00	0.00	1.00	0.00
3.82	18.23	2.00	0.00	1.00	0.00	3.83	18.11	2.00	0.00	1.00	0.00
3.84	18.05	2.00	0.00	1.00	0.00	3.85	18.26	2.00	0.00	1.00	0.00
3.86	18.43	2.00	0.00	1.00	0.00	3.87	18.45	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	18.23	2.00	0.00	1.00	0.00	3.89	17.99	2.00	0.00	1.00	0.00
3.90	17.82	2.00	0.00	1.00	0.00	3.91	17.82	2.00	0.00	1.00	0.00
3.92	18.24	2.00	0.00	1.00	0.00	3.93	18.37	2.00	0.00	1.00	0.00
3.94	18.33	2.00	0.00	1.00	0.00	3.95	17.95	2.00	0.00	1.00	0.00
3.96	17.97	2.00	0.00	1.00	0.00	3.97	17.76	2.00	0.00	1.00	0.00
3.98	17.70	2.00	0.00	1.00	0.00	3.99	17.57	2.00	0.00	1.00	0.00
4.00	17.71	2.00	0.00	1.00	0.00	4.01	17.77	2.00	0.00	1.00	0.00
4.02	17.40	2.00	0.00	1.00	0.00	4.03	16.94	2.00	0.00	1.00	0.00
4.04	16.42	2.00	0.00	1.00	0.00	4.05	15.92	2.00	0.00	1.00	0.00
4.06	15.67	2.00	0.00	1.00	0.00	4.07	15.51	2.00	0.00	1.00	0.00
4.08	15.86	2.00	0.00	1.00	0.00	4.09	16.00	2.00	0.00	1.00	0.00
4.10	16.23	2.00	0.00	1.00	0.00	4.11	16.53	2.00	0.00	1.00	0.00
4.12	17.12	2.00	0.00	1.00	0.00	4.13	17.61	2.00	0.00	1.00	0.00
4.14	18.07	2.00	0.00	1.00	0.00	4.15	18.43	2.00	0.00	1.00	0.00
4.16	18.86	2.00	0.00	1.00	0.00	4.17	18.82	2.00	0.00	1.00	0.00
4.18	18.67	2.00	0.00	1.00	0.00	4.19	18.25	2.00	0.00	1.00	0.00
4.20	18.11	2.00	0.00	1.00	0.00	4.21	17.96	2.00	0.00	1.00	0.00
4.22	17.95	2.00	0.00	1.00	0.00	4.23	17.94	2.00	0.00	1.00	0.00
4.24	17.94	2.00	0.00	1.00	0.00	4.25	17.93	2.00	0.00	1.00	0.00
4.26	17.93	2.00	0.00	1.00	0.00	4.27	17.92	2.00	0.00	1.00	0.00
4.28	17.69	2.00	0.00	1.00	0.00	4.29	17.44	2.00	0.00	1.00	0.00
4.30	17.19	2.00	0.00	1.00	0.00	4.31	17.18	2.00	0.00	1.00	0.00
4.32	17.07	2.00	0.00	1.00	0.00	4.33	17.07	2.00	0.00	1.00	0.00
4.34	17.33	2.00	0.00	1.00	0.00	4.35	17.57	2.00	0.00	1.00	0.00
4.36	17.94	2.00	0.00	1.00	0.00	4.37	18.01	2.00	0.00	1.00	0.00
4.38	18.33	2.00	0.00	1.00	0.00	4.39	18.46	2.00	0.00	1.00	0.00
4.40	18.90	2.00	0.00	1.00	0.00	4.41	19.25	2.00	0.00	1.00	0.00
4.42	19.67	2.00	0.00	1.00	0.00	4.43	19.92	2.00	0.00	1.00	0.00
4.44	20.06	2.00	0.00	1.00	0.00	4.45	19.94	2.00	0.00	1.00	0.00
4.46	19.76	2.00	0.00	1.00	0.00	4.47	19.63	2.00	0.00	1.00	0.00
4.48	19.99	2.00	0.00	1.00	0.00	4.49	20.34	2.00	0.00	1.00	0.00
4.50	20.73	2.00	0.00	1.00	0.00	4.51	20.79	2.00	0.00	1.00	0.00
4.52	20.84	2.00	0.00	1.00	0.00	4.53	21.19	2.00	0.00	1.00	0.00
4.54	21.60	2.00	0.00	1.00	0.00	4.55	21.94	2.00	0.00	1.00	0.00
4.56	22.45	2.00	0.00	1.00	0.00	4.57	22.56	2.00	0.00	1.00	0.00
4.58	22.63	2.00	0.00	1.00	0.00	4.59	22.44	2.00	0.00	1.00	0.00
4.60	22.52	2.00	0.00	1.00	0.00	4.61	22.88	2.00	0.00	1.00	0.00
4.62	22.68	2.00	0.00	1.00	0.00	4.63	22.18	2.00	0.00	1.00	0.00
4.64	21.92	2.00	0.00	1.00	0.00	4.65	21.94	2.00	0.00	1.00	0.00
4.66	22.13	2.00	0.00	1.00	0.00	4.67	22.06	2.00	0.00	1.00	0.00
4.68	22.05	2.00	0.00	1.00	0.00	4.69	22.17	2.00	0.00	1.00	0.00
4.70	21.30	2.00	0.00	1.00	0.00	4.71	20.14	2.00	0.00	1.00	0.00
4.72	18.82	2.00	0.00	1.00	0.00	4.73	18.90	2.00	0.00	1.00	0.00
4.74	19.08	2.00	0.00	1.00	0.00	4.75	19.38	2.00	0.00	1.00	0.00
4.76	19.33	2.00	0.00	1.00	0.00	4.77	20.11	2.00	0.00	1.00	0.00
4.78	21.10	2.00	0.00	1.00	0.00	4.79	22.20	2.00	0.00	1.00	0.00
4.80	22.55	2.00	0.00	1.00	0.00	4.81	23.20	2.00	0.00	1.00	0.00
4.82	23.58	2.00	0.00	1.00	0.00	4.83	23.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
4.84	23.42	2.00	0.00	1.00	0.00	4.85	23.86	2.00	0.00	1.00	0.00
4.86	23.86	2.00	0.00	1.00	0.00	4.87	23.98	2.00	0.00	1.00	0.00
4.88	23.35	2.00	0.00	1.00	0.00	4.89	23.41	2.00	0.00	1.00	0.00
4.90	23.41	2.00	0.00	1.00	0.00	4.91	23.27	2.00	0.00	1.00	0.00
4.92	23.06	2.00	0.00	1.00	0.00	4.93	23.06	2.00	0.00	1.00	0.00
4.94	23.26	2.00	0.00	1.00	0.00	4.95	23.59	2.00	0.00	1.00	0.00
4.96	23.83	2.00	0.00	1.00	0.00	4.97	24.25	2.00	0.00	1.00	0.00
4.98	24.76	2.00	0.00	1.00	0.00	4.99	25.03	2.00	0.00	1.00	0.00
5.00	25.13	2.00	0.00	1.00	0.00	5.01	25.12	2.00	0.00	1.00	0.00
5.02	25.50	2.00	0.00	1.00	0.00	5.03	25.97	2.00	0.00	1.00	0.00
5.04	26.53	2.00	0.00	1.00	0.00	5.05	26.97	2.00	0.00	1.00	0.00
5.06	27.37	2.00	0.00	1.00	0.00	5.07	27.43	2.00	0.00	1.00	0.00
5.08	27.43	2.00	0.00	1.00	0.00	5.09	27.41	2.00	0.00	1.00	0.00
5.10	27.50	2.00	0.00	1.00	0.00	5.11	27.50	2.00	0.00	1.00	0.00
5.12	27.64	2.00	0.00	1.00	0.00	5.13	28.06	2.00	0.00	1.00	0.00
5.14	28.61	2.00	0.00	1.00	0.00	5.15	28.96	2.00	0.00	1.00	0.00
5.16	29.09	2.00	0.00	1.00	0.00	5.17	29.14	2.00	0.00	1.00	0.00
5.18	29.19	2.00	0.00	1.00	0.00	5.19	29.27	2.00	0.00	1.00	0.00
5.20	29.44	2.00	0.00	1.00	0.00	5.21	29.71	2.00	0.00	1.00	0.00
5.22	30.01	2.00	0.00	1.00	0.00	5.23	30.31	2.00	0.00	1.00	0.00
5.24	30.59	2.00	0.00	1.00	0.00	5.25	30.76	2.00	0.00	1.00	0.00
5.26	30.83	2.00	0.00	1.00	0.00	5.27	30.80	2.00	0.00	1.00	0.00
5.28	30.84	2.00	0.00	1.00	0.00	5.29	30.80	2.00	0.00	1.00	0.00
5.30	30.75	2.00	0.00	1.00	0.00	5.31	30.62	2.00	0.00	1.00	0.00
5.32	30.32	2.00	0.00	1.00	0.00	5.33	30.17	2.00	0.00	1.00	0.00
5.34	29.66	2.00	0.00	1.00	0.00	5.35	29.35	2.00	0.00	1.00	0.00
5.36	28.85	2.00	0.00	1.00	0.00	5.37	28.38	2.00	0.00	1.00	0.00
5.38	27.81	2.00	0.00	1.00	0.00	5.39	27.26	2.00	0.00	1.00	0.00
5.40	27.18	2.00	0.00	1.00	0.00	5.41	27.31	2.00	0.00	1.00	0.00
5.42	27.39	2.00	0.00	1.00	0.00	5.43	27.34	2.00	0.00	1.00	0.00
5.44	27.14	2.00	0.00	1.00	0.00	5.45	27.06	2.00	0.00	1.00	0.00
5.46	27.03	2.00	0.00	1.00	0.00	5.47	26.94	2.00	0.00	1.00	0.00
5.48	26.81	2.00	0.00	1.00	0.00	5.49	26.87	2.00	0.00	1.00	0.00
5.50	27.24	2.00	0.00	1.00	0.00	5.51	27.83	2.00	0.00	1.00	0.00
5.52	28.36	2.00	0.00	1.00	0.00	5.53	28.65	2.00	0.00	1.00	0.00
5.54	28.56	2.00	0.00	1.00	0.00	5.55	28.30	2.00	0.00	1.00	0.00
5.56	28.03	2.00	0.00	1.00	0.00	5.57	27.75	2.00	0.00	1.00	0.00
5.58	27.54	2.00	0.00	1.00	0.00	5.59	27.38	2.00	0.00	1.00	0.00
5.60	27.81	2.00	0.00	1.00	0.00	5.61	28.44	2.00	0.00	1.00	0.00
5.62	29.12	2.00	0.00	1.00	0.00	5.63	29.71	2.00	0.00	1.00	0.00
5.64	30.10	2.00	0.00	1.00	0.00	5.65	31.84	2.00	0.00	1.00	0.00
5.66	33.74	2.00	0.00	1.00	0.00	5.67	35.72	2.00	0.00	1.00	0.00
5.68	36.70	2.00	0.00	1.00	0.00	5.69	37.18	2.00	0.00	1.00	0.00
5.70	37.39	2.00	0.00	1.00	0.00	5.71	36.91	2.00	0.00	1.00	0.00
5.72	37.01	2.00	0.00	1.00	0.00	5.73	37.98	2.00	0.00	1.00	0.00
5.74	39.52	2.00	0.00	1.00	0.00	5.75	40.50	2.00	0.00	1.00	0.00
5.76	41.57	2.00	0.00	1.00	0.00	5.77	43.21	2.00	0.00	1.00	0.00
5.78	44.67	2.00	0.00	1.00	0.00	5.79	45.62	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	46.46	2.00	0.00	1.00	0.00	5.81	47.51	2.00	0.00	1.00	0.00
5.82	49.08	2.00	0.00	1.00	0.00	5.83	51.33	2.00	0.00	1.00	0.00
5.84	52.59	2.00	0.00	1.00	0.00	5.85	52.34	2.00	0.00	1.00	0.00
5.86	50.84	2.00	0.00	1.00	0.00	5.87	49.33	2.00	0.00	1.00	0.00
5.88	48.42	2.00	0.00	1.00	0.00	5.89	47.89	2.00	0.00	1.00	0.00
5.90	47.76	2.00	0.00	1.00	0.00	5.91	47.73	2.00	0.00	1.00	0.00
5.92	48.39	2.00	0.00	1.00	0.00	5.93	49.20	2.00	0.00	1.00	0.00
5.94	50.60	2.00	0.00	1.00	0.00	5.95	53.36	2.00	0.00	1.00	0.00
5.96	56.18	2.00	0.00	1.00	0.00	5.97	57.89	2.00	0.00	1.00	0.00
5.98	57.29	2.00	0.00	1.00	0.00	5.99	55.94	2.00	0.00	1.00	0.00
6.00	54.09	2.00	0.00	1.00	0.00	6.01	52.50	2.00	0.00	1.00	0.00
6.02	50.91	2.00	0.00	1.00	0.00	6.03	50.29	2.00	0.00	1.00	0.00
6.04	49.93	2.00	0.00	1.00	0.00	6.05	51.21	2.00	0.00	1.00	0.00
6.06	53.85	0.40	3.88	1.00	0.04	6.07	56.44	0.41	3.74	1.00	0.04
6.08	58.59	0.42	3.62	1.00	0.04	6.09	60.30	0.42	3.54	1.00	0.04
6.10	62.55	0.43	3.43	1.00	0.03	6.11	63.73	0.44	3.38	1.00	0.03
6.12	63.40	0.44	3.40	1.00	0.03	6.13	62.25	0.43	3.45	1.00	0.03
6.14	61.33	0.43	3.49	1.00	0.03	6.15	60.28	0.42	3.54	1.00	0.04
6.16	57.84	0.41	3.66	1.00	0.04	6.17	55.21	0.40	3.80	1.00	0.04
6.18	53.90	0.40	3.88	1.00	0.04	6.19	55.50	0.40	3.79	1.00	0.04
6.20	57.96	0.41	3.65	1.00	0.04	6.21	61.35	0.43	3.49	1.00	0.03
6.22	66.49	2.00	0.00	1.00	0.00	6.23	71.96	2.00	0.00	1.00	0.00
6.24	76.67	2.00	0.00	1.00	0.00	6.25	77.57	2.00	0.00	1.00	0.00
6.26	75.14	2.00	0.00	1.00	0.00	6.27	70.85	0.47	3.10	1.00	0.03
6.28	67.61	0.46	3.22	1.00	0.03	6.29	66.48	0.45	3.27	1.00	0.03
6.30	66.15	0.45	3.28	1.00	0.03	6.31	66.10	0.45	3.28	1.00	0.03
6.32	65.91	0.45	3.29	1.00	0.03	6.33	64.76	0.44	3.34	1.00	0.03
6.34	63.25	0.43	3.40	1.00	0.03	6.35	62.36	0.43	3.44	1.00	0.03
6.36	62.07	0.43	3.45	1.00	0.03	6.37	61.88	0.43	3.46	1.00	0.03
6.38	61.26	0.43	3.49	1.00	0.03	6.39	60.73	0.42	3.52	1.00	0.04
6.40	60.42	0.42	3.53	1.00	0.04	6.41	60.77	0.42	3.52	1.00	0.04
6.42	61.68	0.43	3.47	1.00	0.03	6.43	63.01	0.43	3.41	1.00	0.03
6.44	64.18	0.44	3.36	1.00	0.03	6.45	65.82	0.45	3.29	1.00	0.03
6.46	68.56	0.46	3.18	1.00	0.03	6.47	71.47	0.48	3.08	1.00	0.03
6.48	74.22	0.49	2.98	1.00	0.03	6.49	75.44	0.50	2.94	1.00	0.03
6.50	76.41	0.51	2.91	1.00	0.03	6.51	76.53	0.51	2.91	1.00	0.03
6.52	75.47	0.50	2.94	1.00	0.03	6.53	73.45	0.49	3.01	1.00	0.03
6.54	70.92	0.47	3.10	1.00	0.03	6.55	68.03	0.46	3.20	1.00	0.03
6.56	52.28	0.39	3.98	1.00	0.04	6.57	51.04	0.39	4.06	1.00	0.04
6.58	50.05	0.38	4.12	1.00	0.04	6.59	49.30	0.38	4.17	1.00	0.04
6.60	48.80	0.38	4.21	1.00	0.04	6.61	48.69	0.38	4.22	1.00	0.04
6.62	48.81	0.38	4.21	1.00	0.04	6.63	49.06	0.38	4.19	1.00	0.04
6.64	64.56	0.44	3.35	1.00	0.03	6.65	65.14	0.44	3.32	1.00	0.03
6.66	65.45	0.44	3.31	1.00	0.03	6.67	65.51	0.44	3.31	1.00	0.03
6.68	65.35	0.44	3.31	1.00	0.03	6.69	65.18	0.44	3.32	1.00	0.03
6.70	62.28	0.43	3.45	1.00	0.03	6.71	44.23	0.36	4.56	1.00	0.05
6.72	42.60	0.36	4.70	1.00	0.05	6.73	42.37	0.36	4.72	1.00	0.05
6.74	42.25	0.36	4.74	1.00	0.05	6.75	42.01	0.36	4.76	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	41.50	0.35	4.81	1.00	0.05	6.77	40.76	0.35	4.88	1.00	0.05
6.78	39.81	0.35	4.97	1.00	0.05	6.79	38.84	0.34	5.07	1.00	0.05
6.80	37.79	0.34	5.19	1.00	0.05	6.81	54.59	0.40	3.84	1.00	0.04
6.82	54.02	0.40	3.87	1.00	0.04	6.83	53.24	0.39	3.92	1.00	0.04
6.84	53.04	0.39	3.93	1.00	0.04	6.85	53.87	0.40	3.88	1.00	0.04
6.86	55.90	0.40	3.76	1.00	0.04	6.87	59.14	0.41	3.59	1.00	0.04
6.88	63.46	0.43	3.39	1.00	0.03	6.89	68.95	0.46	3.17	1.00	0.03
6.90	73.27	0.49	3.02	1.00	0.03	6.91	76.05	0.51	2.92	1.00	0.03
6.92	75.26	0.50	2.95	1.00	0.03	6.93	73.63	0.49	3.00	1.00	0.03
6.94	71.46	0.48	3.08	1.00	0.03	6.95	70.12	0.47	3.13	1.00	0.03
6.96	68.36	0.46	3.19	1.00	0.03	6.97	65.94	0.45	3.29	1.00	0.03
6.98	64.07	0.44	3.37	1.00	0.03	6.99	63.98	0.44	3.37	1.00	0.03
7.00	67.62	0.45	3.22	1.00	0.03	7.01	70.60	0.47	3.11	1.00	0.03
7.02	72.32	0.48	3.05	1.00	0.03	7.03	71.58	0.48	3.07	1.00	0.03
7.04	71.10	0.47	3.09	1.00	0.03	7.05	71.35	0.48	3.08	1.00	0.03
7.06	71.23	0.48	3.09	1.00	0.03	7.07	70.84	0.47	3.10	1.00	0.03
7.08	69.42	0.46	3.15	1.00	0.03	7.09	68.14	0.46	3.20	1.00	0.03
7.10	52.68	0.39	3.95	1.00	0.04	7.11	52.66	0.39	3.95	1.00	0.04
7.12	52.72	0.39	3.95	1.00	0.04	7.13	52.91	0.39	3.94	1.00	0.04
7.14	53.01	0.39	3.93	1.00	0.04	7.15	53.05	0.39	3.93	1.00	0.04
7.16	53.04	0.39	3.93	1.00	0.04	7.17	53.15	0.39	3.92	1.00	0.04
7.18	53.37	0.39	3.91	1.00	0.04	7.19	53.76	0.39	3.89	1.00	0.04
7.20	54.38	0.40	3.85	1.00	0.04	7.21	55.69	0.40	3.78	1.00	0.04
7.22	57.20	0.41	3.69	1.00	0.04	7.23	58.62	0.41	3.62	1.00	0.04
7.24	59.48	0.42	3.58	1.00	0.04	7.25	60.21	0.42	3.54	1.00	0.04
7.26	60.68	0.42	3.52	1.00	0.04	7.27	60.93	0.42	3.51	1.00	0.04
7.28	60.67	0.42	3.52	1.00	0.04	7.29	60.18	0.42	3.54	1.00	0.04
7.30	59.47	0.42	3.58	1.00	0.04	7.31	58.75	0.41	3.61	1.00	0.04
7.32	57.88	0.41	3.66	1.00	0.04	7.33	57.13	0.41	3.70	1.00	0.04
7.34	56.58	0.40	3.73	1.00	0.04	7.35	56.32	0.40	3.74	1.00	0.04
7.36	56.16	0.40	3.75	1.00	0.04	7.37	55.70	0.40	3.78	1.00	0.04
7.38	55.10	0.40	3.81	1.00	0.04	7.39	54.21	0.40	3.86	1.00	0.04
7.40	53.40	0.39	3.91	1.00	0.04	7.41	52.20	0.39	3.98	1.00	0.04
7.42	51.08	0.39	4.05	1.00	0.04	7.43	64.78	0.44	3.34	1.00	0.03
7.44	64.39	0.44	3.35	1.00	0.03	7.45	64.25	0.44	3.36	1.00	0.03
7.46	49.73	0.38	4.14	1.00	0.04	7.47	50.45	0.38	4.10	1.00	0.04
7.48	51.44	0.39	4.03	1.00	0.04	7.49	52.93	0.39	3.94	1.00	0.04
7.50	54.28	0.40	3.86	1.00	0.04	7.51	69.39	0.46	3.15	1.00	0.03
7.52	70.39	0.47	3.12	1.00	0.03	7.53	70.96	0.47	3.10	1.00	0.03
7.54	71.05	0.47	3.09	1.00	0.03	7.55	70.35	0.47	3.12	1.00	0.03
7.56	69.48	0.46	3.15	1.00	0.03	7.57	68.40	0.46	3.19	1.00	0.03
7.58	67.95	0.46	3.21	1.00	0.03	7.59	55.83	0.40	3.77	1.00	0.04
7.60	57.79	0.41	3.66	1.00	0.04	7.61	59.38	0.42	3.58	1.00	0.04
7.62	60.63	0.42	3.52	1.00	0.04	7.63	60.82	0.42	3.51	1.00	0.04
7.64	59.74	0.42	3.57	1.00	0.04	7.65	72.29	0.48	3.05	1.00	0.03
7.66	71.55	0.48	3.07	1.00	0.03	7.67	70.18	0.47	3.12	1.00	0.03
7.68	69.16	0.46	3.16	1.00	0.03	7.69	68.90	0.46	3.17	1.00	0.03
7.70	68.94	0.46	3.17	1.00	0.03	7.71	68.19	0.46	3.20	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
7.72	69.23	0.46	3.16	1.00	0.03	7.73	71.57	0.48	3.07	1.00	0.03
7.74	75.53	0.50	2.94	1.00	0.03	7.75	77.91	0.52	2.87	1.00	0.03
7.76	79.45	0.53	2.82	1.00	0.03	7.77	80.57	0.54	2.79	1.00	0.03
7.78	80.63	0.54	2.79	1.00	0.03	7.79	80.56	0.54	2.79	1.00	0.03
7.80	79.54	0.53	2.82	1.00	0.03	7.81	78.85	0.53	2.84	1.00	0.03
7.82	67.43	0.45	3.23	1.00	0.03	7.83	68.19	0.46	3.20	1.00	0.03
7.84	69.04	0.46	3.17	1.00	0.03	7.85	69.98	0.47	3.13	1.00	0.03
7.86	70.67	0.47	3.11	1.00	0.03	7.87	71.41	0.48	3.08	1.00	0.03
7.88	71.99	0.48	3.06	1.00	0.03	7.89	72.41	0.48	3.04	1.00	0.03
7.90	72.65	0.48	3.04	1.00	0.03	7.91	72.94	0.49	3.03	1.00	0.03
7.92	73.29	0.49	3.01	1.00	0.03	7.93	73.67	0.49	3.00	1.00	0.03
7.94	74.01	0.49	2.99	1.00	0.03	7.95	74.19	0.49	2.98	1.00	0.03
7.96	74.15	0.49	2.99	1.00	0.03	7.97	74.06	0.49	2.99	1.00	0.03
7.98	74.07	0.49	2.99	1.00	0.03	7.99	74.22	0.49	2.98	1.00	0.03
8.00	74.24	0.50	2.98	1.00	0.03	8.01	74.07	0.49	2.99	1.00	0.03
8.02	73.44	0.49	3.01	1.00	0.03	8.03	72.67	0.49	3.04	1.00	0.03
8.04	71.87	0.48	3.06	1.00	0.03	8.05	71.07	0.48	3.09	1.00	0.03
8.06	70.18	0.47	3.12	1.00	0.03	8.07	69.24	0.47	3.16	1.00	0.03
8.08	68.19	0.46	3.20	1.00	0.03	8.09	67.42	0.46	3.23	1.00	0.03
8.10	78.44	0.52	2.85	1.00	0.03	8.11	77.98	0.52	2.87	1.00	0.03
8.12	77.30	0.52	2.89	1.00	0.03	8.13	76.50	0.51	2.91	1.00	0.03
8.14	75.53	0.50	2.94	1.00	0.03	8.15	74.64	0.50	2.97	1.00	0.03
8.16	74.10	0.49	2.99	1.00	0.03	8.17	74.37	0.50	2.98	1.00	0.03
8.18	75.44	0.50	2.94	1.00	0.03	8.19	77.50	0.52	2.88	1.00	0.03
8.20	80.46	0.54	2.79	1.00	0.03	8.21	83.12	0.56	2.72	1.00	0.03
8.22	85.34	0.58	2.66	1.00	0.03	8.23	86.01	0.59	2.64	1.00	0.03
8.24	86.31	0.59	2.64	1.00	0.03	8.25	86.12	0.59	2.64	1.00	0.03
8.26	85.93	0.58	2.65	1.00	0.03	8.27	85.60	0.58	2.65	1.00	0.03
8.28	75.31	0.50	2.95	1.00	0.03	8.29	76.47	0.51	2.91	1.00	0.03
8.30	77.59	0.52	2.88	1.00	0.03	8.31	78.48	0.53	2.85	1.00	0.03
8.32	79.20	0.53	2.83	1.00	0.03	8.33	79.57	0.53	2.82	1.00	0.03
8.34	79.38	0.53	2.82	1.00	0.03	8.35	78.94	0.53	2.84	1.00	0.03
8.36	77.78	0.52	2.87	1.00	0.03	8.37	76.26	0.51	2.92	1.00	0.03
8.38	74.46	0.50	2.98	1.00	0.03	8.39	72.59	0.49	3.04	1.00	0.03
8.40	70.78	0.48	3.10	1.00	0.03	8.41	69.07	0.47	3.17	1.00	0.03
8.42	67.70	0.46	3.22	1.00	0.03	8.43	78.60	0.53	2.85	1.00	0.03
8.44	78.11	0.52	2.86	1.00	0.03	8.45	77.74	0.52	2.87	1.00	0.03
8.46	77.33	0.52	2.89	1.00	0.03	8.47	76.63	0.51	2.91	1.00	0.03
8.48	75.79	0.51	2.93	1.00	0.03	8.49	74.81	0.50	2.96	1.00	0.03
8.50	73.53	0.49	3.01	1.00	0.03	8.51	72.13	0.48	3.05	1.00	0.03
8.52	70.63	0.48	3.11	1.00	0.03	8.53	68.69	0.46	3.18	1.00	0.03
8.54	67.33	0.46	3.23	1.00	0.03	8.55	66.18	0.45	3.28	1.00	0.03
8.56	66.48	0.45	3.27	1.00	0.03	8.57	67.91	0.46	3.21	1.00	0.03
8.58	70.64	0.48	3.11	1.00	0.03	8.59	73.21	0.49	3.02	1.00	0.03
8.60	75.11	0.50	2.95	1.00	0.03	8.61	77.10	0.52	2.89	1.00	0.03
8.62	78.82	0.53	2.84	1.00	0.03	8.63	78.49	0.53	2.85	1.00	0.03
8.64	76.24	0.51	2.92	1.00	0.03	8.65	73.83	0.50	3.00	1.00	0.03
8.66	73.30	0.49	3.01	1.00	0.03	8.67	73.29	0.49	3.01	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	72.82	0.49	3.03	1.00	0.03	8.69	72.15	0.49	3.05	1.00	0.03
8.70	71.48	0.48	3.08	1.00	0.03	8.71	68.29	0.46	3.19	1.00	0.03
8.72	65.33	0.45	3.31	1.00	0.03	8.73	62.56	0.43	3.43	1.00	0.03
8.74	62.48	0.43	3.44	1.00	0.03	8.75	61.67	0.43	3.47	1.00	0.03
8.76	60.01	0.42	3.55	1.00	0.04	8.77	42.72	0.36	4.69	1.00	0.05
8.78	41.89	0.36	4.77	1.00	0.05	8.79	40.96	0.36	4.86	1.00	0.05
8.80	40.53	0.35	4.90	1.00	0.05	8.81	57.51	0.41	3.68	1.00	0.04
8.82	57.88	0.41	3.66	1.00	0.04	8.83	58.59	0.42	3.62	1.00	0.04
8.84	60.09	0.42	3.55	1.00	0.04	8.85	62.65	0.44	3.43	1.00	0.03
8.86	65.09	0.45	3.32	1.00	0.03	8.87	67.07	0.46	3.24	1.00	0.03
8.88	67.54	0.46	3.22	1.00	0.03	8.89	67.23	0.46	3.24	1.00	0.03
8.90	66.43	0.45	3.27	1.00	0.03	8.91	64.67	0.45	3.34	1.00	0.03
8.92	62.80	0.44	3.42	1.00	0.03	8.93	61.02	0.43	3.50	1.00	0.04
8.94	60.97	0.43	3.51	1.00	0.04	8.95	62.72	0.44	3.43	1.00	0.03
8.96	65.96	0.45	3.29	1.00	0.03	8.97	70.98	2.00	0.00	1.00	0.00
8.98	77.49	2.00	0.00	1.00	0.00	8.99	86.13	2.00	0.00	1.00	0.00
9.00	91.31	2.00	0.00	1.00	0.00	9.01	89.72	0.62	2.55	1.00	0.03
9.02	85.43	0.59	2.66	1.00	0.03	9.03	81.40	0.55	2.77	1.00	0.03
9.04	81.14	0.55	2.77	1.00	0.03	9.05	81.56	0.55	2.76	1.00	0.03
9.06	81.65	0.55	2.76	1.00	0.03	9.07	80.46	0.55	2.79	1.00	0.03
9.08	78.43	0.53	2.85	1.00	0.03	9.09	76.23	0.51	2.92	1.00	0.03
9.10	74.90	0.51	2.96	1.00	0.03	9.11	73.90	0.50	2.99	1.00	0.03
9.12	72.87	0.49	3.03	1.00	0.03	9.13	71.78	0.49	3.07	1.00	0.03
9.14	58.37	0.42	3.63	1.00	0.04	9.15	58.33	0.42	3.64	1.00	0.04
9.16	58.65	0.42	3.62	1.00	0.04	9.17	59.07	0.42	3.60	1.00	0.04
9.18	72.53	0.49	3.04	1.00	0.03	9.19	73.62	0.50	3.00	1.00	0.03
9.20	74.20	0.50	2.98	1.00	0.03	9.21	73.79	0.50	3.00	1.00	0.03
9.22	71.88	0.49	3.06	1.00	0.03	9.23	70.06	0.48	3.13	1.00	0.03
9.24	68.85	0.47	3.17	1.00	0.03	9.25	68.18	0.47	3.20	1.00	0.03
9.26	68.81	0.47	3.17	1.00	0.03	9.27	69.99	0.48	3.13	1.00	0.03
9.28	71.88	0.49	3.06	1.00	0.03	9.29	73.52	0.50	3.01	1.00	0.03
9.30	75.70	0.51	2.94	1.00	0.03	9.31	76.97	0.52	2.90	1.00	0.03
9.32	77.37	0.52	2.88	1.00	0.03	9.33	77.41	0.52	2.88	1.00	0.03
9.34	77.92	0.53	2.87	1.00	0.03	9.35	78.48	0.53	2.85	1.00	0.03
9.36	78.13	0.53	2.86	1.00	0.03	9.37	77.59	0.53	2.88	1.00	0.03
9.38	76.99	0.52	2.90	1.00	0.03	9.39	76.38	0.52	2.91	1.00	0.03
9.40	75.50	0.51	2.94	1.00	0.03	9.41	74.78	0.51	2.97	1.00	0.03
9.42	61.62	0.43	3.48	1.00	0.03	9.43	60.64	0.43	3.52	1.00	0.04
9.44	59.69	0.43	3.57	1.00	0.04	9.45	58.97	0.42	3.60	1.00	0.04
9.46	58.75	0.42	3.61	1.00	0.04	9.47	58.60	0.42	3.62	1.00	0.04
9.48	58.16	0.42	3.64	1.00	0.04	9.49	57.56	0.42	3.68	1.00	0.04
9.50	56.74	0.41	3.72	1.00	0.04	9.51	55.85	0.41	3.77	1.00	0.04
9.52	54.99	0.41	3.82	1.00	0.04	9.53	68.15	0.47	3.20	1.00	0.03
9.54	67.78	0.47	3.21	1.00	0.03	9.55	67.39	0.46	3.23	1.00	0.03
9.56	67.06	0.46	3.24	1.00	0.03	9.57	66.80	0.46	3.25	1.00	0.03
9.58	52.57	0.40	3.96	1.00	0.04	9.59	52.61	0.40	3.96	1.00	0.04
9.60	52.66	0.40	3.95	1.00	0.04	9.61	52.56	0.40	3.96	1.00	0.04
9.62	52.33	0.40	3.97	1.00	0.04	9.63	51.63	0.40	4.02	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	50.71	0.39	4.08	1.00	0.04	9.65	49.62	0.39	4.15	1.00	0.04
9.66	48.38	0.39	4.24	1.00	0.04	9.67	47.19	0.38	4.33	1.00	0.04
9.68	46.30	0.38	4.39	1.00	0.04	9.69	46.02	0.38	4.42	1.00	0.04
9.70	45.43	0.38	4.46	1.00	0.04	9.71	45.60	0.38	4.45	1.00	0.04
9.72	46.10	0.38	4.41	1.00	0.04	9.73	47.40	0.38	4.31	1.00	0.04
9.74	47.95	0.39	4.27	1.00	0.04	9.75	63.72	0.45	3.38	1.00	0.03
9.76	65.21	0.45	3.32	1.00	0.03	9.77	66.05	0.46	3.28	1.00	0.03
9.78	65.84	0.46	3.29	1.00	0.03	9.79	65.54	0.46	3.30	1.00	0.03
9.80	65.24	0.45	3.32	1.00	0.03	9.81	63.72	0.45	3.38	1.00	0.03
9.82	61.97	0.44	3.46	1.00	0.03	9.83	60.62	0.43	3.52	1.00	0.04
9.84	61.66	0.44	3.47	1.00	0.03	9.85	64.84	0.45	3.33	1.00	0.03
9.86	68.69	0.47	3.18	1.00	0.03	9.87	69.88	0.48	3.13	1.00	0.03
9.88	68.87	0.47	3.17	1.00	0.03	9.89	67.08	0.46	3.24	1.00	0.03
9.90	67.10	0.46	3.24	1.00	0.03	9.91	67.39	0.47	3.23	1.00	0.03
9.92	66.97	0.46	3.25	1.00	0.03	9.93	65.69	0.46	3.30	1.00	0.03
9.94	63.70	0.45	3.38	1.00	0.03	9.95	62.79	0.44	3.42	1.00	0.03
9.96	63.27	0.45	3.40	1.00	0.03	9.97	65.41	0.46	3.31	1.00	0.03
9.98	66.89	2.00	0.00	1.00	0.00	9.99	67.92	2.00	0.00	1.00	0.00
10.00	68.61	2.00	0.00	1.00	0.00	10.01	71.30	2.00	0.00	1.00	0.00
10.02	74.99	2.00	0.00	1.00	0.00	10.03	78.00	2.00	0.00	1.00	0.00
10.04	79.56	2.00	0.00	1.00	0.00	10.05	80.00	2.00	0.00	1.00	0.00
10.06	80.54	2.00	0.00	1.00	0.00	10.07	81.30	2.00	0.00	1.00	0.00
10.08	82.27	2.00	0.00	1.00	0.00	10.09	81.90	2.00	0.00	1.00	0.00
10.10	79.33	2.00	0.00	1.00	0.00	10.11	74.32	0.51	2.98	1.00	0.03
10.12	70.20	0.48	3.12	1.00	0.03	10.13	67.83	0.47	3.21	1.00	0.03
10.14	67.52	0.47	3.22	1.00	0.03	10.15	67.52	0.47	3.22	1.00	0.03
10.16	67.23	0.47	3.24	1.00	0.03	10.17	66.60	0.46	3.26	1.00	0.03
10.18	66.35	0.46	3.27	1.00	0.03	10.19	66.39	0.46	3.27	1.00	0.03
10.20	65.49	0.46	3.31	1.00	0.03	10.21	63.55	0.45	3.39	1.00	0.03
10.22	61.36	0.44	3.49	1.00	0.03	10.23	60.54	0.44	3.53	1.00	0.04
10.24	60.81	0.44	3.51	1.00	0.04	10.25	63.28	0.45	3.40	1.00	0.03
10.26	66.26	0.46	3.27	1.00	0.03	10.27	68.98	0.48	3.17	1.00	0.03
10.28	69.70	0.48	3.14	1.00	0.03	10.29	69.23	0.48	3.16	1.00	0.03
10.30	68.77	0.48	3.18	1.00	0.03	10.31	68.46	0.48	3.19	1.00	0.03
10.32	68.36	0.48	3.19	1.00	0.03	10.33	67.68	0.47	3.22	1.00	0.03
10.34	66.51	0.47	3.26	1.00	0.03	10.35	65.12	0.46	3.32	1.00	0.03
10.36	63.61	0.45	3.39	1.00	0.03	10.37	62.41	0.45	3.44	1.00	0.03
10.38	61.60	0.44	3.48	1.00	0.03	10.39	61.97	0.44	3.46	1.00	0.03
10.40	64.08	0.45	3.37	1.00	0.03	10.41	67.71	0.47	3.22	1.00	0.03
10.42	72.03	2.00	0.00	1.00	0.00	10.43	78.18	2.00	0.00	1.00	0.00
10.44	83.49	2.00	0.00	1.00	0.00	10.45	87.76	2.00	0.00	1.00	0.00
10.46	86.67	0.61	2.63	1.00	0.03	10.47	82.78	0.58	2.73	1.00	0.03
10.48	77.60	0.54	2.88	1.00	0.03	10.49	75.61	0.52	2.94	1.00	0.03
10.50	75.43	0.52	2.94	1.00	0.03	10.51	75.86	0.53	2.93	1.00	0.03
10.52	75.76	0.52	2.93	1.00	0.03	10.53	75.08	0.52	2.96	1.00	0.03
10.54	74.19	0.51	2.98	1.00	0.03	10.55	73.46	0.51	3.01	1.00	0.03
10.56	72.82	0.51	3.03	1.00	0.03	10.57	59.53	0.43	3.58	1.00	0.04
10.58	58.68	0.43	3.62	1.00	0.04	10.59	57.15	0.42	3.70	1.00	0.04



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	55.10	0.42	3.81	1.00	0.04	10.61	51.49	0.40	4.03	1.00	0.04
10.62	63.45	0.45	3.39	1.00	0.03	10.63	62.09	0.45	3.45	1.00	0.03
10.64	62.00	0.45	3.46	1.00	0.03	10.65	61.93	0.45	3.46	1.00	0.03
10.66	64.08	0.46	3.37	1.00	0.03	10.67	67.57	0.48	3.22	1.00	0.03
10.68	70.90	0.49	3.10	1.00	0.03	10.69	72.22	0.50	3.05	1.00	0.03
10.70	70.58	0.49	3.11	1.00	0.03	10.71	69.18	0.48	3.16	1.00	0.03
10.72	68.49	0.48	3.19	1.00	0.03	10.73	69.66	0.49	3.14	1.00	0.03
10.74	71.10	0.50	3.09	1.00	0.03	10.75	71.16	0.50	3.09	1.00	0.03
10.76	71.77	0.50	3.07	1.00	0.03	10.77	73.02	2.00	0.00	1.00	0.00
10.78	74.74	2.00	0.00	1.00	0.00	10.79	77.48	2.00	0.00	1.00	0.00
10.80	80.83	2.00	0.00	1.00	0.00	10.81	83.50	2.00	0.00	1.00	0.00
10.82	84.72	2.00	0.00	1.00	0.00	10.83	85.28	2.00	0.00	1.00	0.00
10.84	86.40	2.00	0.00	1.00	0.00	10.85	86.85	2.00	0.00	1.00	0.00
10.86	85.68	2.00	0.00	1.00	0.00	10.87	84.23	2.00	0.00	1.00	0.00
10.88	81.40	2.00	0.00	1.00	0.00	10.89	79.16	2.00	0.00	1.00	0.00
10.90	76.35	2.00	0.00	1.00	0.00	10.91	74.53	2.00	0.00	1.00	0.00
10.92	72.76	2.00	0.00	1.00	0.00	10.93	70.82	2.00	0.00	1.00	0.00
10.94	68.89	2.00	0.00	1.00	0.00	10.95	66.10	2.00	0.00	1.00	0.00
10.96	63.33	2.00	0.00	1.00	0.00	10.97	60.78	2.00	0.00	1.00	0.00
10.98	57.95	2.00	0.00	1.00	0.00	10.99	54.64	2.00	0.00	1.00	0.00
11.00	51.12	2.00	0.00	1.00	0.00	11.01	49.24	2.00	0.00	1.00	0.00
11.02	48.00	2.00	0.00	1.00	0.00	11.03	46.32	2.00	0.00	1.00	0.00
11.04	44.33	2.00	0.00	1.00	0.00	11.05	41.82	2.00	0.00	1.00	0.00
11.06	40.15	2.00	0.00	1.00	0.00	11.07	39.15	2.00	0.00	1.00	0.00
11.08	38.87	2.00	0.00	1.00	0.00	11.09	38.66	2.00	0.00	1.00	0.00
11.10	38.40	2.00	0.00	1.00	0.00	11.11	38.14	2.00	0.00	1.00	0.00
11.12	37.92	2.00	0.00	1.00	0.00	11.13	37.83	2.00	0.00	1.00	0.00
11.14	37.79	2.00	0.00	1.00	0.00	11.15	37.74	2.00	0.00	1.00	0.00
11.16	37.63	2.00	0.00	1.00	0.00	11.17	37.83	2.00	0.00	1.00	0.00
11.18	38.15	2.00	0.00	1.00	0.00	11.19	38.62	2.00	0.00	1.00	0.00
11.20	38.70	2.00	0.00	1.00	0.00	11.21	38.69	2.00	0.00	1.00	0.00
11.22	38.71	2.00	0.00	1.00	0.00	11.23	38.86	2.00	0.00	1.00	0.00
11.24	38.88	2.00	0.00	1.00	0.00	11.25	38.61	2.00	0.00	1.00	0.00
11.26	38.11	2.00	0.00	1.00	0.00	11.27	37.57	2.00	0.00	1.00	0.00
11.28	36.93	2.00	0.00	1.00	0.00	11.29	36.47	2.00	0.00	1.00	0.00
11.30	36.14	2.00	0.00	1.00	0.00	11.31	36.02	2.00	0.00	1.00	0.00
11.32	35.93	2.00	0.00	1.00	0.00	11.33	35.86	2.00	0.00	1.00	0.00
11.34	35.80	2.00	0.00	1.00	0.00	11.35	35.65	2.00	0.00	1.00	0.00
11.36	35.46	2.00	0.00	1.00	0.00	11.37	35.32	2.00	0.00	1.00	0.00
11.38	35.33	2.00	0.00	1.00	0.00	11.39	35.54	2.00	0.00	1.00	0.00
11.40	35.80	2.00	0.00	1.00	0.00	11.41	36.12	2.00	0.00	1.00	0.00
11.42	36.34	2.00	0.00	1.00	0.00	11.43	36.73	2.00	0.00	1.00	0.00
11.44	37.39	2.00	0.00	1.00	0.00	11.45	37.89	2.00	0.00	1.00	0.00
11.46	38.16	2.00	0.00	1.00	0.00	11.47	38.18	2.00	0.00	1.00	0.00
11.48	38.45	2.00	0.00	1.00	0.00	11.49	38.95	2.00	0.00	1.00	0.00
11.50	39.51	2.00	0.00	1.00	0.00	11.51	39.91	2.00	0.00	1.00	0.00
11.52	40.43	2.00	0.00	1.00	0.00	11.53	40.95	2.00	0.00	1.00	0.00
11.54	41.44	2.00	0.00	1.00	0.00	11.55	41.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
11.56	41.64	2.00	0.00	1.00	0.00	11.57	41.67	2.00	0.00	1.00	0.00
11.58	41.49	2.00	0.00	1.00	0.00	11.59	41.20	2.00	0.00	1.00	0.00
11.60	40.76	2.00	0.00	1.00	0.00	11.61	40.37	2.00	0.00	1.00	0.00
11.62	40.62	2.00	0.00	1.00	0.00	11.63	41.25	2.00	0.00	1.00	0.00
11.64	42.05	2.00	0.00	1.00	0.00	11.65	42.72	2.00	0.00	1.00	0.00
11.66	43.20	2.00	0.00	1.00	0.00	11.67	43.49	2.00	0.00	1.00	0.00
11.68	43.60	2.00	0.00	1.00	0.00	11.69	45.30	2.00	0.00	1.00	0.00
11.70	47.07	2.00	0.00	1.00	0.00	11.71	48.52	2.00	0.00	1.00	0.00
11.72	47.93	2.00	0.00	1.00	0.00	11.73	47.57	2.00	0.00	1.00	0.00
11.74	47.19	2.00	0.00	1.00	0.00	11.75	45.87	2.00	0.00	1.00	0.00
11.76	43.74	2.00	0.00	1.00	0.00	11.77	41.76	2.00	0.00	1.00	0.00
11.78	41.74	2.00	0.00	1.00	0.00	11.79	42.51	2.00	0.00	1.00	0.00
11.80	43.79	2.00	0.00	1.00	0.00	11.81	44.92	2.00	0.00	1.00	0.00
11.82	45.30	2.00	0.00	1.00	0.00	11.83	45.22	2.00	0.00	1.00	0.00
11.84	45.01	2.00	0.00	1.00	0.00	11.85	44.81	2.00	0.00	1.00	0.00
11.86	44.98	2.00	0.00	1.00	0.00	11.87	45.33	2.00	0.00	1.00	0.00
11.88	46.08	2.00	0.00	1.00	0.00	11.89	46.22	2.00	0.00	1.00	0.00
11.90	47.23	2.00	0.00	1.00	0.00	11.91	49.21	2.00	0.00	1.00	0.00
11.92	51.15	2.00	0.00	1.00	0.00	11.93	52.20	2.00	0.00	1.00	0.00
11.94	51.62	2.00	0.00	1.00	0.00	11.95	50.87	2.00	0.00	1.00	0.00
11.96	50.97	2.00	0.00	1.00	0.00	11.97	52.21	2.00	0.00	1.00	0.00
11.98	53.00	2.00	0.00	1.00	0.00	11.99	52.75	2.00	0.00	1.00	0.00
12.00	52.98	2.00	0.00	1.00	0.00	12.01	54.74	2.00	0.00	1.00	0.00
12.02	58.95	2.00	0.00	1.00	0.00	12.03	61.65	2.00	0.00	1.00	0.00
12.04	63.68	2.00	0.00	1.00	0.00	12.05	63.38	2.00	0.00	1.00	0.00
12.06	62.74	2.00	0.00	1.00	0.00	12.07	61.36	2.00	0.00	1.00	0.00
12.08	60.80	2.00	0.00	1.00	0.00	12.09	60.60	2.00	0.00	1.00	0.00
12.10	59.78	2.00	0.00	1.00	0.00	12.11	58.82	2.00	0.00	1.00	0.00
12.12	57.61	2.00	0.00	1.00	0.00	12.13	57.09	2.00	0.00	1.00	0.00
12.14	56.07	2.00	0.00	1.00	0.00	12.15	53.21	2.00	0.00	1.00	0.00
12.16	49.43	2.00	0.00	1.00	0.00	12.17	45.01	2.00	0.00	1.00	0.00
12.18	42.39	2.00	0.00	1.00	0.00	12.19	40.22	2.00	0.00	1.00	0.00
12.20	38.81	2.00	0.00	1.00	0.00	12.21	38.23	2.00	0.00	1.00	0.00
12.22	38.15	2.00	0.00	1.00	0.00	12.23	37.51	2.00	0.00	1.00	0.00
12.24	36.35	2.00	0.00	1.00	0.00	12.25	35.38	2.00	0.00	1.00	0.00
12.26	35.44	2.00	0.00	1.00	0.00	12.27	36.06	2.00	0.00	1.00	0.00
12.28	36.65	2.00	0.00	1.00	0.00	12.29	36.97	2.00	0.00	1.00	0.00
12.30	36.87	2.00	0.00	1.00	0.00	12.31	36.83	2.00	0.00	1.00	0.00
12.32	36.68	2.00	0.00	1.00	0.00	12.33	36.83	0.36	5.30	1.00	0.05
12.34	37.69	0.37	5.20	1.00	0.05	12.35	19.03	0.30	5.80	1.00	0.06
12.36	18.84	0.30	5.80	1.00	0.06	12.37	40.32	0.38	4.92	1.00	0.05
12.38	42.31	0.38	4.73	1.00	0.05	12.39	45.07	0.39	4.49	1.00	0.04
12.40	51.15	0.42	4.05	1.00	0.04	12.41	56.20	0.43	3.75	1.00	0.04
12.42	59.63	0.45	3.57	1.00	0.04	12.43	59.16	0.45	3.59	1.00	0.04
12.44	58.27	0.44	3.64	1.00	0.04	12.45	59.30	0.45	3.59	1.00	0.04
12.46	61.27	2.00	0.00	1.00	0.00	12.47	63.81	2.00	0.00	1.00	0.00
12.48	67.30	2.00	0.00	1.00	0.00	12.49	71.51	2.00	0.00	1.00	0.00
12.50	76.40	2.00	0.00	1.00	0.00	12.51	78.92	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	79.17	2.00	0.00	1.00	0.00	12.53	76.69	2.00	0.00	1.00	0.00
12.54	73.31	2.00	0.00	1.00	0.00	12.55	71.21	2.00	0.00	1.00	0.00
12.56	70.26	2.00	0.00	1.00	0.00	12.57	70.41	2.00	0.00	1.00	0.00
12.58	70.36	2.00	0.00	1.00	0.00	12.59	70.28	2.00	0.00	1.00	0.00
12.60	70.46	2.00	0.00	1.00	0.00	12.61	70.37	2.00	0.00	1.00	0.00
12.62	69.67	2.00	0.00	1.00	0.00	12.63	68.29	2.00	0.00	1.00	0.00
12.64	66.42	2.00	0.00	1.00	0.00	12.65	63.95	2.00	0.00	1.00	0.00
12.66	62.75	2.00	0.00	1.00	0.00	12.67	62.15	2.00	0.00	1.00	0.00
12.68	62.96	2.00	0.00	1.00	0.00	12.69	64.97	2.00	0.00	1.00	0.00
12.70	65.86	2.00	0.00	1.00	0.00	12.71	66.60	2.00	0.00	1.00	0.00
12.72	66.43	2.00	0.00	1.00	0.00	12.73	66.83	2.00	0.00	1.00	0.00
12.74	66.84	2.00	0.00	1.00	0.00	12.75	66.98	2.00	0.00	1.00	0.00
12.76	66.84	2.00	0.00	1.00	0.00	12.77	66.53	2.00	0.00	1.00	0.00
12.78	66.38	2.00	0.00	1.00	0.00	12.79	65.73	2.00	0.00	1.00	0.00
12.80	65.23	2.00	0.00	1.00	0.00	12.81	64.18	2.00	0.00	1.00	0.00
12.82	62.71	2.00	0.00	1.00	0.00	12.83	61.18	2.00	0.00	1.00	0.00
12.84	59.76	2.00	0.00	1.00	0.00	12.85	58.64	2.00	0.00	1.00	0.00
12.86	57.59	2.00	0.00	1.00	0.00	12.87	56.30	2.00	0.00	1.00	0.00
12.88	53.91	2.00	0.00	1.00	0.00	12.89	51.84	2.00	0.00	1.00	0.00
12.90	47.64	2.00	0.00	1.00	0.00	12.91	44.04	2.00	0.00	1.00	0.00
12.92	39.06	2.00	0.00	1.00	0.00	12.93	37.73	2.00	0.00	1.00	0.00
12.94	37.42	2.00	0.00	1.00	0.00	12.95	37.85	2.00	0.00	1.00	0.00
12.96	38.62	2.00	0.00	1.00	0.00	12.97	39.47	2.00	0.00	1.00	0.00
12.98	40.35	2.00	0.00	1.00	0.00	12.99	40.63	2.00	0.00	1.00	0.00
13.00	40.85	2.00	0.00	1.00	0.00	13.01	40.84	2.00	0.00	1.00	0.00
13.02	40.84	2.00	0.00	1.00	0.00	13.03	42.04	2.00	0.00	1.00	0.00
13.04	43.62	2.00	0.00	1.00	0.00	13.05	45.24	2.00	0.00	1.00	0.00
13.06	47.55	2.00	0.00	1.00	0.00	13.07	49.88	2.00	0.00	1.00	0.00
13.08	51.90	2.00	0.00	1.00	0.00	13.09	52.49	2.00	0.00	1.00	0.00
13.10	53.12	2.00	0.00	1.00	0.00	13.11	53.41	2.00	0.00	1.00	0.00
13.12	53.17	2.00	0.00	1.00	0.00	13.13	52.42	2.00	0.00	1.00	0.00
13.14	51.89	2.00	0.00	1.00	0.00	13.15	51.87	2.00	0.00	1.00	0.00
13.16	51.72	2.00	0.00	1.00	0.00	13.17	51.39	2.00	0.00	1.00	0.00
13.18	50.75	2.00	0.00	1.00	0.00	13.19	49.57	2.00	0.00	1.00	0.00
13.20	47.38	2.00	0.00	1.00	0.00	13.21	45.69	2.00	0.00	1.00	0.00
13.22	44.39	2.00	0.00	1.00	0.00	13.23	45.84	2.00	0.00	1.00	0.00
13.24	46.97	2.00	0.00	1.00	0.00	13.25	49.77	2.00	0.00	1.00	0.00
13.26	51.15	2.00	0.00	1.00	0.00	13.27	52.56	2.00	0.00	1.00	0.00
13.28	52.53	2.00	0.00	1.00	0.00	13.29	52.91	2.00	0.00	1.00	0.00
13.30	54.13	2.00	0.00	1.00	0.00	13.31	55.82	2.00	0.00	1.00	0.00
13.32	56.89	2.00	0.00	1.00	0.00	13.33	57.39	2.00	0.00	1.00	0.00
13.34	57.61	2.00	0.00	1.00	0.00	13.35	58.54	2.00	0.00	1.00	0.00
13.36	59.53	2.00	0.00	1.00	0.00	13.37	60.12	2.00	0.00	1.00	0.00
13.38	59.11	2.00	0.00	1.00	0.00	13.39	57.06	2.00	0.00	1.00	0.00
13.40	54.80	2.00	0.00	1.00	0.00	13.41	53.63	2.00	0.00	1.00	0.00
13.42	53.59	2.00	0.00	1.00	0.00	13.43	53.63	2.00	0.00	1.00	0.00
13.44	53.17	2.00	0.00	1.00	0.00	13.45	51.69	2.00	0.00	1.00	0.00
13.46	50.84	2.00	0.00	1.00	0.00	13.47	50.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	50.22	2.00	0.00	1.00	0.00	13.49	49.67	2.00	0.00	1.00	0.00
13.50	49.05	2.00	0.00	1.00	0.00	13.51	48.46	2.00	0.00	1.00	0.00
13.52	47.93	2.00	0.00	1.00	0.00	13.53	47.84	2.00	0.00	1.00	0.00
13.54	48.03	2.00	0.00	1.00	0.00	13.55	48.71	2.00	0.00	1.00	0.00
13.56	49.61	2.00	0.00	1.00	0.00	13.57	50.52	2.00	0.00	1.00	0.00
13.58	51.95	2.00	0.00	1.00	0.00	13.59	52.55	2.00	0.00	1.00	0.00
13.60	52.91	2.00	0.00	1.00	0.00	13.61	52.97	2.00	0.00	1.00	0.00
13.62	53.86	2.00	0.00	1.00	0.00	13.63	56.87	2.00	0.00	1.00	0.00
13.64	61.21	2.00	0.00	1.00	0.00	13.65	65.08	2.00	0.00	1.00	0.00
13.66	67.12	2.00	0.00	1.00	0.00	13.67	67.37	2.00	0.00	1.00	0.00
13.68	67.43	0.51	3.23	1.00	0.03	13.69	69.73	2.00	0.00	1.00	0.00
13.70	72.14	2.00	0.00	1.00	0.00	13.71	74.62	2.00	0.00	1.00	0.00
13.72	75.97	2.00	0.00	1.00	0.00	13.73	79.54	2.00	0.00	1.00	0.00
13.74	81.80	2.00	0.00	1.00	0.00	13.75	81.82	2.00	0.00	1.00	0.00
13.76	78.84	2.00	0.00	1.00	0.00	13.77	77.12	2.00	0.00	1.00	0.00
13.78	76.98	2.00	0.00	1.00	0.00	13.79	77.59	2.00	0.00	1.00	0.00
13.80	77.00	2.00	0.00	1.00	0.00	13.81	76.26	2.00	0.00	1.00	0.00
13.82	75.27	2.00	0.00	1.00	0.00	13.83	74.68	2.00	0.00	1.00	0.00
13.84	73.34	2.00	0.00	1.00	0.00	13.85	72.24	2.00	0.00	1.00	0.00
13.86	69.72	2.00	0.00	1.00	0.00	13.87	66.58	2.00	0.00	1.00	0.00
13.88	62.38	2.00	0.00	1.00	0.00	13.89	60.29	2.00	0.00	1.00	0.00
13.90	59.26	2.00	0.00	1.00	0.00	13.91	58.32	2.00	0.00	1.00	0.00
13.92	55.91	2.00	0.00	1.00	0.00	13.93	52.23	2.00	0.00	1.00	0.00
13.94	47.65	2.00	0.00	1.00	0.00	13.95	44.10	2.00	0.00	1.00	0.00
13.96	42.37	2.00	0.00	1.00	0.00	13.97	42.62	2.00	0.00	1.00	0.00
13.98	42.65	2.00	0.00	1.00	0.00	13.99	42.73	2.00	0.00	1.00	0.00
14.00	42.53	2.00	0.00	1.00	0.00	14.01	42.28	2.00	0.00	1.00	0.00
14.02	42.02	2.00	0.00	1.00	0.00	14.03	41.97	2.00	0.00	1.00	0.00
14.04	42.12	2.00	0.00	1.00	0.00	14.05	42.04	2.00	0.00	1.00	0.00
14.06	41.83	2.00	0.00	1.00	0.00	14.07	41.55	2.00	0.00	1.00	0.00
14.08	41.28	2.00	0.00	1.00	0.00	14.09	40.81	2.00	0.00	1.00	0.00
14.10	40.59	2.00	0.00	1.00	0.00	14.11	40.66	2.00	0.00	1.00	0.00
14.12	40.72	2.00	0.00	1.00	0.00	14.13	40.24	2.00	0.00	1.00	0.00
14.14	39.39	2.00	0.00	1.00	0.00	14.15	38.92	2.00	0.00	1.00	0.00
14.16	38.77	2.00	0.00	1.00	0.00	14.17	38.72	2.00	0.00	1.00	0.00
14.18	38.61	2.00	0.00	1.00	0.00	14.19	38.78	2.00	0.00	1.00	0.00
14.20	39.27	2.00	0.00	1.00	0.00	14.21	39.79	2.00	0.00	1.00	0.00
14.22	39.69	2.00	0.00	1.00	0.00	14.23	40.56	2.00	0.00	1.00	0.00
14.24	42.52	0.41	4.71	1.00	0.05	14.25	44.69	0.42	4.52	1.00	0.05
14.26	46.26	0.42	4.40	1.00	0.04	14.27	46.41	0.42	4.39	1.00	0.04
14.28	46.38	0.42	4.39	1.00	0.04	14.29	25.74	0.34	5.80	1.00	0.06
14.30	48.09	0.43	4.26	1.00	0.04	14.31	49.90	0.44	4.13	1.00	0.04
14.32	52.78	0.45	3.95	1.00	0.04	14.33	54.59	0.46	3.84	1.00	0.04
14.34	57.40	0.47	3.68	1.00	0.04	14.35	61.34	0.49	3.49	1.00	0.03
14.36	66.88	2.00	0.00	1.00	0.00	14.37	71.95	2.00	0.00	1.00	0.00
14.38	74.69	2.00	0.00	1.00	0.00	14.39	75.52	2.00	0.00	1.00	0.00
14.40	76.66	2.00	0.00	1.00	0.00	14.41	78.40	2.00	0.00	1.00	0.00
14.42	81.06	2.00	0.00	1.00	0.00	14.43	81.90	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
14.44	80.88	2.00	0.00	1.00	0.00	14.45	78.47	2.00	0.00	1.00	0.00
14.46	76.90	0.59	2.90	1.00	0.03	14.47	76.50	0.59	2.91	1.00	0.03
14.48	78.01	0.60	2.86	1.00	0.03	14.49	81.68	0.63	2.76	1.00	0.03
14.50	85.97	0.67	2.65	1.00	0.03	14.51	89.23	2.00	0.00	1.00	0.00
14.52	90.54	2.00	0.00	1.00	0.00	14.53	92.92	2.00	0.00	1.00	0.00
14.54	97.56	2.00	0.00	1.00	0.00	14.55	103.08	2.00	0.00	1.00	0.00
14.56	106.10	2.00	0.00	1.00	0.00	14.57	107.40	2.00	0.00	1.00	0.00
14.58	108.36	2.00	0.00	1.00	0.00	14.59	109.61	2.00	0.00	1.00	0.00
14.60	109.85	2.00	0.00	1.00	0.00	14.61	109.26	2.00	0.00	1.00	0.00
14.62	108.76	2.00	0.00	1.00	0.00	14.63	108.89	2.00	0.00	1.00	0.00
14.64	108.53	2.00	0.00	1.00	0.00	14.65	106.63	2.00	0.00	1.00	0.00
14.66	103.29	2.00	0.00	1.00	0.00	14.67	100.62	2.00	0.00	1.00	0.00
14.68	99.31	2.00	0.00	1.00	0.00	14.69	94.33	2.00	0.00	1.00	0.00
14.70	88.81	2.00	0.00	1.00	0.00	14.71	84.00	2.00	0.00	1.00	0.00
14.72	84.33	2.00	0.00	1.00	0.00	14.73	84.22	2.00	0.00	1.00	0.00
14.74	81.71	2.00	0.00	1.00	0.00	14.75	79.03	2.00	0.00	1.00	0.00
14.76	74.22	2.00	0.00	1.00	0.00	14.77	70.68	2.00	0.00	1.00	0.00
14.78	66.39	2.00	0.00	1.00	0.00	14.79	65.11	2.00	0.00	1.00	0.00
14.80	64.61	2.00	0.00	1.00	0.00	14.81	64.31	2.00	0.00	1.00	0.00
14.82	63.41	2.00	0.00	1.00	0.00	14.83	62.89	2.00	0.00	1.00	0.00
14.84	63.10	2.00	0.00	1.00	0.00	14.85	63.61	2.00	0.00	1.00	0.00
14.86	64.06	2.00	0.00	1.00	0.00	14.87	64.32	2.00	0.00	1.00	0.00
14.88	64.06	2.00	0.00	1.00	0.00	14.89	63.71	2.00	0.00	1.00	0.00
14.90	63.53	2.00	0.00	1.00	0.00	14.91	64.07	2.00	0.00	1.00	0.00
14.92	65.17	2.00	0.00	1.00	0.00	14.93	66.31	2.00	0.00	1.00	0.00
14.94	67.82	2.00	0.00	1.00	0.00	14.95	69.67	2.00	0.00	1.00	0.00
14.96	71.24	2.00	0.00	1.00	0.00	14.97	72.19	2.00	0.00	1.00	0.00
14.98	72.50	2.00	0.00	1.00	0.00	14.99	72.35	2.00	0.00	1.00	0.00
15.00	72.19	2.00	0.00	1.00	0.00	15.01	71.74	2.00	0.00	1.00	0.00
15.02	71.24	2.00	0.00	1.00	0.00	15.03	70.61	2.00	0.00	1.00	0.00
15.04	70.26	2.00	0.00	1.00	0.00	15.05	70.31	2.00	0.00	1.00	0.00
15.06	70.75	2.00	0.00	1.00	0.00	15.07	71.87	2.00	0.00	1.00	0.00
15.08	73.49	2.00	0.00	1.00	0.00	15.09	75.02	2.00	0.00	1.00	0.00
15.10	76.61	2.00	0.00	1.00	0.00	15.11	78.27	2.00	0.00	1.00	0.00
15.12	79.92	2.00	0.00	1.00	0.00	15.13	80.78	2.00	0.00	1.00	0.00
15.14	81.79	2.00	0.00	1.00	0.00	15.15	83.03	2.00	0.00	1.00	0.00
15.16	84.83	2.00	0.00	1.00	0.00	15.17	86.74	2.00	0.00	1.00	0.00
15.18	88.18	2.00	0.00	1.00	0.00	15.19	89.87	2.00	0.00	1.00	0.00
15.20	91.26	2.00	0.00	1.00	0.00	15.21	93.38	2.00	0.00	1.00	0.00
15.22	96.02	2.00	0.00	1.00	0.00	15.23	98.29	2.00	0.00	1.00	0.00
15.24	99.90	2.00	0.00	1.00	0.00	15.25	100.41	2.00	0.00	1.00	0.00
15.26	101.18	2.00	0.00	1.00	0.00	15.27	102.91	2.00	0.00	1.00	0.00
15.28	105.12	2.00	0.00	1.00	0.00	15.29	107.38	2.00	0.00	1.00	0.00
15.30	108.60	2.00	0.00	1.00	0.00	15.31	108.75	2.00	0.00	1.00	0.00
15.32	107.90	2.00	0.00	1.00	0.00	15.33	106.54	2.00	0.00	1.00	0.00
15.34	105.07	2.00	0.00	1.00	0.00	15.35	103.89	2.00	0.00	1.00	0.00
15.36	103.34	2.00	0.00	1.00	0.00	15.37	103.78	2.00	0.00	1.00	0.00
15.38	105.57	2.00	0.00	1.00	0.00	15.39	107.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
15.40	109.57	2.00	0.00	1.00	0.00	15.41	110.18	2.00	0.00	1.00	0.00
15.42	109.87	2.00	0.00	1.00	0.00	15.43	108.89	2.00	0.00	1.00	0.00
15.44	108.00	2.00	0.00	1.00	0.00	15.45	107.54	2.00	0.00	1.00	0.00
15.46	107.17	2.00	0.00	1.00	0.00	15.47	107.04	2.00	0.00	1.00	0.00
15.48	106.87	2.00	0.00	1.00	0.00	15.49	106.74	2.00	0.00	1.00	0.00
15.50	106.51	2.00	0.00	1.00	0.00	15.51	105.69	2.00	0.00	1.00	0.00
15.52	104.75	2.00	0.00	1.00	0.00	15.53	103.72	2.00	0.00	1.00	0.00
15.54	103.19	2.00	0.00	1.00	0.00	15.55	102.68	2.00	0.00	1.00	0.00
15.56	101.94	2.00	0.00	1.00	0.00	15.57	101.22	2.00	0.00	1.00	0.00
15.58	100.68	2.00	0.00	1.00	0.00	15.59	100.38	2.00	0.00	1.00	0.00
15.60	100.20	2.00	0.00	1.00	0.00	15.61	99.90	2.00	0.00	1.00	0.00
15.62	99.51	2.00	0.00	1.00	0.00	15.63	99.01	2.00	0.00	1.00	0.00
15.64	99.01	2.00	0.00	1.00	0.00	15.65	99.23	2.00	0.00	1.00	0.00
15.66	99.66	2.00	0.00	1.00	0.00	15.67	99.73	2.00	0.00	1.00	0.00
15.68	99.80	2.00	0.00	1.00	0.00	15.69	98.80	2.00	0.00	1.00	0.00
15.70	98.01	2.00	0.00	1.00	0.00	15.71	97.42	2.00	0.00	1.00	0.00
15.72	98.03	2.00	0.00	1.00	0.00	15.73	98.36	2.00	0.00	1.00	0.00
15.74	98.25	2.00	0.00	1.00	0.00	15.75	97.78	2.00	0.00	1.00	0.00
15.76	97.11	2.00	0.00	1.00	0.00	15.77	96.43	2.00	0.00	1.00	0.00
15.78	95.67	2.00	0.00	1.00	0.00	15.79	94.89	2.00	0.00	1.00	0.00
15.80	94.08	2.00	0.00	1.00	0.00	15.81	93.27	2.00	0.00	1.00	0.00
15.82	92.52	2.00	0.00	1.00	0.00	15.83	91.90	2.00	0.00	1.00	0.00
15.84	91.13	2.00	0.00	1.00	0.00	15.85	90.25	2.00	0.00	1.00	0.00
15.86	89.28	2.00	0.00	1.00	0.00	15.87	88.40	2.00	0.00	1.00	0.00
15.88	87.91	2.00	0.00	1.00	0.00	15.89	87.57	2.00	0.00	1.00	0.00
15.90	87.55	2.00	0.00	1.00	0.00	15.91	87.53	2.00	0.00	1.00	0.00
15.92	87.64	2.00	0.00	1.00	0.00	15.93	87.93	2.00	0.00	1.00	0.00
15.94	88.43	2.00	0.00	1.00	0.00	15.95	89.04	2.00	0.00	1.00	0.00
15.96	89.60	2.00	0.00	1.00	0.00	15.97	90.05	2.00	0.00	1.00	0.00
15.98	90.50	2.00	0.00	1.00	0.00	15.99	90.93	2.00	0.00	1.00	0.00
16.00	91.35	2.00	0.00	1.00	0.00	16.01	91.62	2.00	0.00	1.00	0.00
16.02	91.78	2.00	0.00	1.00	0.00	16.03	91.92	2.00	0.00	1.00	0.00
16.04	92.12	2.00	0.00	1.00	0.00	16.05	92.19	2.00	0.00	1.00	0.00
16.06	91.99	2.00	0.00	1.00	0.00	16.07	91.48	2.00	0.00	1.00	0.00
16.08	90.89	2.00	0.00	1.00	0.00	16.09	90.33	2.00	0.00	1.00	0.00
16.10	89.61	2.00	0.00	1.00	0.00	16.11	89.01	2.00	0.00	1.00	0.00
16.12	88.36	2.00	0.00	1.00	0.00	16.13	87.89	2.00	0.00	1.00	0.00
16.14	87.33	2.00	0.00	1.00	0.00	16.15	86.78	2.00	0.00	1.00	0.00
16.16	86.28	2.00	0.00	1.00	0.00	16.17	85.95	2.00	0.00	1.00	0.00
16.18	85.66	2.00	0.00	1.00	0.00	16.19	85.49	2.00	0.00	1.00	0.00
16.20	85.23	2.00	0.00	1.00	0.00	16.21	85.15	2.00	0.00	1.00	0.00
16.22	84.92	2.00	0.00	1.00	0.00	16.23	85.27	2.00	0.00	1.00	0.00
16.24	85.74	2.00	0.00	1.00	0.00	16.25	86.52	2.00	0.00	1.00	0.00
16.26	86.97	2.00	0.00	1.00	0.00	16.27	87.39	2.00	0.00	1.00	0.00
16.28	87.45	2.00	0.00	1.00	0.00	16.29	87.54	2.00	0.00	1.00	0.00
16.30	87.70	2.00	0.00	1.00	0.00	16.31	88.20	2.00	0.00	1.00	0.00
16.32	88.65	2.00	0.00	1.00	0.00	16.33	88.84	2.00	0.00	1.00	0.00
16.34	88.76	2.00	0.00	1.00	0.00	16.35	88.38	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	87.34	2.00	0.00	1.00	0.00	16.37	86.42	2.00	0.00	1.00	0.00
16.38	85.12	2.00	0.00	1.00	0.00	16.39	84.23	2.00	0.00	1.00	0.00
16.40	83.08	2.00	0.00	1.00	0.00	16.41	82.50	2.00	0.00	1.00	0.00
16.42	82.27	2.00	0.00	1.00	0.00	16.43	82.11	2.00	0.00	1.00	0.00
16.44	81.66	2.00	0.00	1.00	0.00	16.45	81.09	2.00	0.00	1.00	0.00
16.46	80.54	2.00	0.00	1.00	0.00	16.47	80.48	2.00	0.00	1.00	0.00
16.48	80.39	2.00	0.00	1.00	0.00	16.49	80.38	2.00	0.00	1.00	0.00
16.50	79.99	2.00	0.00	1.00	0.00	16.51	79.76	2.00	0.00	1.00	0.00
16.52	79.49	2.00	0.00	1.00	0.00	16.53	79.39	2.00	0.00	1.00	0.00
16.54	79.22	2.00	0.00	1.00	0.00	16.55	78.98	2.00	0.00	1.00	0.00
16.56	78.69	2.00	0.00	1.00	0.00	16.57	78.44	2.00	0.00	1.00	0.00
16.58	78.42	2.00	0.00	1.00	0.00	16.59	78.43	2.00	0.00	1.00	0.00
16.60	77.97	2.00	0.00	1.00	0.00	16.61	77.44	2.00	0.00	1.00	0.00
16.62	77.18	2.00	0.00	1.00	0.00	16.63	77.51	2.00	0.00	1.00	0.00
16.64	77.73	2.00	0.00	1.00	0.00	16.65	77.89	2.00	0.00	1.00	0.00
16.66	78.24	2.00	0.00	1.00	0.00	16.67	78.70	2.00	0.00	1.00	0.00
16.68	79.03	2.00	0.00	1.00	0.00	16.69	76.64	2.00	0.00	1.00	0.00
16.70	74.16	2.00	0.00	1.00	0.00	16.71	72.54	2.00	0.00	1.00	0.00
16.72	73.54	2.00	0.00	1.00	0.00	16.73	75.88	2.00	0.00	1.00	0.00
16.74	77.66	2.00	0.00	1.00	0.00	16.75	79.51	2.00	0.00	1.00	0.00
16.76	80.80	2.00	0.00	1.00	0.00	16.77	82.01	2.00	0.00	1.00	0.00
16.78	83.43	2.00	0.00	1.00	0.00	16.79	84.18	2.00	0.00	1.00	0.00
16.80	84.45	2.00	0.00	1.00	0.00	16.81	84.35	2.00	0.00	1.00	0.00
16.82	84.40	2.00	0.00	1.00	0.00	16.83	85.77	2.00	0.00	1.00	0.00
16.84	87.16	2.00	0.00	1.00	0.00	16.85	89.04	2.00	0.00	1.00	0.00
16.86	90.01	2.00	0.00	1.00	0.00	16.87	90.98	2.00	0.00	1.00	0.00
16.88	91.15	2.00	0.00	1.00	0.00	16.89	91.43	2.00	0.00	1.00	0.00
16.90	91.66	2.00	0.00	1.00	0.00	16.91	91.77	2.00	0.00	1.00	0.00
16.92	91.55	2.00	0.00	1.00	0.00	16.93	91.34	2.00	0.00	1.00	0.00
16.94	91.16	2.00	0.00	1.00	0.00	16.95	90.76	2.00	0.00	1.00	0.00
16.96	90.66	2.00	0.00	1.00	0.00	16.97	90.46	2.00	0.00	1.00	0.00
16.98	90.09	2.00	0.00	1.00	0.00	16.99	89.24	2.00	0.00	1.00	0.00
17.00	88.42	2.00	0.00	1.00	0.00	17.01	87.70	2.00	0.00	1.00	0.00
17.02	86.83	2.00	0.00	1.00	0.00	17.03	85.89	2.00	0.00	1.00	0.00
17.04	85.96	2.00	0.00	1.00	0.00	17.05	86.62	2.00	0.00	1.00	0.00
17.06	87.42	2.00	0.00	1.00	0.00	17.07	87.32	2.00	0.00	1.00	0.00
17.08	86.60	2.00	0.00	1.00	0.00	17.09	85.85	2.00	0.00	1.00	0.00
17.10	85.35	2.00	0.00	1.00	0.00	17.11	85.49	2.00	0.00	1.00	0.00
17.12	85.53	2.00	0.00	1.00	0.00	17.13	85.14	2.00	0.00	1.00	0.00
17.14	84.13	2.00	0.00	1.00	0.00	17.15	83.15	2.00	0.00	1.00	0.00
17.16	82.93	2.00	0.00	1.00	0.00	17.17	83.20	2.00	0.00	1.00	0.00
17.18	83.66	2.00	0.00	1.00	0.00	17.19	83.19	2.00	0.00	1.00	0.00
17.20	82.55	2.00	0.00	1.00	0.00	17.21	82.25	2.00	0.00	1.00	0.00
17.22	82.98	2.00	0.00	1.00	0.00	17.23	83.99	2.00	0.00	1.00	0.00
17.24	84.40	2.00	0.00	1.00	0.00	17.25	83.96	2.00	0.00	1.00	0.00
17.26	82.80	2.00	0.00	1.00	0.00	17.27	81.70	2.00	0.00	1.00	0.00
17.28	80.49	2.00	0.00	1.00	0.00	17.29	79.10	2.00	0.00	1.00	0.00
17.30	77.43	2.00	0.00	1.00	0.00	17.31	75.61	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
17.32	74.25	2.00	0.00	1.00	0.00	17.33	73.34	2.00	0.00	1.00	0.00
17.34	73.03	2.00	0.00	1.00	0.00	17.35	72.35	2.00	0.00	1.00	0.00
17.36	71.22	2.00	0.00	1.00	0.00	17.37	69.74	2.00	0.00	1.00	0.00
17.38	68.46	2.00	0.00	1.00	0.00	17.39	67.68	2.00	0.00	1.00	0.00
17.40	67.49	2.00	0.00	1.00	0.00	17.41	67.79	2.00	0.00	1.00	0.00
17.42	68.35	2.00	0.00	1.00	0.00	17.43	68.76	2.00	0.00	1.00	0.00
17.44	70.38	2.00	0.00	1.00	0.00	17.45	72.62	2.00	0.00	1.00	0.00
17.46	75.64	2.00	0.00	1.00	0.00	17.47	78.74	2.00	0.00	1.00	0.00
17.48	81.12	2.00	0.00	1.00	0.00	17.49	82.58	2.00	0.00	1.00	0.00
17.50	82.69	2.00	0.00	1.00	0.00	17.51	82.03	2.00	0.00	1.00	0.00
17.52	81.47	2.00	0.00	1.00	0.00	17.53	81.34	2.00	0.00	1.00	0.00
17.54	82.10	2.00	0.00	1.00	0.00	17.55	83.07	2.00	0.00	1.00	0.00
17.56	83.50	2.00	0.00	1.00	0.00	17.57	83.42	2.00	0.00	1.00	0.00
17.58	83.55	2.00	0.00	1.00	0.00	17.59	83.52	2.00	0.00	1.00	0.00
17.60	83.42	2.00	0.00	1.00	0.00	17.61	83.05	2.00	0.00	1.00	0.00
17.62	83.49	2.00	0.00	1.00	0.00	17.63	84.78	2.00	0.00	1.00	0.00
17.64	86.63	2.00	0.00	1.00	0.00	17.65	89.77	2.00	0.00	1.00	0.00
17.66	92.31	2.00	0.00	1.00	0.00	17.67	94.12	2.00	0.00	1.00	0.00
17.68	97.15	2.00	0.00	1.00	0.00	17.69	101.38	2.00	0.00	1.00	0.00
17.70	105.85	2.00	0.00	1.00	0.00	17.71	107.22	2.00	0.00	1.00	0.00
17.72	107.03	2.00	0.00	1.00	0.00	17.73	106.34	2.00	0.00	1.00	0.00
17.74	106.41	2.00	0.00	1.00	0.00	17.75	107.02	2.00	0.00	1.00	0.00
17.76	108.00	2.00	0.00	1.00	0.00	17.77	108.12	2.00	0.00	1.00	0.00
17.78	107.95	2.00	0.00	1.00	0.00	17.79	106.89	2.00	0.00	1.00	0.00
17.80	105.76	2.00	0.00	1.00	0.00	17.81	104.77	2.00	0.00	1.00	0.00
17.82	104.09	2.00	0.00	1.00	0.00	17.83	103.18	2.00	0.00	1.00	0.00
17.84	100.47	2.00	0.00	1.00	0.00	17.85	97.66	2.00	0.00	1.00	0.00
17.86	95.27	2.00	0.00	1.00	0.00	17.87	94.62	2.00	0.00	1.00	0.00
17.88	94.79	2.00	0.00	1.00	0.00	17.89	95.04	2.00	0.00	1.00	0.00
17.90	95.02	2.00	0.00	1.00	0.00	17.91	93.95	2.00	0.00	1.00	0.00
17.92	91.83	2.00	0.00	1.00	0.00	17.93	89.14	2.00	0.00	1.00	0.00
17.94	85.84	2.00	0.00	1.00	0.00	17.95	83.44	2.00	0.00	1.00	0.00
17.96	82.35	2.00	0.00	1.00	0.00	17.97	82.38	2.00	0.00	1.00	0.00
17.98	82.12	2.00	0.00	1.00	0.00	17.99	81.34	2.00	0.00	1.00	0.00
18.00	80.85	2.00	0.00	1.00	0.00	18.01	81.20	2.00	0.00	1.00	0.00
18.02	81.83	2.00	0.00	1.00	0.00	18.03	81.96	2.00	0.00	1.00	0.00
18.04	81.64	2.00	0.00	1.00	0.00	18.05	80.91	2.00	0.00	1.00	0.00
18.06	80.48	2.00	0.00	1.00	0.00	18.07	80.66	2.00	0.00	1.00	0.00
18.08	81.03	2.00	0.00	1.00	0.00	18.09	79.50	2.00	0.00	1.00	0.00
18.10	77.08	2.00	0.00	1.00	0.00	18.11	75.13	2.00	0.00	1.00	0.00
18.12	75.77	2.00	0.00	1.00	0.00	18.13	77.57	2.00	0.00	1.00	0.00
18.14	81.13	2.00	0.00	1.00	0.00	18.15	85.31	2.00	0.00	1.00	0.00
18.16	89.44	2.00	0.00	1.00	0.00	18.17	91.99	2.00	0.00	1.00	0.00
18.18	93.00	2.00	0.00	1.00	0.00	18.19	92.52	2.00	0.00	1.00	0.00
18.20	91.40	2.00	0.00	1.00	0.00	18.21	90.07	2.00	0.00	1.00	0.00
18.22	88.38	2.00	0.00	1.00	0.00	18.23	85.27	2.00	0.00	1.00	0.00
18.24	81.32	2.00	0.00	1.00	0.00	18.25	78.78	2.00	0.00	1.00	0.00
18.26	79.34	2.00	0.00	1.00	0.00	18.27	82.75	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	88.81	2.00	0.00	1.00	0.00	18.29	93.55	2.00	0.00	1.00	0.00
18.30	96.51	2.00	0.00	1.00	0.00	18.31	96.90	2.00	0.00	1.00	0.00
18.32	96.77	2.00	0.00	1.00	0.00	18.33	96.43	2.00	0.00	1.00	0.00
18.34	95.23	2.00	0.00	1.00	0.00	18.35	92.98	2.00	0.00	1.00	0.00
18.36	90.74	2.00	0.00	1.00	0.00	18.37	88.98	2.00	0.00	1.00	0.00
18.38	88.43	2.00	0.00	1.00	0.00	18.39	88.71	2.00	0.00	1.00	0.00
18.40	89.57	2.00	0.00	1.00	0.00	18.41	90.85	2.00	0.00	1.00	0.00
18.42	91.45	2.00	0.00	1.00	0.00	18.43	91.72	2.00	0.00	1.00	0.00
18.44	91.72	2.00	0.00	1.00	0.00	18.45	91.39	2.00	0.00	1.00	0.00
18.46	90.89	2.00	0.00	1.00	0.00	18.47	90.25	2.00	0.00	1.00	0.00
18.48	89.09	2.00	0.00	1.00	0.00	18.49	87.19	2.00	0.00	1.00	0.00
18.50	84.72	2.00	0.00	1.00	0.00	18.51	82.06	2.00	0.00	1.00	0.00
18.52	79.92	2.00	0.00	1.00	0.00	18.53	77.82	2.00	0.00	1.00	0.00
18.54	76.54	2.00	0.00	1.00	0.00	18.55	75.59	2.00	0.00	1.00	0.00
18.56	75.71	2.00	0.00	1.00	0.00	18.57	76.31	2.00	0.00	1.00	0.00
18.58	77.61	2.00	0.00	1.00	0.00	18.59	79.76	2.00	0.00	1.00	0.00
18.60	82.04	2.00	0.00	1.00	0.00	18.61	84.33	2.00	0.00	1.00	0.00
18.62	86.03	2.00	0.00	1.00	0.00	18.63	88.39	2.00	0.00	1.00	0.00
18.64	90.64	2.00	0.00	1.00	0.00	18.65	93.07	2.00	0.00	1.00	0.00
18.66	94.31	2.00	0.00	1.00	0.00	18.67	95.05	2.00	0.00	1.00	0.00
18.68	93.51	2.00	0.00	1.00	0.00	18.69	92.71	2.00	0.00	1.00	0.00
18.70	92.44	2.00	0.00	1.00	0.00	18.71	93.50	2.00	0.00	1.00	0.00
18.72	94.09	2.00	0.00	1.00	0.00	18.73	94.19	2.00	0.00	1.00	0.00
18.74	93.60	2.00	0.00	1.00	0.00	18.75	92.60	2.00	0.00	1.00	0.00
18.76	91.66	2.00	0.00	1.00	0.00	18.77	90.38	2.00	0.00	1.00	0.00
18.78	88.55	2.00	0.00	1.00	0.00	18.79	86.00	2.00	0.00	1.00	0.00
18.80	72.27	2.00	0.00	1.00	0.00	18.81	70.71	2.00	0.00	1.00	0.00
18.82	68.85	2.00	0.00	1.00	0.00	18.83	66.87	2.00	0.00	1.00	0.00
18.84	64.94	2.00	0.00	1.00	0.00	18.85	63.15	2.00	0.00	1.00	0.00
18.86	62.02	2.00	0.00	1.00	0.00	18.87	61.20	2.00	0.00	1.00	0.00
18.88	60.95	2.00	0.00	1.00	0.00	18.89	61.14	2.00	0.00	1.00	0.00
18.90	61.37	2.00	0.00	1.00	0.00	18.91	61.37	2.00	0.00	1.00	0.00
18.92	61.10	2.00	0.00	1.00	0.00	18.93	60.36	2.00	0.00	1.00	0.00
18.94	59.16	2.00	0.00	1.00	0.00	18.95	57.27	2.00	0.00	1.00	0.00
18.96	53.87	2.00	0.00	1.00	0.00	18.97	64.89	2.00	0.00	1.00	0.00
18.98	63.19	2.00	0.00	1.00	0.00	18.99	62.93	2.00	0.00	1.00	0.00
19.00	64.45	2.00	0.00	1.00	0.00	19.01	67.30	2.00	0.00	1.00	0.00
19.02	71.25	2.00	0.00	1.00	0.00	19.03	75.28	2.00	0.00	1.00	0.00
19.04	78.86	2.00	0.00	1.00	0.00	19.05	82.02	2.00	0.00	1.00	0.00
19.06	84.79	2.00	0.00	1.00	0.00	19.07	87.46	2.00	0.00	1.00	0.00
19.08	89.55	2.00	0.00	1.00	0.00	19.09	91.07	2.00	0.00	1.00	0.00
19.10	91.80	2.00	0.00	1.00	0.00	19.11	90.66	2.00	0.00	1.00	0.00
19.12	87.66	2.00	0.00	1.00	0.00	19.13	84.50	2.00	0.00	1.00	0.00
19.14	82.42	2.00	0.00	1.00	0.00	19.15	80.58	2.00	0.00	1.00	0.00
19.16	79.26	2.00	0.00	1.00	0.00	19.17	80.32	2.00	0.00	1.00	0.00
19.18	82.64	2.00	0.00	1.00	0.00	19.19	84.94	2.00	0.00	1.00	0.00
19.20	83.69	2.00	0.00	1.00	0.00	19.21	80.42	2.00	0.00	1.00	0.00
19.22	76.70	2.00	0.00	1.00	0.00	19.23	75.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	76.31	2.00	0.00	1.00	0.00	19.25	79.35	2.00	0.00	1.00	0.00
19.26	81.83	2.00	0.00	1.00	0.00	19.27	82.45	2.00	0.00	1.00	0.00
19.28	81.21	2.00	0.00	1.00	0.00	19.29	80.00	2.00	0.00	1.00	0.00
19.30	79.68	2.00	0.00	1.00	0.00	19.31	78.99	2.00	0.00	1.00	0.00
19.32	77.48	2.00	0.00	1.00	0.00	19.33	76.18	2.00	0.00	1.00	0.00
19.34	75.73	2.00	0.00	1.00	0.00	19.35	75.88	2.00	0.00	1.00	0.00
19.36	75.97	2.00	0.00	1.00	0.00	19.37	76.03	2.00	0.00	1.00	0.00
19.38	75.04	2.00	0.00	1.00	0.00	19.39	71.69	2.00	0.00	1.00	0.00
19.40	67.59	2.00	0.00	1.00	0.00	19.41	63.41	2.00	0.00	1.00	0.00
19.42	61.01	2.00	0.00	1.00	0.00	19.43	59.03	2.00	0.00	1.00	0.00
19.44	57.50	2.00	0.00	1.00	0.00	19.45	56.70	2.00	0.00	1.00	0.00
19.46	56.08	2.00	0.00	1.00	0.00	19.47	55.81	2.00	0.00	1.00	0.00
19.48	55.88	2.00	0.00	1.00	0.00	19.49	56.70	2.00	0.00	1.00	0.00
19.50	58.18	2.00	0.00	1.00	0.00	19.51	59.48	2.00	0.00	1.00	0.00
19.52	62.35	2.00	0.00	1.00	0.00	19.53	67.01	2.00	0.00	1.00	0.00
19.54	74.21	2.00	0.00	1.00	0.00	19.55	79.88	2.00	0.00	1.00	0.00
19.56	84.12	2.00	0.00	1.00	0.00	19.57	87.37	2.00	0.00	1.00	0.00
19.58	92.56	2.00	0.00	1.00	0.00	19.59	98.24	2.00	0.00	1.00	0.00
19.60	105.47	2.00	0.00	1.00	0.00	19.61	111.88	2.00	0.00	1.00	0.00
19.62	120.57	2.00	0.00	1.00	0.00	19.63	127.58	2.00	0.00	1.00	0.00
19.64	133.49	2.00	0.00	1.00	0.00	19.65	137.04	2.00	0.00	1.00	0.00
19.66	139.36	2.00	0.00	1.00	0.00	19.67	140.94	2.00	0.00	1.00	0.00
19.68	140.43	2.00	0.00	1.00	0.00	19.69	139.76	2.00	0.00	1.00	0.00
19.70	138.95	2.00	0.00	1.00	0.00	19.71	138.01	2.00	0.00	1.00	0.00
19.72	136.82	2.00	0.00	1.00	0.00	19.73	134.81	2.00	0.00	1.00	0.00
19.74	132.30	2.00	0.00	1.00	0.00	19.75	129.46	2.00	0.00	1.00	0.00
19.76	127.36	2.00	0.00	1.00	0.00	19.77	124.00	2.00	0.00	1.00	0.00
19.78	120.31	2.00	0.00	1.00	0.00	19.79	116.35	2.00	0.00	1.00	0.00
19.80	113.11	2.00	0.00	1.00	0.00	19.81	109.08	2.00	0.00	1.00	0.00
19.82	105.06	2.00	0.00	1.00	0.00	19.83	100.98	2.00	0.00	1.00	0.00
19.84	96.86	2.00	0.00	1.00	0.00	19.85	93.70	2.00	0.00	1.00	0.00
19.86	90.45	2.00	0.00	1.00	0.00	19.87	88.34	2.00	0.00	1.00	0.00
19.88	86.02	2.00	0.00	1.00	0.00	19.89	84.45	2.00	0.00	1.00	0.00
19.90	82.57	2.00	0.00	1.00	0.00	19.91	81.19	2.00	0.00	1.00	0.00
19.92	79.53	2.00	0.00	1.00	0.00	19.93	78.58	2.00	0.00	1.00	0.00
19.94	77.77	2.00	0.00	1.00	0.00	19.95	77.18	2.00	0.00	1.00	0.00
19.96	76.88	2.00	0.00	1.00	0.00	19.97	77.19	2.00	0.00	1.00	0.00
19.98	78.16	2.00	0.00	1.00	0.00	19.99	80.00	2.00	0.00	1.00	0.00
20.00	81.74	2.00	0.00	1.00	0.00	20.01	84.43	2.00	0.00	1.00	0.00
20.02	87.68	2.00	0.00	1.00	0.00	20.03	90.85	2.00	0.00	1.00	0.00
20.04	92.14	2.00	0.00	1.00	0.00	20.05	91.65	2.00	0.00	1.00	0.00
20.06	90.77	2.00	0.00	1.00	0.00	20.07	89.59	2.00	0.00	1.00	0.00
20.08	87.97	2.00	0.00	1.00	0.00	20.09	86.32	2.00	0.00	1.00	0.00
20.10	85.07	2.00	0.00	1.00	0.00	20.11	83.99	2.00	0.00	1.00	0.00
20.12	83.09	2.00	0.00	1.00	0.00						

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
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**Total estimated settlement: 16.20****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**

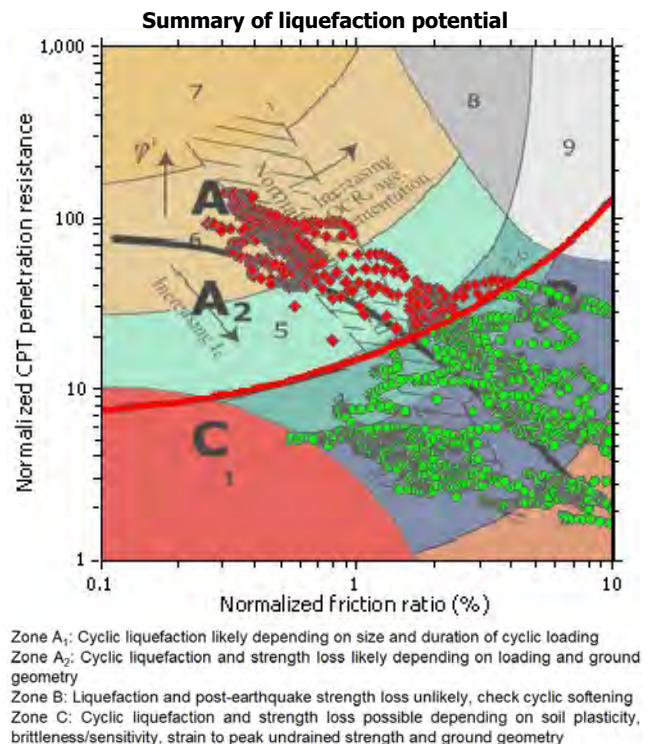
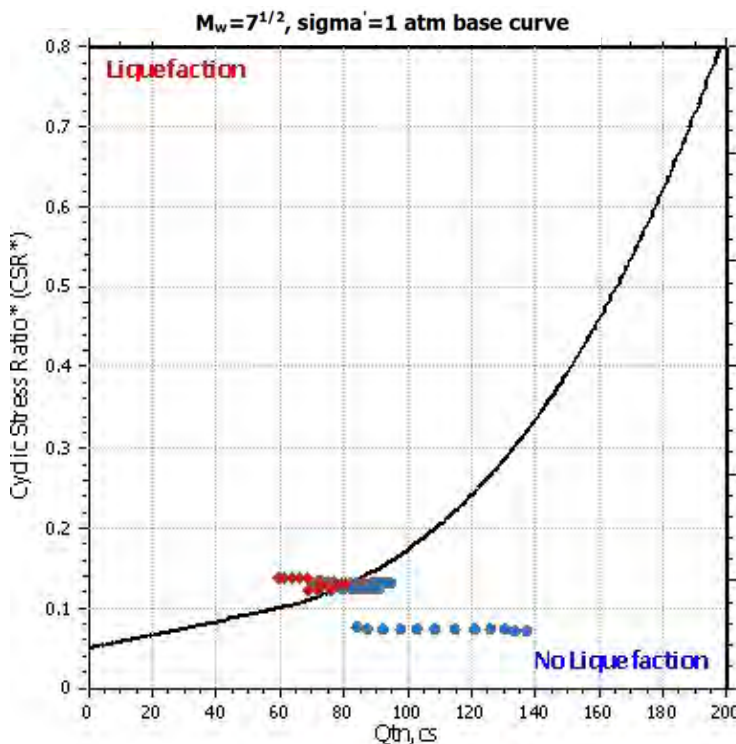
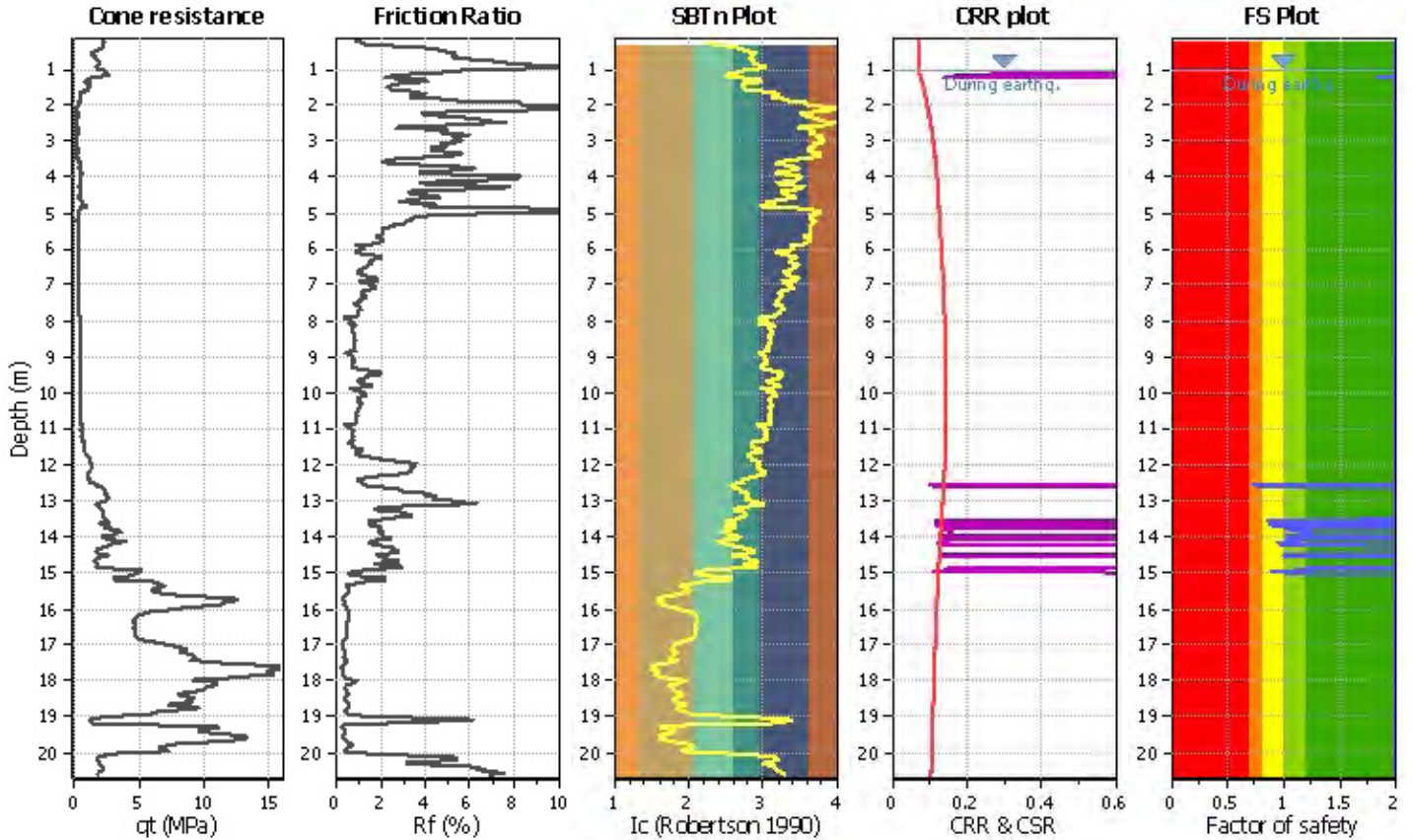
**Project title :**

**Location :**

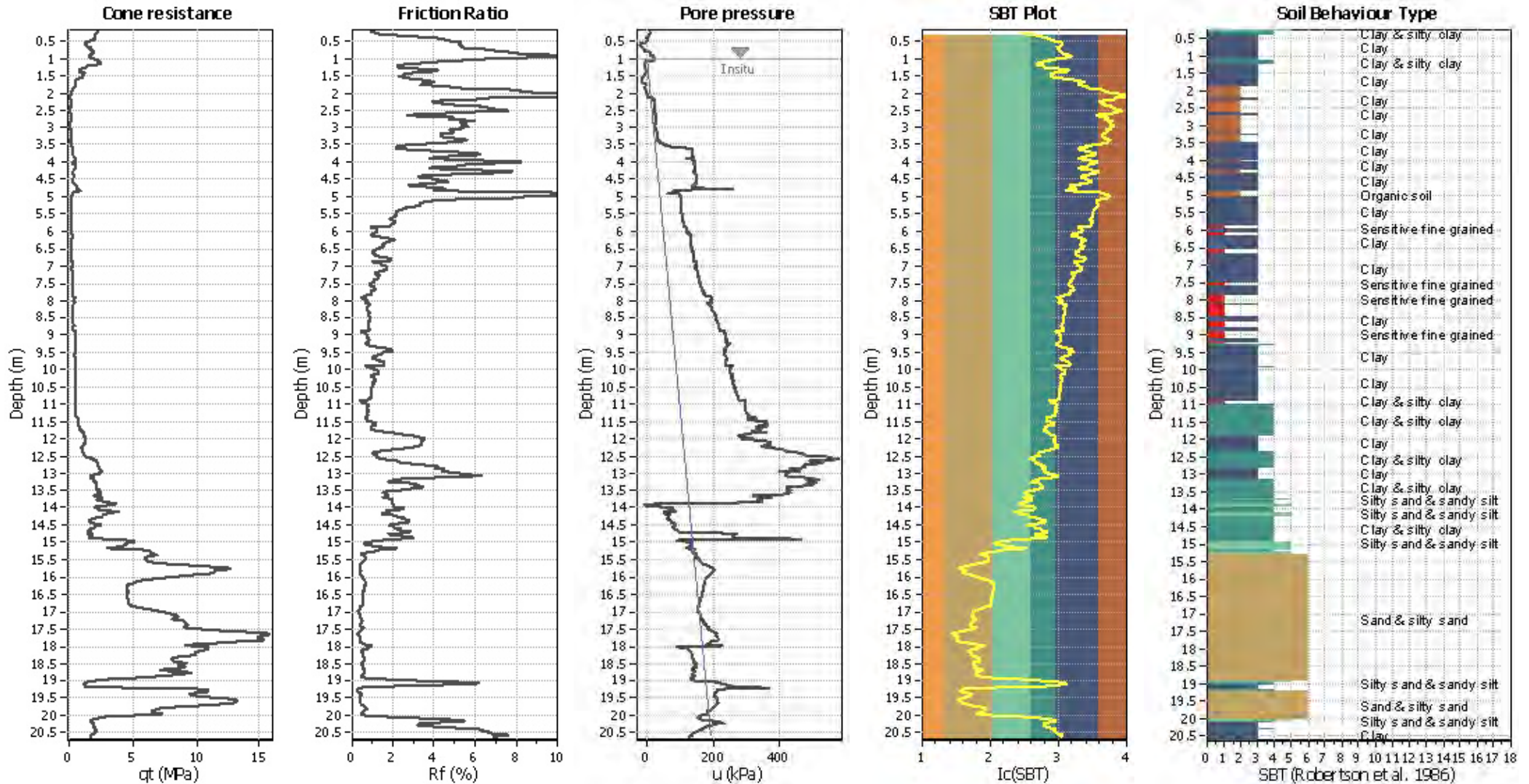
**CPT file : CPTU1 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



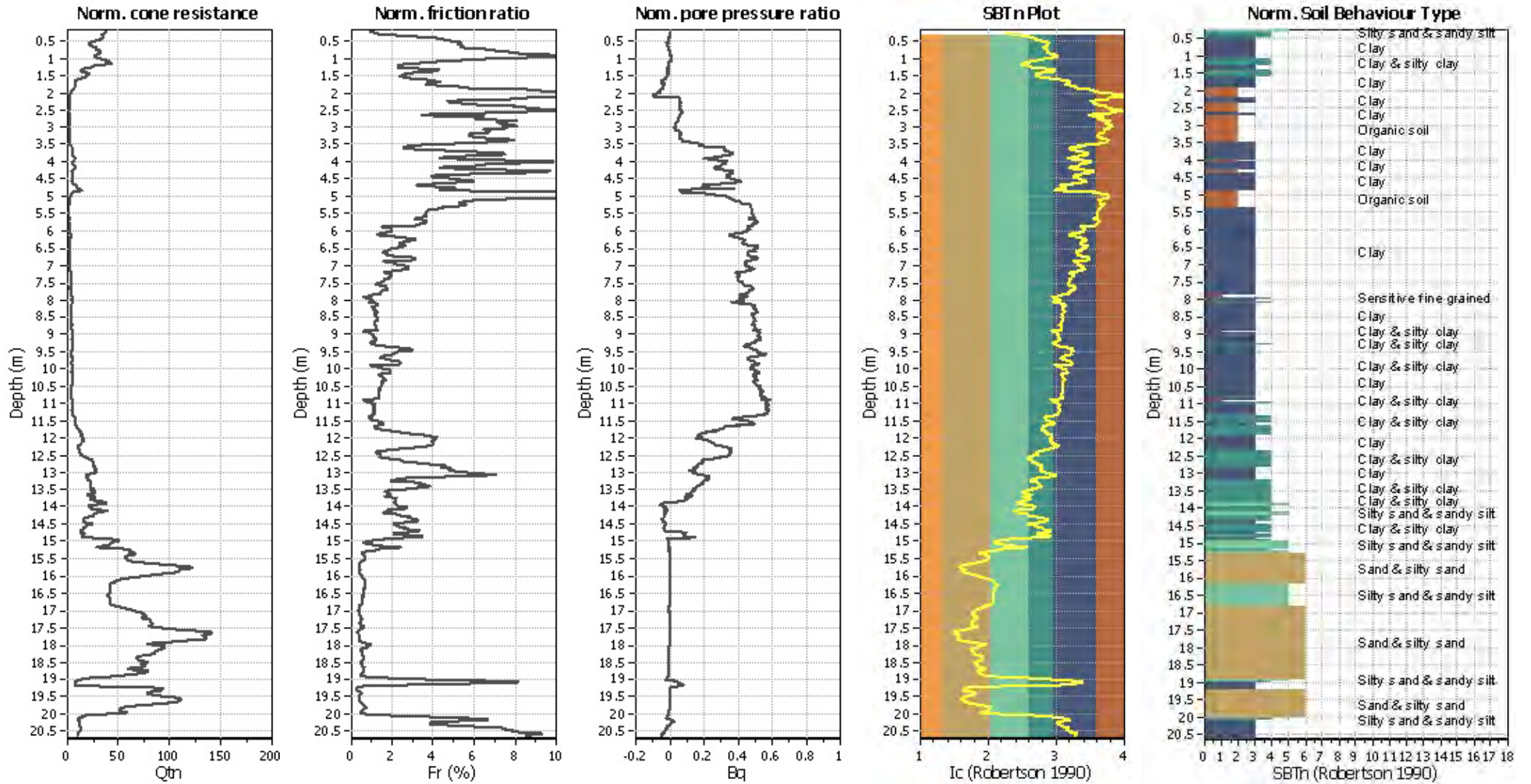
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



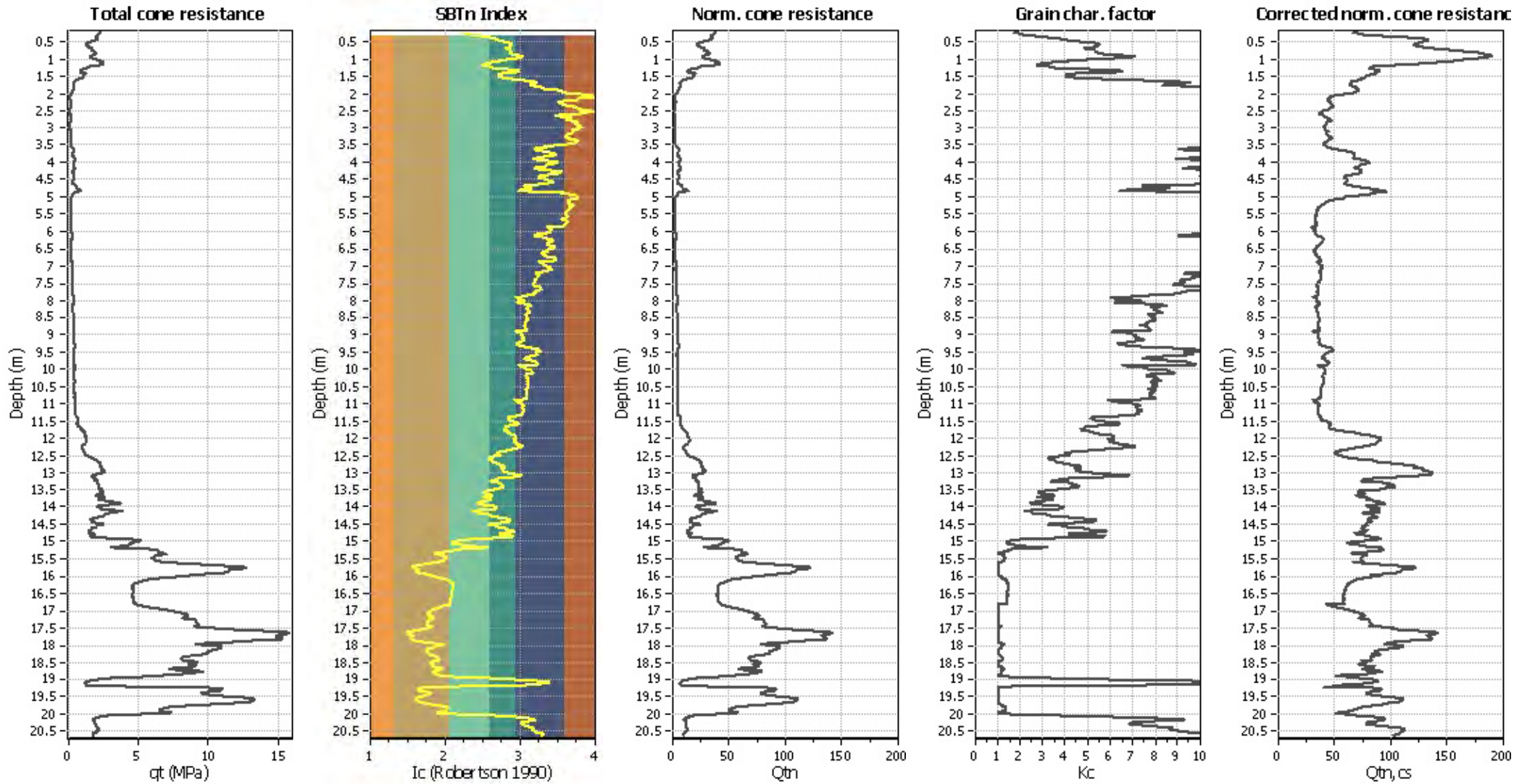
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

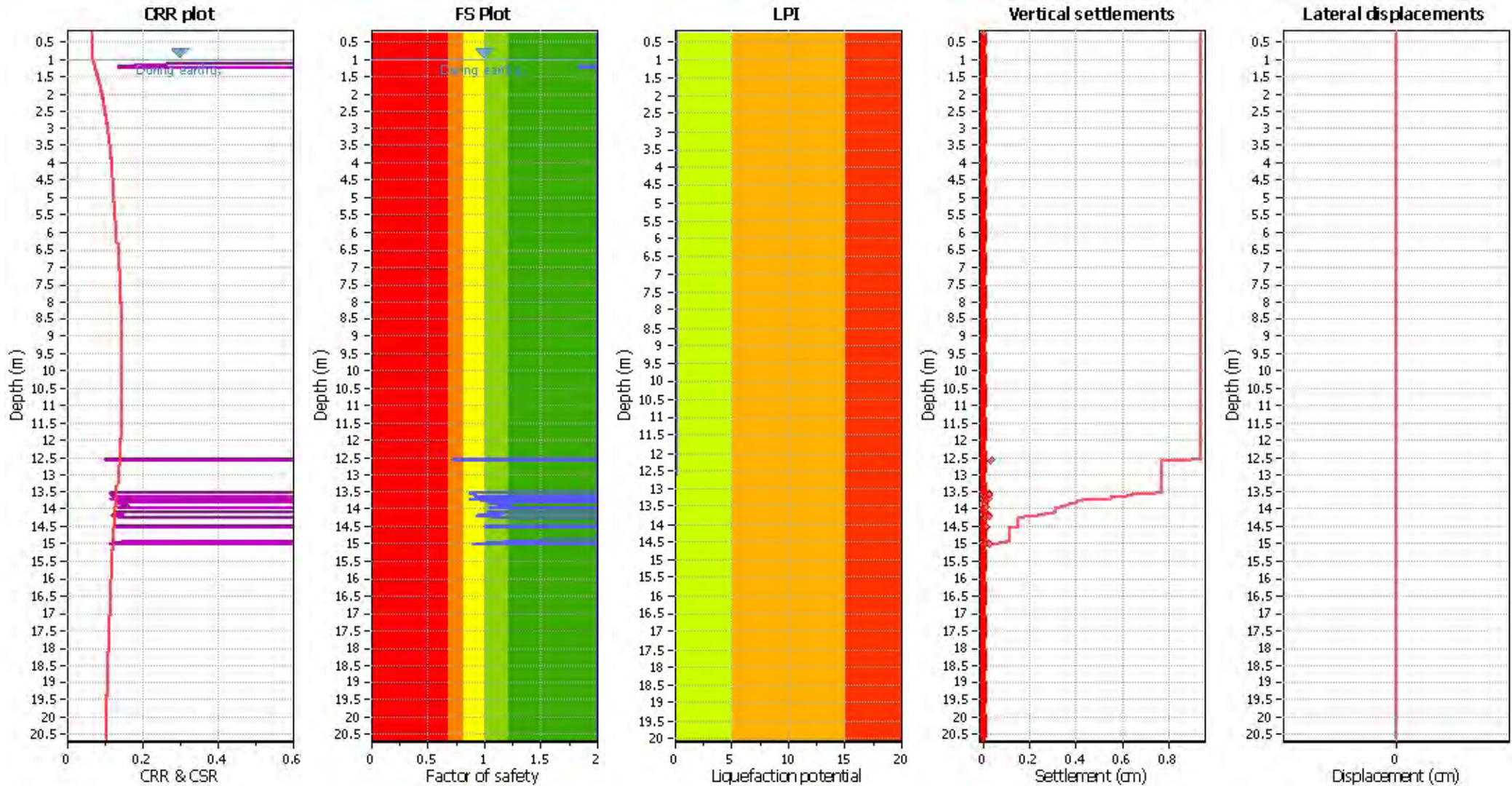
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

**F.S. color scheme**

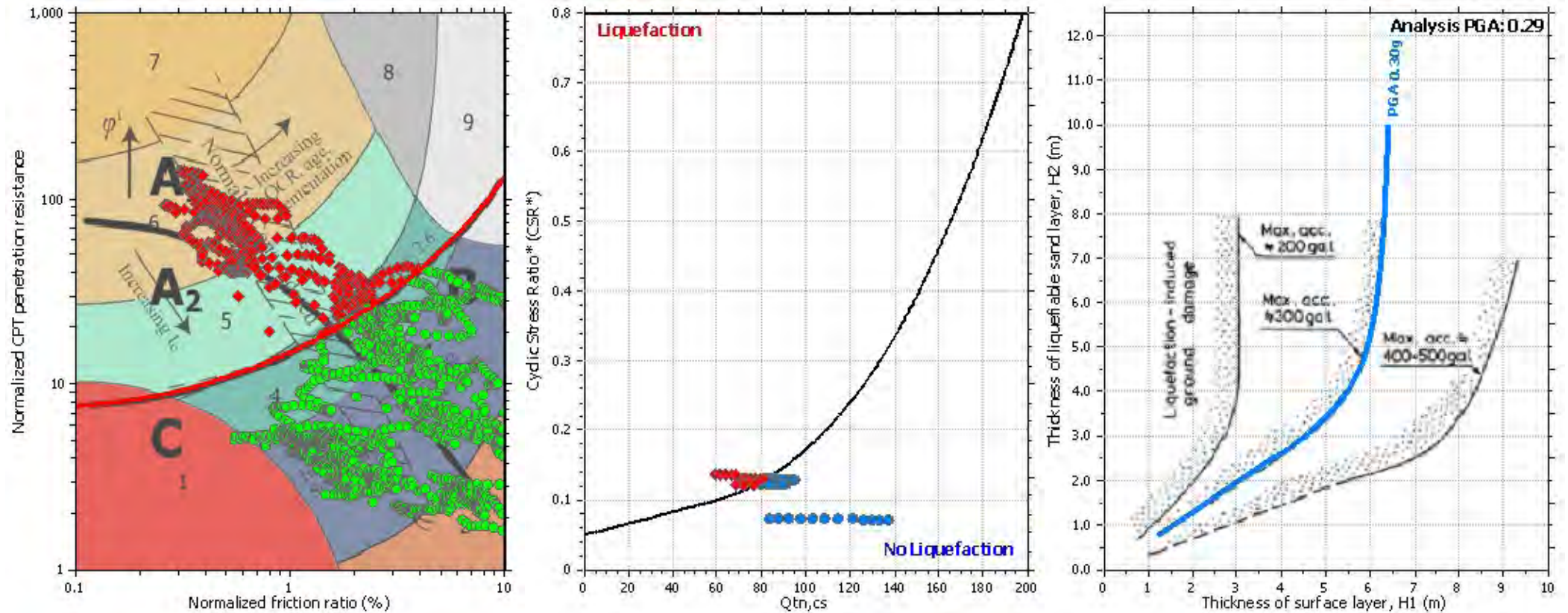
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

**LPI color scheme**

- Very high risk
- High risk
- Low risk



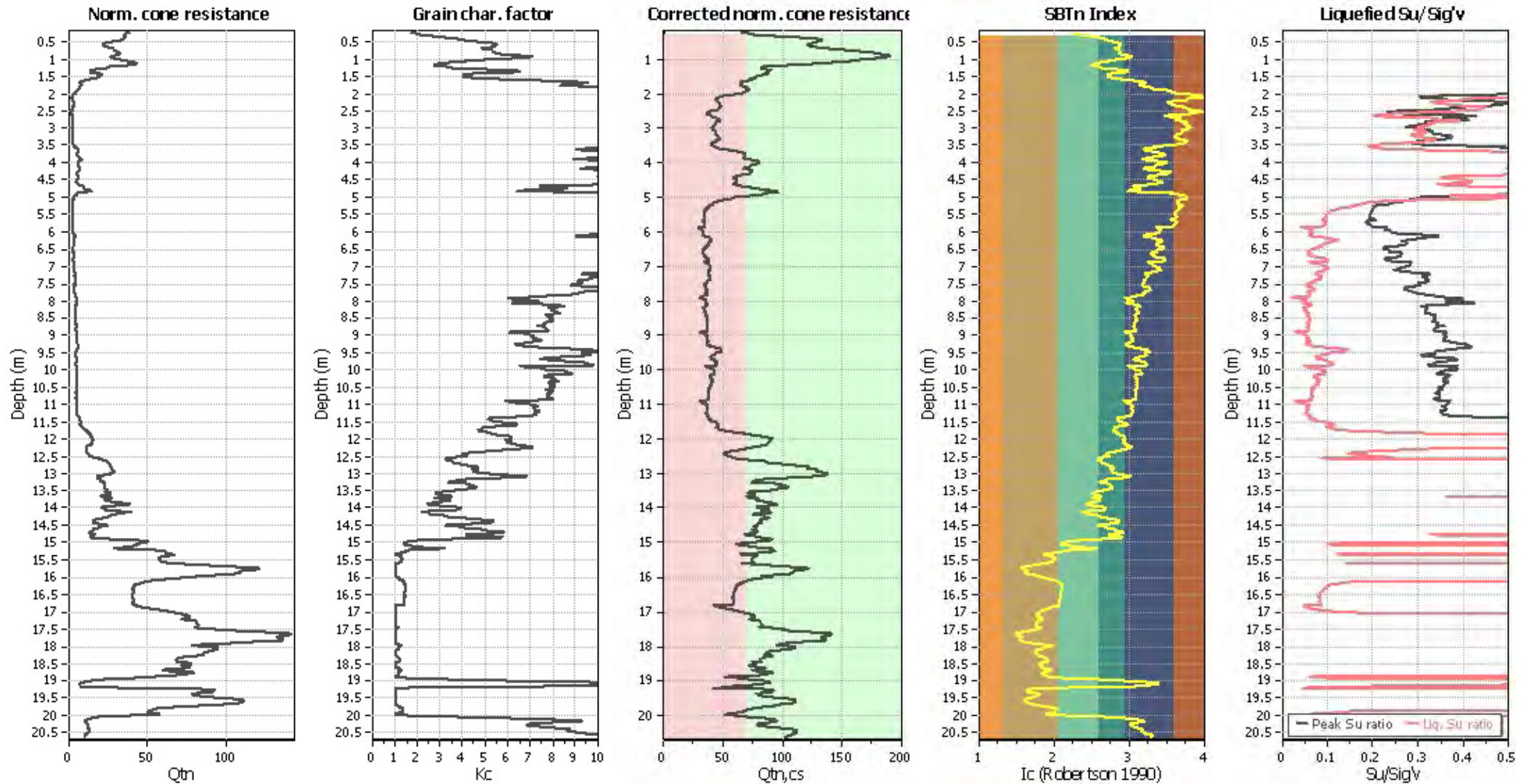
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	2.00	0.00	9.39	0.01	0.00	1.22	1.94	0.00	9.39	0.01	0.00
1.23	1.84	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	0.72	0.28	3.72	0.01	0.01
12.57	0.74	0.26	3.71	0.01	0.01	12.58	0.76	0.24	3.71	0.01	0.01
12.59	0.78	0.22	3.71	0.01	0.01	12.60	0.80	0.20	3.70	0.01	0.01
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	0.94	0.06	3.23	0.01	0.00	13.54	0.88	0.12	3.23	0.01	0.00
13.55	0.87	0.13	3.23	0.01	0.00	13.56	0.87	0.13	3.22	0.01	0.00
13.57	0.89	0.11	3.21	0.01	0.00	13.58	0.91	0.09	3.21	0.01	0.00
13.59	0.94	0.06	3.21	0.01	0.00	13.60	0.94	0.06	3.20	0.01	0.00
13.61	0.92	0.08	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	0.87	0.13	3.17	0.01	0.00	13.68	0.88	0.12	3.16	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	0.90	0.10	3.15	0.01	0.00	13.70	0.92	0.08	3.15	0.01	0.00
13.71	0.95	0.05	3.15	0.01	0.00	13.72	0.97	0.03	3.14	0.01	0.00
13.73	0.99	0.01	3.13	0.01	0.00	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	1.02	0.00	3.10	0.01	0.00	13.80	1.05	0.00	3.10	0.01	0.00
13.81	1.08	0.00	3.10	0.01	0.00	13.82	1.12	0.00	3.09	0.01	0.00
13.83	1.14	0.00	3.08	0.01	0.00	13.84	1.15	0.00	3.08	0.01	0.00
13.85	1.17	0.00	3.08	0.01	0.00	13.86	1.20	0.00	3.07	0.01	0.00
13.87	1.22	0.00	3.06	0.01	0.00	13.88	1.23	0.00	3.06	0.01	0.00
13.89	1.24	0.00	3.06	0.01	0.00	13.90	1.23	0.00	3.05	0.01	0.00
13.91	1.20	0.00	3.04	0.01	0.00	13.92	1.14	0.00	3.04	0.01	0.00
13.93	1.08	0.00	3.04	0.01	0.00	13.94	1.04	0.00	3.03	0.01	0.00
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	1.03	0.00	2.96	0.01	0.00	14.08	1.04	0.00	2.96	0.01	0.00
14.09	1.06	0.00	2.96	0.01	0.00	14.10	1.09	0.00	2.95	0.01	0.00
14.11	1.12	0.00	2.94	0.01	0.00	14.12	1.15	0.00	2.94	0.01	0.00
14.13	1.16	0.00	2.94	0.01	0.00	14.14	1.15	0.00	2.93	0.01	0.00
14.15	1.08	0.00	2.92	0.01	0.00	14.16	1.00	0.00	2.92	0.01	0.00
14.17	0.95	0.05	2.92	0.01	0.00	14.18	0.94	0.06	2.91	0.01	0.00
14.19	0.98	0.02	2.90	0.01	0.00	14.20	1.03	0.00	2.90	0.01	0.00
14.21	1.07	0.00	2.90	0.01	0.00	14.22	1.07	0.00	2.89	0.01	0.00
14.23	1.07	0.00	2.88	0.01	0.00	14.24	1.06	0.00	2.88	0.01	0.00
14.25	2.00	0.00	2.88	0.01	0.00	14.26	2.00	0.00	2.87	0.01	0.00
14.27	2.00	0.00	2.87	0.01	0.00	14.28	2.00	0.00	2.86	0.01	0.00
14.29	2.00	0.00	2.85	0.01	0.00	14.30	2.00	0.00	2.85	0.01	0.00
14.31	2.00	0.00	2.85	0.01	0.00	14.32	2.00	0.00	2.84	0.01	0.00
14.33	2.00	0.00	2.83	0.01	0.00	14.34	2.00	0.00	2.83	0.01	0.00
14.35	2.00	0.00	2.83	0.01	0.00	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	1.00	0.00	2.75	0.01	0.00
14.51	1.01	0.00	2.75	0.01	0.00	14.52	1.01	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	1.20	0.00	2.56	0.01	0.00	14.90	1.23	0.00	2.55	0.01	0.00
14.91	1.22	0.00	2.54	0.01	0.00	14.92	1.19	0.00	2.54	0.01	0.00
14.93	1.16	0.00	2.54	0.01	0.00	14.94	1.13	0.00	2.53	0.01	0.00
14.95	1.11	0.00	2.52	0.01	0.00	14.96	1.09	0.00	2.52	0.01	0.00
14.97	1.04	0.00	2.52	0.01	0.00	14.98	0.99	0.01	2.51	0.01	0.00
14.99	0.94	0.06	2.50	0.01	0.00	15.00	0.90	0.10	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00
20.13	2.00	0.00	0.00	0.00	0.00	20.14	2.00	0.00	0.00	0.00	0.00
20.15	2.00	0.00	0.00	0.00	0.00	20.16	2.00	0.00	0.00	0.00	0.00
20.17	2.00	0.00	0.00	0.00	0.00	20.18	2.00	0.00	0.00	0.00	0.00
20.19	2.00	0.00	0.00	0.00	0.00	20.20	2.00	0.00	0.00	0.00	0.00
20.21	2.00	0.00	0.00	0.00	0.00	20.22	2.00	0.00	0.00	0.00	0.00
20.23	2.00	0.00	0.00	0.00	0.00	20.24	2.00	0.00	0.00	0.00	0.00
20.25	2.00	0.00	0.00	0.00	0.00	20.26	2.00	0.00	0.00	0.00	0.00
20.27	2.00	0.00	0.00	0.00	0.00	20.28	2.00	0.00	0.00	0.00	0.00
20.29	2.00	0.00	0.00	0.00	0.00	20.30	2.00	0.00	0.00	0.00	0.00
20.31	2.00	0.00	0.00	0.00	0.00	20.32	2.00	0.00	0.00	0.00	0.00
20.33	2.00	0.00	0.00	0.00	0.00	20.34	2.00	0.00	0.00	0.00	0.00
20.35	2.00	0.00	0.00	0.00	0.00	20.36	2.00	0.00	0.00	0.00	0.00
20.37	2.00	0.00	0.00	0.00	0.00	20.38	2.00	0.00	0.00	0.00	0.00
20.39	2.00	0.00	0.00	0.00	0.00	20.40	2.00	0.00	0.00	0.00	0.00

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

Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
20.41	2.00	0.00	0.00	0.00	0.00	20.42	2.00	0.00	0.00	0.00	0.00
20.43	2.00	0.00	0.00	0.00	0.00	20.44	2.00	0.00	0.00	0.00	0.00
20.45	2.00	0.00	0.00	0.00	0.00	20.46	2.00	0.00	0.00	0.00	0.00
20.47	2.00	0.00	0.00	0.00	0.00	20.48	2.00	0.00	0.00	0.00	0.00
20.49	2.00	0.00	0.00	0.00	0.00	20.50	2.00	0.00	0.00	0.00	0.00
20.51	2.00	0.00	0.00	0.00	0.00	20.52	2.00	0.00	0.00	0.00	0.00
20.53	2.00	0.00	0.00	0.00	0.00	20.54	2.00	0.00	0.00	0.00	0.00
20.55	2.00	0.00	0.00	0.00	0.00	20.56	2.00	0.00	0.00	0.00	0.00
20.57	2.00	0.00	0.00	0.00	0.00	20.58	2.00	0.00	0.00	0.00	0.00
20.59	2.00	0.00	0.00	0.00	0.00	20.60	2.00	0.00	0.00	0.00	0.00
20.61	2.00	0.00	0.00	0.00	0.00	20.62	2.00	0.00	0.00	0.00	0.00

**Overall liquefaction potential: 0.10**

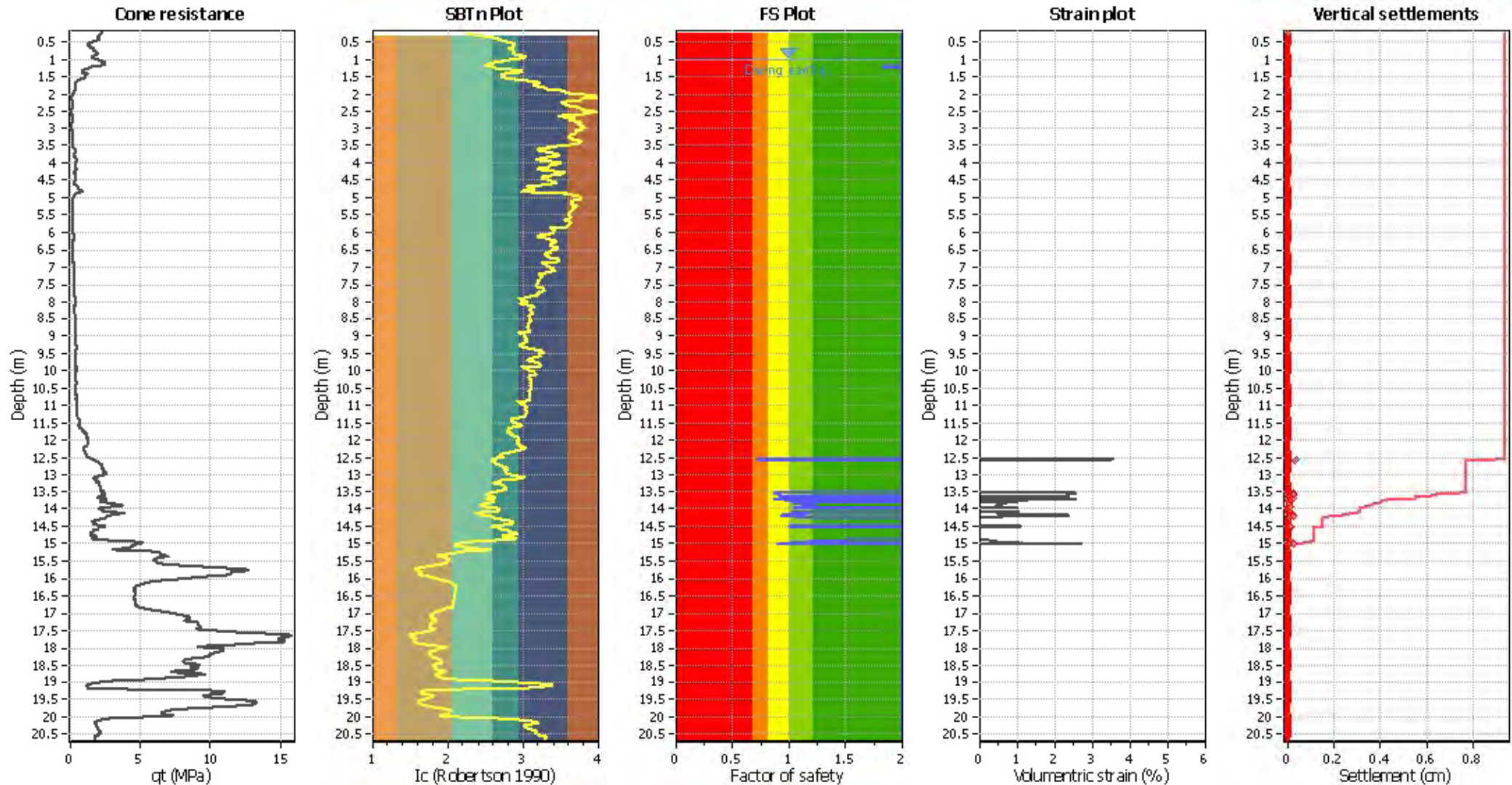
LPI = 0.00 - Liquefaction risk very low  
LPI between 0.00 and 5.00 - Liquefaction risk low  
LPI between 5.00 and 15.00 - Liquefaction risk high  
LPI > 15.00 - Liquefaction risk very high

**Abbreviations**

FS: Calculated factor of safety for test point  
F<sub>L</sub>: 1 - FS  
w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
d<sub>z</sub>: Layer thickness (m)  
LPI: Liquefaction potential index value for test point



### Estimation of post-earthquake settlements



**Abbreviations**

- $q_c$ : 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

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	172.27	2.00	0.00	1.00	0.00	1.01	169.02	2.00	0.00	1.00	0.00
1.02	165.53	2.00	0.00	1.00	0.00	1.03	162.29	2.00	0.00	1.00	0.00
1.04	159.82	2.00	0.00	1.00	0.00	1.05	158.32	2.00	0.00	1.00	0.00
1.06	157.01	2.00	0.00	1.00	0.00	1.07	155.36	2.00	0.00	1.00	0.00
1.08	152.64	2.00	0.00	1.00	0.00	1.09	149.46	2.00	0.00	1.00	0.00
1.10	145.22	2.00	0.00	1.00	0.00	1.11	141.32	2.00	0.00	1.00	0.00
1.12	137.31	2.00	0.00	1.00	0.00	1.13	133.80	2.00	0.00	1.00	0.00
1.14	130.49	2.00	0.00	1.00	0.00	1.15	126.10	2.00	0.00	1.00	0.00
1.16	121.36	2.00	0.00	1.00	0.00	1.17	114.74	2.00	0.00	1.00	0.00
1.18	109.02	2.00	0.00	1.00	0.00	1.19	103.27	2.00	0.00	1.00	0.00
1.20	97.96	2.00	0.00	1.00	0.00	1.21	92.66	2.00	0.00	1.00	0.00
1.22	87.61	1.94	0.00	1.00	0.00	1.23	84.14	1.84	0.00	1.00	0.00
1.24	81.88	2.00	0.00	1.00	0.00	1.25	81.21	2.00	0.00	1.00	0.00
1.26	82.23	2.00	0.00	1.00	0.00	1.27	84.24	2.00	0.00	1.00	0.00
1.28	86.11	2.00	0.00	1.00	0.00	1.29	87.73	2.00	0.00	1.00	0.00
1.30	88.91	2.00	0.00	1.00	0.00	1.31	89.85	2.00	0.00	1.00	0.00
1.32	90.25	2.00	0.00	1.00	0.00	1.33	89.52	2.00	0.00	1.00	0.00
1.34	88.64	2.00	0.00	1.00	0.00	1.35	87.56	2.00	0.00	1.00	0.00
1.36	87.12	2.00	0.00	1.00	0.00	1.37	86.41	2.00	0.00	1.00	0.00
1.38	85.81	2.00	0.00	1.00	0.00	1.39	85.62	2.00	0.00	1.00	0.00
1.40	86.23	2.00	0.00	1.00	0.00	1.41	87.22	2.00	0.00	1.00	0.00
1.42	86.99	2.00	0.00	1.00	0.00	1.43	85.29	2.00	0.00	1.00	0.00
1.44	83.57	2.00	0.00	1.00	0.00	1.45	81.94	2.00	0.00	1.00	0.00
1.46	80.64	2.00	0.00	1.00	0.00	1.47	79.03	2.00	0.00	1.00	0.00
1.48	78.09	2.00	0.00	1.00	0.00	1.49	77.70	2.00	0.00	1.00	0.00
1.50	77.11	2.00	0.00	1.00	0.00	1.51	76.62	2.00	0.00	1.00	0.00
1.52	76.87	2.00	0.00	1.00	0.00	1.53	77.51	2.00	0.00	1.00	0.00
1.54	77.07	2.00	0.00	1.00	0.00	1.55	75.51	2.00	0.00	1.00	0.00
1.56	73.78	2.00	0.00	1.00	0.00	1.57	73.41	2.00	0.00	1.00	0.00
1.58	74.07	2.00	0.00	1.00	0.00	1.59	74.62	2.00	0.00	1.00	0.00
1.60	73.83	2.00	0.00	1.00	0.00	1.61	72.10	2.00	0.00	1.00	0.00
1.62	69.80	2.00	0.00	1.00	0.00	1.63	68.09	2.00	0.00	1.00	0.00
1.64	66.67	2.00	0.00	1.00	0.00	1.65	66.02	2.00	0.00	1.00	0.00
1.66	65.86	2.00	0.00	1.00	0.00	1.67	65.78	2.00	0.00	1.00	0.00
1.68	65.50	2.00	0.00	1.00	0.00	1.69	65.22	2.00	0.00	1.00	0.00
1.70	64.78	2.00	0.00	1.00	0.00	1.71	64.62	2.00	0.00	1.00	0.00
1.72	64.51	2.00	0.00	1.00	0.00	1.73	64.81	2.00	0.00	1.00	0.00
1.74	64.78	2.00	0.00	1.00	0.00	1.75	64.61	2.00	0.00	1.00	0.00
1.76	64.54	2.00	0.00	1.00	0.00	1.77	65.10	2.00	0.00	1.00	0.00
1.78	65.95	2.00	0.00	1.00	0.00	1.79	67.06	2.00	0.00	1.00	0.00
1.80	67.94	2.00	0.00	1.00	0.00	1.81	68.57	2.00	0.00	1.00	0.00
1.82	69.10	2.00	0.00	1.00	0.00	1.83	69.69	2.00	0.00	1.00	0.00
1.84	70.35	2.00	0.00	1.00	0.00	1.85	70.66	2.00	0.00	1.00	0.00
1.86	70.74	2.00	0.00	1.00	0.00	1.87	71.18	2.00	0.00	1.00	0.00
1.88	71.64	2.00	0.00	1.00	0.00	1.89	71.77	2.00	0.00	1.00	0.00
1.90	71.57	2.00	0.00	1.00	0.00	1.91	71.14	2.00	0.00	1.00	0.00
1.92	70.80	2.00	0.00	1.00	0.00	1.93	70.46	2.00	0.00	1.00	0.00
1.94	70.06	2.00	0.00	1.00	0.00	1.95	69.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	68.65	2.00	0.00	1.00	0.00	1.97	67.79	2.00	0.00	1.00	0.00
1.98	67.07	2.00	0.00	1.00	0.00	1.99	66.48	2.00	0.00	1.00	0.00
2.00	65.47	2.00	0.00	1.00	0.00	2.01	63.90	2.00	0.00	1.00	0.00
2.02	61.97	2.00	0.00	1.00	0.00	2.03	59.16	2.00	0.00	1.00	0.00
2.04	56.01	2.00	0.00	1.00	0.00	2.05	52.99	2.00	0.00	1.00	0.00
2.06	51.42	2.00	0.00	1.00	0.00	2.07	50.38	2.00	0.00	1.00	0.00
2.08	49.31	2.00	0.00	1.00	0.00	2.09	47.73	2.00	0.00	1.00	0.00
2.10	46.58	2.00	0.00	1.00	0.00	2.11	46.02	2.00	0.00	1.00	0.00
2.12	45.79	2.00	0.00	1.00	0.00	2.13	45.68	2.00	0.00	1.00	0.00
2.14	45.43	2.00	0.00	1.00	0.00	2.15	45.03	2.00	0.00	1.00	0.00
2.16	44.43	2.00	0.00	1.00	0.00	2.17	43.85	2.00	0.00	1.00	0.00
2.18	43.92	2.00	0.00	1.00	0.00	2.19	44.05	2.00	0.00	1.00	0.00
2.20	44.70	2.00	0.00	1.00	0.00	2.21	45.35	2.00	0.00	1.00	0.00
2.22	45.80	2.00	0.00	1.00	0.00	2.23	46.09	2.00	0.00	1.00	0.00
2.24	46.09	2.00	0.00	1.00	0.00	2.25	46.09	2.00	0.00	1.00	0.00
2.26	46.02	2.00	0.00	1.00	0.00	2.27	46.18	2.00	0.00	1.00	0.00
2.28	46.64	2.00	0.00	1.00	0.00	2.29	47.11	2.00	0.00	1.00	0.00
2.30	47.44	2.00	0.00	1.00	0.00	2.31	47.64	2.00	0.00	1.00	0.00
2.32	47.75	2.00	0.00	1.00	0.00	2.33	48.04	2.00	0.00	1.00	0.00
2.34	48.17	2.00	0.00	1.00	0.00	2.35	48.22	2.00	0.00	1.00	0.00
2.36	48.14	2.00	0.00	1.00	0.00	2.37	48.11	2.00	0.00	1.00	0.00
2.38	48.14	2.00	0.00	1.00	0.00	2.39	48.07	2.00	0.00	1.00	0.00
2.40	47.69	2.00	0.00	1.00	0.00	2.41	47.29	2.00	0.00	1.00	0.00
2.42	46.61	2.00	0.00	1.00	0.00	2.43	46.27	2.00	0.00	1.00	0.00
2.44	45.85	2.00	0.00	1.00	0.00	2.45	45.74	2.00	0.00	1.00	0.00
2.46	45.22	2.00	0.00	1.00	0.00	2.47	44.68	2.00	0.00	1.00	0.00
2.48	43.09	2.00	0.00	1.00	0.00	2.49	41.25	2.00	0.00	1.00	0.00
2.50	39.24	2.00	0.00	1.00	0.00	2.51	38.13	2.00	0.00	1.00	0.00
2.52	38.06	2.00	0.00	1.00	0.00	2.53	37.94	2.00	0.00	1.00	0.00
2.54	37.93	2.00	0.00	1.00	0.00	2.55	37.34	2.00	0.00	1.00	0.00
2.56	36.80	2.00	0.00	1.00	0.00	2.57	36.32	2.00	0.00	1.00	0.00
2.58	36.49	2.00	0.00	1.00	0.00	2.59	36.75	2.00	0.00	1.00	0.00
2.60	37.94	2.00	0.00	1.00	0.00	2.61	38.76	2.00	0.00	1.00	0.00
2.62	39.58	2.00	0.00	1.00	0.00	2.63	39.69	2.00	0.00	1.00	0.00
2.64	39.87	2.00	0.00	1.00	0.00	2.65	40.16	2.00	0.00	1.00	0.00
2.66	40.61	2.00	0.00	1.00	0.00	2.67	41.17	2.00	0.00	1.00	0.00
2.68	41.81	2.00	0.00	1.00	0.00	2.69	42.47	2.00	0.00	1.00	0.00
2.70	43.50	2.00	0.00	1.00	0.00	2.71	44.61	2.00	0.00	1.00	0.00
2.72	45.73	2.00	0.00	1.00	0.00	2.73	46.08	2.00	0.00	1.00	0.00
2.74	46.34	2.00	0.00	1.00	0.00	2.75	46.47	2.00	0.00	1.00	0.00
2.76	46.94	2.00	0.00	1.00	0.00	2.77	47.36	2.00	0.00	1.00	0.00
2.78	47.57	2.00	0.00	1.00	0.00	2.79	47.65	2.00	0.00	1.00	0.00
2.80	46.84	2.00	0.00	1.00	0.00	2.81	45.54	2.00	0.00	1.00	0.00
2.82	43.99	2.00	0.00	1.00	0.00	2.83	43.40	2.00	0.00	1.00	0.00
2.84	43.34	2.00	0.00	1.00	0.00	2.85	43.52	2.00	0.00	1.00	0.00
2.86	43.57	2.00	0.00	1.00	0.00	2.87	43.65	2.00	0.00	1.00	0.00
2.88	43.23	2.00	0.00	1.00	0.00	2.89	42.84	2.00	0.00	1.00	0.00
2.90	42.44	2.00	0.00	1.00	0.00	2.91	42.39	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	42.32	2.00	0.00	1.00	0.00	2.93	42.24	2.00	0.00	1.00	0.00
2.94	41.80	2.00	0.00	1.00	0.00	2.95	41.32	2.00	0.00	1.00	0.00
2.96	40.75	2.00	0.00	1.00	0.00	2.97	40.64	2.00	0.00	1.00	0.00
2.98	40.92	2.00	0.00	1.00	0.00	2.99	41.29	2.00	0.00	1.00	0.00
3.00	41.74	2.00	0.00	1.00	0.00	3.01	41.83	2.00	0.00	1.00	0.00
3.02	41.91	2.00	0.00	1.00	0.00	3.03	41.92	2.00	0.00	1.00	0.00
3.04	41.81	2.00	0.00	1.00	0.00	3.05	41.96	2.00	0.00	1.00	0.00
3.06	42.41	2.00	0.00	1.00	0.00	3.07	43.03	2.00	0.00	1.00	0.00
3.08	43.18	2.00	0.00	1.00	0.00	3.09	43.50	2.00	0.00	1.00	0.00
3.10	43.74	2.00	0.00	1.00	0.00	3.11	44.24	2.00	0.00	1.00	0.00
3.12	44.21	2.00	0.00	1.00	0.00	3.13	44.01	2.00	0.00	1.00	0.00
3.14	43.99	2.00	0.00	1.00	0.00	3.15	43.92	2.00	0.00	1.00	0.00
3.16	43.97	2.00	0.00	1.00	0.00	3.17	43.93	2.00	0.00	1.00	0.00
3.18	44.37	2.00	0.00	1.00	0.00	3.19	44.89	2.00	0.00	1.00	0.00
3.20	45.30	2.00	0.00	1.00	0.00	3.21	45.32	2.00	0.00	1.00	0.00
3.22	45.27	2.00	0.00	1.00	0.00	3.23	45.22	2.00	0.00	1.00	0.00
3.24	45.26	2.00	0.00	1.00	0.00	3.25	45.74	2.00	0.00	1.00	0.00
3.26	46.14	2.00	0.00	1.00	0.00	3.27	46.55	2.00	0.00	1.00	0.00
3.28	46.68	2.00	0.00	1.00	0.00	3.29	46.90	2.00	0.00	1.00	0.00
3.30	46.99	2.00	0.00	1.00	0.00	3.31	46.66	2.00	0.00	1.00	0.00
3.32	46.16	2.00	0.00	1.00	0.00	3.33	45.63	2.00	0.00	1.00	0.00
3.34	44.98	2.00	0.00	1.00	0.00	3.35	44.50	2.00	0.00	1.00	0.00
3.36	44.27	2.00	0.00	1.00	0.00	3.37	44.03	2.00	0.00	1.00	0.00
3.38	43.82	2.00	0.00	1.00	0.00	3.39	43.25	2.00	0.00	1.00	0.00
3.40	42.93	2.00	0.00	1.00	0.00	3.41	42.51	2.00	0.00	1.00	0.00
3.42	42.05	2.00	0.00	1.00	0.00	3.43	41.55	2.00	0.00	1.00	0.00
3.44	40.98	2.00	0.00	1.00	0.00	3.45	40.71	2.00	0.00	1.00	0.00
3.46	40.44	2.00	0.00	1.00	0.00	3.47	40.19	2.00	0.00	1.00	0.00
3.48	40.04	2.00	0.00	1.00	0.00	3.49	40.44	2.00	0.00	1.00	0.00
3.50	41.26	2.00	0.00	1.00	0.00	3.51	42.20	2.00	0.00	1.00	0.00
3.52	42.78	2.00	0.00	1.00	0.00	3.53	43.17	2.00	0.00	1.00	0.00
3.54	43.43	2.00	0.00	1.00	0.00	3.55	43.95	2.00	0.00	1.00	0.00
3.56	44.87	2.00	0.00	1.00	0.00	3.57	45.81	2.00	0.00	1.00	0.00
3.58	46.61	2.00	0.00	1.00	0.00	3.59	47.30	2.00	0.00	1.00	0.00
3.60	48.50	2.00	0.00	1.00	0.00	3.61	49.89	2.00	0.00	1.00	0.00
3.62	51.39	2.00	0.00	1.00	0.00	3.63	53.13	2.00	0.00	1.00	0.00
3.64	54.92	2.00	0.00	1.00	0.00	3.65	56.87	2.00	0.00	1.00	0.00
3.66	58.85	2.00	0.00	1.00	0.00	3.67	60.70	2.00	0.00	1.00	0.00
3.68	62.11	2.00	0.00	1.00	0.00	3.69	63.05	2.00	0.00	1.00	0.00
3.70	64.31	2.00	0.00	1.00	0.00	3.71	65.75	2.00	0.00	1.00	0.00
3.72	66.80	2.00	0.00	1.00	0.00	3.73	67.28	2.00	0.00	1.00	0.00
3.74	67.57	2.00	0.00	1.00	0.00	3.75	67.94	2.00	0.00	1.00	0.00
3.76	68.22	2.00	0.00	1.00	0.00	3.77	68.32	2.00	0.00	1.00	0.00
3.78	68.46	2.00	0.00	1.00	0.00	3.79	68.54	2.00	0.00	1.00	0.00
3.80	68.54	2.00	0.00	1.00	0.00	3.81	68.39	2.00	0.00	1.00	0.00
3.82	68.26	2.00	0.00	1.00	0.00	3.83	68.17	2.00	0.00	1.00	0.00
3.84	68.05	2.00	0.00	1.00	0.00	3.85	67.68	2.00	0.00	1.00	0.00
3.86	67.35	2.00	0.00	1.00	0.00	3.87	67.13	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
3.88	67.54	2.00	0.00	1.00	0.00	3.89	68.36	2.00	0.00	1.00	0.00
3.90	70.15	2.00	0.00	1.00	0.00	3.91	72.05	2.00	0.00	1.00	0.00
3.92	73.66	2.00	0.00	1.00	0.00	3.93	75.14	2.00	0.00	1.00	0.00
3.94	76.38	2.00	0.00	1.00	0.00	3.95	77.86	2.00	0.00	1.00	0.00
3.96	78.75	2.00	0.00	1.00	0.00	3.97	79.48	2.00	0.00	1.00	0.00
3.98	79.86	2.00	0.00	1.00	0.00	3.99	80.13	2.00	0.00	1.00	0.00
4.00	80.64	2.00	0.00	1.00	0.00	4.01	81.02	2.00	0.00	1.00	0.00
4.02	81.03	2.00	0.00	1.00	0.00	4.03	80.61	2.00	0.00	1.00	0.00
4.04	79.12	2.00	0.00	1.00	0.00	4.05	77.62	2.00	0.00	1.00	0.00
4.06	75.87	2.00	0.00	1.00	0.00	4.07	74.72	2.00	0.00	1.00	0.00
4.08	73.64	2.00	0.00	1.00	0.00	4.09	72.61	2.00	0.00	1.00	0.00
4.10	71.81	2.00	0.00	1.00	0.00	4.11	70.89	2.00	0.00	1.00	0.00
4.12	69.72	2.00	0.00	1.00	0.00	4.13	68.65	2.00	0.00	1.00	0.00
4.14	67.65	2.00	0.00	1.00	0.00	4.15	67.65	2.00	0.00	1.00	0.00
4.16	68.47	2.00	0.00	1.00	0.00	4.17	69.84	2.00	0.00	1.00	0.00
4.18	71.63	2.00	0.00	1.00	0.00	4.19	73.12	2.00	0.00	1.00	0.00
4.20	74.27	2.00	0.00	1.00	0.00	4.21	74.64	2.00	0.00	1.00	0.00
4.22	74.69	2.00	0.00	1.00	0.00	4.23	74.42	2.00	0.00	1.00	0.00
4.24	74.08	2.00	0.00	1.00	0.00	4.25	73.81	2.00	0.00	1.00	0.00
4.26	73.58	2.00	0.00	1.00	0.00	4.27	73.78	2.00	0.00	1.00	0.00
4.28	73.66	2.00	0.00	1.00	0.00	4.29	73.41	2.00	0.00	1.00	0.00
4.30	72.69	2.00	0.00	1.00	0.00	4.31	71.62	2.00	0.00	1.00	0.00
4.32	70.26	2.00	0.00	1.00	0.00	4.33	68.62	2.00	0.00	1.00	0.00
4.34	66.81	2.00	0.00	1.00	0.00	4.35	65.08	2.00	0.00	1.00	0.00
4.36	63.13	2.00	0.00	1.00	0.00	4.37	61.75	2.00	0.00	1.00	0.00
4.38	60.37	2.00	0.00	1.00	0.00	4.39	59.58	2.00	0.00	1.00	0.00
4.40	59.21	2.00	0.00	1.00	0.00	4.41	59.07	2.00	0.00	1.00	0.00
4.42	59.05	2.00	0.00	1.00	0.00	4.43	59.09	2.00	0.00	1.00	0.00
4.44	59.32	2.00	0.00	1.00	0.00	4.45	59.73	2.00	0.00	1.00	0.00
4.46	60.25	2.00	0.00	1.00	0.00	4.47	60.69	2.00	0.00	1.00	0.00
4.48	61.12	2.00	0.00	1.00	0.00	4.49	61.34	2.00	0.00	1.00	0.00
4.50	61.44	2.00	0.00	1.00	0.00	4.51	61.31	2.00	0.00	1.00	0.00
4.52	61.19	2.00	0.00	1.00	0.00	4.53	61.12	2.00	0.00	1.00	0.00
4.54	61.05	2.00	0.00	1.00	0.00	4.55	60.90	2.00	0.00	1.00	0.00
4.56	60.74	2.00	0.00	1.00	0.00	4.57	60.67	2.00	0.00	1.00	0.00
4.58	60.23	2.00	0.00	1.00	0.00	4.59	59.81	2.00	0.00	1.00	0.00
4.60	59.31	2.00	0.00	1.00	0.00	4.61	59.15	2.00	0.00	1.00	0.00
4.62	59.08	2.00	0.00	1.00	0.00	4.63	59.88	2.00	0.00	1.00	0.00
4.64	61.10	2.00	0.00	1.00	0.00	4.65	62.55	2.00	0.00	1.00	0.00
4.66	63.55	2.00	0.00	1.00	0.00	4.67	64.27	2.00	0.00	1.00	0.00
4.68	64.94	2.00	0.00	1.00	0.00	4.69	66.15	2.00	0.00	1.00	0.00
4.70	67.88	2.00	0.00	1.00	0.00	4.71	70.13	2.00	0.00	1.00	0.00
4.72	72.57	2.00	0.00	1.00	0.00	4.73	74.51	2.00	0.00	1.00	0.00
4.74	76.27	2.00	0.00	1.00	0.00	4.75	78.13	2.00	0.00	1.00	0.00
4.76	81.00	2.00	0.00	1.00	0.00	4.77	83.29	2.00	0.00	1.00	0.00
4.78	84.90	2.00	0.00	1.00	0.00	4.79	85.98	2.00	0.00	1.00	0.00
4.80	88.43	2.00	0.00	1.00	0.00	4.81	90.83	2.00	0.00	1.00	0.00
4.82	92.82	2.00	0.00	1.00	0.00	4.83	94.32	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	95.15	2.00	0.00	1.00	0.00	4.85	95.99	2.00	0.00	1.00	0.00
4.86	93.59	2.00	0.00	1.00	0.00	4.87	89.95	2.00	0.00	1.00	0.00
4.88	85.17	2.00	0.00	1.00	0.00	4.89	85.84	2.00	0.00	1.00	0.00
4.90	86.07	2.00	0.00	1.00	0.00	4.91	85.82	2.00	0.00	1.00	0.00
4.92	84.24	2.00	0.00	1.00	0.00	4.93	82.50	2.00	0.00	1.00	0.00
4.94	80.69	2.00	0.00	1.00	0.00	4.95	77.95	2.00	0.00	1.00	0.00
4.96	74.78	2.00	0.00	1.00	0.00	4.97	71.53	2.00	0.00	1.00	0.00
4.98	68.57	2.00	0.00	1.00	0.00	4.99	65.71	2.00	0.00	1.00	0.00
5.00	62.57	2.00	0.00	1.00	0.00	5.01	60.18	2.00	0.00	1.00	0.00
5.02	57.77	2.00	0.00	1.00	0.00	5.03	55.77	2.00	0.00	1.00	0.00
5.04	53.47	2.00	0.00	1.00	0.00	5.05	51.54	2.00	0.00	1.00	0.00
5.06	49.72	2.00	0.00	1.00	0.00	5.07	48.54	2.00	0.00	1.00	0.00
5.08	47.70	2.00	0.00	1.00	0.00	5.09	46.99	2.00	0.00	1.00	0.00
5.10	46.20	2.00	0.00	1.00	0.00	5.11	45.23	2.00	0.00	1.00	0.00
5.12	43.98	2.00	0.00	1.00	0.00	5.13	43.03	2.00	0.00	1.00	0.00
5.14	42.29	2.00	0.00	1.00	0.00	5.15	42.02	2.00	0.00	1.00	0.00
5.16	41.87	2.00	0.00	1.00	0.00	5.17	41.72	2.00	0.00	1.00	0.00
5.18	41.50	2.00	0.00	1.00	0.00	5.19	41.02	2.00	0.00	1.00	0.00
5.20	40.56	2.00	0.00	1.00	0.00	5.21	39.74	2.00	0.00	1.00	0.00
5.22	39.23	2.00	0.00	1.00	0.00	5.23	38.76	2.00	0.00	1.00	0.00
5.24	38.63	2.00	0.00	1.00	0.00	5.25	38.39	2.00	0.00	1.00	0.00
5.26	38.06	2.00	0.00	1.00	0.00	5.27	37.80	2.00	0.00	1.00	0.00
5.28	37.54	2.00	0.00	1.00	0.00	5.29	37.14	2.00	0.00	1.00	0.00
5.30	36.72	2.00	0.00	1.00	0.00	5.31	36.35	2.00	0.00	1.00	0.00
5.32	36.21	2.00	0.00	1.00	0.00	5.33	36.08	2.00	0.00	1.00	0.00
5.34	35.91	2.00	0.00	1.00	0.00	5.35	35.74	2.00	0.00	1.00	0.00
5.36	35.53	2.00	0.00	1.00	0.00	5.37	35.26	2.00	0.00	1.00	0.00
5.38	34.96	2.00	0.00	1.00	0.00	5.39	34.68	2.00	0.00	1.00	0.00
5.40	34.52	2.00	0.00	1.00	0.00	5.41	34.36	2.00	0.00	1.00	0.00
5.42	34.26	2.00	0.00	1.00	0.00	5.43	34.22	2.00	0.00	1.00	0.00
5.44	34.23	2.00	0.00	1.00	0.00	5.45	34.17	2.00	0.00	1.00	0.00
5.46	34.13	2.00	0.00	1.00	0.00	5.47	34.10	2.00	0.00	1.00	0.00
5.48	34.12	2.00	0.00	1.00	0.00	5.49	34.11	2.00	0.00	1.00	0.00
5.50	34.05	2.00	0.00	1.00	0.00	5.51	34.04	2.00	0.00	1.00	0.00
5.52	34.01	2.00	0.00	1.00	0.00	5.53	33.98	2.00	0.00	1.00	0.00
5.54	33.95	2.00	0.00	1.00	0.00	5.55	33.97	2.00	0.00	1.00	0.00
5.56	33.98	2.00	0.00	1.00	0.00	5.57	33.97	2.00	0.00	1.00	0.00
5.58	33.90	2.00	0.00	1.00	0.00	5.59	33.76	2.00	0.00	1.00	0.00
5.60	33.57	2.00	0.00	1.00	0.00	5.61	33.61	2.00	0.00	1.00	0.00
5.62	33.71	2.00	0.00	1.00	0.00	5.63	33.86	2.00	0.00	1.00	0.00
5.64	33.85	2.00	0.00	1.00	0.00	5.65	33.83	2.00	0.00	1.00	0.00
5.66	33.59	2.00	0.00	1.00	0.00	5.67	33.42	2.00	0.00	1.00	0.00
5.68	33.30	2.00	0.00	1.00	0.00	5.69	33.48	2.00	0.00	1.00	0.00
5.70	33.67	2.00	0.00	1.00	0.00	5.71	33.84	2.00	0.00	1.00	0.00
5.72	33.87	2.00	0.00	1.00	0.00	5.73	33.82	2.00	0.00	1.00	0.00
5.74	33.72	2.00	0.00	1.00	0.00	5.75	33.95	2.00	0.00	1.00	0.00
5.76	33.99	2.00	0.00	1.00	0.00	5.77	34.03	2.00	0.00	1.00	0.00
5.78	34.06	2.00	0.00	1.00	0.00	5.79	34.00	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	34.12	2.00	0.00	1.00	0.00	5.81	33.93	2.00	0.00	1.00	0.00
5.82	33.98	2.00	0.00	1.00	0.00	5.83	33.85	2.00	0.00	1.00	0.00
5.84	33.75	2.00	0.00	1.00	0.00	5.85	33.66	2.00	0.00	1.00	0.00
5.86	33.63	2.00	0.00	1.00	0.00	5.87	32.38	2.00	0.00	1.00	0.00
5.88	31.19	2.00	0.00	1.00	0.00	5.89	29.81	2.00	0.00	1.00	0.00
5.90	30.50	2.00	0.00	1.00	0.00	5.91	30.81	2.00	0.00	1.00	0.00
5.92	31.15	2.00	0.00	1.00	0.00	5.93	31.44	2.00	0.00	1.00	0.00
5.94	31.74	2.00	0.00	1.00	0.00	5.95	31.95	2.00	0.00	1.00	0.00
5.96	32.13	2.00	0.00	1.00	0.00	5.97	32.46	2.00	0.00	1.00	0.00
5.98	32.76	2.00	0.00	1.00	0.00	5.99	33.00	2.00	0.00	1.00	0.00
6.00	32.87	2.00	0.00	1.00	0.00	6.01	32.68	2.00	0.00	1.00	0.00
6.02	32.59	2.00	0.00	1.00	0.00	6.03	32.72	2.00	0.00	1.00	0.00
6.04	32.99	2.00	0.00	1.00	0.00	6.05	33.17	2.00	0.00	1.00	0.00
6.06	33.37	2.00	0.00	1.00	0.00	6.07	33.48	2.00	0.00	1.00	0.00
6.08	33.67	2.00	0.00	1.00	0.00	6.09	34.10	2.00	0.00	1.00	0.00
6.10	34.66	2.00	0.00	1.00	0.00	6.11	35.24	2.00	0.00	1.00	0.00
6.12	35.87	2.00	0.00	1.00	0.00	6.13	36.54	2.00	0.00	1.00	0.00
6.14	37.29	2.00	0.00	1.00	0.00	6.15	37.94	2.00	0.00	1.00	0.00
6.16	38.49	2.00	0.00	1.00	0.00	6.17	38.93	2.00	0.00	1.00	0.00
6.18	39.27	2.00	0.00	1.00	0.00	6.19	39.56	2.00	0.00	1.00	0.00
6.20	39.92	2.00	0.00	1.00	0.00	6.21	40.26	2.00	0.00	1.00	0.00
6.22	40.50	2.00	0.00	1.00	0.00	6.23	40.58	2.00	0.00	1.00	0.00
6.24	40.34	2.00	0.00	1.00	0.00	6.25	40.02	2.00	0.00	1.00	0.00
6.26	39.62	2.00	0.00	1.00	0.00	6.27	39.42	2.00	0.00	1.00	0.00
6.28	39.20	2.00	0.00	1.00	0.00	6.29	38.94	2.00	0.00	1.00	0.00
6.30	38.64	2.00	0.00	1.00	0.00	6.31	38.36	2.00	0.00	1.00	0.00
6.32	38.18	2.00	0.00	1.00	0.00	6.33	37.99	2.00	0.00	1.00	0.00
6.34	37.86	2.00	0.00	1.00	0.00	6.35	37.61	2.00	0.00	1.00	0.00
6.36	37.43	2.00	0.00	1.00	0.00	6.37	37.27	2.00	0.00	1.00	0.00
6.38	37.16	2.00	0.00	1.00	0.00	6.39	36.92	2.00	0.00	1.00	0.00
6.40	36.67	2.00	0.00	1.00	0.00	6.41	36.34	2.00	0.00	1.00	0.00
6.42	36.06	2.00	0.00	1.00	0.00	6.43	35.64	2.00	0.00	1.00	0.00
6.44	35.24	2.00	0.00	1.00	0.00	6.45	34.81	2.00	0.00	1.00	0.00
6.46	34.43	2.00	0.00	1.00	0.00	6.47	34.15	2.00	0.00	1.00	0.00
6.48	33.97	2.00	0.00	1.00	0.00	6.49	33.80	2.00	0.00	1.00	0.00
6.50	33.53	2.00	0.00	1.00	0.00	6.51	33.32	2.00	0.00	1.00	0.00
6.52	33.12	2.00	0.00	1.00	0.00	6.53	33.04	2.00	0.00	1.00	0.00
6.54	32.91	2.00	0.00	1.00	0.00	6.55	32.74	2.00	0.00	1.00	0.00
6.56	32.54	2.00	0.00	1.00	0.00	6.57	32.44	2.00	0.00	1.00	0.00
6.58	32.48	2.00	0.00	1.00	0.00	6.59	32.67	2.00	0.00	1.00	0.00
6.60	32.91	2.00	0.00	1.00	0.00	6.61	33.05	2.00	0.00	1.00	0.00
6.62	33.15	2.00	0.00	1.00	0.00	6.63	33.22	2.00	0.00	1.00	0.00
6.64	33.35	2.00	0.00	1.00	0.00	6.65	33.51	2.00	0.00	1.00	0.00
6.66	33.80	2.00	0.00	1.00	0.00	6.67	34.02	2.00	0.00	1.00	0.00
6.68	34.14	2.00	0.00	1.00	0.00	6.69	34.14	2.00	0.00	1.00	0.00
6.70	34.20	2.00	0.00	1.00	0.00	6.71	34.32	2.00	0.00	1.00	0.00
6.72	34.58	2.00	0.00	1.00	0.00	6.73	35.15	2.00	0.00	1.00	0.00
6.74	35.81	2.00	0.00	1.00	0.00	6.75	36.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	36.48	2.00	0.00	1.00	0.00	6.77	36.61	2.00	0.00	1.00	0.00
6.78	36.93	2.00	0.00	1.00	0.00	6.79	37.18	2.00	0.00	1.00	0.00
6.80	37.39	2.00	0.00	1.00	0.00	6.81	37.62	2.00	0.00	1.00	0.00
6.82	37.75	2.00	0.00	1.00	0.00	6.83	38.04	2.00	0.00	1.00	0.00
6.84	38.13	2.00	0.00	1.00	0.00	6.85	38.28	2.00	0.00	1.00	0.00
6.86	38.25	2.00	0.00	1.00	0.00	6.87	37.14	2.00	0.00	1.00	0.00
6.88	35.92	2.00	0.00	1.00	0.00	6.89	34.52	2.00	0.00	1.00	0.00
6.90	35.02	2.00	0.00	1.00	0.00	6.91	35.49	2.00	0.00	1.00	0.00
6.92	36.01	2.00	0.00	1.00	0.00	6.93	36.64	2.00	0.00	1.00	0.00
6.94	37.24	2.00	0.00	1.00	0.00	6.95	37.80	2.00	0.00	1.00	0.00
6.96	38.21	2.00	0.00	1.00	0.00	6.97	38.57	2.00	0.00	1.00	0.00
6.98	38.91	2.00	0.00	1.00	0.00	6.99	39.21	2.00	0.00	1.00	0.00
7.00	39.42	2.00	0.00	1.00	0.00	7.01	39.46	2.00	0.00	1.00	0.00
7.02	39.37	2.00	0.00	1.00	0.00	7.03	39.34	2.00	0.00	1.00	0.00
7.04	39.39	2.00	0.00	1.00	0.00	7.05	39.39	2.00	0.00	1.00	0.00
7.06	39.26	2.00	0.00	1.00	0.00	7.07	38.98	2.00	0.00	1.00	0.00
7.08	38.67	2.00	0.00	1.00	0.00	7.09	38.36	2.00	0.00	1.00	0.00
7.10	38.27	2.00	0.00	1.00	0.00	7.11	38.17	2.00	0.00	1.00	0.00
7.12	38.04	2.00	0.00	1.00	0.00	7.13	37.76	2.00	0.00	1.00	0.00
7.14	37.52	2.00	0.00	1.00	0.00	7.15	37.45	2.00	0.00	1.00	0.00
7.16	37.38	2.00	0.00	1.00	0.00	7.17	37.35	2.00	0.00	1.00	0.00
7.18	37.26	2.00	0.00	1.00	0.00	7.19	37.38	2.00	0.00	1.00	0.00
7.20	37.44	2.00	0.00	1.00	0.00	7.21	37.51	2.00	0.00	1.00	0.00
7.22	37.60	2.00	0.00	1.00	0.00	7.23	37.69	2.00	0.00	1.00	0.00
7.24	37.83	2.00	0.00	1.00	0.00	7.25	37.92	2.00	0.00	1.00	0.00
7.26	38.30	2.00	0.00	1.00	0.00	7.27	38.70	2.00	0.00	1.00	0.00
7.28	38.96	2.00	0.00	1.00	0.00	7.29	38.85	2.00	0.00	1.00	0.00
7.30	38.72	2.00	0.00	1.00	0.00	7.31	38.71	2.00	0.00	1.00	0.00
7.32	38.83	2.00	0.00	1.00	0.00	7.33	38.92	2.00	0.00	1.00	0.00
7.34	39.03	2.00	0.00	1.00	0.00	7.35	39.09	2.00	0.00	1.00	0.00
7.36	39.00	2.00	0.00	1.00	0.00	7.37	38.81	2.00	0.00	1.00	0.00
7.38	38.46	2.00	0.00	1.00	0.00	7.39	38.09	2.00	0.00	1.00	0.00
7.40	37.68	2.00	0.00	1.00	0.00	7.41	37.38	2.00	0.00	1.00	0.00
7.42	37.00	2.00	0.00	1.00	0.00	7.43	36.94	2.00	0.00	1.00	0.00
7.44	37.00	2.00	0.00	1.00	0.00	7.45	37.12	2.00	0.00	1.00	0.00
7.46	36.90	2.00	0.00	1.00	0.00	7.47	36.47	2.00	0.00	1.00	0.00
7.48	35.95	2.00	0.00	1.00	0.00	7.49	35.47	2.00	0.00	1.00	0.00
7.50	35.24	2.00	0.00	1.00	0.00	7.51	35.09	2.00	0.00	1.00	0.00
7.52	34.85	2.00	0.00	1.00	0.00	7.53	34.49	2.00	0.00	1.00	0.00
7.54	34.10	2.00	0.00	1.00	0.00	7.55	34.06	2.00	0.00	1.00	0.00
7.56	34.25	2.00	0.00	1.00	0.00	7.57	34.57	2.00	0.00	1.00	0.00
7.58	34.77	2.00	0.00	1.00	0.00	7.59	35.02	2.00	0.00	1.00	0.00
7.60	35.31	2.00	0.00	1.00	0.00	7.61	35.57	2.00	0.00	1.00	0.00
7.62	35.67	2.00	0.00	1.00	0.00	7.63	35.72	2.00	0.00	1.00	0.00
7.64	35.72	2.00	0.00	1.00	0.00	7.65	35.85	2.00	0.00	1.00	0.00
7.66	35.88	2.00	0.00	1.00	0.00	7.67	35.98	2.00	0.00	1.00	0.00
7.68	36.06	2.00	0.00	1.00	0.00	7.69	36.30	2.00	0.00	1.00	0.00
7.70	36.42	2.00	0.00	1.00	0.00	7.71	36.20	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	35.78	2.00	0.00	1.00	0.00	7.73	35.39	2.00	0.00	1.00	0.00
7.74	35.20	2.00	0.00	1.00	0.00	7.75	35.17	2.00	0.00	1.00	0.00
7.76	35.21	2.00	0.00	1.00	0.00	7.77	35.31	2.00	0.00	1.00	0.00
7.78	35.41	2.00	0.00	1.00	0.00	7.79	35.51	2.00	0.00	1.00	0.00
7.80	35.60	2.00	0.00	1.00	0.00	7.81	35.73	2.00	0.00	1.00	0.00
7.82	35.89	2.00	0.00	1.00	0.00	7.83	36.02	2.00	0.00	1.00	0.00
7.84	36.11	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	36.17	2.00	0.00	1.00	0.00	7.87	33.99	2.00	0.00	1.00	0.00
7.88	32.08	2.00	0.00	1.00	0.00	7.89	30.13	2.00	0.00	1.00	0.00
7.90	31.32	2.00	0.00	1.00	0.00	7.91	32.11	2.00	0.00	1.00	0.00
7.92	32.84	2.00	0.00	1.00	0.00	7.93	33.57	2.00	0.00	1.00	0.00
7.94	34.36	2.00	0.00	1.00	0.00	7.95	34.87	2.00	0.00	1.00	0.00
7.96	35.14	2.00	0.00	1.00	0.00	7.97	34.91	2.00	0.00	1.00	0.00
7.98	34.84	2.00	0.00	1.00	0.00	7.99	34.96	2.00	0.00	1.00	0.00
8.00	35.23	2.00	0.00	1.00	0.00	8.01	35.14	2.00	0.00	1.00	0.00
8.02	35.04	2.00	0.00	1.00	0.00	8.03	35.07	2.00	0.00	1.00	0.00
8.04	35.42	2.00	0.00	1.00	0.00	8.05	35.16	2.00	0.00	1.00	0.00
8.06	35.04	2.00	0.00	1.00	0.00	8.07	35.39	2.00	0.00	1.00	0.00
8.08	36.44	2.00	0.00	1.00	0.00	8.09	36.86	2.00	0.00	1.00	0.00
8.10	36.42	2.00	0.00	1.00	0.00	8.11	35.74	2.00	0.00	1.00	0.00
8.12	35.45	2.00	0.00	1.00	0.00	8.13	35.44	2.00	0.00	1.00	0.00
8.14	35.35	2.00	0.00	1.00	0.00	8.15	35.20	2.00	0.00	1.00	0.00
8.16	34.92	2.00	0.00	1.00	0.00	8.17	34.50	2.00	0.00	1.00	0.00
8.18	33.86	2.00	0.00	1.00	0.00	8.19	33.52	2.00	0.00	1.00	0.00
8.20	33.67	2.00	0.00	1.00	0.00	8.21	34.01	2.00	0.00	1.00	0.00
8.22	34.19	2.00	0.00	1.00	0.00	8.23	34.11	2.00	0.00	1.00	0.00
8.24	34.00	2.00	0.00	1.00	0.00	8.25	34.00	2.00	0.00	1.00	0.00
8.26	34.04	2.00	0.00	1.00	0.00	8.27	34.16	2.00	0.00	1.00	0.00
8.28	34.27	2.00	0.00	1.00	0.00	8.29	34.42	2.00	0.00	1.00	0.00
8.30	34.58	2.00	0.00	1.00	0.00	8.31	34.69	2.00	0.00	1.00	0.00
8.32	34.94	2.00	0.00	1.00	0.00	8.33	35.19	2.00	0.00	1.00	0.00
8.34	35.47	2.00	0.00	1.00	0.00	8.35	35.58	2.00	0.00	1.00	0.00
8.36	35.66	2.00	0.00	1.00	0.00	8.37	35.60	2.00	0.00	1.00	0.00
8.38	35.54	2.00	0.00	1.00	0.00	8.39	35.47	2.00	0.00	1.00	0.00
8.40	35.51	2.00	0.00	1.00	0.00	8.41	35.57	2.00	0.00	1.00	0.00
8.42	35.65	2.00	0.00	1.00	0.00	8.43	35.72	2.00	0.00	1.00	0.00
8.44	35.83	2.00	0.00	1.00	0.00	8.45	36.00	2.00	0.00	1.00	0.00
8.46	36.17	2.00	0.00	1.00	0.00	8.47	36.31	2.00	0.00	1.00	0.00
8.48	36.38	2.00	0.00	1.00	0.00	8.49	36.42	2.00	0.00	1.00	0.00
8.50	36.50	2.00	0.00	1.00	0.00	8.51	36.61	2.00	0.00	1.00	0.00
8.52	36.71	2.00	0.00	1.00	0.00	8.53	36.73	2.00	0.00	1.00	0.00
8.54	36.69	2.00	0.00	1.00	0.00	8.55	36.69	2.00	0.00	1.00	0.00
8.56	36.73	2.00	0.00	1.00	0.00	8.57	36.73	2.00	0.00	1.00	0.00
8.58	36.66	2.00	0.00	1.00	0.00	8.59	36.58	2.00	0.00	1.00	0.00
8.60	36.52	2.00	0.00	1.00	0.00	8.61	36.45	2.00	0.00	1.00	0.00
8.62	36.35	2.00	0.00	1.00	0.00	8.63	36.25	2.00	0.00	1.00	0.00
8.64	36.14	2.00	0.00	1.00	0.00	8.65	36.11	2.00	0.00	1.00	0.00
8.66	36.14	2.00	0.00	1.00	0.00	8.67	36.14	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	36.14	2.00	0.00	1.00	0.00	8.69	36.14	2.00	0.00	1.00	0.00
8.70	36.18	2.00	0.00	1.00	0.00	8.71	36.21	2.00	0.00	1.00	0.00
8.72	36.24	2.00	0.00	1.00	0.00	8.73	36.34	2.00	0.00	1.00	0.00
8.74	36.34	2.00	0.00	1.00	0.00	8.75	36.31	2.00	0.00	1.00	0.00
8.76	36.27	2.00	0.00	1.00	0.00	8.77	36.30	2.00	0.00	1.00	0.00
8.78	36.33	2.00	0.00	1.00	0.00	8.79	36.36	2.00	0.00	1.00	0.00
8.80	36.39	2.00	0.00	1.00	0.00	8.81	36.50	2.00	0.00	1.00	0.00
8.82	36.54	2.00	0.00	1.00	0.00	8.83	36.64	2.00	0.00	1.00	0.00
8.84	36.72	2.00	0.00	1.00	0.00	8.85	36.81	2.00	0.00	1.00	0.00
8.86	36.84	2.00	0.00	1.00	0.00	8.87	34.68	2.00	0.00	1.00	0.00
8.88	32.74	2.00	0.00	1.00	0.00	8.89	30.79	2.00	0.00	1.00	0.00
8.90	31.89	2.00	0.00	1.00	0.00	8.91	32.59	2.00	0.00	1.00	0.00
8.92	33.45	2.00	0.00	1.00	0.00	8.93	34.10	2.00	0.00	1.00	0.00
8.94	34.61	2.00	0.00	1.00	0.00	8.95	34.71	2.00	0.00	1.00	0.00
8.96	34.96	2.00	0.00	1.00	0.00	8.97	35.29	2.00	0.00	1.00	0.00
8.98	35.65	2.00	0.00	1.00	0.00	8.99	35.94	2.00	0.00	1.00	0.00
9.00	36.08	2.00	0.00	1.00	0.00	9.01	36.16	2.00	0.00	1.00	0.00
9.02	36.10	2.00	0.00	1.00	0.00	9.03	36.01	2.00	0.00	1.00	0.00
9.04	36.02	2.00	0.00	1.00	0.00	9.05	36.12	2.00	0.00	1.00	0.00
9.06	36.25	2.00	0.00	1.00	0.00	9.07	36.38	2.00	0.00	1.00	0.00
9.08	36.41	2.00	0.00	1.00	0.00	9.09	36.40	2.00	0.00	1.00	0.00
9.10	36.31	2.00	0.00	1.00	0.00	9.11	36.35	2.00	0.00	1.00	0.00
9.12	36.58	2.00	0.00	1.00	0.00	9.13	36.85	2.00	0.00	1.00	0.00
9.14	37.15	2.00	0.00	1.00	0.00	9.15	37.34	2.00	0.00	1.00	0.00
9.16	37.49	2.00	0.00	1.00	0.00	9.17	37.36	2.00	0.00	1.00	0.00
9.18	37.02	2.00	0.00	1.00	0.00	9.19	36.65	2.00	0.00	1.00	0.00
9.20	36.39	2.00	0.00	1.00	0.00	9.21	36.31	2.00	0.00	1.00	0.00
9.22	36.19	2.00	0.00	1.00	0.00	9.23	36.19	2.00	0.00	1.00	0.00
9.24	36.27	2.00	0.00	1.00	0.00	9.25	36.51	2.00	0.00	1.00	0.00
9.26	36.80	2.00	0.00	1.00	0.00	9.27	36.93	2.00	0.00	1.00	0.00
9.28	37.30	2.00	0.00	1.00	0.00	9.29	37.72	2.00	0.00	1.00	0.00
9.30	38.48	2.00	0.00	1.00	0.00	9.31	39.49	2.00	0.00	1.00	0.00
9.32	40.58	2.00	0.00	1.00	0.00	9.33	41.61	2.00	0.00	1.00	0.00
9.34	42.70	2.00	0.00	1.00	0.00	9.35	43.82	2.00	0.00	1.00	0.00
9.36	44.96	2.00	0.00	1.00	0.00	9.37	46.01	2.00	0.00	1.00	0.00
9.38	46.97	2.00	0.00	1.00	0.00	9.39	47.88	2.00	0.00	1.00	0.00
9.40	48.55	2.00	0.00	1.00	0.00	9.41	49.03	2.00	0.00	1.00	0.00
9.42	49.20	2.00	0.00	1.00	0.00	9.43	48.99	2.00	0.00	1.00	0.00
9.44	48.67	2.00	0.00	1.00	0.00	9.45	48.35	2.00	0.00	1.00	0.00
9.46	48.19	2.00	0.00	1.00	0.00	9.47	48.02	2.00	0.00	1.00	0.00
9.48	47.64	2.00	0.00	1.00	0.00	9.49	46.71	2.00	0.00	1.00	0.00
9.50	45.59	2.00	0.00	1.00	0.00	9.51	44.42	2.00	0.00	1.00	0.00
9.52	43.67	2.00	0.00	1.00	0.00	9.53	43.20	2.00	0.00	1.00	0.00
9.54	42.92	2.00	0.00	1.00	0.00	9.55	42.56	2.00	0.00	1.00	0.00
9.56	42.11	2.00	0.00	1.00	0.00	9.57	41.57	2.00	0.00	1.00	0.00
9.58	41.05	2.00	0.00	1.00	0.00	9.59	40.60	2.00	0.00	1.00	0.00
9.60	40.07	2.00	0.00	1.00	0.00	9.61	39.70	2.00	0.00	1.00	0.00
9.62	39.30	2.00	0.00	1.00	0.00	9.63	39.42	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	39.70	2.00	0.00	1.00	0.00	9.65	40.08	2.00	0.00	1.00	0.00
9.66	40.20	2.00	0.00	1.00	0.00	9.67	40.21	2.00	0.00	1.00	0.00
9.68	40.17	2.00	0.00	1.00	0.00	9.69	40.52	2.00	0.00	1.00	0.00
9.70	41.07	2.00	0.00	1.00	0.00	9.71	41.73	2.00	0.00	1.00	0.00
9.72	42.20	2.00	0.00	1.00	0.00	9.73	42.61	2.00	0.00	1.00	0.00
9.74	42.90	2.00	0.00	1.00	0.00	9.75	43.20	2.00	0.00	1.00	0.00
9.76	43.53	2.00	0.00	1.00	0.00	9.77	43.95	2.00	0.00	1.00	0.00
9.78	44.37	2.00	0.00	1.00	0.00	9.79	44.58	2.00	0.00	1.00	0.00
9.80	44.72	2.00	0.00	1.00	0.00	9.81	44.69	2.00	0.00	1.00	0.00
9.82	44.64	2.00	0.00	1.00	0.00	9.83	44.36	2.00	0.00	1.00	0.00
9.84	44.12	2.00	0.00	1.00	0.00	9.85	43.94	2.00	0.00	1.00	0.00
9.86	41.48	2.00	0.00	1.00	0.00	9.87	38.68	2.00	0.00	1.00	0.00
9.88	35.57	2.00	0.00	1.00	0.00	9.89	36.25	2.00	0.00	1.00	0.00
9.90	37.06	2.00	0.00	1.00	0.00	9.91	37.72	2.00	0.00	1.00	0.00
9.92	38.23	2.00	0.00	1.00	0.00	9.93	38.70	2.00	0.00	1.00	0.00
9.94	39.37	2.00	0.00	1.00	0.00	9.95	40.27	2.00	0.00	1.00	0.00
9.96	40.93	2.00	0.00	1.00	0.00	9.97	41.30	2.00	0.00	1.00	0.00
9.98	41.44	2.00	0.00	1.00	0.00	9.99	41.69	2.00	0.00	1.00	0.00
10.00	42.06	2.00	0.00	1.00	0.00	10.01	42.49	2.00	0.00	1.00	0.00
10.02	42.67	2.00	0.00	1.00	0.00	10.03	42.71	2.00	0.00	1.00	0.00
10.04	42.64	2.00	0.00	1.00	0.00	10.05	42.62	2.00	0.00	1.00	0.00
10.06	42.61	2.00	0.00	1.00	0.00	10.07	42.57	2.00	0.00	1.00	0.00
10.08	42.51	2.00	0.00	1.00	0.00	10.09	42.43	2.00	0.00	1.00	0.00
10.10	42.25	2.00	0.00	1.00	0.00	10.11	42.00	2.00	0.00	1.00	0.00
10.12	41.56	2.00	0.00	1.00	0.00	10.13	41.01	2.00	0.00	1.00	0.00
10.14	40.41	2.00	0.00	1.00	0.00	10.15	39.93	2.00	0.00	1.00	0.00
10.16	39.58	2.00	0.00	1.00	0.00	10.17	39.34	2.00	0.00	1.00	0.00
10.18	39.21	2.00	0.00	1.00	0.00	10.19	39.40	2.00	0.00	1.00	0.00
10.20	39.61	2.00	0.00	1.00	0.00	10.21	39.93	2.00	0.00	1.00	0.00
10.22	40.09	2.00	0.00	1.00	0.00	10.23	40.29	2.00	0.00	1.00	0.00
10.24	40.36	2.00	0.00	1.00	0.00	10.25	40.43	2.00	0.00	1.00	0.00
10.26	40.48	2.00	0.00	1.00	0.00	10.27	40.68	2.00	0.00	1.00	0.00
10.28	40.91	2.00	0.00	1.00	0.00	10.29	41.12	2.00	0.00	1.00	0.00
10.30	41.17	2.00	0.00	1.00	0.00	10.31	41.15	2.00	0.00	1.00	0.00
10.32	41.16	2.00	0.00	1.00	0.00	10.33	41.11	2.00	0.00	1.00	0.00
10.34	40.87	2.00	0.00	1.00	0.00	10.35	40.54	2.00	0.00	1.00	0.00
10.36	40.31	2.00	0.00	1.00	0.00	10.37	40.36	2.00	0.00	1.00	0.00
10.38	40.48	2.00	0.00	1.00	0.00	10.39	40.56	2.00	0.00	1.00	0.00
10.40	40.60	2.00	0.00	1.00	0.00	10.41	40.53	2.00	0.00	1.00	0.00
10.42	40.36	2.00	0.00	1.00	0.00	10.43	40.08	2.00	0.00	1.00	0.00
10.44	39.83	2.00	0.00	1.00	0.00	10.45	39.62	2.00	0.00	1.00	0.00
10.46	39.50	2.00	0.00	1.00	0.00	10.47	39.38	2.00	0.00	1.00	0.00
10.48	39.28	2.00	0.00	1.00	0.00	10.49	39.16	2.00	0.00	1.00	0.00
10.50	39.06	2.00	0.00	1.00	0.00	10.51	38.91	2.00	0.00	1.00	0.00
10.52	38.70	2.00	0.00	1.00	0.00	10.53	38.50	2.00	0.00	1.00	0.00
10.54	38.31	2.00	0.00	1.00	0.00	10.55	38.22	2.00	0.00	1.00	0.00
10.56	38.14	2.00	0.00	1.00	0.00	10.57	38.14	2.00	0.00	1.00	0.00
10.58	38.16	2.00	0.00	1.00	0.00	10.59	38.15	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	38.17	2.00	0.00	1.00	0.00	10.61	38.22	2.00	0.00	1.00	0.00
10.62	38.26	2.00	0.00	1.00	0.00	10.63	38.25	2.00	0.00	1.00	0.00
10.64	38.18	2.00	0.00	1.00	0.00	10.65	38.13	2.00	0.00	1.00	0.00
10.66	38.09	2.00	0.00	1.00	0.00	10.67	38.08	2.00	0.00	1.00	0.00
10.68	38.07	2.00	0.00	1.00	0.00	10.69	38.09	2.00	0.00	1.00	0.00
10.70	38.11	2.00	0.00	1.00	0.00	10.71	38.13	2.00	0.00	1.00	0.00
10.72	38.10	2.00	0.00	1.00	0.00	10.73	38.08	2.00	0.00	1.00	0.00
10.74	38.05	2.00	0.00	1.00	0.00	10.75	38.06	2.00	0.00	1.00	0.00
10.76	38.09	2.00	0.00	1.00	0.00	10.77	38.14	2.00	0.00	1.00	0.00
10.78	38.13	2.00	0.00	1.00	0.00	10.79	38.03	2.00	0.00	1.00	0.00
10.80	37.88	2.00	0.00	1.00	0.00	10.81	37.72	2.00	0.00	1.00	0.00
10.82	37.62	2.00	0.00	1.00	0.00	10.83	37.52	2.00	0.00	1.00	0.00
10.84	37.46	2.00	0.00	1.00	0.00	10.85	37.40	2.00	0.00	1.00	0.00
10.86	35.22	2.00	0.00	1.00	0.00	10.87	33.03	2.00	0.00	1.00	0.00
10.88	30.59	2.00	0.00	1.00	0.00	10.89	31.18	2.00	0.00	1.00	0.00
10.90	31.50	2.00	0.00	1.00	0.00	10.91	31.84	2.00	0.00	1.00	0.00
10.92	32.15	2.00	0.00	1.00	0.00	10.93	32.67	2.00	0.00	1.00	0.00
10.94	33.22	2.00	0.00	1.00	0.00	10.95	33.85	2.00	0.00	1.00	0.00
10.96	34.46	2.00	0.00	1.00	0.00	10.97	34.99	2.00	0.00	1.00	0.00
10.98	35.45	2.00	0.00	1.00	0.00	10.99	35.69	2.00	0.00	1.00	0.00
11.00	35.99	2.00	0.00	1.00	0.00	11.01	36.32	2.00	0.00	1.00	0.00
11.02	36.56	2.00	0.00	1.00	0.00	11.03	36.59	2.00	0.00	1.00	0.00
11.04	36.49	2.00	0.00	1.00	0.00	11.05	36.46	2.00	0.00	1.00	0.00
11.06	36.51	2.00	0.00	1.00	0.00	11.07	36.49	2.00	0.00	1.00	0.00
11.08	36.42	2.00	0.00	1.00	0.00	11.09	36.28	2.00	0.00	1.00	0.00
11.10	36.30	2.00	0.00	1.00	0.00	11.11	36.38	2.00	0.00	1.00	0.00
11.12	36.44	2.00	0.00	1.00	0.00	11.13	36.37	2.00	0.00	1.00	0.00
11.14	36.30	2.00	0.00	1.00	0.00	11.15	36.29	2.00	0.00	1.00	0.00
11.16	36.28	2.00	0.00	1.00	0.00	11.17	36.27	2.00	0.00	1.00	0.00
11.18	36.26	2.00	0.00	1.00	0.00	11.19	36.28	2.00	0.00	1.00	0.00
11.20	36.18	2.00	0.00	1.00	0.00	11.21	36.08	2.00	0.00	1.00	0.00
11.22	36.01	2.00	0.00	1.00	0.00	11.23	36.00	2.00	0.00	1.00	0.00
11.24	35.93	2.00	0.00	1.00	0.00	11.25	35.77	2.00	0.00	1.00	0.00
11.26	35.73	2.00	0.00	1.00	0.00	11.27	35.78	2.00	0.00	1.00	0.00
11.28	36.05	2.00	0.00	1.00	0.00	11.29	36.22	2.00	0.00	1.00	0.00
11.30	36.42	2.00	0.00	1.00	0.00	11.31	36.51	2.00	0.00	1.00	0.00
11.32	36.64	2.00	0.00	1.00	0.00	11.33	36.80	2.00	0.00	1.00	0.00
11.34	37.06	2.00	0.00	1.00	0.00	11.35	37.42	2.00	0.00	1.00	0.00
11.36	37.76	2.00	0.00	1.00	0.00	11.37	37.76	2.00	0.00	1.00	0.00
11.38	37.76	2.00	0.00	1.00	0.00	11.39	37.82	2.00	0.00	1.00	0.00
11.40	37.91	2.00	0.00	1.00	0.00	11.41	38.26	2.00	0.00	1.00	0.00
11.42	38.54	2.00	0.00	1.00	0.00	11.43	39.03	2.00	0.00	1.00	0.00
11.44	38.95	2.00	0.00	1.00	0.00	11.45	39.04	2.00	0.00	1.00	0.00
11.46	39.25	2.00	0.00	1.00	0.00	11.47	39.58	2.00	0.00	1.00	0.00
11.48	39.87	2.00	0.00	1.00	0.00	11.49	40.15	2.00	0.00	1.00	0.00
11.50	41.21	2.00	0.00	1.00	0.00	11.51	42.51	2.00	0.00	1.00	0.00
11.52	43.77	2.00	0.00	1.00	0.00	11.53	44.59	2.00	0.00	1.00	0.00
11.54	45.19	2.00	0.00	1.00	0.00	11.55	45.56	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	45.60	2.00	0.00	1.00	0.00	11.57	45.63	2.00	0.00	1.00	0.00
11.58	45.86	2.00	0.00	1.00	0.00	11.59	46.15	2.00	0.00	1.00	0.00
11.60	46.36	2.00	0.00	1.00	0.00	11.61	46.39	2.00	0.00	1.00	0.00
11.62	46.37	2.00	0.00	1.00	0.00	11.63	46.12	2.00	0.00	1.00	0.00
11.64	45.35	2.00	0.00	1.00	0.00	11.65	44.83	2.00	0.00	1.00	0.00
11.66	44.40	2.00	0.00	1.00	0.00	11.67	44.42	2.00	0.00	1.00	0.00
11.68	44.51	2.00	0.00	1.00	0.00	11.69	45.07	2.00	0.00	1.00	0.00
11.70	46.04	2.00	0.00	1.00	0.00	11.71	47.21	2.00	0.00	1.00	0.00
11.72	48.31	2.00	0.00	1.00	0.00	11.73	49.36	2.00	0.00	1.00	0.00
11.74	50.84	2.00	0.00	1.00	0.00	11.75	52.46	2.00	0.00	1.00	0.00
11.76	54.34	2.00	0.00	1.00	0.00	11.77	56.54	2.00	0.00	1.00	0.00
11.78	58.82	2.00	0.00	1.00	0.00	11.79	60.95	2.00	0.00	1.00	0.00
11.80	62.73	2.00	0.00	1.00	0.00	11.81	64.72	2.00	0.00	1.00	0.00
11.82	66.53	2.00	0.00	1.00	0.00	11.83	67.60	2.00	0.00	1.00	0.00
11.84	67.87	2.00	0.00	1.00	0.00	11.85	69.35	2.00	0.00	1.00	0.00
11.86	71.76	2.00	0.00	1.00	0.00	11.87	74.89	2.00	0.00	1.00	0.00
11.88	76.91	2.00	0.00	1.00	0.00	11.89	78.35	2.00	0.00	1.00	0.00
11.90	80.08	2.00	0.00	1.00	0.00	11.91	81.68	2.00	0.00	1.00	0.00
11.92	83.07	2.00	0.00	1.00	0.00	11.93	84.18	2.00	0.00	1.00	0.00
11.94	85.58	2.00	0.00	1.00	0.00	11.95	87.21	2.00	0.00	1.00	0.00
11.96	88.75	2.00	0.00	1.00	0.00	11.97	90.03	2.00	0.00	1.00	0.00
11.98	90.87	2.00	0.00	1.00	0.00	11.99	90.83	2.00	0.00	1.00	0.00
12.00	90.43	2.00	0.00	1.00	0.00	12.01	89.96	2.00	0.00	1.00	0.00
12.02	90.04	2.00	0.00	1.00	0.00	12.03	90.30	2.00	0.00	1.00	0.00
12.04	90.58	2.00	0.00	1.00	0.00	12.05	90.42	2.00	0.00	1.00	0.00
12.06	90.00	2.00	0.00	1.00	0.00	12.07	89.36	2.00	0.00	1.00	0.00
12.08	88.75	2.00	0.00	1.00	0.00	12.09	88.34	2.00	0.00	1.00	0.00
12.10	88.15	2.00	0.00	1.00	0.00	12.11	88.01	2.00	0.00	1.00	0.00
12.12	87.70	2.00	0.00	1.00	0.00	12.13	87.51	2.00	0.00	1.00	0.00
12.14	87.32	2.00	0.00	1.00	0.00	12.15	86.63	2.00	0.00	1.00	0.00
12.16	85.64	2.00	0.00	1.00	0.00	12.17	84.45	2.00	0.00	1.00	0.00
12.18	83.39	2.00	0.00	1.00	0.00	12.19	82.11	2.00	0.00	1.00	0.00
12.20	80.76	2.00	0.00	1.00	0.00	12.21	79.66	2.00	0.00	1.00	0.00
12.22	78.41	2.00	0.00	1.00	0.00	12.23	77.04	2.00	0.00	1.00	0.00
12.24	75.55	2.00	0.00	1.00	0.00	12.25	74.34	2.00	0.00	1.00	0.00
12.26	72.89	2.00	0.00	1.00	0.00	12.27	71.32	2.00	0.00	1.00	0.00
12.28	69.77	2.00	0.00	1.00	0.00	12.29	68.40	2.00	0.00	1.00	0.00
12.30	66.92	2.00	0.00	1.00	0.00	12.31	65.21	2.00	0.00	1.00	0.00
12.32	63.25	2.00	0.00	1.00	0.00	12.33	60.97	2.00	0.00	1.00	0.00
12.34	58.82	2.00	0.00	1.00	0.00	12.35	56.96	2.00	0.00	1.00	0.00
12.36	55.68	2.00	0.00	1.00	0.00	12.37	54.49	2.00	0.00	1.00	0.00
12.38	53.24	2.00	0.00	1.00	0.00	12.39	52.04	2.00	0.00	1.00	0.00
12.40	50.97	2.00	0.00	1.00	0.00	12.41	50.12	2.00	0.00	1.00	0.00
12.42	49.96	2.00	0.00	1.00	0.00	12.43	50.34	2.00	0.00	1.00	0.00
12.44	51.05	2.00	0.00	1.00	0.00	12.45	51.53	2.00	0.00	1.00	0.00
12.46	51.70	2.00	0.00	1.00	0.00	12.47	52.19	2.00	0.00	1.00	0.00
12.48	52.99	2.00	0.00	1.00	0.00	12.49	54.17	2.00	0.00	1.00	0.00
12.50	55.30	2.00	0.00	1.00	0.00	12.51	56.12	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	56.93	2.00	0.00	1.00	0.00	12.53	57.55	2.00	0.00	1.00	0.00
12.54	58.20	2.00	0.00	1.00	0.00	12.55	58.62	2.00	0.00	1.00	0.00
12.56	59.25	0.72	3.59	1.00	0.04	12.57	61.22	0.74	3.49	1.00	0.03
12.58	63.64	0.76	3.38	1.00	0.03	12.59	66.20	0.78	3.28	1.00	0.03
12.60	68.68	0.80	3.18	1.00	0.03	12.61	71.14	2.00	0.00	1.00	0.00
12.62	73.83	2.00	0.00	1.00	0.00	12.63	75.97	2.00	0.00	1.00	0.00
12.64	79.25	2.00	0.00	1.00	0.00	12.65	82.12	2.00	0.00	1.00	0.00
12.66	84.86	2.00	0.00	1.00	0.00	12.67	88.01	2.00	0.00	1.00	0.00
12.68	91.60	2.00	0.00	1.00	0.00	12.69	95.44	2.00	0.00	1.00	0.00
12.70	98.24	2.00	0.00	1.00	0.00	12.71	100.42	2.00	0.00	1.00	0.00
12.72	102.26	2.00	0.00	1.00	0.00	12.73	104.45	2.00	0.00	1.00	0.00
12.74	107.63	2.00	0.00	1.00	0.00	12.75	111.22	2.00	0.00	1.00	0.00
12.76	114.28	2.00	0.00	1.00	0.00	12.77	117.25	2.00	0.00	1.00	0.00
12.78	119.75	2.00	0.00	1.00	0.00	12.79	121.94	2.00	0.00	1.00	0.00
12.80	122.46	2.00	0.00	1.00	0.00	12.81	122.24	2.00	0.00	1.00	0.00
12.82	121.47	2.00	0.00	1.00	0.00	12.83	121.14	2.00	0.00	1.00	0.00
12.84	121.03	2.00	0.00	1.00	0.00	12.85	123.02	2.00	0.00	1.00	0.00
12.86	125.33	2.00	0.00	1.00	0.00	12.87	127.83	2.00	0.00	1.00	0.00
12.88	128.40	2.00	0.00	1.00	0.00	12.89	128.72	2.00	0.00	1.00	0.00
12.90	129.16	2.00	0.00	1.00	0.00	12.91	129.29	2.00	0.00	1.00	0.00
12.92	129.70	2.00	0.00	1.00	0.00	12.93	129.88	2.00	0.00	1.00	0.00
12.94	130.71	2.00	0.00	1.00	0.00	12.95	132.14	2.00	0.00	1.00	0.00
12.96	134.16	2.00	0.00	1.00	0.00	12.97	135.87	2.00	0.00	1.00	0.00
12.98	136.88	2.00	0.00	1.00	0.00	12.99	137.31	2.00	0.00	1.00	0.00
13.00	137.55	2.00	0.00	1.00	0.00	13.01	137.42	2.00	0.00	1.00	0.00
13.02	136.95	2.00	0.00	1.00	0.00	13.03	136.32	2.00	0.00	1.00	0.00
13.04	135.49	2.00	0.00	1.00	0.00	13.05	134.48	2.00	0.00	1.00	0.00
13.06	132.97	2.00	0.00	1.00	0.00	13.07	130.31	2.00	0.00	1.00	0.00
13.08	126.80	2.00	0.00	1.00	0.00	13.09	122.91	2.00	0.00	1.00	0.00
13.10	119.28	2.00	0.00	1.00	0.00	13.11	113.92	2.00	0.00	1.00	0.00
13.12	107.79	2.00	0.00	1.00	0.00	13.13	101.48	2.00	0.00	1.00	0.00
13.14	95.68	2.00	0.00	1.00	0.00	13.15	90.31	2.00	0.00	1.00	0.00
13.16	85.34	2.00	0.00	1.00	0.00	13.17	81.53	2.00	0.00	1.00	0.00
13.18	78.24	2.00	0.00	1.00	0.00	13.19	76.29	2.00	0.00	1.00	0.00
13.20	76.23	2.00	0.00	1.00	0.00	13.21	76.45	2.00	0.00	1.00	0.00
13.22	75.88	2.00	0.00	1.00	0.00	13.23	74.49	2.00	0.00	1.00	0.00
13.24	73.87	2.00	0.00	1.00	0.00	13.25	74.88	2.00	0.00	1.00	0.00
13.26	77.70	2.00	0.00	1.00	0.00	13.27	83.10	2.00	0.00	1.00	0.00
13.28	88.32	2.00	0.00	1.00	0.00	13.29	92.80	2.00	0.00	1.00	0.00
13.30	95.51	2.00	0.00	1.00	0.00	13.31	97.37	2.00	0.00	1.00	0.00
13.32	98.42	2.00	0.00	1.00	0.00	13.33	98.08	2.00	0.00	1.00	0.00
13.34	97.81	2.00	0.00	1.00	0.00	13.35	98.25	2.00	0.00	1.00	0.00
13.36	99.71	2.00	0.00	1.00	0.00	13.37	101.93	2.00	0.00	1.00	0.00
13.38	103.52	2.00	0.00	1.00	0.00	13.39	104.33	2.00	0.00	1.00	0.00
13.40	103.91	2.00	0.00	1.00	0.00	13.41	103.40	2.00	0.00	1.00	0.00
13.42	102.71	2.00	0.00	1.00	0.00	13.43	101.03	2.00	0.00	1.00	0.00
13.44	98.66	2.00	0.00	1.00	0.00	13.45	96.20	2.00	0.00	1.00	0.00
13.46	94.91	2.00	0.00	1.00	0.00	13.47	94.27	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	93.73	2.00	0.00	1.00	0.00	13.49	92.48	2.00	0.00	1.00	0.00
13.50	90.71	2.00	0.00	1.00	0.00	13.51	87.86	2.00	0.00	1.00	0.00
13.52	82.76	2.00	0.00	1.00	0.00	13.53	77.16	0.94	2.30	1.00	0.02
13.54	72.21	0.88	2.54	1.00	0.03	13.55	71.17	0.87	2.59	1.00	0.03
13.56	71.57	0.87	2.57	1.00	0.03	13.57	72.93	0.89	2.50	1.00	0.03
13.58	75.00	0.91	2.40	1.00	0.02	13.59	76.94	0.94	2.31	1.00	0.02
13.60	77.24	0.94	2.30	1.00	0.02	13.61	75.39	0.92	2.38	1.00	0.02
13.62	72.64	2.00	0.00	1.00	0.00	13.63	70.74	2.00	0.00	1.00	0.00
13.64	69.78	2.00	0.00	1.00	0.00	13.65	69.66	2.00	0.00	1.00	0.00
13.66	70.31	2.00	0.00	1.00	0.00	13.67	71.17	0.87	2.59	1.00	0.03
13.68	71.97	0.88	2.55	1.00	0.03	13.69	73.29	0.90	2.48	1.00	0.02
13.70	75.04	0.92	2.40	1.00	0.02	13.71	77.47	0.95	2.29	1.00	0.02
13.72	79.50	0.97	1.09	1.00	0.01	13.73	80.52	0.99	1.08	1.00	0.01
13.74	80.28	2.00	0.00	1.00	0.00	13.75	79.00	2.00	0.00	1.00	0.00
13.76	78.27	2.00	0.00	1.00	0.00	13.77	78.55	2.00	0.00	1.00	0.00
13.78	80.49	2.00	0.00	1.00	0.00	13.79	82.54	1.02	1.06	1.00	0.01
13.80	84.45	1.05	0.62	1.00	0.01	13.81	86.41	1.08	0.61	1.00	0.01
13.82	88.46	1.12	0.60	1.00	0.01	13.83	90.01	1.14	0.59	1.00	0.01
13.84	90.49	1.15	0.43	1.00	0.00	13.85	91.47	1.17	0.43	1.00	0.00
13.86	92.81	1.20	0.43	1.00	0.00	13.87	94.10	1.22	0.42	1.00	0.00
13.88	94.60	1.23	0.42	1.00	0.00	13.89	95.03	1.24	0.42	1.00	0.00
13.90	94.66	1.23	0.42	1.00	0.00	13.91	92.64	1.20	0.43	1.00	0.00
13.92	89.44	1.14	0.59	1.00	0.01	13.93	86.16	1.08	0.61	1.00	0.01
13.94	83.46	1.04	1.05	1.00	0.01	13.95	80.50	2.00	0.00	1.00	0.00
13.96	78.50	2.00	0.00	1.00	0.00	13.97	79.12	2.00	0.00	1.00	0.00
13.98	82.05	2.00	0.00	1.00	0.00	13.99	85.50	2.00	0.00	1.00	0.00
14.00	87.40	2.00	0.00	1.00	0.00	14.01	88.51	2.00	0.00	1.00	0.00
14.02	89.23	2.00	0.00	1.00	0.00	14.03	89.62	2.00	0.00	1.00	0.00
14.04	89.06	2.00	0.00	1.00	0.00	14.05	86.65	2.00	0.00	1.00	0.00
14.06	84.00	2.00	0.00	1.00	0.00	14.07	82.10	1.03	1.06	1.00	0.01
14.08	82.68	1.04	1.05	1.00	0.01	14.09	84.20	1.06	0.62	1.00	0.01
14.10	86.24	1.09	0.61	1.00	0.01	14.11	87.94	1.12	0.60	1.00	0.01
14.12	89.42	1.15	0.59	1.00	0.01	14.13	90.17	1.16	0.43	1.00	0.00
14.14	89.12	1.15	0.59	1.00	0.01	14.15	85.31	1.08	0.61	1.00	0.01
14.16	79.83	1.00	1.09	1.00	0.01	14.17	75.77	0.95	2.36	1.00	0.02
14.18	75.13	0.94	2.39	1.00	0.02	14.19	78.32	0.98	1.11	1.00	0.01
14.20	81.47	1.03	1.07	1.00	0.01	14.21	84.22	1.07	0.62	1.00	0.01
14.22	84.43	1.07	0.62	1.00	0.01	14.23	83.97	1.07	0.62	1.00	0.01
14.24	83.56	1.06	0.62	1.00	0.01	14.25	85.11	2.00	0.00	1.00	0.00
14.26	87.15	2.00	0.00	1.00	0.00	14.27	88.77	2.00	0.00	1.00	0.00
14.28	88.92	2.00	0.00	1.00	0.00	14.29	88.03	2.00	0.00	1.00	0.00
14.30	85.88	2.00	0.00	1.00	0.00	14.31	83.16	2.00	0.00	1.00	0.00
14.32	81.22	2.00	0.00	1.00	0.00	14.33	81.11	2.00	0.00	1.00	0.00
14.34	82.00	2.00	0.00	1.00	0.00	14.35	81.38	2.00	0.00	1.00	0.00
14.36	80.42	2.00	0.00	1.00	0.00	14.37	80.04	2.00	0.00	1.00	0.00
14.38	81.44	2.00	0.00	1.00	0.00	14.39	82.54	2.00	0.00	1.00	0.00
14.40	82.89	2.00	0.00	1.00	0.00	14.41	82.79	2.00	0.00	1.00	0.00
14.42	82.66	2.00	0.00	1.00	0.00	14.43	82.31	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	81.50	2.00	0.00	1.00	0.00	14.45	80.35	2.00	0.00	1.00	0.00
14.46	78.95	2.00	0.00	1.00	0.00	14.47	78.22	2.00	0.00	1.00	0.00
14.48	77.94	2.00	0.00	1.00	0.00	14.49	78.21	2.00	0.00	1.00	0.00
14.50	78.72	1.00	1.10	1.00	0.01	14.51	79.01	1.01	1.10	1.00	0.01
14.52	79.00	1.01	1.10	1.00	0.01	14.53	77.73	2.00	0.00	1.00	0.00
14.54	76.61	2.00	0.00	1.00	0.00	14.55	75.76	2.00	0.00	1.00	0.00
14.56	76.23	2.00	0.00	1.00	0.00	14.57	76.98	2.00	0.00	1.00	0.00
14.58	77.45	2.00	0.00	1.00	0.00	14.59	77.11	2.00	0.00	1.00	0.00
14.60	75.90	2.00	0.00	1.00	0.00	14.61	74.22	2.00	0.00	1.00	0.00
14.62	73.83	2.00	0.00	1.00	0.00	14.63	75.07	2.00	0.00	1.00	0.00
14.64	77.42	2.00	0.00	1.00	0.00	14.65	79.27	2.00	0.00	1.00	0.00
14.66	79.87	2.00	0.00	1.00	0.00	14.67	79.64	2.00	0.00	1.00	0.00
14.68	78.54	2.00	0.00	1.00	0.00	14.69	77.27	2.00	0.00	1.00	0.00
14.70	75.82	2.00	0.00	1.00	0.00	14.71	73.82	2.00	0.00	1.00	0.00
14.72	71.77	2.00	0.00	1.00	0.00	14.73	69.91	2.00	0.00	1.00	0.00
14.74	68.96	2.00	0.00	1.00	0.00	14.75	68.39	2.00	0.00	1.00	0.00
14.76	68.62	2.00	0.00	1.00	0.00	14.77	69.36	2.00	0.00	1.00	0.00
14.78	71.22	2.00	0.00	1.00	0.00	14.79	73.13	2.00	0.00	1.00	0.00
14.80	75.72	2.00	0.00	1.00	0.00	14.81	78.25	2.00	0.00	1.00	0.00
14.82	80.11	2.00	0.00	1.00	0.00	14.83	81.03	2.00	0.00	1.00	0.00
14.84	81.03	2.00	0.00	1.00	0.00	14.85	83.50	2.00	0.00	1.00	0.00
14.86	85.88	2.00	0.00	1.00	0.00	14.87	88.30	2.00	0.00	1.00	0.00
14.88	88.85	2.00	0.00	1.00	0.00	14.89	90.03	1.20	0.43	1.00	0.00
14.90	91.25	1.23	0.43	1.00	0.00	14.91	90.78	1.22	0.43	1.00	0.00
14.92	89.31	1.19	0.44	1.00	0.00	14.93	87.56	1.16	0.44	1.00	0.00
14.94	85.82	1.13	0.61	1.00	0.01	14.95	84.31	1.11	0.62	1.00	0.01
14.96	83.03	1.09	0.62	1.00	0.01	14.97	80.01	1.04	1.09	1.00	0.01
14.98	76.28	0.99	1.14	1.00	0.01	14.99	71.83	0.94	2.56	1.00	0.03
15.00	68.56	0.90	2.74	1.00	0.03	15.01	65.93	2.00	0.00	1.00	0.00
15.02	63.65	2.00	0.00	1.00	0.00	15.03	62.52	2.00	0.00	1.00	0.00
15.04	61.58	2.00	0.00	1.00	0.00	15.05	62.22	2.00	0.00	1.00	0.00
15.06	63.93	2.00	0.00	1.00	0.00	15.07	66.46	2.00	0.00	1.00	0.00
15.08	68.98	2.00	0.00	1.00	0.00	15.09	71.23	2.00	0.00	1.00	0.00
15.10	73.09	2.00	0.00	1.00	0.00	15.11	74.35	2.00	0.00	1.00	0.00
15.12	75.67	2.00	0.00	1.00	0.00	15.13	77.38	2.00	0.00	1.00	0.00
15.14	79.56	2.00	0.00	1.00	0.00	15.15	82.43	2.00	0.00	1.00	0.00
15.16	86.41	2.00	0.00	1.00	0.00	15.17	89.51	2.00	0.00	1.00	0.00
15.18	91.11	2.00	0.00	1.00	0.00	15.19	90.37	2.00	0.00	1.00	0.00
15.20	89.62	2.00	0.00	1.00	0.00	15.21	90.30	2.00	0.00	1.00	0.00
15.22	91.87	2.00	0.00	1.00	0.00	15.23	93.20	2.00	0.00	1.00	0.00
15.24	93.60	2.00	0.00	1.00	0.00	15.25	92.96	2.00	0.00	1.00	0.00
15.26	91.87	2.00	0.00	1.00	0.00	15.27	90.79	2.00	0.00	1.00	0.00
15.28	87.29	2.00	0.00	1.00	0.00	15.29	83.23	2.00	0.00	1.00	0.00
15.30	78.93	2.00	0.00	1.00	0.00	15.31	77.09	2.00	0.00	1.00	0.00
15.32	76.06	2.00	0.00	1.00	0.00	15.33	75.93	2.00	0.00	1.00	0.00
15.34	64.84	2.00	0.00	1.00	0.00	15.35	66.24	2.00	0.00	1.00	0.00
15.36	66.91	2.00	0.00	1.00	0.00	15.37	78.71	2.00	0.00	1.00	0.00
15.38	78.73	2.00	0.00	1.00	0.00	15.39	78.51	2.00	0.00	1.00	0.00





:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.19	2.00	0.00	1.00	0.00	16.37	60.04	2.00	0.00	1.00	0.00
16.38	59.93	2.00	0.00	1.00	0.00	16.39	59.82	2.00	0.00	1.00	0.00
16.40	59.80	2.00	0.00	1.00	0.00	16.41	59.75	2.00	0.00	1.00	0.00
16.42	59.62	2.00	0.00	1.00	0.00	16.43	59.43	2.00	0.00	1.00	0.00
16.44	59.20	2.00	0.00	1.00	0.00	16.45	59.01	2.00	0.00	1.00	0.00
16.46	58.86	2.00	0.00	1.00	0.00	16.47	58.75	2.00	0.00	1.00	0.00
16.48	58.65	2.00	0.00	1.00	0.00	16.49	58.60	2.00	0.00	1.00	0.00
16.50	58.59	2.00	0.00	1.00	0.00	16.51	58.46	2.00	0.00	1.00	0.00
16.52	58.26	2.00	0.00	1.00	0.00	16.53	58.06	2.00	0.00	1.00	0.00
16.54	57.98	2.00	0.00	1.00	0.00	16.55	57.92	2.00	0.00	1.00	0.00
16.56	57.84	2.00	0.00	1.00	0.00	16.57	57.84	2.00	0.00	1.00	0.00
16.58	57.90	2.00	0.00	1.00	0.00	16.59	58.05	2.00	0.00	1.00	0.00
16.60	58.26	2.00	0.00	1.00	0.00	16.61	58.49	2.00	0.00	1.00	0.00
16.62	58.63	2.00	0.00	1.00	0.00	16.63	58.65	2.00	0.00	1.00	0.00
16.64	58.64	2.00	0.00	1.00	0.00	16.65	58.64	2.00	0.00	1.00	0.00
16.66	58.58	2.00	0.00	1.00	0.00	16.67	58.47	2.00	0.00	1.00	0.00
16.68	58.32	2.00	0.00	1.00	0.00	16.69	58.21	2.00	0.00	1.00	0.00
16.70	58.12	2.00	0.00	1.00	0.00	16.71	58.08	2.00	0.00	1.00	0.00
16.72	58.03	2.00	0.00	1.00	0.00	16.73	58.02	2.00	0.00	1.00	0.00
16.74	58.04	2.00	0.00	1.00	0.00	16.75	58.11	2.00	0.00	1.00	0.00
16.76	58.21	2.00	0.00	1.00	0.00	16.77	58.33	2.00	0.00	1.00	0.00
16.78	58.51	2.00	0.00	1.00	0.00	16.79	58.66	2.00	0.00	1.00	0.00
16.80	58.87	2.00	0.00	1.00	0.00	16.81	42.89	2.00	0.00	1.00	0.00
16.82	43.12	2.00	0.00	1.00	0.00	16.83	43.19	2.00	0.00	1.00	0.00
16.84	43.73	2.00	0.00	1.00	0.00	16.85	44.56	2.00	0.00	1.00	0.00
16.86	45.92	2.00	0.00	1.00	0.00	16.87	47.03	2.00	0.00	1.00	0.00
16.88	48.18	2.00	0.00	1.00	0.00	16.89	49.51	2.00	0.00	1.00	0.00
16.90	50.94	2.00	0.00	1.00	0.00	16.91	52.43	2.00	0.00	1.00	0.00
16.92	54.05	2.00	0.00	1.00	0.00	16.93	55.67	2.00	0.00	1.00	0.00
16.94	57.27	2.00	0.00	1.00	0.00	16.95	58.69	2.00	0.00	1.00	0.00
16.96	60.01	2.00	0.00	1.00	0.00	16.97	61.38	2.00	0.00	1.00	0.00
16.98	62.76	2.00	0.00	1.00	0.00	16.99	64.17	2.00	0.00	1.00	0.00
17.00	65.41	2.00	0.00	1.00	0.00	17.01	66.46	2.00	0.00	1.00	0.00
17.02	67.37	2.00	0.00	1.00	0.00	17.03	68.35	2.00	0.00	1.00	0.00
17.04	69.39	2.00	0.00	1.00	0.00	17.05	70.44	2.00	0.00	1.00	0.00
17.06	71.38	2.00	0.00	1.00	0.00	17.07	72.06	2.00	0.00	1.00	0.00
17.08	73.00	2.00	0.00	1.00	0.00	17.09	73.94	2.00	0.00	1.00	0.00
17.10	74.82	2.00	0.00	1.00	0.00	17.11	75.57	2.00	0.00	1.00	0.00
17.12	76.29	2.00	0.00	1.00	0.00	17.13	76.87	2.00	0.00	1.00	0.00
17.14	77.08	2.00	0.00	1.00	0.00	17.15	77.00	2.00	0.00	1.00	0.00
17.16	76.74	2.00	0.00	1.00	0.00	17.17	76.09	2.00	0.00	1.00	0.00
17.18	74.83	2.00	0.00	1.00	0.00	17.19	73.31	2.00	0.00	1.00	0.00
17.20	72.22	2.00	0.00	1.00	0.00	17.21	72.11	2.00	0.00	1.00	0.00
17.22	72.42	2.00	0.00	1.00	0.00	17.23	73.48	2.00	0.00	1.00	0.00
17.24	74.85	2.00	0.00	1.00	0.00	17.25	77.08	2.00	0.00	1.00	0.00
17.26	78.79	2.00	0.00	1.00	0.00	17.27	80.22	2.00	0.00	1.00	0.00
17.28	80.87	2.00	0.00	1.00	0.00	17.29	81.28	2.00	0.00	1.00	0.00
17.30	81.31	2.00	0.00	1.00	0.00	17.31	81.29	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	81.27	2.00	0.00	1.00	0.00	17.33	81.33	2.00	0.00	1.00	0.00
17.34	81.34	2.00	0.00	1.00	0.00	17.35	81.54	2.00	0.00	1.00	0.00
17.36	81.86	2.00	0.00	1.00	0.00	17.37	82.36	2.00	0.00	1.00	0.00
17.38	82.74	2.00	0.00	1.00	0.00	17.39	83.03	2.00	0.00	1.00	0.00
17.40	83.04	2.00	0.00	1.00	0.00	17.41	82.31	2.00	0.00	1.00	0.00
17.42	81.01	2.00	0.00	1.00	0.00	17.43	89.61	2.00	0.00	1.00	0.00
17.44	90.43	2.00	0.00	1.00	0.00	17.45	91.97	2.00	0.00	1.00	0.00
17.46	93.87	2.00	0.00	1.00	0.00	17.47	95.93	2.00	0.00	1.00	0.00
17.48	97.88	2.00	0.00	1.00	0.00	17.49	100.26	2.00	0.00	1.00	0.00
17.50	102.10	2.00	0.00	1.00	0.00	17.51	104.09	2.00	0.00	1.00	0.00
17.52	100.38	2.00	0.00	1.00	0.00	17.53	103.27	2.00	0.00	1.00	0.00
17.54	106.36	2.00	0.00	1.00	0.00	17.55	110.88	2.00	0.00	1.00	0.00
17.56	115.84	2.00	0.00	1.00	0.00	17.57	120.64	2.00	0.00	1.00	0.00
17.58	126.08	2.00	0.00	1.00	0.00	17.59	131.33	2.00	0.00	1.00	0.00
17.60	136.40	2.00	0.00	1.00	0.00	17.61	139.07	2.00	0.00	1.00	0.00
17.62	141.07	2.00	0.00	1.00	0.00	17.63	141.75	2.00	0.00	1.00	0.00
17.64	141.88	2.00	0.00	1.00	0.00	17.65	141.40	2.00	0.00	1.00	0.00
17.66	140.22	2.00	0.00	1.00	0.00	17.67	138.91	2.00	0.00	1.00	0.00
17.68	137.45	2.00	0.00	1.00	0.00	17.69	136.21	2.00	0.00	1.00	0.00
17.70	135.03	2.00	0.00	1.00	0.00	17.71	133.82	2.00	0.00	1.00	0.00
17.72	133.04	2.00	0.00	1.00	0.00	17.73	132.60	2.00	0.00	1.00	0.00
17.74	132.73	2.00	0.00	1.00	0.00	17.75	133.26	2.00	0.00	1.00	0.00
17.76	134.25	2.00	0.00	1.00	0.00	17.77	135.41	2.00	0.00	1.00	0.00
17.78	136.28	2.00	0.00	1.00	0.00	17.79	136.59	2.00	0.00	1.00	0.00
17.80	136.38	2.00	0.00	1.00	0.00	17.81	136.00	2.00	0.00	1.00	0.00
17.82	135.61	2.00	0.00	1.00	0.00	17.83	135.38	2.00	0.00	1.00	0.00
17.84	130.92	2.00	0.00	1.00	0.00	17.85	125.37	2.00	0.00	1.00	0.00
17.86	118.70	2.00	0.00	1.00	0.00	17.87	115.38	2.00	0.00	1.00	0.00
17.88	111.81	2.00	0.00	1.00	0.00	17.89	108.86	2.00	0.00	1.00	0.00
17.90	106.15	2.00	0.00	1.00	0.00	17.91	104.18	2.00	0.00	1.00	0.00
17.92	101.65	2.00	0.00	1.00	0.00	17.93	104.74	2.00	0.00	1.00	0.00
17.94	101.49	2.00	0.00	1.00	0.00	17.95	97.91	2.00	0.00	1.00	0.00
17.96	95.39	2.00	0.00	1.00	0.00	17.97	94.99	2.00	0.00	1.00	0.00
17.98	97.79	2.00	0.00	1.00	0.00	17.99	101.90	2.00	0.00	1.00	0.00
18.00	106.34	2.00	0.00	1.00	0.00	18.01	109.22	2.00	0.00	1.00	0.00
18.02	111.10	2.00	0.00	1.00	0.00	18.03	110.98	2.00	0.00	1.00	0.00
18.04	110.26	2.00	0.00	1.00	0.00	18.05	109.39	2.00	0.00	1.00	0.00
18.06	108.56	2.00	0.00	1.00	0.00	18.07	107.73	2.00	0.00	1.00	0.00
18.08	106.89	2.00	0.00	1.00	0.00	18.09	105.66	2.00	0.00	1.00	0.00
18.10	104.12	2.00	0.00	1.00	0.00	18.11	102.28	2.00	0.00	1.00	0.00
18.12	100.54	2.00	0.00	1.00	0.00	18.13	91.70	2.00	0.00	1.00	0.00
18.14	91.10	2.00	0.00	1.00	0.00	18.15	90.34	2.00	0.00	1.00	0.00
18.16	89.49	2.00	0.00	1.00	0.00	18.17	88.56	2.00	0.00	1.00	0.00
18.18	87.65	2.00	0.00	1.00	0.00	18.19	86.79	2.00	0.00	1.00	0.00
18.20	86.12	2.00	0.00	1.00	0.00	18.21	85.79	2.00	0.00	1.00	0.00
18.22	85.56	2.00	0.00	1.00	0.00	18.23	85.46	2.00	0.00	1.00	0.00
18.24	85.46	2.00	0.00	1.00	0.00	18.25	85.46	2.00	0.00	1.00	0.00
18.26	84.81	2.00	0.00	1.00	0.00	18.27	83.69	2.00	0.00	1.00	0.00



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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	71.31	2.00	0.00	1.00	0.00	19.25	83.80	2.00	0.00	1.00	0.00
19.26	90.39	2.00	0.00	1.00	0.00	19.27	92.50	2.00	0.00	1.00	0.00
19.28	92.92	2.00	0.00	1.00	0.00	19.29	92.31	2.00	0.00	1.00	0.00
19.30	91.04	2.00	0.00	1.00	0.00	19.31	89.46	2.00	0.00	1.00	0.00
19.32	87.08	2.00	0.00	1.00	0.00	19.33	84.49	2.00	0.00	1.00	0.00
19.34	81.75	2.00	0.00	1.00	0.00	19.35	79.86	2.00	0.00	1.00	0.00
19.36	78.76	2.00	0.00	1.00	0.00	19.37	78.31	2.00	0.00	1.00	0.00
19.38	78.28	2.00	0.00	1.00	0.00	19.39	78.72	2.00	0.00	1.00	0.00
19.40	79.38	2.00	0.00	1.00	0.00	19.41	80.40	2.00	0.00	1.00	0.00
19.42	81.77	2.00	0.00	1.00	0.00	19.43	83.27	2.00	0.00	1.00	0.00
19.44	84.64	2.00	0.00	1.00	0.00	19.45	86.50	2.00	0.00	1.00	0.00
19.46	89.43	2.00	0.00	1.00	0.00	19.47	92.72	2.00	0.00	1.00	0.00
19.48	96.47	2.00	0.00	1.00	0.00	19.49	99.44	2.00	0.00	1.00	0.00
19.50	102.92	2.00	0.00	1.00	0.00	19.51	105.58	2.00	0.00	1.00	0.00
19.52	107.90	2.00	0.00	1.00	0.00	19.53	109.59	2.00	0.00	1.00	0.00
19.54	110.56	2.00	0.00	1.00	0.00	19.55	111.24	2.00	0.00	1.00	0.00
19.56	111.32	2.00	0.00	1.00	0.00	19.57	111.28	2.00	0.00	1.00	0.00
19.58	111.19	2.00	0.00	1.00	0.00	19.59	110.92	2.00	0.00	1.00	0.00
19.60	110.60	2.00	0.00	1.00	0.00	19.61	110.13	2.00	0.00	1.00	0.00
19.62	109.73	2.00	0.00	1.00	0.00	19.63	108.97	2.00	0.00	1.00	0.00
19.64	108.05	2.00	0.00	1.00	0.00	19.65	106.14	2.00	0.00	1.00	0.00
19.66	103.36	2.00	0.00	1.00	0.00	19.67	100.23	2.00	0.00	1.00	0.00
19.68	96.51	2.00	0.00	1.00	0.00	19.69	93.13	2.00	0.00	1.00	0.00
19.70	97.40	2.00	0.00	1.00	0.00	19.71	94.73	2.00	0.00	1.00	0.00
19.72	91.39	2.00	0.00	1.00	0.00	19.73	88.11	2.00	0.00	1.00	0.00
19.74	85.65	2.00	0.00	1.00	0.00	19.75	83.46	2.00	0.00	1.00	0.00
19.76	81.42	2.00	0.00	1.00	0.00	19.77	79.23	2.00	0.00	1.00	0.00
19.78	77.74	2.00	0.00	1.00	0.00	19.79	76.34	2.00	0.00	1.00	0.00
19.80	75.44	2.00	0.00	1.00	0.00	19.81	74.87	2.00	0.00	1.00	0.00
19.82	74.68	2.00	0.00	1.00	0.00	19.83	72.98	2.00	0.00	1.00	0.00
19.84	71.19	2.00	0.00	1.00	0.00	19.85	69.05	2.00	0.00	1.00	0.00
19.86	68.46	2.00	0.00	1.00	0.00	19.87	67.74	2.00	0.00	1.00	0.00
19.88	67.17	2.00	0.00	1.00	0.00	19.89	66.72	2.00	0.00	1.00	0.00
19.90	66.40	2.00	0.00	1.00	0.00	19.91	66.38	2.00	0.00	1.00	0.00
19.92	66.54	2.00	0.00	1.00	0.00	19.93	53.67	2.00	0.00	1.00	0.00
19.94	55.36	2.00	0.00	1.00	0.00	19.95	56.79	2.00	0.00	1.00	0.00
19.96	57.64	2.00	0.00	1.00	0.00	19.97	56.62	2.00	0.00	1.00	0.00
19.98	54.65	2.00	0.00	1.00	0.00	19.99	51.63	2.00	0.00	1.00	0.00
20.00	62.43	2.00	0.00	1.00	0.00	20.01	60.42	2.00	0.00	1.00	0.00
20.02	59.83	2.00	0.00	1.00	0.00	20.03	61.70	2.00	0.00	1.00	0.00
20.04	65.06	2.00	0.00	1.00	0.00	20.05	69.35	2.00	0.00	1.00	0.00
20.06	73.33	2.00	0.00	1.00	0.00	20.07	77.93	2.00	0.00	1.00	0.00
20.08	82.06	2.00	0.00	1.00	0.00	20.09	85.30	2.00	0.00	1.00	0.00
20.10	87.58	2.00	0.00	1.00	0.00	20.11	89.99	2.00	0.00	1.00	0.00
20.12	92.27	2.00	0.00	1.00	0.00	20.13	94.09	2.00	0.00	1.00	0.00
20.14	94.92	2.00	0.00	1.00	0.00	20.15	95.14	2.00	0.00	1.00	0.00
20.16	94.73	2.00	0.00	1.00	0.00	20.17	94.28	2.00	0.00	1.00	0.00
20.18	93.88	2.00	0.00	1.00	0.00	20.19	93.45	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	92.33	2.00	0.00	1.00	0.00	20.21	90.61	2.00	0.00	1.00	0.00
20.22	88.50	2.00	0.00	1.00	0.00	20.23	85.60	2.00	0.00	1.00	0.00
20.24	82.67	2.00	0.00	1.00	0.00	20.25	80.07	2.00	0.00	1.00	0.00
20.26	79.00	2.00	0.00	1.00	0.00	20.27	78.68	2.00	0.00	1.00	0.00
20.28	79.21	2.00	0.00	1.00	0.00	20.29	80.72	2.00	0.00	1.00	0.00
20.30	83.65	2.00	0.00	1.00	0.00	20.31	86.99	2.00	0.00	1.00	0.00
20.32	90.27	2.00	0.00	1.00	0.00	20.33	92.64	2.00	0.00	1.00	0.00
20.34	94.83	2.00	0.00	1.00	0.00	20.35	98.28	2.00	0.00	1.00	0.00
20.36	101.73	2.00	0.00	1.00	0.00	20.37	104.84	2.00	0.00	1.00	0.00
20.38	106.85	2.00	0.00	1.00	0.00	20.39	108.49	2.00	0.00	1.00	0.00
20.40	109.91	2.00	0.00	1.00	0.00	20.41	110.71	2.00	0.00	1.00	0.00
20.42	111.22	2.00	0.00	1.00	0.00	20.43	111.62	2.00	0.00	1.00	0.00
20.44	112.05	2.00	0.00	1.00	0.00	20.45	112.49	2.00	0.00	1.00	0.00
20.46	112.75	2.00	0.00	1.00	0.00	20.47	112.51	2.00	0.00	1.00	0.00
20.48	111.91	2.00	0.00	1.00	0.00	20.49	111.16	2.00	0.00	1.00	0.00
20.50	110.54	2.00	0.00	1.00	0.00	20.51	110.00	2.00	0.00	1.00	0.00
20.52	109.50	2.00	0.00	1.00	0.00	20.53	109.16	2.00	0.00	1.00	0.00
20.54	108.71	2.00	0.00	1.00	0.00	20.55	108.07	2.00	0.00	1.00	0.00
20.56	107.13	2.00	0.00	1.00	0.00	20.57	106.24	2.00	0.00	1.00	0.00
20.58	105.47	2.00	0.00	1.00	0.00	20.59	104.42	2.00	0.00	1.00	0.00
20.60	103.54	2.00	0.00	1.00	0.00	20.61	102.67	2.00	0.00	1.00	0.00
20.62	102.40	2.00	0.00	1.00	0.00						

**Total estimated settlement: 0.94**

**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**

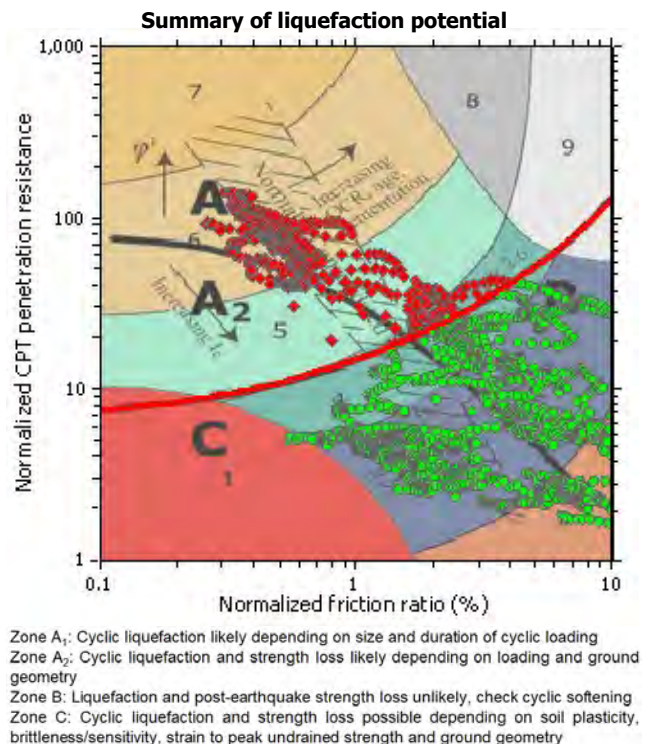
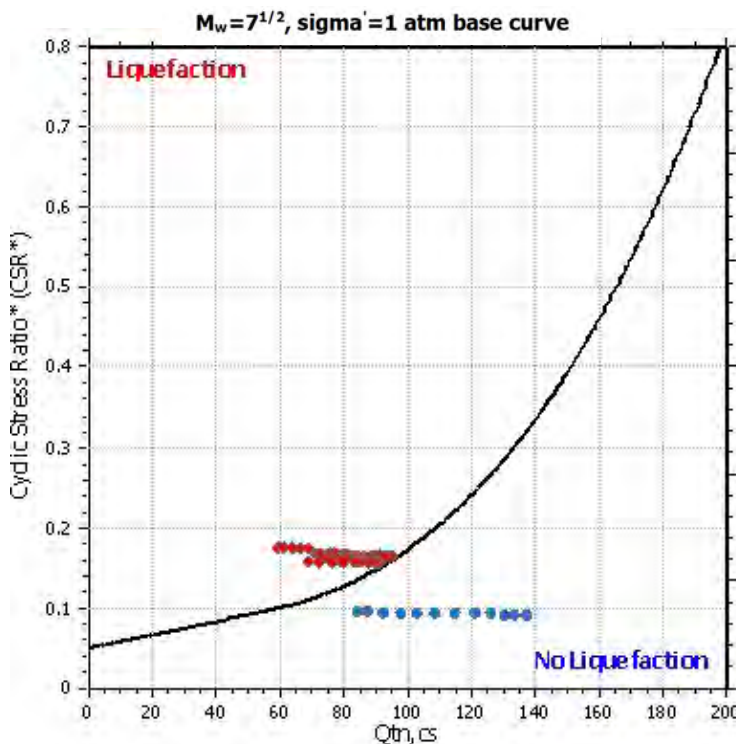
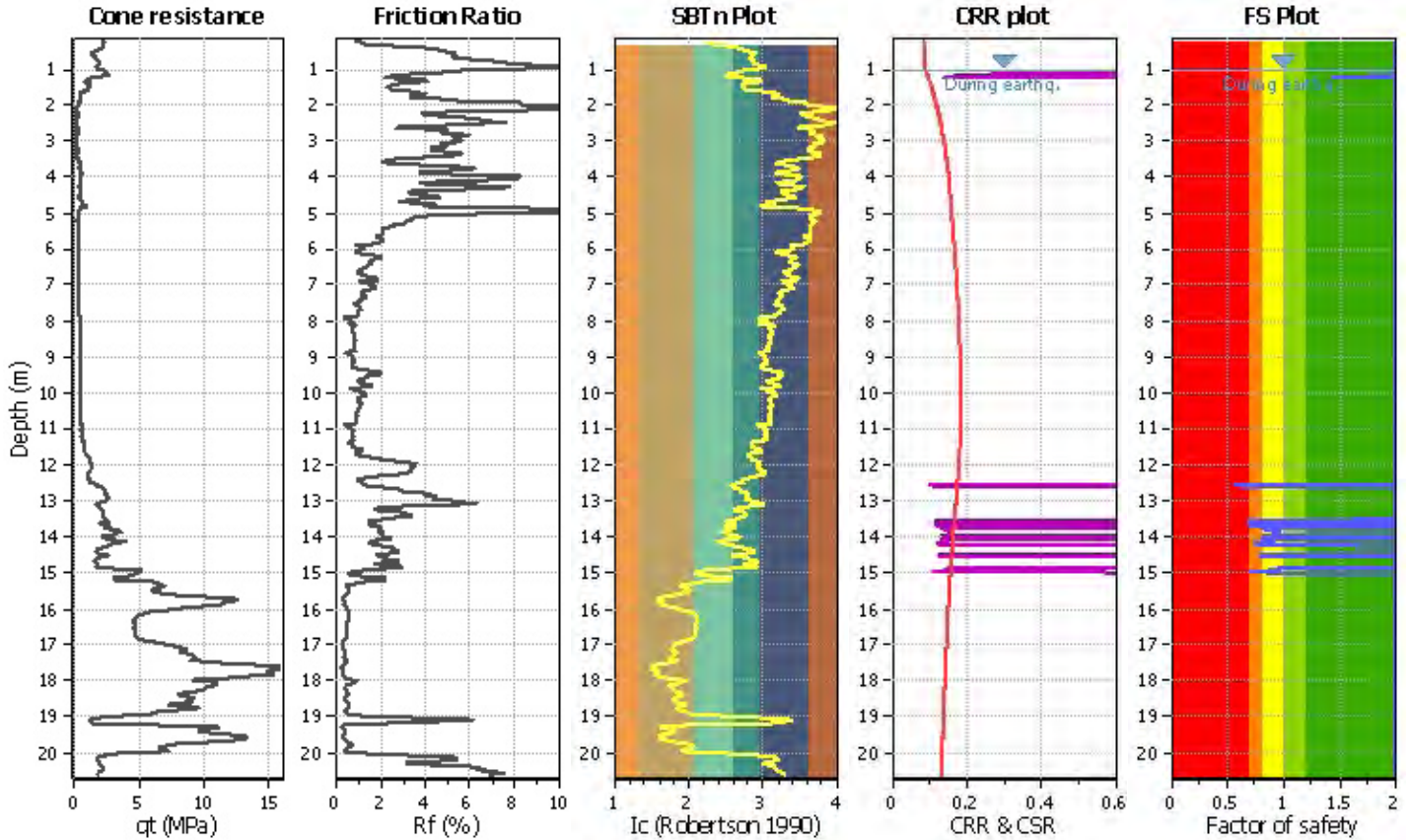
**Project title :**

**Location :**

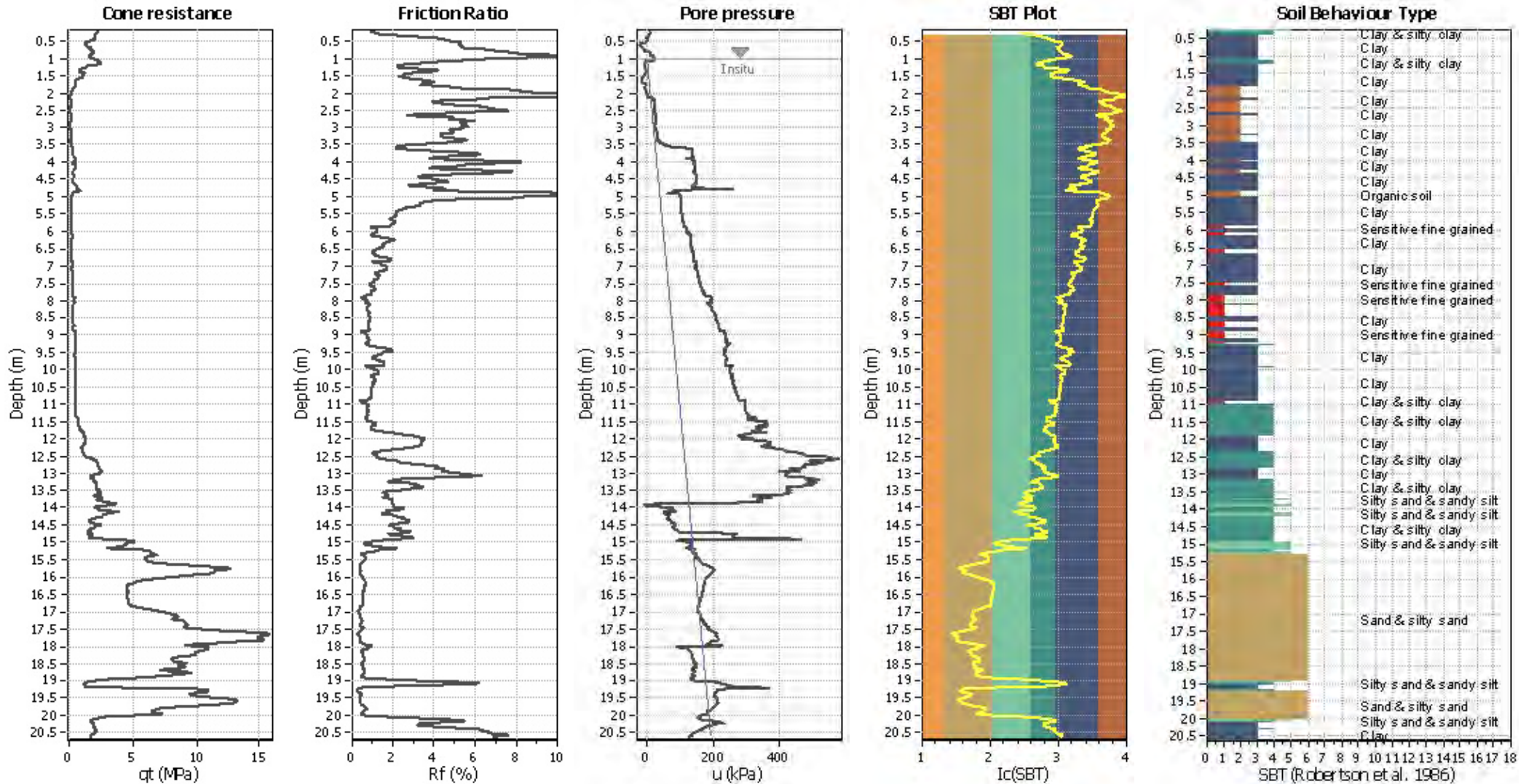
**CPT file : CPTU1 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.50	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



#### Input parameters and analysis data

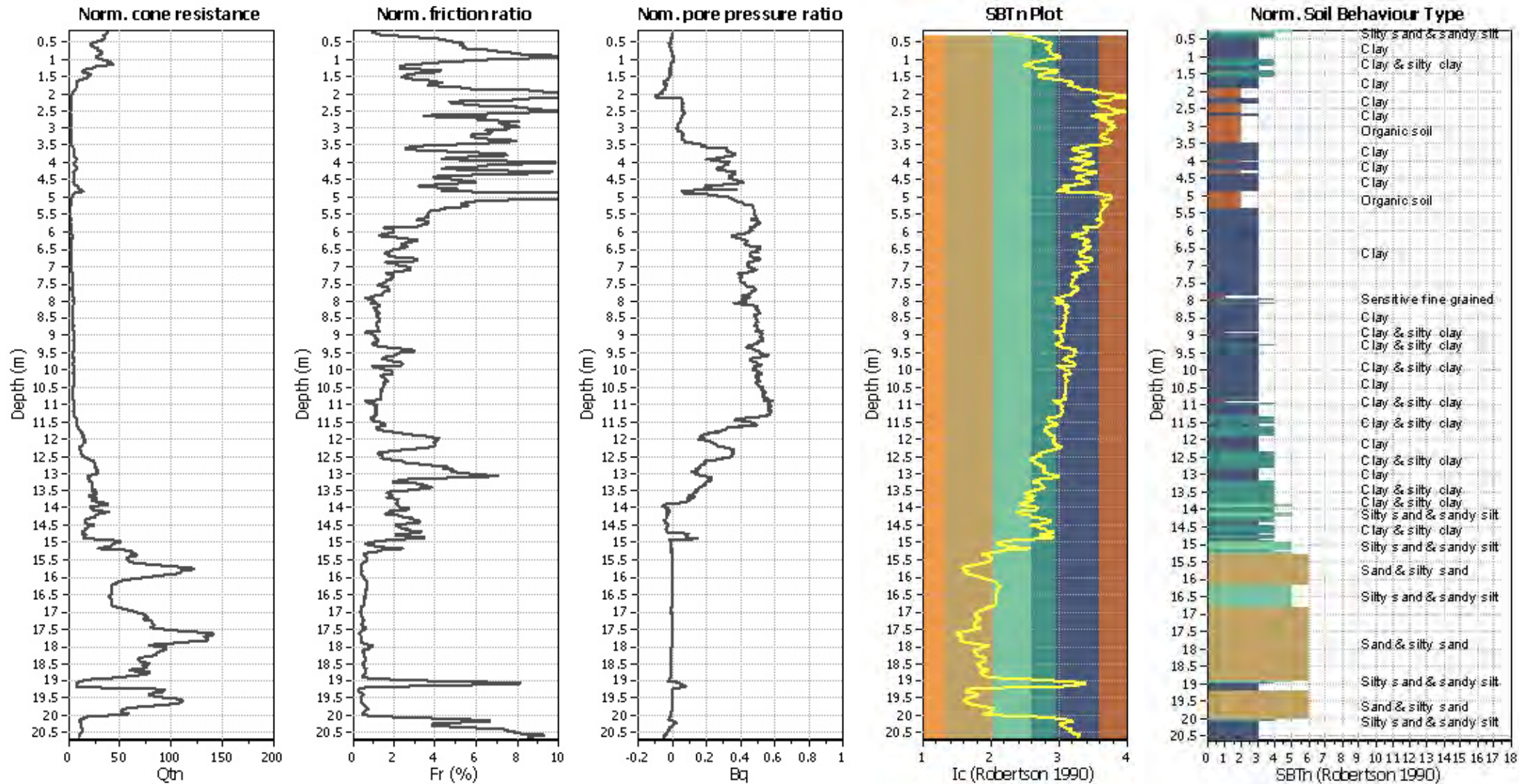
Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 clay
3. Clay to silty clay	6. Clean sand to silty sand	9. Very stiff fine grained



### CPT basic interpretation plots (normaliz



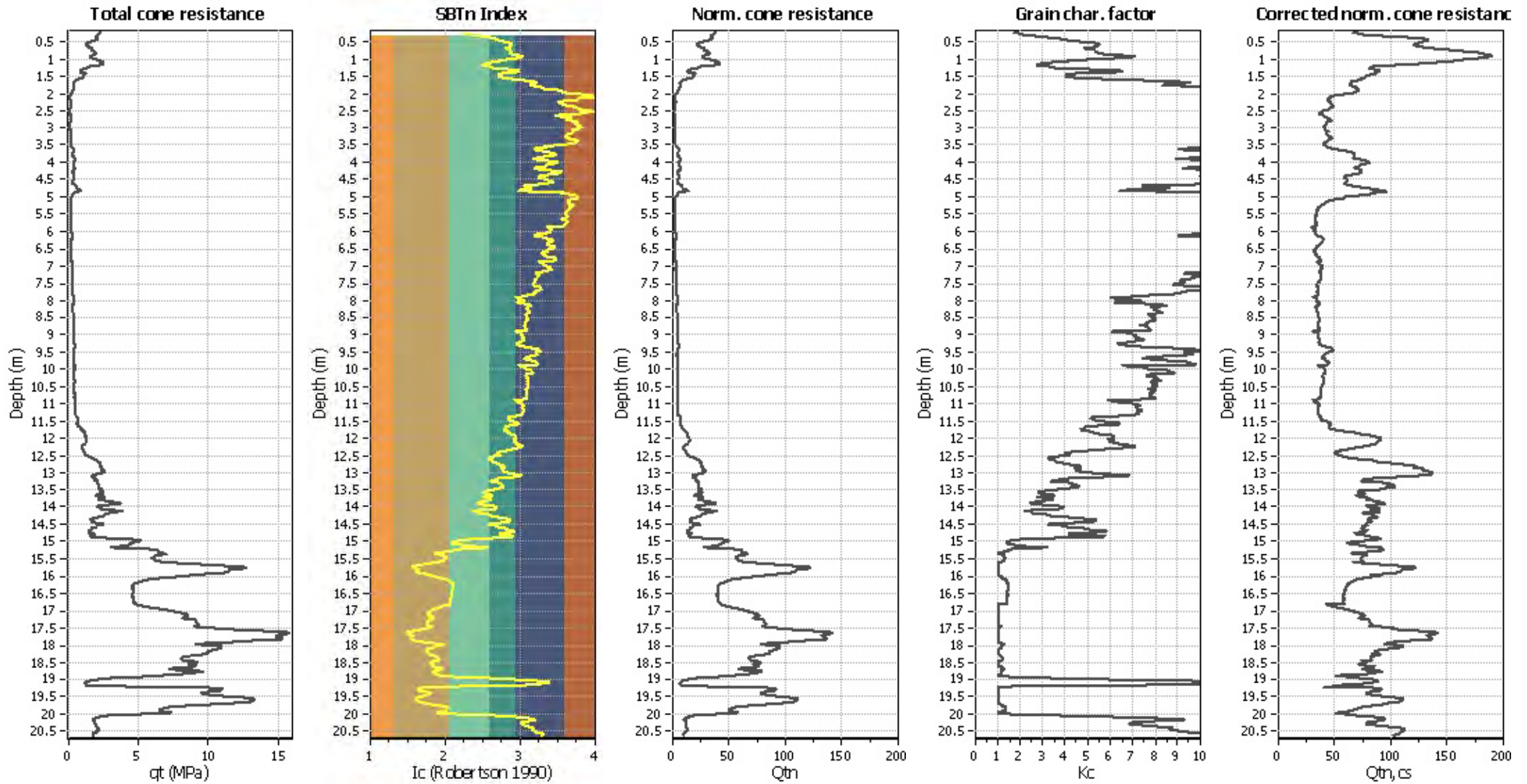
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

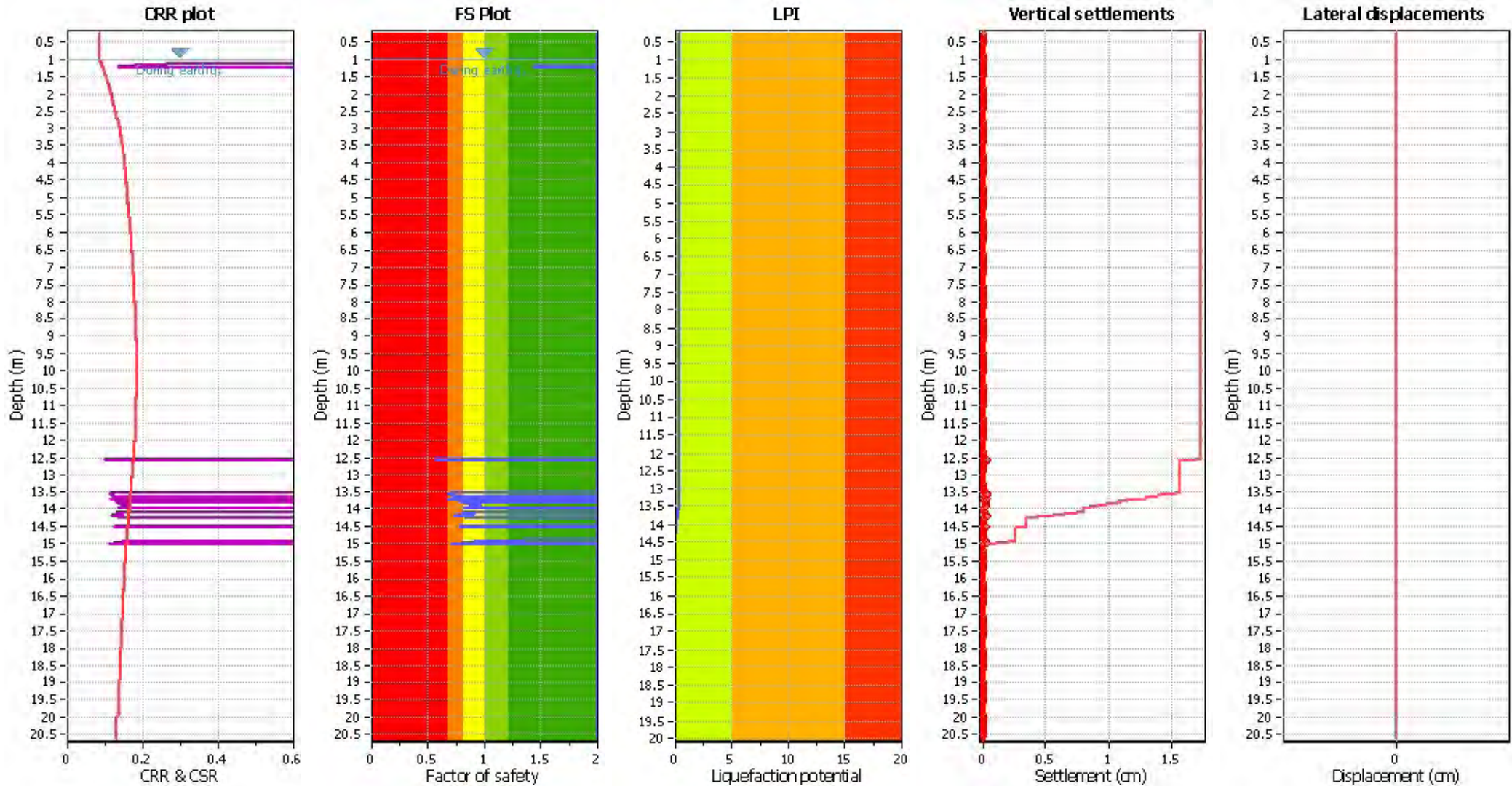
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_{cs}$ applied:	Yes
Earthquake magnitude $M_w$ :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

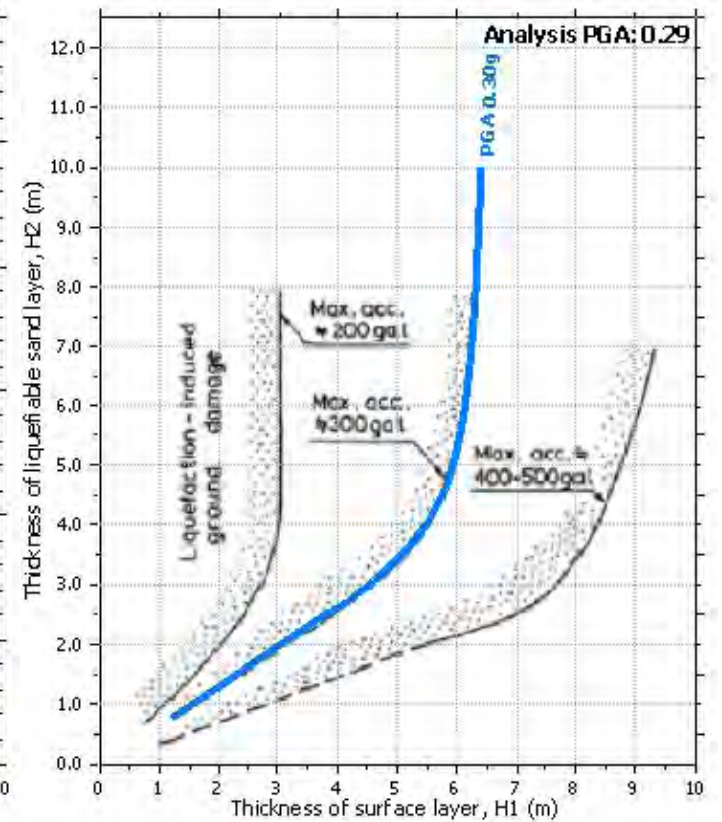
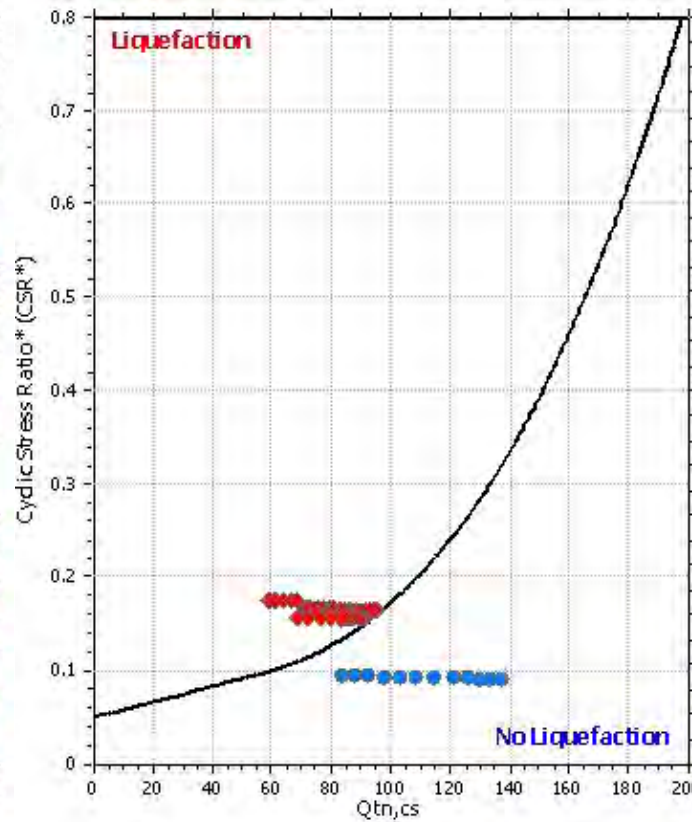
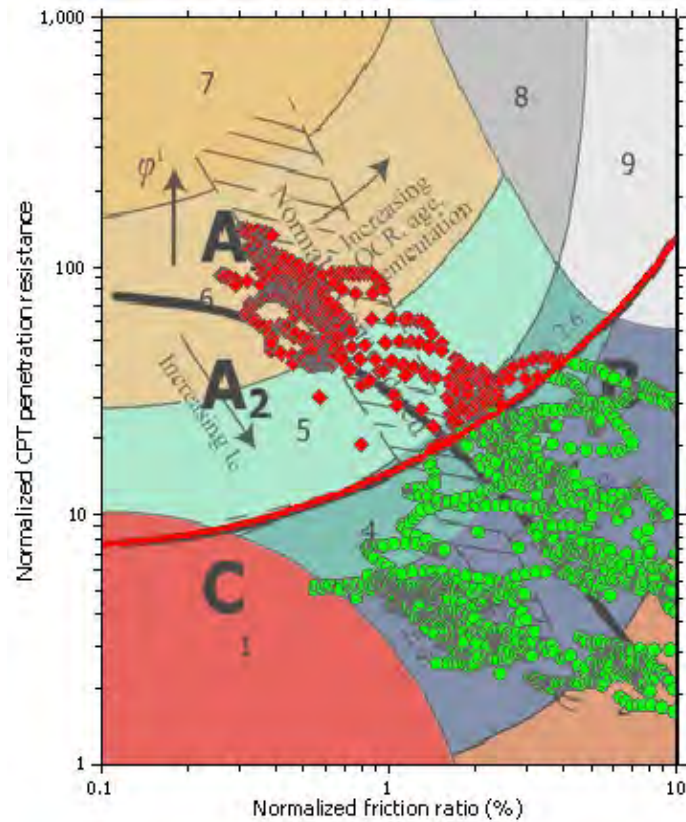
**F.S. color scheme**

- 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

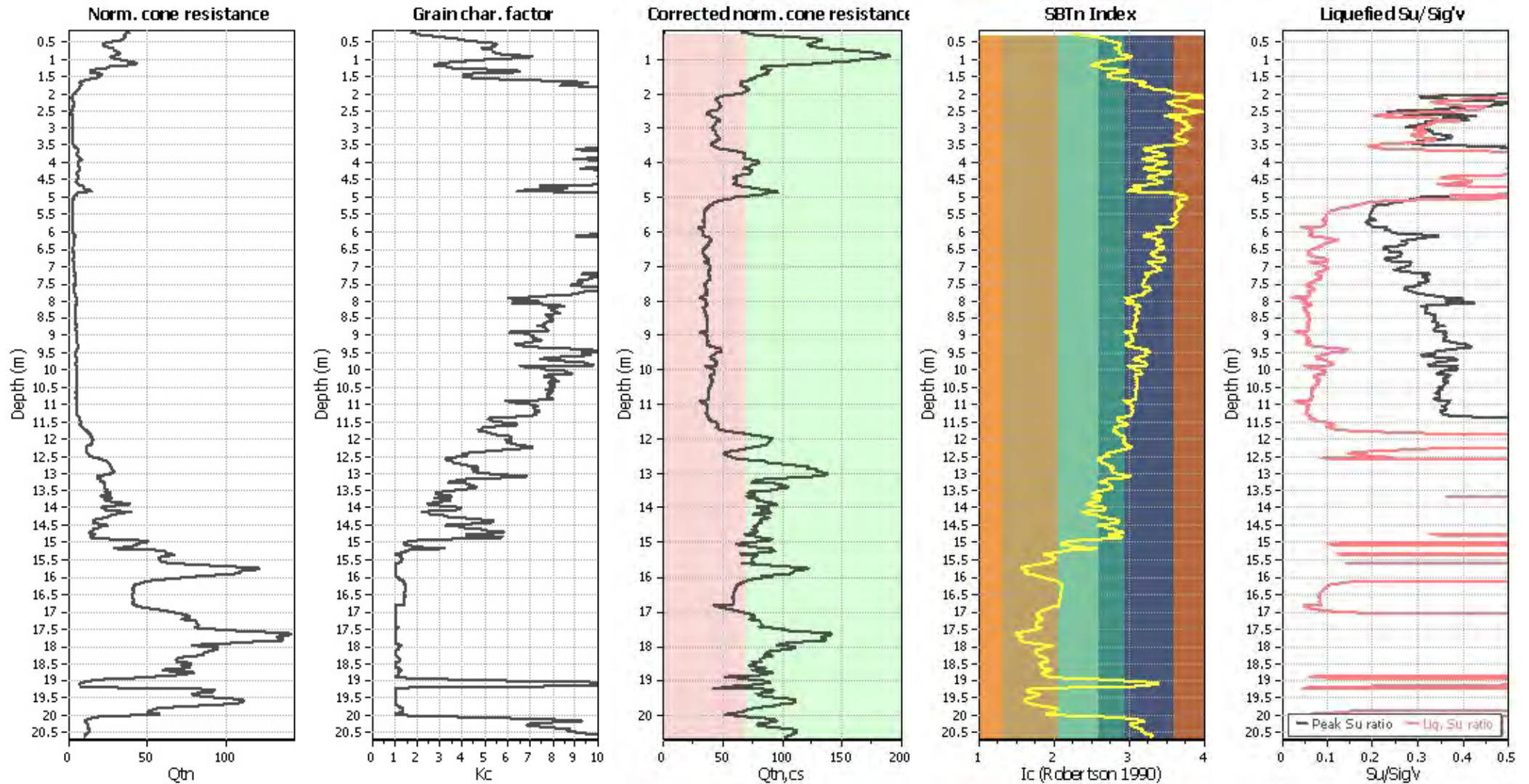
### Liquefaction analysis summary plo



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	1.97	0.00	9.40	0.01	0.00	1.20	1.80	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	1.65	0.00	9.39	0.01	0.00	1.22	1.52	0.00	9.39	0.01	0.00
1.23	1.44	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	0.57	0.43	3.72	0.01	0.02
12.57	0.58	0.42	3.71	0.01	0.02	12.58	0.59	0.41	3.71	0.01	0.02
12.59	0.61	0.39	3.71	0.01	0.01	12.60	0.63	0.37	3.70	0.01	0.01
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	0.73	0.27	3.23	0.01	0.01	13.54	0.69	0.31	3.23	0.01	0.01
13.55	0.68	0.32	3.23	0.01	0.01	13.56	0.68	0.32	3.22	0.01	0.01
13.57	0.69	0.31	3.21	0.01	0.01	13.58	0.71	0.29	3.21	0.01	0.01
13.59	0.73	0.27	3.21	0.01	0.01	13.60	0.74	0.26	3.20	0.01	0.01
13.61	0.72	0.28	3.19	0.01	0.01	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	0.68	0.32	3.17	0.01	0.01	13.68	0.69	0.31	3.16	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	0.70	0.30	3.15	0.01	0.01	13.70	0.72	0.28	3.15	0.01	0.01
13.71	0.74	0.26	3.15	0.01	0.01	13.72	0.76	0.24	3.14	0.01	0.01
13.73	0.77	0.23	3.13	0.01	0.01	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	0.80	0.20	3.10	0.01	0.01	13.80	0.82	0.18	3.10	0.01	0.01
13.81	0.85	0.15	3.10	0.01	0.00	13.82	0.87	0.13	3.09	0.01	0.00
13.83	0.90	0.10	3.08	0.01	0.00	13.84	0.90	0.10	3.08	0.01	0.00
13.85	0.92	0.08	3.08	0.01	0.00	13.86	0.94	0.06	3.07	0.01	0.00
13.87	0.96	0.04	3.06	0.01	0.00	13.88	0.96	0.04	3.06	0.01	0.00
13.89	0.97	0.03	3.06	0.01	0.00	13.90	0.97	0.03	3.05	0.01	0.00
13.91	0.94	0.06	3.04	0.01	0.00	13.92	0.89	0.11	3.04	0.01	0.00
13.93	0.85	0.15	3.04	0.01	0.00	13.94	0.82	0.18	3.03	0.01	0.01
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	0.81	0.19	2.96	0.01	0.01	14.08	0.81	0.19	2.96	0.01	0.01
14.09	0.83	0.17	2.96	0.01	0.00	14.10	0.86	0.14	2.95	0.01	0.00
14.11	0.88	0.12	2.94	0.01	0.00	14.12	0.90	0.10	2.94	0.01	0.00
14.13	0.91	0.09	2.94	0.01	0.00	14.14	0.90	0.10	2.93	0.01	0.00
14.15	0.85	0.15	2.92	0.01	0.00	14.16	0.78	0.22	2.92	0.01	0.01
14.17	0.74	0.26	2.92	0.01	0.01	14.18	0.74	0.26	2.91	0.01	0.01
14.19	0.77	0.23	2.90	0.01	0.01	14.20	0.80	0.20	2.90	0.01	0.01
14.21	0.84	0.16	2.90	0.01	0.00	14.22	0.84	0.16	2.89	0.01	0.00
14.23	0.83	0.17	2.88	0.01	0.00	14.24	0.83	0.17	2.88	0.01	0.00
14.25	2.00	0.00	2.88	0.01	0.00	14.26	2.00	0.00	2.87	0.01	0.00
14.27	2.00	0.00	2.87	0.01	0.00	14.28	2.00	0.00	2.86	0.01	0.00
14.29	2.00	0.00	2.85	0.01	0.00	14.30	2.00	0.00	2.85	0.01	0.00
14.31	2.00	0.00	2.85	0.01	0.00	14.32	2.00	0.00	2.84	0.01	0.00
14.33	2.00	0.00	2.83	0.01	0.00	14.34	2.00	0.00	2.83	0.01	0.00
14.35	2.00	0.00	2.83	0.01	0.00	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	0.79	0.21	2.75	0.01	0.01
14.51	0.79	0.21	2.75	0.01	0.01	14.52	0.79	0.21	2.74	0.01	0.01
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	0.94	0.06	2.56	0.01	0.00	14.90	0.96	0.04	2.55	0.01	0.00
14.91	0.96	0.04	2.54	0.01	0.00	14.92	0.93	0.07	2.54	0.01	0.00
14.93	0.91	0.09	2.54	0.01	0.00	14.94	0.89	0.11	2.53	0.01	0.00
14.95	0.87	0.13	2.52	0.01	0.00	14.96	0.85	0.15	2.52	0.01	0.00
14.97	0.82	0.18	2.52	0.01	0.00	14.98	0.78	0.22	2.51	0.01	0.01
14.99	0.73	0.27	2.50	0.01	0.01	15.00	0.71	0.29	2.50	0.01	0.01
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00
20.13	2.00	0.00	0.00	0.00	0.00	20.14	2.00	0.00	0.00	0.00	0.00
20.15	2.00	0.00	0.00	0.00	0.00	20.16	2.00	0.00	0.00	0.00	0.00
20.17	2.00	0.00	0.00	0.00	0.00	20.18	2.00	0.00	0.00	0.00	0.00
20.19	2.00	0.00	0.00	0.00	0.00	20.20	2.00	0.00	0.00	0.00	0.00
20.21	2.00	0.00	0.00	0.00	0.00	20.22	2.00	0.00	0.00	0.00	0.00
20.23	2.00	0.00	0.00	0.00	0.00	20.24	2.00	0.00	0.00	0.00	0.00
20.25	2.00	0.00	0.00	0.00	0.00	20.26	2.00	0.00	0.00	0.00	0.00
20.27	2.00	0.00	0.00	0.00	0.00	20.28	2.00	0.00	0.00	0.00	0.00
20.29	2.00	0.00	0.00	0.00	0.00	20.30	2.00	0.00	0.00	0.00	0.00
20.31	2.00	0.00	0.00	0.00	0.00	20.32	2.00	0.00	0.00	0.00	0.00
20.33	2.00	0.00	0.00	0.00	0.00	20.34	2.00	0.00	0.00	0.00	0.00
20.35	2.00	0.00	0.00	0.00	0.00	20.36	2.00	0.00	0.00	0.00	0.00
20.37	2.00	0.00	0.00	0.00	0.00	20.38	2.00	0.00	0.00	0.00	0.00
20.39	2.00	0.00	0.00	0.00	0.00	20.40	2.00	0.00	0.00	0.00	0.00

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

Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
20.41	2.00	0.00	0.00	0.00	0.00	20.42	2.00	0.00	0.00	0.00	0.00
20.43	2.00	0.00	0.00	0.00	0.00	20.44	2.00	0.00	0.00	0.00	0.00
20.45	2.00	0.00	0.00	0.00	0.00	20.46	2.00	0.00	0.00	0.00	0.00
20.47	2.00	0.00	0.00	0.00	0.00	20.48	2.00	0.00	0.00	0.00	0.00
20.49	2.00	0.00	0.00	0.00	0.00	20.50	2.00	0.00	0.00	0.00	0.00
20.51	2.00	0.00	0.00	0.00	0.00	20.52	2.00	0.00	0.00	0.00	0.00
20.53	2.00	0.00	0.00	0.00	0.00	20.54	2.00	0.00	0.00	0.00	0.00
20.55	2.00	0.00	0.00	0.00	0.00	20.56	2.00	0.00	0.00	0.00	0.00
20.57	2.00	0.00	0.00	0.00	0.00	20.58	2.00	0.00	0.00	0.00	0.00
20.59	2.00	0.00	0.00	0.00	0.00	20.60	2.00	0.00	0.00	0.00	0.00
20.61	2.00	0.00	0.00	0.00	0.00	20.62	2.00	0.00	0.00	0.00	0.00

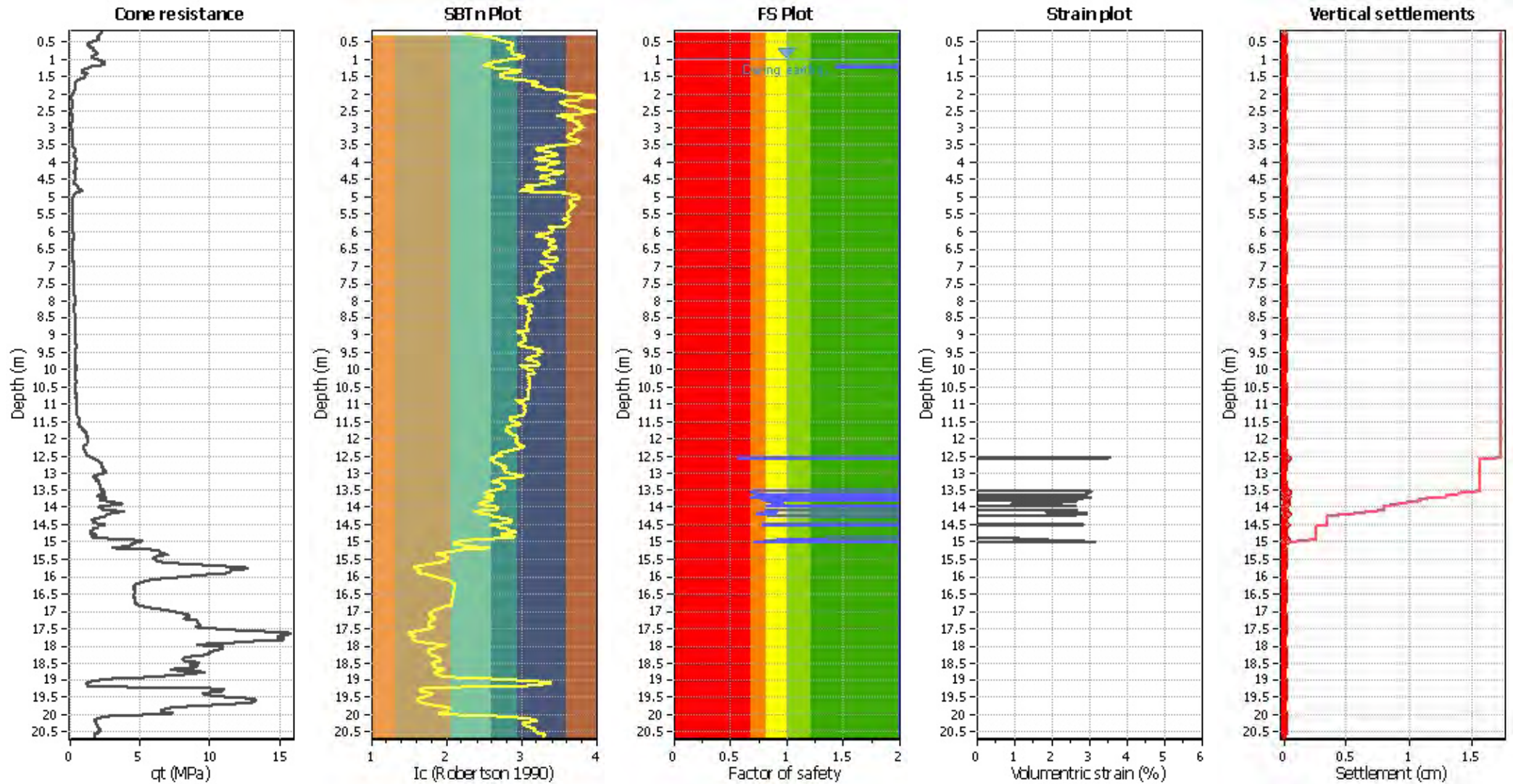
**Overall liquefaction potential: 0.42**

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<sub>L</sub>: 1 - FS  
w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
d<sub>z</sub>: Layer thickness (m)  
LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- q<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	172.27	2.00	0.00	1.00	0.00	1.01	169.02	2.00	0.00	1.00	0.00
1.02	165.53	2.00	0.00	1.00	0.00	1.03	162.29	2.00	0.00	1.00	0.00
1.04	159.82	2.00	0.00	1.00	0.00	1.05	158.32	2.00	0.00	1.00	0.00
1.06	157.01	2.00	0.00	1.00	0.00	1.07	155.36	2.00	0.00	1.00	0.00
1.08	152.64	2.00	0.00	1.00	0.00	1.09	149.46	2.00	0.00	1.00	0.00
1.10	145.22	2.00	0.00	1.00	0.00	1.11	141.32	2.00	0.00	1.00	0.00
1.12	137.31	2.00	0.00	1.00	0.00	1.13	133.80	2.00	0.00	1.00	0.00
1.14	130.49	2.00	0.00	1.00	0.00	1.15	126.10	2.00	0.00	1.00	0.00
1.16	121.36	2.00	0.00	1.00	0.00	1.17	114.74	2.00	0.00	1.00	0.00
1.18	109.02	2.00	0.00	1.00	0.00	1.19	103.27	1.97	0.00	1.00	0.00
1.20	97.96	1.80	0.00	1.00	0.00	1.21	92.66	1.65	0.00	1.00	0.00
1.22	87.61	1.52	0.00	1.00	0.00	1.23	84.14	1.44	0.00	1.00	0.00
1.24	81.88	2.00	0.00	1.00	0.00	1.25	81.21	2.00	0.00	1.00	0.00
1.26	82.23	2.00	0.00	1.00	0.00	1.27	84.24	2.00	0.00	1.00	0.00
1.28	86.11	2.00	0.00	1.00	0.00	1.29	87.73	2.00	0.00	1.00	0.00
1.30	88.91	2.00	0.00	1.00	0.00	1.31	89.85	2.00	0.00	1.00	0.00
1.32	90.25	2.00	0.00	1.00	0.00	1.33	89.52	2.00	0.00	1.00	0.00
1.34	88.64	2.00	0.00	1.00	0.00	1.35	87.56	2.00	0.00	1.00	0.00
1.36	87.12	2.00	0.00	1.00	0.00	1.37	86.41	2.00	0.00	1.00	0.00
1.38	85.81	2.00	0.00	1.00	0.00	1.39	85.62	2.00	0.00	1.00	0.00
1.40	86.23	2.00	0.00	1.00	0.00	1.41	87.22	2.00	0.00	1.00	0.00
1.42	86.99	2.00	0.00	1.00	0.00	1.43	85.29	2.00	0.00	1.00	0.00
1.44	83.57	2.00	0.00	1.00	0.00	1.45	81.94	2.00	0.00	1.00	0.00
1.46	80.64	2.00	0.00	1.00	0.00	1.47	79.03	2.00	0.00	1.00	0.00
1.48	78.09	2.00	0.00	1.00	0.00	1.49	77.70	2.00	0.00	1.00	0.00
1.50	77.11	2.00	0.00	1.00	0.00	1.51	76.62	2.00	0.00	1.00	0.00
1.52	76.87	2.00	0.00	1.00	0.00	1.53	77.51	2.00	0.00	1.00	0.00
1.54	77.07	2.00	0.00	1.00	0.00	1.55	75.51	2.00	0.00	1.00	0.00
1.56	73.78	2.00	0.00	1.00	0.00	1.57	73.41	2.00	0.00	1.00	0.00
1.58	74.07	2.00	0.00	1.00	0.00	1.59	74.62	2.00	0.00	1.00	0.00
1.60	73.83	2.00	0.00	1.00	0.00	1.61	72.10	2.00	0.00	1.00	0.00
1.62	69.80	2.00	0.00	1.00	0.00	1.63	68.09	2.00	0.00	1.00	0.00
1.64	66.67	2.00	0.00	1.00	0.00	1.65	66.02	2.00	0.00	1.00	0.00
1.66	65.86	2.00	0.00	1.00	0.00	1.67	65.78	2.00	0.00	1.00	0.00
1.68	65.50	2.00	0.00	1.00	0.00	1.69	65.22	2.00	0.00	1.00	0.00
1.70	64.78	2.00	0.00	1.00	0.00	1.71	64.62	2.00	0.00	1.00	0.00
1.72	64.51	2.00	0.00	1.00	0.00	1.73	64.81	2.00	0.00	1.00	0.00
1.74	64.78	2.00	0.00	1.00	0.00	1.75	64.61	2.00	0.00	1.00	0.00
1.76	64.54	2.00	0.00	1.00	0.00	1.77	65.10	2.00	0.00	1.00	0.00
1.78	65.95	2.00	0.00	1.00	0.00	1.79	67.06	2.00	0.00	1.00	0.00
1.80	67.94	2.00	0.00	1.00	0.00	1.81	68.57	2.00	0.00	1.00	0.00
1.82	69.10	2.00	0.00	1.00	0.00	1.83	69.69	2.00	0.00	1.00	0.00
1.84	70.35	2.00	0.00	1.00	0.00	1.85	70.66	2.00	0.00	1.00	0.00
1.86	70.74	2.00	0.00	1.00	0.00	1.87	71.18	2.00	0.00	1.00	0.00
1.88	71.64	2.00	0.00	1.00	0.00	1.89	71.77	2.00	0.00	1.00	0.00
1.90	71.57	2.00	0.00	1.00	0.00	1.91	71.14	2.00	0.00	1.00	0.00
1.92	70.80	2.00	0.00	1.00	0.00	1.93	70.46	2.00	0.00	1.00	0.00
1.94	70.06	2.00	0.00	1.00	0.00	1.95	69.58	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	68.65	2.00	0.00	1.00	0.00	1.97	67.79	2.00	0.00	1.00	0.00
1.98	67.07	2.00	0.00	1.00	0.00	1.99	66.48	2.00	0.00	1.00	0.00
2.00	65.47	2.00	0.00	1.00	0.00	2.01	63.90	2.00	0.00	1.00	0.00
2.02	61.97	2.00	0.00	1.00	0.00	2.03	59.16	2.00	0.00	1.00	0.00
2.04	56.01	2.00	0.00	1.00	0.00	2.05	52.99	2.00	0.00	1.00	0.00
2.06	51.42	2.00	0.00	1.00	0.00	2.07	50.38	2.00	0.00	1.00	0.00
2.08	49.31	2.00	0.00	1.00	0.00	2.09	47.73	2.00	0.00	1.00	0.00
2.10	46.58	2.00	0.00	1.00	0.00	2.11	46.02	2.00	0.00	1.00	0.00
2.12	45.79	2.00	0.00	1.00	0.00	2.13	45.68	2.00	0.00	1.00	0.00
2.14	45.43	2.00	0.00	1.00	0.00	2.15	45.03	2.00	0.00	1.00	0.00
2.16	44.43	2.00	0.00	1.00	0.00	2.17	43.85	2.00	0.00	1.00	0.00
2.18	43.92	2.00	0.00	1.00	0.00	2.19	44.05	2.00	0.00	1.00	0.00
2.20	44.70	2.00	0.00	1.00	0.00	2.21	45.35	2.00	0.00	1.00	0.00
2.22	45.80	2.00	0.00	1.00	0.00	2.23	46.09	2.00	0.00	1.00	0.00
2.24	46.09	2.00	0.00	1.00	0.00	2.25	46.09	2.00	0.00	1.00	0.00
2.26	46.02	2.00	0.00	1.00	0.00	2.27	46.18	2.00	0.00	1.00	0.00
2.28	46.64	2.00	0.00	1.00	0.00	2.29	47.11	2.00	0.00	1.00	0.00
2.30	47.44	2.00	0.00	1.00	0.00	2.31	47.64	2.00	0.00	1.00	0.00
2.32	47.75	2.00	0.00	1.00	0.00	2.33	48.04	2.00	0.00	1.00	0.00
2.34	48.17	2.00	0.00	1.00	0.00	2.35	48.22	2.00	0.00	1.00	0.00
2.36	48.14	2.00	0.00	1.00	0.00	2.37	48.11	2.00	0.00	1.00	0.00
2.38	48.14	2.00	0.00	1.00	0.00	2.39	48.07	2.00	0.00	1.00	0.00
2.40	47.69	2.00	0.00	1.00	0.00	2.41	47.29	2.00	0.00	1.00	0.00
2.42	46.61	2.00	0.00	1.00	0.00	2.43	46.27	2.00	0.00	1.00	0.00
2.44	45.85	2.00	0.00	1.00	0.00	2.45	45.74	2.00	0.00	1.00	0.00
2.46	45.22	2.00	0.00	1.00	0.00	2.47	44.68	2.00	0.00	1.00	0.00
2.48	43.09	2.00	0.00	1.00	0.00	2.49	41.25	2.00	0.00	1.00	0.00
2.50	39.24	2.00	0.00	1.00	0.00	2.51	38.13	2.00	0.00	1.00	0.00
2.52	38.06	2.00	0.00	1.00	0.00	2.53	37.94	2.00	0.00	1.00	0.00
2.54	37.93	2.00	0.00	1.00	0.00	2.55	37.34	2.00	0.00	1.00	0.00
2.56	36.80	2.00	0.00	1.00	0.00	2.57	36.32	2.00	0.00	1.00	0.00
2.58	36.49	2.00	0.00	1.00	0.00	2.59	36.75	2.00	0.00	1.00	0.00
2.60	37.94	2.00	0.00	1.00	0.00	2.61	38.76	2.00	0.00	1.00	0.00
2.62	39.58	2.00	0.00	1.00	0.00	2.63	39.69	2.00	0.00	1.00	0.00
2.64	39.87	2.00	0.00	1.00	0.00	2.65	40.16	2.00	0.00	1.00	0.00
2.66	40.61	2.00	0.00	1.00	0.00	2.67	41.17	2.00	0.00	1.00	0.00
2.68	41.81	2.00	0.00	1.00	0.00	2.69	42.47	2.00	0.00	1.00	0.00
2.70	43.50	2.00	0.00	1.00	0.00	2.71	44.61	2.00	0.00	1.00	0.00
2.72	45.73	2.00	0.00	1.00	0.00	2.73	46.08	2.00	0.00	1.00	0.00
2.74	46.34	2.00	0.00	1.00	0.00	2.75	46.47	2.00	0.00	1.00	0.00
2.76	46.94	2.00	0.00	1.00	0.00	2.77	47.36	2.00	0.00	1.00	0.00
2.78	47.57	2.00	0.00	1.00	0.00	2.79	47.65	2.00	0.00	1.00	0.00
2.80	46.84	2.00	0.00	1.00	0.00	2.81	45.54	2.00	0.00	1.00	0.00
2.82	43.99	2.00	0.00	1.00	0.00	2.83	43.40	2.00	0.00	1.00	0.00
2.84	43.34	2.00	0.00	1.00	0.00	2.85	43.52	2.00	0.00	1.00	0.00
2.86	43.57	2.00	0.00	1.00	0.00	2.87	43.65	2.00	0.00	1.00	0.00
2.88	43.23	2.00	0.00	1.00	0.00	2.89	42.84	2.00	0.00	1.00	0.00
2.90	42.44	2.00	0.00	1.00	0.00	2.91	42.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	42.32	2.00	0.00	1.00	0.00	2.93	42.24	2.00	0.00	1.00	0.00
2.94	41.80	2.00	0.00	1.00	0.00	2.95	41.32	2.00	0.00	1.00	0.00
2.96	40.75	2.00	0.00	1.00	0.00	2.97	40.64	2.00	0.00	1.00	0.00
2.98	40.92	2.00	0.00	1.00	0.00	2.99	41.29	2.00	0.00	1.00	0.00
3.00	41.74	2.00	0.00	1.00	0.00	3.01	41.83	2.00	0.00	1.00	0.00
3.02	41.91	2.00	0.00	1.00	0.00	3.03	41.92	2.00	0.00	1.00	0.00
3.04	41.81	2.00	0.00	1.00	0.00	3.05	41.96	2.00	0.00	1.00	0.00
3.06	42.41	2.00	0.00	1.00	0.00	3.07	43.03	2.00	0.00	1.00	0.00
3.08	43.18	2.00	0.00	1.00	0.00	3.09	43.50	2.00	0.00	1.00	0.00
3.10	43.74	2.00	0.00	1.00	0.00	3.11	44.24	2.00	0.00	1.00	0.00
3.12	44.21	2.00	0.00	1.00	0.00	3.13	44.01	2.00	0.00	1.00	0.00
3.14	43.99	2.00	0.00	1.00	0.00	3.15	43.92	2.00	0.00	1.00	0.00
3.16	43.97	2.00	0.00	1.00	0.00	3.17	43.93	2.00	0.00	1.00	0.00
3.18	44.37	2.00	0.00	1.00	0.00	3.19	44.89	2.00	0.00	1.00	0.00
3.20	45.30	2.00	0.00	1.00	0.00	3.21	45.32	2.00	0.00	1.00	0.00
3.22	45.27	2.00	0.00	1.00	0.00	3.23	45.22	2.00	0.00	1.00	0.00
3.24	45.26	2.00	0.00	1.00	0.00	3.25	45.74	2.00	0.00	1.00	0.00
3.26	46.14	2.00	0.00	1.00	0.00	3.27	46.55	2.00	0.00	1.00	0.00
3.28	46.68	2.00	0.00	1.00	0.00	3.29	46.90	2.00	0.00	1.00	0.00
3.30	46.99	2.00	0.00	1.00	0.00	3.31	46.66	2.00	0.00	1.00	0.00
3.32	46.16	2.00	0.00	1.00	0.00	3.33	45.63	2.00	0.00	1.00	0.00
3.34	44.98	2.00	0.00	1.00	0.00	3.35	44.50	2.00	0.00	1.00	0.00
3.36	44.27	2.00	0.00	1.00	0.00	3.37	44.03	2.00	0.00	1.00	0.00
3.38	43.82	2.00	0.00	1.00	0.00	3.39	43.25	2.00	0.00	1.00	0.00
3.40	42.93	2.00	0.00	1.00	0.00	3.41	42.51	2.00	0.00	1.00	0.00
3.42	42.05	2.00	0.00	1.00	0.00	3.43	41.55	2.00	0.00	1.00	0.00
3.44	40.98	2.00	0.00	1.00	0.00	3.45	40.71	2.00	0.00	1.00	0.00
3.46	40.44	2.00	0.00	1.00	0.00	3.47	40.19	2.00	0.00	1.00	0.00
3.48	40.04	2.00	0.00	1.00	0.00	3.49	40.44	2.00	0.00	1.00	0.00
3.50	41.26	2.00	0.00	1.00	0.00	3.51	42.20	2.00	0.00	1.00	0.00
3.52	42.78	2.00	0.00	1.00	0.00	3.53	43.17	2.00	0.00	1.00	0.00
3.54	43.43	2.00	0.00	1.00	0.00	3.55	43.95	2.00	0.00	1.00	0.00
3.56	44.87	2.00	0.00	1.00	0.00	3.57	45.81	2.00	0.00	1.00	0.00
3.58	46.61	2.00	0.00	1.00	0.00	3.59	47.30	2.00	0.00	1.00	0.00
3.60	48.50	2.00	0.00	1.00	0.00	3.61	49.89	2.00	0.00	1.00	0.00
3.62	51.39	2.00	0.00	1.00	0.00	3.63	53.13	2.00	0.00	1.00	0.00
3.64	54.92	2.00	0.00	1.00	0.00	3.65	56.87	2.00	0.00	1.00	0.00
3.66	58.85	2.00	0.00	1.00	0.00	3.67	60.70	2.00	0.00	1.00	0.00
3.68	62.11	2.00	0.00	1.00	0.00	3.69	63.05	2.00	0.00	1.00	0.00
3.70	64.31	2.00	0.00	1.00	0.00	3.71	65.75	2.00	0.00	1.00	0.00
3.72	66.80	2.00	0.00	1.00	0.00	3.73	67.28	2.00	0.00	1.00	0.00
3.74	67.57	2.00	0.00	1.00	0.00	3.75	67.94	2.00	0.00	1.00	0.00
3.76	68.22	2.00	0.00	1.00	0.00	3.77	68.32	2.00	0.00	1.00	0.00
3.78	68.46	2.00	0.00	1.00	0.00	3.79	68.54	2.00	0.00	1.00	0.00
3.80	68.54	2.00	0.00	1.00	0.00	3.81	68.39	2.00	0.00	1.00	0.00
3.82	68.26	2.00	0.00	1.00	0.00	3.83	68.17	2.00	0.00	1.00	0.00
3.84	68.05	2.00	0.00	1.00	0.00	3.85	67.68	2.00	0.00	1.00	0.00
3.86	67.35	2.00	0.00	1.00	0.00	3.87	67.13	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	67.54	2.00	0.00	1.00	0.00	3.89	68.36	2.00	0.00	1.00	0.00
3.90	70.15	2.00	0.00	1.00	0.00	3.91	72.05	2.00	0.00	1.00	0.00
3.92	73.66	2.00	0.00	1.00	0.00	3.93	75.14	2.00	0.00	1.00	0.00
3.94	76.38	2.00	0.00	1.00	0.00	3.95	77.86	2.00	0.00	1.00	0.00
3.96	78.75	2.00	0.00	1.00	0.00	3.97	79.48	2.00	0.00	1.00	0.00
3.98	79.86	2.00	0.00	1.00	0.00	3.99	80.13	2.00	0.00	1.00	0.00
4.00	80.64	2.00	0.00	1.00	0.00	4.01	81.02	2.00	0.00	1.00	0.00
4.02	81.03	2.00	0.00	1.00	0.00	4.03	80.61	2.00	0.00	1.00	0.00
4.04	79.12	2.00	0.00	1.00	0.00	4.05	77.62	2.00	0.00	1.00	0.00
4.06	75.87	2.00	0.00	1.00	0.00	4.07	74.72	2.00	0.00	1.00	0.00
4.08	73.64	2.00	0.00	1.00	0.00	4.09	72.61	2.00	0.00	1.00	0.00
4.10	71.81	2.00	0.00	1.00	0.00	4.11	70.89	2.00	0.00	1.00	0.00
4.12	69.72	2.00	0.00	1.00	0.00	4.13	68.65	2.00	0.00	1.00	0.00
4.14	67.65	2.00	0.00	1.00	0.00	4.15	67.65	2.00	0.00	1.00	0.00
4.16	68.47	2.00	0.00	1.00	0.00	4.17	69.84	2.00	0.00	1.00	0.00
4.18	71.63	2.00	0.00	1.00	0.00	4.19	73.12	2.00	0.00	1.00	0.00
4.20	74.27	2.00	0.00	1.00	0.00	4.21	74.64	2.00	0.00	1.00	0.00
4.22	74.69	2.00	0.00	1.00	0.00	4.23	74.42	2.00	0.00	1.00	0.00
4.24	74.08	2.00	0.00	1.00	0.00	4.25	73.81	2.00	0.00	1.00	0.00
4.26	73.58	2.00	0.00	1.00	0.00	4.27	73.78	2.00	0.00	1.00	0.00
4.28	73.66	2.00	0.00	1.00	0.00	4.29	73.41	2.00	0.00	1.00	0.00
4.30	72.69	2.00	0.00	1.00	0.00	4.31	71.62	2.00	0.00	1.00	0.00
4.32	70.26	2.00	0.00	1.00	0.00	4.33	68.62	2.00	0.00	1.00	0.00
4.34	66.81	2.00	0.00	1.00	0.00	4.35	65.08	2.00	0.00	1.00	0.00
4.36	63.13	2.00	0.00	1.00	0.00	4.37	61.75	2.00	0.00	1.00	0.00
4.38	60.37	2.00	0.00	1.00	0.00	4.39	59.58	2.00	0.00	1.00	0.00
4.40	59.21	2.00	0.00	1.00	0.00	4.41	59.07	2.00	0.00	1.00	0.00
4.42	59.05	2.00	0.00	1.00	0.00	4.43	59.09	2.00	0.00	1.00	0.00
4.44	59.32	2.00	0.00	1.00	0.00	4.45	59.73	2.00	0.00	1.00	0.00
4.46	60.25	2.00	0.00	1.00	0.00	4.47	60.69	2.00	0.00	1.00	0.00
4.48	61.12	2.00	0.00	1.00	0.00	4.49	61.34	2.00	0.00	1.00	0.00
4.50	61.44	2.00	0.00	1.00	0.00	4.51	61.31	2.00	0.00	1.00	0.00
4.52	61.19	2.00	0.00	1.00	0.00	4.53	61.12	2.00	0.00	1.00	0.00
4.54	61.05	2.00	0.00	1.00	0.00	4.55	60.90	2.00	0.00	1.00	0.00
4.56	60.74	2.00	0.00	1.00	0.00	4.57	60.67	2.00	0.00	1.00	0.00
4.58	60.23	2.00	0.00	1.00	0.00	4.59	59.81	2.00	0.00	1.00	0.00
4.60	59.31	2.00	0.00	1.00	0.00	4.61	59.15	2.00	0.00	1.00	0.00
4.62	59.08	2.00	0.00	1.00	0.00	4.63	59.88	2.00	0.00	1.00	0.00
4.64	61.10	2.00	0.00	1.00	0.00	4.65	62.55	2.00	0.00	1.00	0.00
4.66	63.55	2.00	0.00	1.00	0.00	4.67	64.27	2.00	0.00	1.00	0.00
4.68	64.94	2.00	0.00	1.00	0.00	4.69	66.15	2.00	0.00	1.00	0.00
4.70	67.88	2.00	0.00	1.00	0.00	4.71	70.13	2.00	0.00	1.00	0.00
4.72	72.57	2.00	0.00	1.00	0.00	4.73	74.51	2.00	0.00	1.00	0.00
4.74	76.27	2.00	0.00	1.00	0.00	4.75	78.13	2.00	0.00	1.00	0.00
4.76	81.00	2.00	0.00	1.00	0.00	4.77	83.29	2.00	0.00	1.00	0.00
4.78	84.90	2.00	0.00	1.00	0.00	4.79	85.98	2.00	0.00	1.00	0.00
4.80	88.43	2.00	0.00	1.00	0.00	4.81	90.83	2.00	0.00	1.00	0.00
4.82	92.82	2.00	0.00	1.00	0.00	4.83	94.32	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	95.15	2.00	0.00	1.00	0.00	4.85	95.99	2.00	0.00	1.00	0.00
4.86	93.59	2.00	0.00	1.00	0.00	4.87	89.95	2.00	0.00	1.00	0.00
4.88	85.17	2.00	0.00	1.00	0.00	4.89	85.84	2.00	0.00	1.00	0.00
4.90	86.07	2.00	0.00	1.00	0.00	4.91	85.82	2.00	0.00	1.00	0.00
4.92	84.24	2.00	0.00	1.00	0.00	4.93	82.50	2.00	0.00	1.00	0.00
4.94	80.69	2.00	0.00	1.00	0.00	4.95	77.95	2.00	0.00	1.00	0.00
4.96	74.78	2.00	0.00	1.00	0.00	4.97	71.53	2.00	0.00	1.00	0.00
4.98	68.57	2.00	0.00	1.00	0.00	4.99	65.71	2.00	0.00	1.00	0.00
5.00	62.57	2.00	0.00	1.00	0.00	5.01	60.18	2.00	0.00	1.00	0.00
5.02	57.77	2.00	0.00	1.00	0.00	5.03	55.77	2.00	0.00	1.00	0.00
5.04	53.47	2.00	0.00	1.00	0.00	5.05	51.54	2.00	0.00	1.00	0.00
5.06	49.72	2.00	0.00	1.00	0.00	5.07	48.54	2.00	0.00	1.00	0.00
5.08	47.70	2.00	0.00	1.00	0.00	5.09	46.99	2.00	0.00	1.00	0.00
5.10	46.20	2.00	0.00	1.00	0.00	5.11	45.23	2.00	0.00	1.00	0.00
5.12	43.98	2.00	0.00	1.00	0.00	5.13	43.03	2.00	0.00	1.00	0.00
5.14	42.29	2.00	0.00	1.00	0.00	5.15	42.02	2.00	0.00	1.00	0.00
5.16	41.87	2.00	0.00	1.00	0.00	5.17	41.72	2.00	0.00	1.00	0.00
5.18	41.50	2.00	0.00	1.00	0.00	5.19	41.02	2.00	0.00	1.00	0.00
5.20	40.56	2.00	0.00	1.00	0.00	5.21	39.74	2.00	0.00	1.00	0.00
5.22	39.23	2.00	0.00	1.00	0.00	5.23	38.76	2.00	0.00	1.00	0.00
5.24	38.63	2.00	0.00	1.00	0.00	5.25	38.39	2.00	0.00	1.00	0.00
5.26	38.06	2.00	0.00	1.00	0.00	5.27	37.80	2.00	0.00	1.00	0.00
5.28	37.54	2.00	0.00	1.00	0.00	5.29	37.14	2.00	0.00	1.00	0.00
5.30	36.72	2.00	0.00	1.00	0.00	5.31	36.35	2.00	0.00	1.00	0.00
5.32	36.21	2.00	0.00	1.00	0.00	5.33	36.08	2.00	0.00	1.00	0.00
5.34	35.91	2.00	0.00	1.00	0.00	5.35	35.74	2.00	0.00	1.00	0.00
5.36	35.53	2.00	0.00	1.00	0.00	5.37	35.26	2.00	0.00	1.00	0.00
5.38	34.96	2.00	0.00	1.00	0.00	5.39	34.68	2.00	0.00	1.00	0.00
5.40	34.52	2.00	0.00	1.00	0.00	5.41	34.36	2.00	0.00	1.00	0.00
5.42	34.26	2.00	0.00	1.00	0.00	5.43	34.22	2.00	0.00	1.00	0.00
5.44	34.23	2.00	0.00	1.00	0.00	5.45	34.17	2.00	0.00	1.00	0.00
5.46	34.13	2.00	0.00	1.00	0.00	5.47	34.10	2.00	0.00	1.00	0.00
5.48	34.12	2.00	0.00	1.00	0.00	5.49	34.11	2.00	0.00	1.00	0.00
5.50	34.05	2.00	0.00	1.00	0.00	5.51	34.04	2.00	0.00	1.00	0.00
5.52	34.01	2.00	0.00	1.00	0.00	5.53	33.98	2.00	0.00	1.00	0.00
5.54	33.95	2.00	0.00	1.00	0.00	5.55	33.97	2.00	0.00	1.00	0.00
5.56	33.98	2.00	0.00	1.00	0.00	5.57	33.97	2.00	0.00	1.00	0.00
5.58	33.90	2.00	0.00	1.00	0.00	5.59	33.76	2.00	0.00	1.00	0.00
5.60	33.57	2.00	0.00	1.00	0.00	5.61	33.61	2.00	0.00	1.00	0.00
5.62	33.71	2.00	0.00	1.00	0.00	5.63	33.86	2.00	0.00	1.00	0.00
5.64	33.85	2.00	0.00	1.00	0.00	5.65	33.83	2.00	0.00	1.00	0.00
5.66	33.59	2.00	0.00	1.00	0.00	5.67	33.42	2.00	0.00	1.00	0.00
5.68	33.30	2.00	0.00	1.00	0.00	5.69	33.48	2.00	0.00	1.00	0.00
5.70	33.67	2.00	0.00	1.00	0.00	5.71	33.84	2.00	0.00	1.00	0.00
5.72	33.87	2.00	0.00	1.00	0.00	5.73	33.82	2.00	0.00	1.00	0.00
5.74	33.72	2.00	0.00	1.00	0.00	5.75	33.95	2.00	0.00	1.00	0.00
5.76	33.99	2.00	0.00	1.00	0.00	5.77	34.03	2.00	0.00	1.00	0.00
5.78	34.06	2.00	0.00	1.00	0.00	5.79	34.00	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	34.12	2.00	0.00	1.00	0.00	5.81	33.93	2.00	0.00	1.00	0.00
5.82	33.98	2.00	0.00	1.00	0.00	5.83	33.85	2.00	0.00	1.00	0.00
5.84	33.75	2.00	0.00	1.00	0.00	5.85	33.66	2.00	0.00	1.00	0.00
5.86	33.63	2.00	0.00	1.00	0.00	5.87	32.38	2.00	0.00	1.00	0.00
5.88	31.19	2.00	0.00	1.00	0.00	5.89	29.81	2.00	0.00	1.00	0.00
5.90	30.50	2.00	0.00	1.00	0.00	5.91	30.81	2.00	0.00	1.00	0.00
5.92	31.15	2.00	0.00	1.00	0.00	5.93	31.44	2.00	0.00	1.00	0.00
5.94	31.74	2.00	0.00	1.00	0.00	5.95	31.95	2.00	0.00	1.00	0.00
5.96	32.13	2.00	0.00	1.00	0.00	5.97	32.46	2.00	0.00	1.00	0.00
5.98	32.76	2.00	0.00	1.00	0.00	5.99	33.00	2.00	0.00	1.00	0.00
6.00	32.87	2.00	0.00	1.00	0.00	6.01	32.68	2.00	0.00	1.00	0.00
6.02	32.59	2.00	0.00	1.00	0.00	6.03	32.72	2.00	0.00	1.00	0.00
6.04	32.99	2.00	0.00	1.00	0.00	6.05	33.17	2.00	0.00	1.00	0.00
6.06	33.37	2.00	0.00	1.00	0.00	6.07	33.48	2.00	0.00	1.00	0.00
6.08	33.67	2.00	0.00	1.00	0.00	6.09	34.10	2.00	0.00	1.00	0.00
6.10	34.66	2.00	0.00	1.00	0.00	6.11	35.24	2.00	0.00	1.00	0.00
6.12	35.87	2.00	0.00	1.00	0.00	6.13	36.54	2.00	0.00	1.00	0.00
6.14	37.29	2.00	0.00	1.00	0.00	6.15	37.94	2.00	0.00	1.00	0.00
6.16	38.49	2.00	0.00	1.00	0.00	6.17	38.93	2.00	0.00	1.00	0.00
6.18	39.27	2.00	0.00	1.00	0.00	6.19	39.56	2.00	0.00	1.00	0.00
6.20	39.92	2.00	0.00	1.00	0.00	6.21	40.26	2.00	0.00	1.00	0.00
6.22	40.50	2.00	0.00	1.00	0.00	6.23	40.58	2.00	0.00	1.00	0.00
6.24	40.34	2.00	0.00	1.00	0.00	6.25	40.02	2.00	0.00	1.00	0.00
6.26	39.62	2.00	0.00	1.00	0.00	6.27	39.42	2.00	0.00	1.00	0.00
6.28	39.20	2.00	0.00	1.00	0.00	6.29	38.94	2.00	0.00	1.00	0.00
6.30	38.64	2.00	0.00	1.00	0.00	6.31	38.36	2.00	0.00	1.00	0.00
6.32	38.18	2.00	0.00	1.00	0.00	6.33	37.99	2.00	0.00	1.00	0.00
6.34	37.86	2.00	0.00	1.00	0.00	6.35	37.61	2.00	0.00	1.00	0.00
6.36	37.43	2.00	0.00	1.00	0.00	6.37	37.27	2.00	0.00	1.00	0.00
6.38	37.16	2.00	0.00	1.00	0.00	6.39	36.92	2.00	0.00	1.00	0.00
6.40	36.67	2.00	0.00	1.00	0.00	6.41	36.34	2.00	0.00	1.00	0.00
6.42	36.06	2.00	0.00	1.00	0.00	6.43	35.64	2.00	0.00	1.00	0.00
6.44	35.24	2.00	0.00	1.00	0.00	6.45	34.81	2.00	0.00	1.00	0.00
6.46	34.43	2.00	0.00	1.00	0.00	6.47	34.15	2.00	0.00	1.00	0.00
6.48	33.97	2.00	0.00	1.00	0.00	6.49	33.80	2.00	0.00	1.00	0.00
6.50	33.53	2.00	0.00	1.00	0.00	6.51	33.32	2.00	0.00	1.00	0.00
6.52	33.12	2.00	0.00	1.00	0.00	6.53	33.04	2.00	0.00	1.00	0.00
6.54	32.91	2.00	0.00	1.00	0.00	6.55	32.74	2.00	0.00	1.00	0.00
6.56	32.54	2.00	0.00	1.00	0.00	6.57	32.44	2.00	0.00	1.00	0.00
6.58	32.48	2.00	0.00	1.00	0.00	6.59	32.67	2.00	0.00	1.00	0.00
6.60	32.91	2.00	0.00	1.00	0.00	6.61	33.05	2.00	0.00	1.00	0.00
6.62	33.15	2.00	0.00	1.00	0.00	6.63	33.22	2.00	0.00	1.00	0.00
6.64	33.35	2.00	0.00	1.00	0.00	6.65	33.51	2.00	0.00	1.00	0.00
6.66	33.80	2.00	0.00	1.00	0.00	6.67	34.02	2.00	0.00	1.00	0.00
6.68	34.14	2.00	0.00	1.00	0.00	6.69	34.14	2.00	0.00	1.00	0.00
6.70	34.20	2.00	0.00	1.00	0.00	6.71	34.32	2.00	0.00	1.00	0.00
6.72	34.58	2.00	0.00	1.00	0.00	6.73	35.15	2.00	0.00	1.00	0.00
6.74	35.81	2.00	0.00	1.00	0.00	6.75	36.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	36.48	2.00	0.00	1.00	0.00	6.77	36.61	2.00	0.00	1.00	0.00
6.78	36.93	2.00	0.00	1.00	0.00	6.79	37.18	2.00	0.00	1.00	0.00
6.80	37.39	2.00	0.00	1.00	0.00	6.81	37.62	2.00	0.00	1.00	0.00
6.82	37.75	2.00	0.00	1.00	0.00	6.83	38.04	2.00	0.00	1.00	0.00
6.84	38.13	2.00	0.00	1.00	0.00	6.85	38.28	2.00	0.00	1.00	0.00
6.86	38.25	2.00	0.00	1.00	0.00	6.87	37.14	2.00	0.00	1.00	0.00
6.88	35.92	2.00	0.00	1.00	0.00	6.89	34.52	2.00	0.00	1.00	0.00
6.90	35.02	2.00	0.00	1.00	0.00	6.91	35.49	2.00	0.00	1.00	0.00
6.92	36.01	2.00	0.00	1.00	0.00	6.93	36.64	2.00	0.00	1.00	0.00
6.94	37.24	2.00	0.00	1.00	0.00	6.95	37.80	2.00	0.00	1.00	0.00
6.96	38.21	2.00	0.00	1.00	0.00	6.97	38.57	2.00	0.00	1.00	0.00
6.98	38.91	2.00	0.00	1.00	0.00	6.99	39.21	2.00	0.00	1.00	0.00
7.00	39.42	2.00	0.00	1.00	0.00	7.01	39.46	2.00	0.00	1.00	0.00
7.02	39.37	2.00	0.00	1.00	0.00	7.03	39.34	2.00	0.00	1.00	0.00
7.04	39.39	2.00	0.00	1.00	0.00	7.05	39.39	2.00	0.00	1.00	0.00
7.06	39.26	2.00	0.00	1.00	0.00	7.07	38.98	2.00	0.00	1.00	0.00
7.08	38.67	2.00	0.00	1.00	0.00	7.09	38.36	2.00	0.00	1.00	0.00
7.10	38.27	2.00	0.00	1.00	0.00	7.11	38.17	2.00	0.00	1.00	0.00
7.12	38.04	2.00	0.00	1.00	0.00	7.13	37.76	2.00	0.00	1.00	0.00
7.14	37.52	2.00	0.00	1.00	0.00	7.15	37.45	2.00	0.00	1.00	0.00
7.16	37.38	2.00	0.00	1.00	0.00	7.17	37.35	2.00	0.00	1.00	0.00
7.18	37.26	2.00	0.00	1.00	0.00	7.19	37.38	2.00	0.00	1.00	0.00
7.20	37.44	2.00	0.00	1.00	0.00	7.21	37.51	2.00	0.00	1.00	0.00
7.22	37.60	2.00	0.00	1.00	0.00	7.23	37.69	2.00	0.00	1.00	0.00
7.24	37.83	2.00	0.00	1.00	0.00	7.25	37.92	2.00	0.00	1.00	0.00
7.26	38.30	2.00	0.00	1.00	0.00	7.27	38.70	2.00	0.00	1.00	0.00
7.28	38.96	2.00	0.00	1.00	0.00	7.29	38.85	2.00	0.00	1.00	0.00
7.30	38.72	2.00	0.00	1.00	0.00	7.31	38.71	2.00	0.00	1.00	0.00
7.32	38.83	2.00	0.00	1.00	0.00	7.33	38.92	2.00	0.00	1.00	0.00
7.34	39.03	2.00	0.00	1.00	0.00	7.35	39.09	2.00	0.00	1.00	0.00
7.36	39.00	2.00	0.00	1.00	0.00	7.37	38.81	2.00	0.00	1.00	0.00
7.38	38.46	2.00	0.00	1.00	0.00	7.39	38.09	2.00	0.00	1.00	0.00
7.40	37.68	2.00	0.00	1.00	0.00	7.41	37.38	2.00	0.00	1.00	0.00
7.42	37.00	2.00	0.00	1.00	0.00	7.43	36.94	2.00	0.00	1.00	0.00
7.44	37.00	2.00	0.00	1.00	0.00	7.45	37.12	2.00	0.00	1.00	0.00
7.46	36.90	2.00	0.00	1.00	0.00	7.47	36.47	2.00	0.00	1.00	0.00
7.48	35.95	2.00	0.00	1.00	0.00	7.49	35.47	2.00	0.00	1.00	0.00
7.50	35.24	2.00	0.00	1.00	0.00	7.51	35.09	2.00	0.00	1.00	0.00
7.52	34.85	2.00	0.00	1.00	0.00	7.53	34.49	2.00	0.00	1.00	0.00
7.54	34.10	2.00	0.00	1.00	0.00	7.55	34.06	2.00	0.00	1.00	0.00
7.56	34.25	2.00	0.00	1.00	0.00	7.57	34.57	2.00	0.00	1.00	0.00
7.58	34.77	2.00	0.00	1.00	0.00	7.59	35.02	2.00	0.00	1.00	0.00
7.60	35.31	2.00	0.00	1.00	0.00	7.61	35.57	2.00	0.00	1.00	0.00
7.62	35.67	2.00	0.00	1.00	0.00	7.63	35.72	2.00	0.00	1.00	0.00
7.64	35.72	2.00	0.00	1.00	0.00	7.65	35.85	2.00	0.00	1.00	0.00
7.66	35.88	2.00	0.00	1.00	0.00	7.67	35.98	2.00	0.00	1.00	0.00
7.68	36.06	2.00	0.00	1.00	0.00	7.69	36.30	2.00	0.00	1.00	0.00
7.70	36.42	2.00	0.00	1.00	0.00	7.71	36.20	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	35.78	2.00	0.00	1.00	0.00	7.73	35.39	2.00	0.00	1.00	0.00
7.74	35.20	2.00	0.00	1.00	0.00	7.75	35.17	2.00	0.00	1.00	0.00
7.76	35.21	2.00	0.00	1.00	0.00	7.77	35.31	2.00	0.00	1.00	0.00
7.78	35.41	2.00	0.00	1.00	0.00	7.79	35.51	2.00	0.00	1.00	0.00
7.80	35.60	2.00	0.00	1.00	0.00	7.81	35.73	2.00	0.00	1.00	0.00
7.82	35.89	2.00	0.00	1.00	0.00	7.83	36.02	2.00	0.00	1.00	0.00
7.84	36.11	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	36.17	2.00	0.00	1.00	0.00	7.87	33.99	2.00	0.00	1.00	0.00
7.88	32.08	2.00	0.00	1.00	0.00	7.89	30.13	2.00	0.00	1.00	0.00
7.90	31.32	2.00	0.00	1.00	0.00	7.91	32.11	2.00	0.00	1.00	0.00
7.92	32.84	2.00	0.00	1.00	0.00	7.93	33.57	2.00	0.00	1.00	0.00
7.94	34.36	2.00	0.00	1.00	0.00	7.95	34.87	2.00	0.00	1.00	0.00
7.96	35.14	2.00	0.00	1.00	0.00	7.97	34.91	2.00	0.00	1.00	0.00
7.98	34.84	2.00	0.00	1.00	0.00	7.99	34.96	2.00	0.00	1.00	0.00
8.00	35.23	2.00	0.00	1.00	0.00	8.01	35.14	2.00	0.00	1.00	0.00
8.02	35.04	2.00	0.00	1.00	0.00	8.03	35.07	2.00	0.00	1.00	0.00
8.04	35.42	2.00	0.00	1.00	0.00	8.05	35.16	2.00	0.00	1.00	0.00
8.06	35.04	2.00	0.00	1.00	0.00	8.07	35.39	2.00	0.00	1.00	0.00
8.08	36.44	2.00	0.00	1.00	0.00	8.09	36.86	2.00	0.00	1.00	0.00
8.10	36.42	2.00	0.00	1.00	0.00	8.11	35.74	2.00	0.00	1.00	0.00
8.12	35.45	2.00	0.00	1.00	0.00	8.13	35.44	2.00	0.00	1.00	0.00
8.14	35.35	2.00	0.00	1.00	0.00	8.15	35.20	2.00	0.00	1.00	0.00
8.16	34.92	2.00	0.00	1.00	0.00	8.17	34.50	2.00	0.00	1.00	0.00
8.18	33.86	2.00	0.00	1.00	0.00	8.19	33.52	2.00	0.00	1.00	0.00
8.20	33.67	2.00	0.00	1.00	0.00	8.21	34.01	2.00	0.00	1.00	0.00
8.22	34.19	2.00	0.00	1.00	0.00	8.23	34.11	2.00	0.00	1.00	0.00
8.24	34.00	2.00	0.00	1.00	0.00	8.25	34.00	2.00	0.00	1.00	0.00
8.26	34.04	2.00	0.00	1.00	0.00	8.27	34.16	2.00	0.00	1.00	0.00
8.28	34.27	2.00	0.00	1.00	0.00	8.29	34.42	2.00	0.00	1.00	0.00
8.30	34.58	2.00	0.00	1.00	0.00	8.31	34.69	2.00	0.00	1.00	0.00
8.32	34.94	2.00	0.00	1.00	0.00	8.33	35.19	2.00	0.00	1.00	0.00
8.34	35.47	2.00	0.00	1.00	0.00	8.35	35.58	2.00	0.00	1.00	0.00
8.36	35.66	2.00	0.00	1.00	0.00	8.37	35.60	2.00	0.00	1.00	0.00
8.38	35.54	2.00	0.00	1.00	0.00	8.39	35.47	2.00	0.00	1.00	0.00
8.40	35.51	2.00	0.00	1.00	0.00	8.41	35.57	2.00	0.00	1.00	0.00
8.42	35.65	2.00	0.00	1.00	0.00	8.43	35.72	2.00	0.00	1.00	0.00
8.44	35.83	2.00	0.00	1.00	0.00	8.45	36.00	2.00	0.00	1.00	0.00
8.46	36.17	2.00	0.00	1.00	0.00	8.47	36.31	2.00	0.00	1.00	0.00
8.48	36.38	2.00	0.00	1.00	0.00	8.49	36.42	2.00	0.00	1.00	0.00
8.50	36.50	2.00	0.00	1.00	0.00	8.51	36.61	2.00	0.00	1.00	0.00
8.52	36.71	2.00	0.00	1.00	0.00	8.53	36.73	2.00	0.00	1.00	0.00
8.54	36.69	2.00	0.00	1.00	0.00	8.55	36.69	2.00	0.00	1.00	0.00
8.56	36.73	2.00	0.00	1.00	0.00	8.57	36.73	2.00	0.00	1.00	0.00
8.58	36.66	2.00	0.00	1.00	0.00	8.59	36.58	2.00	0.00	1.00	0.00
8.60	36.52	2.00	0.00	1.00	0.00	8.61	36.45	2.00	0.00	1.00	0.00
8.62	36.35	2.00	0.00	1.00	0.00	8.63	36.25	2.00	0.00	1.00	0.00
8.64	36.14	2.00	0.00	1.00	0.00	8.65	36.11	2.00	0.00	1.00	0.00
8.66	36.14	2.00	0.00	1.00	0.00	8.67	36.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
8.68	36.14	2.00	0.00	1.00	0.00	8.69	36.14	2.00	0.00	1.00	0.00
8.70	36.18	2.00	0.00	1.00	0.00	8.71	36.21	2.00	0.00	1.00	0.00
8.72	36.24	2.00	0.00	1.00	0.00	8.73	36.34	2.00	0.00	1.00	0.00
8.74	36.34	2.00	0.00	1.00	0.00	8.75	36.31	2.00	0.00	1.00	0.00
8.76	36.27	2.00	0.00	1.00	0.00	8.77	36.30	2.00	0.00	1.00	0.00
8.78	36.33	2.00	0.00	1.00	0.00	8.79	36.36	2.00	0.00	1.00	0.00
8.80	36.39	2.00	0.00	1.00	0.00	8.81	36.50	2.00	0.00	1.00	0.00
8.82	36.54	2.00	0.00	1.00	0.00	8.83	36.64	2.00	0.00	1.00	0.00
8.84	36.72	2.00	0.00	1.00	0.00	8.85	36.81	2.00	0.00	1.00	0.00
8.86	36.84	2.00	0.00	1.00	0.00	8.87	34.68	2.00	0.00	1.00	0.00
8.88	32.74	2.00	0.00	1.00	0.00	8.89	30.79	2.00	0.00	1.00	0.00
8.90	31.89	2.00	0.00	1.00	0.00	8.91	32.59	2.00	0.00	1.00	0.00
8.92	33.45	2.00	0.00	1.00	0.00	8.93	34.10	2.00	0.00	1.00	0.00
8.94	34.61	2.00	0.00	1.00	0.00	8.95	34.71	2.00	0.00	1.00	0.00
8.96	34.96	2.00	0.00	1.00	0.00	8.97	35.29	2.00	0.00	1.00	0.00
8.98	35.65	2.00	0.00	1.00	0.00	8.99	35.94	2.00	0.00	1.00	0.00
9.00	36.08	2.00	0.00	1.00	0.00	9.01	36.16	2.00	0.00	1.00	0.00
9.02	36.10	2.00	0.00	1.00	0.00	9.03	36.01	2.00	0.00	1.00	0.00
9.04	36.02	2.00	0.00	1.00	0.00	9.05	36.12	2.00	0.00	1.00	0.00
9.06	36.25	2.00	0.00	1.00	0.00	9.07	36.38	2.00	0.00	1.00	0.00
9.08	36.41	2.00	0.00	1.00	0.00	9.09	36.40	2.00	0.00	1.00	0.00
9.10	36.31	2.00	0.00	1.00	0.00	9.11	36.35	2.00	0.00	1.00	0.00
9.12	36.58	2.00	0.00	1.00	0.00	9.13	36.85	2.00	0.00	1.00	0.00
9.14	37.15	2.00	0.00	1.00	0.00	9.15	37.34	2.00	0.00	1.00	0.00
9.16	37.49	2.00	0.00	1.00	0.00	9.17	37.36	2.00	0.00	1.00	0.00
9.18	37.02	2.00	0.00	1.00	0.00	9.19	36.65	2.00	0.00	1.00	0.00
9.20	36.39	2.00	0.00	1.00	0.00	9.21	36.31	2.00	0.00	1.00	0.00
9.22	36.19	2.00	0.00	1.00	0.00	9.23	36.19	2.00	0.00	1.00	0.00
9.24	36.27	2.00	0.00	1.00	0.00	9.25	36.51	2.00	0.00	1.00	0.00
9.26	36.80	2.00	0.00	1.00	0.00	9.27	36.93	2.00	0.00	1.00	0.00
9.28	37.30	2.00	0.00	1.00	0.00	9.29	37.72	2.00	0.00	1.00	0.00
9.30	38.48	2.00	0.00	1.00	0.00	9.31	39.49	2.00	0.00	1.00	0.00
9.32	40.58	2.00	0.00	1.00	0.00	9.33	41.61	2.00	0.00	1.00	0.00
9.34	42.70	2.00	0.00	1.00	0.00	9.35	43.82	2.00	0.00	1.00	0.00
9.36	44.96	2.00	0.00	1.00	0.00	9.37	46.01	2.00	0.00	1.00	0.00
9.38	46.97	2.00	0.00	1.00	0.00	9.39	47.88	2.00	0.00	1.00	0.00
9.40	48.55	2.00	0.00	1.00	0.00	9.41	49.03	2.00	0.00	1.00	0.00
9.42	49.20	2.00	0.00	1.00	0.00	9.43	48.99	2.00	0.00	1.00	0.00
9.44	48.67	2.00	0.00	1.00	0.00	9.45	48.35	2.00	0.00	1.00	0.00
9.46	48.19	2.00	0.00	1.00	0.00	9.47	48.02	2.00	0.00	1.00	0.00
9.48	47.64	2.00	0.00	1.00	0.00	9.49	46.71	2.00	0.00	1.00	0.00
9.50	45.59	2.00	0.00	1.00	0.00	9.51	44.42	2.00	0.00	1.00	0.00
9.52	43.67	2.00	0.00	1.00	0.00	9.53	43.20	2.00	0.00	1.00	0.00
9.54	42.92	2.00	0.00	1.00	0.00	9.55	42.56	2.00	0.00	1.00	0.00
9.56	42.11	2.00	0.00	1.00	0.00	9.57	41.57	2.00	0.00	1.00	0.00
9.58	41.05	2.00	0.00	1.00	0.00	9.59	40.60	2.00	0.00	1.00	0.00
9.60	40.07	2.00	0.00	1.00	0.00	9.61	39.70	2.00	0.00	1.00	0.00
9.62	39.30	2.00	0.00	1.00	0.00	9.63	39.42	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	39.70	2.00	0.00	1.00	0.00	9.65	40.08	2.00	0.00	1.00	0.00
9.66	40.20	2.00	0.00	1.00	0.00	9.67	40.21	2.00	0.00	1.00	0.00
9.68	40.17	2.00	0.00	1.00	0.00	9.69	40.52	2.00	0.00	1.00	0.00
9.70	41.07	2.00	0.00	1.00	0.00	9.71	41.73	2.00	0.00	1.00	0.00
9.72	42.20	2.00	0.00	1.00	0.00	9.73	42.61	2.00	0.00	1.00	0.00
9.74	42.90	2.00	0.00	1.00	0.00	9.75	43.20	2.00	0.00	1.00	0.00
9.76	43.53	2.00	0.00	1.00	0.00	9.77	43.95	2.00	0.00	1.00	0.00
9.78	44.37	2.00	0.00	1.00	0.00	9.79	44.58	2.00	0.00	1.00	0.00
9.80	44.72	2.00	0.00	1.00	0.00	9.81	44.69	2.00	0.00	1.00	0.00
9.82	44.64	2.00	0.00	1.00	0.00	9.83	44.36	2.00	0.00	1.00	0.00
9.84	44.12	2.00	0.00	1.00	0.00	9.85	43.94	2.00	0.00	1.00	0.00
9.86	41.48	2.00	0.00	1.00	0.00	9.87	38.68	2.00	0.00	1.00	0.00
9.88	35.57	2.00	0.00	1.00	0.00	9.89	36.25	2.00	0.00	1.00	0.00
9.90	37.06	2.00	0.00	1.00	0.00	9.91	37.72	2.00	0.00	1.00	0.00
9.92	38.23	2.00	0.00	1.00	0.00	9.93	38.70	2.00	0.00	1.00	0.00
9.94	39.37	2.00	0.00	1.00	0.00	9.95	40.27	2.00	0.00	1.00	0.00
9.96	40.93	2.00	0.00	1.00	0.00	9.97	41.30	2.00	0.00	1.00	0.00
9.98	41.44	2.00	0.00	1.00	0.00	9.99	41.69	2.00	0.00	1.00	0.00
10.00	42.06	2.00	0.00	1.00	0.00	10.01	42.49	2.00	0.00	1.00	0.00
10.02	42.67	2.00	0.00	1.00	0.00	10.03	42.71	2.00	0.00	1.00	0.00
10.04	42.64	2.00	0.00	1.00	0.00	10.05	42.62	2.00	0.00	1.00	0.00
10.06	42.61	2.00	0.00	1.00	0.00	10.07	42.57	2.00	0.00	1.00	0.00
10.08	42.51	2.00	0.00	1.00	0.00	10.09	42.43	2.00	0.00	1.00	0.00
10.10	42.25	2.00	0.00	1.00	0.00	10.11	42.00	2.00	0.00	1.00	0.00
10.12	41.56	2.00	0.00	1.00	0.00	10.13	41.01	2.00	0.00	1.00	0.00
10.14	40.41	2.00	0.00	1.00	0.00	10.15	39.93	2.00	0.00	1.00	0.00
10.16	39.58	2.00	0.00	1.00	0.00	10.17	39.34	2.00	0.00	1.00	0.00
10.18	39.21	2.00	0.00	1.00	0.00	10.19	39.40	2.00	0.00	1.00	0.00
10.20	39.61	2.00	0.00	1.00	0.00	10.21	39.93	2.00	0.00	1.00	0.00
10.22	40.09	2.00	0.00	1.00	0.00	10.23	40.29	2.00	0.00	1.00	0.00
10.24	40.36	2.00	0.00	1.00	0.00	10.25	40.43	2.00	0.00	1.00	0.00
10.26	40.48	2.00	0.00	1.00	0.00	10.27	40.68	2.00	0.00	1.00	0.00
10.28	40.91	2.00	0.00	1.00	0.00	10.29	41.12	2.00	0.00	1.00	0.00
10.30	41.17	2.00	0.00	1.00	0.00	10.31	41.15	2.00	0.00	1.00	0.00
10.32	41.16	2.00	0.00	1.00	0.00	10.33	41.11	2.00	0.00	1.00	0.00
10.34	40.87	2.00	0.00	1.00	0.00	10.35	40.54	2.00	0.00	1.00	0.00
10.36	40.31	2.00	0.00	1.00	0.00	10.37	40.36	2.00	0.00	1.00	0.00
10.38	40.48	2.00	0.00	1.00	0.00	10.39	40.56	2.00	0.00	1.00	0.00
10.40	40.60	2.00	0.00	1.00	0.00	10.41	40.53	2.00	0.00	1.00	0.00
10.42	40.36	2.00	0.00	1.00	0.00	10.43	40.08	2.00	0.00	1.00	0.00
10.44	39.83	2.00	0.00	1.00	0.00	10.45	39.62	2.00	0.00	1.00	0.00
10.46	39.50	2.00	0.00	1.00	0.00	10.47	39.38	2.00	0.00	1.00	0.00
10.48	39.28	2.00	0.00	1.00	0.00	10.49	39.16	2.00	0.00	1.00	0.00
10.50	39.06	2.00	0.00	1.00	0.00	10.51	38.91	2.00	0.00	1.00	0.00
10.52	38.70	2.00	0.00	1.00	0.00	10.53	38.50	2.00	0.00	1.00	0.00
10.54	38.31	2.00	0.00	1.00	0.00	10.55	38.22	2.00	0.00	1.00	0.00
10.56	38.14	2.00	0.00	1.00	0.00	10.57	38.14	2.00	0.00	1.00	0.00
10.58	38.16	2.00	0.00	1.00	0.00	10.59	38.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	38.17	2.00	0.00	1.00	0.00	10.61	38.22	2.00	0.00	1.00	0.00
10.62	38.26	2.00	0.00	1.00	0.00	10.63	38.25	2.00	0.00	1.00	0.00
10.64	38.18	2.00	0.00	1.00	0.00	10.65	38.13	2.00	0.00	1.00	0.00
10.66	38.09	2.00	0.00	1.00	0.00	10.67	38.08	2.00	0.00	1.00	0.00
10.68	38.07	2.00	0.00	1.00	0.00	10.69	38.09	2.00	0.00	1.00	0.00
10.70	38.11	2.00	0.00	1.00	0.00	10.71	38.13	2.00	0.00	1.00	0.00
10.72	38.10	2.00	0.00	1.00	0.00	10.73	38.08	2.00	0.00	1.00	0.00
10.74	38.05	2.00	0.00	1.00	0.00	10.75	38.06	2.00	0.00	1.00	0.00
10.76	38.09	2.00	0.00	1.00	0.00	10.77	38.14	2.00	0.00	1.00	0.00
10.78	38.13	2.00	0.00	1.00	0.00	10.79	38.03	2.00	0.00	1.00	0.00
10.80	37.88	2.00	0.00	1.00	0.00	10.81	37.72	2.00	0.00	1.00	0.00
10.82	37.62	2.00	0.00	1.00	0.00	10.83	37.52	2.00	0.00	1.00	0.00
10.84	37.46	2.00	0.00	1.00	0.00	10.85	37.40	2.00	0.00	1.00	0.00
10.86	35.22	2.00	0.00	1.00	0.00	10.87	33.03	2.00	0.00	1.00	0.00
10.88	30.59	2.00	0.00	1.00	0.00	10.89	31.18	2.00	0.00	1.00	0.00
10.90	31.50	2.00	0.00	1.00	0.00	10.91	31.84	2.00	0.00	1.00	0.00
10.92	32.15	2.00	0.00	1.00	0.00	10.93	32.67	2.00	0.00	1.00	0.00
10.94	33.22	2.00	0.00	1.00	0.00	10.95	33.85	2.00	0.00	1.00	0.00
10.96	34.46	2.00	0.00	1.00	0.00	10.97	34.99	2.00	0.00	1.00	0.00
10.98	35.45	2.00	0.00	1.00	0.00	10.99	35.69	2.00	0.00	1.00	0.00
11.00	35.99	2.00	0.00	1.00	0.00	11.01	36.32	2.00	0.00	1.00	0.00
11.02	36.56	2.00	0.00	1.00	0.00	11.03	36.59	2.00	0.00	1.00	0.00
11.04	36.49	2.00	0.00	1.00	0.00	11.05	36.46	2.00	0.00	1.00	0.00
11.06	36.51	2.00	0.00	1.00	0.00	11.07	36.49	2.00	0.00	1.00	0.00
11.08	36.42	2.00	0.00	1.00	0.00	11.09	36.28	2.00	0.00	1.00	0.00
11.10	36.30	2.00	0.00	1.00	0.00	11.11	36.38	2.00	0.00	1.00	0.00
11.12	36.44	2.00	0.00	1.00	0.00	11.13	36.37	2.00	0.00	1.00	0.00
11.14	36.30	2.00	0.00	1.00	0.00	11.15	36.29	2.00	0.00	1.00	0.00
11.16	36.28	2.00	0.00	1.00	0.00	11.17	36.27	2.00	0.00	1.00	0.00
11.18	36.26	2.00	0.00	1.00	0.00	11.19	36.28	2.00	0.00	1.00	0.00
11.20	36.18	2.00	0.00	1.00	0.00	11.21	36.08	2.00	0.00	1.00	0.00
11.22	36.01	2.00	0.00	1.00	0.00	11.23	36.00	2.00	0.00	1.00	0.00
11.24	35.93	2.00	0.00	1.00	0.00	11.25	35.77	2.00	0.00	1.00	0.00
11.26	35.73	2.00	0.00	1.00	0.00	11.27	35.78	2.00	0.00	1.00	0.00
11.28	36.05	2.00	0.00	1.00	0.00	11.29	36.22	2.00	0.00	1.00	0.00
11.30	36.42	2.00	0.00	1.00	0.00	11.31	36.51	2.00	0.00	1.00	0.00
11.32	36.64	2.00	0.00	1.00	0.00	11.33	36.80	2.00	0.00	1.00	0.00
11.34	37.06	2.00	0.00	1.00	0.00	11.35	37.42	2.00	0.00	1.00	0.00
11.36	37.76	2.00	0.00	1.00	0.00	11.37	37.76	2.00	0.00	1.00	0.00
11.38	37.76	2.00	0.00	1.00	0.00	11.39	37.82	2.00	0.00	1.00	0.00
11.40	37.91	2.00	0.00	1.00	0.00	11.41	38.26	2.00	0.00	1.00	0.00
11.42	38.54	2.00	0.00	1.00	0.00	11.43	39.03	2.00	0.00	1.00	0.00
11.44	38.95	2.00	0.00	1.00	0.00	11.45	39.04	2.00	0.00	1.00	0.00
11.46	39.25	2.00	0.00	1.00	0.00	11.47	39.58	2.00	0.00	1.00	0.00
11.48	39.87	2.00	0.00	1.00	0.00	11.49	40.15	2.00	0.00	1.00	0.00
11.50	41.21	2.00	0.00	1.00	0.00	11.51	42.51	2.00	0.00	1.00	0.00
11.52	43.77	2.00	0.00	1.00	0.00	11.53	44.59	2.00	0.00	1.00	0.00
11.54	45.19	2.00	0.00	1.00	0.00	11.55	45.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
11.56	45.60	2.00	0.00	1.00	0.00	11.57	45.63	2.00	0.00	1.00	0.00
11.58	45.86	2.00	0.00	1.00	0.00	11.59	46.15	2.00	0.00	1.00	0.00
11.60	46.36	2.00	0.00	1.00	0.00	11.61	46.39	2.00	0.00	1.00	0.00
11.62	46.37	2.00	0.00	1.00	0.00	11.63	46.12	2.00	0.00	1.00	0.00
11.64	45.35	2.00	0.00	1.00	0.00	11.65	44.83	2.00	0.00	1.00	0.00
11.66	44.40	2.00	0.00	1.00	0.00	11.67	44.42	2.00	0.00	1.00	0.00
11.68	44.51	2.00	0.00	1.00	0.00	11.69	45.07	2.00	0.00	1.00	0.00
11.70	46.04	2.00	0.00	1.00	0.00	11.71	47.21	2.00	0.00	1.00	0.00
11.72	48.31	2.00	0.00	1.00	0.00	11.73	49.36	2.00	0.00	1.00	0.00
11.74	50.84	2.00	0.00	1.00	0.00	11.75	52.46	2.00	0.00	1.00	0.00
11.76	54.34	2.00	0.00	1.00	0.00	11.77	56.54	2.00	0.00	1.00	0.00
11.78	58.82	2.00	0.00	1.00	0.00	11.79	60.95	2.00	0.00	1.00	0.00
11.80	62.73	2.00	0.00	1.00	0.00	11.81	64.72	2.00	0.00	1.00	0.00
11.82	66.53	2.00	0.00	1.00	0.00	11.83	67.60	2.00	0.00	1.00	0.00
11.84	67.87	2.00	0.00	1.00	0.00	11.85	69.35	2.00	0.00	1.00	0.00
11.86	71.76	2.00	0.00	1.00	0.00	11.87	74.89	2.00	0.00	1.00	0.00
11.88	76.91	2.00	0.00	1.00	0.00	11.89	78.35	2.00	0.00	1.00	0.00
11.90	80.08	2.00	0.00	1.00	0.00	11.91	81.68	2.00	0.00	1.00	0.00
11.92	83.07	2.00	0.00	1.00	0.00	11.93	84.18	2.00	0.00	1.00	0.00
11.94	85.58	2.00	0.00	1.00	0.00	11.95	87.21	2.00	0.00	1.00	0.00
11.96	88.75	2.00	0.00	1.00	0.00	11.97	90.03	2.00	0.00	1.00	0.00
11.98	90.87	2.00	0.00	1.00	0.00	11.99	90.83	2.00	0.00	1.00	0.00
12.00	90.43	2.00	0.00	1.00	0.00	12.01	89.96	2.00	0.00	1.00	0.00
12.02	90.04	2.00	0.00	1.00	0.00	12.03	90.30	2.00	0.00	1.00	0.00
12.04	90.58	2.00	0.00	1.00	0.00	12.05	90.42	2.00	0.00	1.00	0.00
12.06	90.00	2.00	0.00	1.00	0.00	12.07	89.36	2.00	0.00	1.00	0.00
12.08	88.75	2.00	0.00	1.00	0.00	12.09	88.34	2.00	0.00	1.00	0.00
12.10	88.15	2.00	0.00	1.00	0.00	12.11	88.01	2.00	0.00	1.00	0.00
12.12	87.70	2.00	0.00	1.00	0.00	12.13	87.51	2.00	0.00	1.00	0.00
12.14	87.32	2.00	0.00	1.00	0.00	12.15	86.63	2.00	0.00	1.00	0.00
12.16	85.64	2.00	0.00	1.00	0.00	12.17	84.45	2.00	0.00	1.00	0.00
12.18	83.39	2.00	0.00	1.00	0.00	12.19	82.11	2.00	0.00	1.00	0.00
12.20	80.76	2.00	0.00	1.00	0.00	12.21	79.66	2.00	0.00	1.00	0.00
12.22	78.41	2.00	0.00	1.00	0.00	12.23	77.04	2.00	0.00	1.00	0.00
12.24	75.55	2.00	0.00	1.00	0.00	12.25	74.34	2.00	0.00	1.00	0.00
12.26	72.89	2.00	0.00	1.00	0.00	12.27	71.32	2.00	0.00	1.00	0.00
12.28	69.77	2.00	0.00	1.00	0.00	12.29	68.40	2.00	0.00	1.00	0.00
12.30	66.92	2.00	0.00	1.00	0.00	12.31	65.21	2.00	0.00	1.00	0.00
12.32	63.25	2.00	0.00	1.00	0.00	12.33	60.97	2.00	0.00	1.00	0.00
12.34	58.82	2.00	0.00	1.00	0.00	12.35	56.96	2.00	0.00	1.00	0.00
12.36	55.68	2.00	0.00	1.00	0.00	12.37	54.49	2.00	0.00	1.00	0.00
12.38	53.24	2.00	0.00	1.00	0.00	12.39	52.04	2.00	0.00	1.00	0.00
12.40	50.97	2.00	0.00	1.00	0.00	12.41	50.12	2.00	0.00	1.00	0.00
12.42	49.96	2.00	0.00	1.00	0.00	12.43	50.34	2.00	0.00	1.00	0.00
12.44	51.05	2.00	0.00	1.00	0.00	12.45	51.53	2.00	0.00	1.00	0.00
12.46	51.70	2.00	0.00	1.00	0.00	12.47	52.19	2.00	0.00	1.00	0.00
12.48	52.99	2.00	0.00	1.00	0.00	12.49	54.17	2.00	0.00	1.00	0.00
12.50	55.30	2.00	0.00	1.00	0.00	12.51	56.12	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	56.93	2.00	0.00	1.00	0.00	12.53	57.55	2.00	0.00	1.00	0.00
12.54	58.20	2.00	0.00	1.00	0.00	12.55	58.62	2.00	0.00	1.00	0.00
12.56	59.25	0.57	3.59	1.00	0.04	12.57	61.22	0.58	3.49	1.00	0.03
12.58	63.64	0.59	3.38	1.00	0.03	12.59	66.20	0.61	3.28	1.00	0.03
12.60	68.68	0.63	3.18	1.00	0.03	12.61	71.14	2.00	0.00	1.00	0.00
12.62	73.83	2.00	0.00	1.00	0.00	12.63	75.97	2.00	0.00	1.00	0.00
12.64	79.25	2.00	0.00	1.00	0.00	12.65	82.12	2.00	0.00	1.00	0.00
12.66	84.86	2.00	0.00	1.00	0.00	12.67	88.01	2.00	0.00	1.00	0.00
12.68	91.60	2.00	0.00	1.00	0.00	12.69	95.44	2.00	0.00	1.00	0.00
12.70	98.24	2.00	0.00	1.00	0.00	12.71	100.42	2.00	0.00	1.00	0.00
12.72	102.26	2.00	0.00	1.00	0.00	12.73	104.45	2.00	0.00	1.00	0.00
12.74	107.63	2.00	0.00	1.00	0.00	12.75	111.22	2.00	0.00	1.00	0.00
12.76	114.28	2.00	0.00	1.00	0.00	12.77	117.25	2.00	0.00	1.00	0.00
12.78	119.75	2.00	0.00	1.00	0.00	12.79	121.94	2.00	0.00	1.00	0.00
12.80	122.46	2.00	0.00	1.00	0.00	12.81	122.24	2.00	0.00	1.00	0.00
12.82	121.47	2.00	0.00	1.00	0.00	12.83	121.14	2.00	0.00	1.00	0.00
12.84	121.03	2.00	0.00	1.00	0.00	12.85	123.02	2.00	0.00	1.00	0.00
12.86	125.33	2.00	0.00	1.00	0.00	12.87	127.83	2.00	0.00	1.00	0.00
12.88	128.40	2.00	0.00	1.00	0.00	12.89	128.72	2.00	0.00	1.00	0.00
12.90	129.16	2.00	0.00	1.00	0.00	12.91	129.29	2.00	0.00	1.00	0.00
12.92	129.70	2.00	0.00	1.00	0.00	12.93	129.88	2.00	0.00	1.00	0.00
12.94	130.71	2.00	0.00	1.00	0.00	12.95	132.14	2.00	0.00	1.00	0.00
12.96	134.16	2.00	0.00	1.00	0.00	12.97	135.87	2.00	0.00	1.00	0.00
12.98	136.88	2.00	0.00	1.00	0.00	12.99	137.31	2.00	0.00	1.00	0.00
13.00	137.55	2.00	0.00	1.00	0.00	13.01	137.42	2.00	0.00	1.00	0.00
13.02	136.95	2.00	0.00	1.00	0.00	13.03	136.32	2.00	0.00	1.00	0.00
13.04	135.49	2.00	0.00	1.00	0.00	13.05	134.48	2.00	0.00	1.00	0.00
13.06	132.97	2.00	0.00	1.00	0.00	13.07	130.31	2.00	0.00	1.00	0.00
13.08	126.80	2.00	0.00	1.00	0.00	13.09	122.91	2.00	0.00	1.00	0.00
13.10	119.28	2.00	0.00	1.00	0.00	13.11	113.92	2.00	0.00	1.00	0.00
13.12	107.79	2.00	0.00	1.00	0.00	13.13	101.48	2.00	0.00	1.00	0.00
13.14	95.68	2.00	0.00	1.00	0.00	13.15	90.31	2.00	0.00	1.00	0.00
13.16	85.34	2.00	0.00	1.00	0.00	13.17	81.53	2.00	0.00	1.00	0.00
13.18	78.24	2.00	0.00	1.00	0.00	13.19	76.29	2.00	0.00	1.00	0.00
13.20	76.23	2.00	0.00	1.00	0.00	13.21	76.45	2.00	0.00	1.00	0.00
13.22	75.88	2.00	0.00	1.00	0.00	13.23	74.49	2.00	0.00	1.00	0.00
13.24	73.87	2.00	0.00	1.00	0.00	13.25	74.88	2.00	0.00	1.00	0.00
13.26	77.70	2.00	0.00	1.00	0.00	13.27	83.10	2.00	0.00	1.00	0.00
13.28	88.32	2.00	0.00	1.00	0.00	13.29	92.80	2.00	0.00	1.00	0.00
13.30	95.51	2.00	0.00	1.00	0.00	13.31	97.37	2.00	0.00	1.00	0.00
13.32	98.42	2.00	0.00	1.00	0.00	13.33	98.08	2.00	0.00	1.00	0.00
13.34	97.81	2.00	0.00	1.00	0.00	13.35	98.25	2.00	0.00	1.00	0.00
13.36	99.71	2.00	0.00	1.00	0.00	13.37	101.93	2.00	0.00	1.00	0.00
13.38	103.52	2.00	0.00	1.00	0.00	13.39	104.33	2.00	0.00	1.00	0.00
13.40	103.91	2.00	0.00	1.00	0.00	13.41	103.40	2.00	0.00	1.00	0.00
13.42	102.71	2.00	0.00	1.00	0.00	13.43	101.03	2.00	0.00	1.00	0.00
13.44	98.66	2.00	0.00	1.00	0.00	13.45	96.20	2.00	0.00	1.00	0.00
13.46	94.91	2.00	0.00	1.00	0.00	13.47	94.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	93.73	2.00	0.00	1.00	0.00	13.49	92.48	2.00	0.00	1.00	0.00
13.50	90.71	2.00	0.00	1.00	0.00	13.51	87.86	2.00	0.00	1.00	0.00
13.52	82.76	2.00	0.00	1.00	0.00	13.53	77.16	0.73	2.89	1.00	0.03
13.54	72.21	0.69	3.05	1.00	0.03	13.55	71.17	0.68	3.09	1.00	0.03
13.56	71.57	0.68	3.07	1.00	0.03	13.57	72.93	0.69	3.03	1.00	0.03
13.58	75.00	0.71	2.96	1.00	0.03	13.59	76.94	0.73	2.90	1.00	0.03
13.60	77.24	0.74	2.89	1.00	0.03	13.61	75.39	0.72	2.95	1.00	0.03
13.62	72.64	2.00	0.00	1.00	0.00	13.63	70.74	2.00	0.00	1.00	0.00
13.64	69.78	2.00	0.00	1.00	0.00	13.65	69.66	2.00	0.00	1.00	0.00
13.66	70.31	2.00	0.00	1.00	0.00	13.67	71.17	0.68	3.09	1.00	0.03
13.68	71.97	0.69	3.06	1.00	0.03	13.69	73.29	0.70	3.01	1.00	0.03
13.70	75.04	0.72	2.96	1.00	0.03	13.71	77.47	0.74	2.88	1.00	0.03
13.72	79.50	0.76	2.82	1.00	0.03	13.73	80.52	0.77	2.79	1.00	0.03
13.74	80.28	2.00	0.00	1.00	0.00	13.75	79.00	2.00	0.00	1.00	0.00
13.76	78.27	2.00	0.00	1.00	0.00	13.77	78.55	2.00	0.00	1.00	0.00
13.78	80.49	2.00	0.00	1.00	0.00	13.79	82.54	0.80	2.69	1.00	0.03
13.80	84.45	0.82	2.60	1.00	0.03	13.81	86.41	0.85	2.51	1.00	0.03
13.82	88.46	0.87	1.88	1.00	0.02	13.83	90.01	0.90	1.83	1.00	0.02
13.84	90.49	0.90	1.82	1.00	0.02	13.85	91.47	0.92	1.79	1.00	0.02
13.86	92.81	0.94	1.75	1.00	0.02	13.87	94.10	0.96	0.93	1.00	0.01
13.88	94.60	0.96	0.93	1.00	0.01	13.89	95.03	0.97	0.93	1.00	0.01
13.90	94.66	0.97	0.93	1.00	0.01	13.91	92.64	0.94	1.76	1.00	0.02
13.92	89.44	0.89	1.85	1.00	0.02	13.93	86.16	0.85	2.53	1.00	0.03
13.94	83.46	0.82	2.65	1.00	0.03	13.95	80.50	2.00	0.00	1.00	0.00
13.96	78.50	2.00	0.00	1.00	0.00	13.97	79.12	2.00	0.00	1.00	0.00
13.98	82.05	2.00	0.00	1.00	0.00	13.99	85.50	2.00	0.00	1.00	0.00
14.00	87.40	2.00	0.00	1.00	0.00	14.01	88.51	2.00	0.00	1.00	0.00
14.02	89.23	2.00	0.00	1.00	0.00	14.03	89.62	2.00	0.00	1.00	0.00
14.04	89.06	2.00	0.00	1.00	0.00	14.05	86.65	2.00	0.00	1.00	0.00
14.06	84.00	2.00	0.00	1.00	0.00	14.07	82.10	0.81	2.71	1.00	0.03
14.08	82.68	0.81	2.68	1.00	0.03	14.09	84.20	0.83	2.61	1.00	0.03
14.10	86.24	0.86	1.95	1.00	0.02	14.11	87.94	0.88	1.90	1.00	0.02
14.12	89.42	0.90	1.85	1.00	0.02	14.13	90.17	0.91	1.83	1.00	0.02
14.14	89.12	0.90	1.86	1.00	0.02	14.15	85.31	0.85	2.56	1.00	0.03
14.16	79.83	0.78	2.81	1.00	0.03	14.17	75.77	0.74	2.93	1.00	0.03
14.18	75.13	0.74	2.95	1.00	0.03	14.19	78.32	0.77	2.86	1.00	0.03
14.20	81.47	0.80	2.74	1.00	0.03	14.21	84.22	0.84	2.61	1.00	0.03
14.22	84.43	0.84	2.60	1.00	0.03	14.23	83.97	0.83	2.62	1.00	0.03
14.24	83.56	0.83	2.64	1.00	0.03	14.25	85.11	2.00	0.00	1.00	0.00
14.26	87.15	2.00	0.00	1.00	0.00	14.27	88.77	2.00	0.00	1.00	0.00
14.28	88.92	2.00	0.00	1.00	0.00	14.29	88.03	2.00	0.00	1.00	0.00
14.30	85.88	2.00	0.00	1.00	0.00	14.31	83.16	2.00	0.00	1.00	0.00
14.32	81.22	2.00	0.00	1.00	0.00	14.33	81.11	2.00	0.00	1.00	0.00
14.34	82.00	2.00	0.00	1.00	0.00	14.35	81.38	2.00	0.00	1.00	0.00
14.36	80.42	2.00	0.00	1.00	0.00	14.37	80.04	2.00	0.00	1.00	0.00
14.38	81.44	2.00	0.00	1.00	0.00	14.39	82.54	2.00	0.00	1.00	0.00
14.40	82.89	2.00	0.00	1.00	0.00	14.41	82.79	2.00	0.00	1.00	0.00
14.42	82.66	2.00	0.00	1.00	0.00	14.43	82.31	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	81.50	2.00	0.00	1.00	0.00	14.45	80.35	2.00	0.00	1.00	0.00
14.46	78.95	2.00	0.00	1.00	0.00	14.47	78.22	2.00	0.00	1.00	0.00
14.48	77.94	2.00	0.00	1.00	0.00	14.49	78.21	2.00	0.00	1.00	0.00
14.50	78.72	0.79	2.84	1.00	0.03	14.51	79.01	0.79	2.83	1.00	0.03
14.52	79.00	0.79	2.83	1.00	0.03	14.53	77.73	2.00	0.00	1.00	0.00
14.54	76.61	2.00	0.00	1.00	0.00	14.55	75.76	2.00	0.00	1.00	0.00
14.56	76.23	2.00	0.00	1.00	0.00	14.57	76.98	2.00	0.00	1.00	0.00
14.58	77.45	2.00	0.00	1.00	0.00	14.59	77.11	2.00	0.00	1.00	0.00
14.60	75.90	2.00	0.00	1.00	0.00	14.61	74.22	2.00	0.00	1.00	0.00
14.62	73.83	2.00	0.00	1.00	0.00	14.63	75.07	2.00	0.00	1.00	0.00
14.64	77.42	2.00	0.00	1.00	0.00	14.65	79.27	2.00	0.00	1.00	0.00
14.66	79.87	2.00	0.00	1.00	0.00	14.67	79.64	2.00	0.00	1.00	0.00
14.68	78.54	2.00	0.00	1.00	0.00	14.69	77.27	2.00	0.00	1.00	0.00
14.70	75.82	2.00	0.00	1.00	0.00	14.71	73.82	2.00	0.00	1.00	0.00
14.72	71.77	2.00	0.00	1.00	0.00	14.73	69.91	2.00	0.00	1.00	0.00
14.74	68.96	2.00	0.00	1.00	0.00	14.75	68.39	2.00	0.00	1.00	0.00
14.76	68.62	2.00	0.00	1.00	0.00	14.77	69.36	2.00	0.00	1.00	0.00
14.78	71.22	2.00	0.00	1.00	0.00	14.79	73.13	2.00	0.00	1.00	0.00
14.80	75.72	2.00	0.00	1.00	0.00	14.81	78.25	2.00	0.00	1.00	0.00
14.82	80.11	2.00	0.00	1.00	0.00	14.83	81.03	2.00	0.00	1.00	0.00
14.84	81.03	2.00	0.00	1.00	0.00	14.85	83.50	2.00	0.00	1.00	0.00
14.86	85.88	2.00	0.00	1.00	0.00	14.87	88.30	2.00	0.00	1.00	0.00
14.88	88.85	2.00	0.00	1.00	0.00	14.89	90.03	0.94	1.83	1.00	0.02
14.90	91.25	0.96	0.96	1.00	0.01	14.91	90.78	0.96	0.97	1.00	0.01
14.92	89.31	0.93	1.85	1.00	0.02	14.93	87.56	0.91	1.91	1.00	0.02
14.94	85.82	0.89	1.97	1.00	0.02	14.95	84.31	0.87	2.02	1.00	0.02
14.96	83.03	0.85	2.06	1.00	0.02	14.97	80.01	0.82	2.81	1.00	0.03
14.98	76.28	0.78	2.92	1.00	0.03	14.99	71.83	0.73	3.06	1.00	0.03
15.00	68.56	0.71	3.18	1.00	0.03	15.01	65.93	2.00	0.00	1.00	0.00
15.02	63.65	2.00	0.00	1.00	0.00	15.03	62.52	2.00	0.00	1.00	0.00
15.04	61.58	2.00	0.00	1.00	0.00	15.05	62.22	2.00	0.00	1.00	0.00
15.06	63.93	2.00	0.00	1.00	0.00	15.07	66.46	2.00	0.00	1.00	0.00
15.08	68.98	2.00	0.00	1.00	0.00	15.09	71.23	2.00	0.00	1.00	0.00
15.10	73.09	2.00	0.00	1.00	0.00	15.11	74.35	2.00	0.00	1.00	0.00
15.12	75.67	2.00	0.00	1.00	0.00	15.13	77.38	2.00	0.00	1.00	0.00
15.14	79.56	2.00	0.00	1.00	0.00	15.15	82.43	2.00	0.00	1.00	0.00
15.16	86.41	2.00	0.00	1.00	0.00	15.17	89.51	2.00	0.00	1.00	0.00
15.18	91.11	2.00	0.00	1.00	0.00	15.19	90.37	2.00	0.00	1.00	0.00
15.20	89.62	2.00	0.00	1.00	0.00	15.21	90.30	2.00	0.00	1.00	0.00
15.22	91.87	2.00	0.00	1.00	0.00	15.23	93.20	2.00	0.00	1.00	0.00
15.24	93.60	2.00	0.00	1.00	0.00	15.25	92.96	2.00	0.00	1.00	0.00
15.26	91.87	2.00	0.00	1.00	0.00	15.27	90.79	2.00	0.00	1.00	0.00
15.28	87.29	2.00	0.00	1.00	0.00	15.29	83.23	2.00	0.00	1.00	0.00
15.30	78.93	2.00	0.00	1.00	0.00	15.31	77.09	2.00	0.00	1.00	0.00
15.32	76.06	2.00	0.00	1.00	0.00	15.33	75.93	2.00	0.00	1.00	0.00
15.34	64.84	2.00	0.00	1.00	0.00	15.35	66.24	2.00	0.00	1.00	0.00
15.36	66.91	2.00	0.00	1.00	0.00	15.37	78.71	2.00	0.00	1.00	0.00
15.38	78.73	2.00	0.00	1.00	0.00	15.39	78.51	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	78.10	2.00	0.00	1.00	0.00	15.41	77.15	2.00	0.00	1.00	0.00
15.42	76.15	2.00	0.00	1.00	0.00	15.43	75.20	2.00	0.00	1.00	0.00
15.44	74.85	2.00	0.00	1.00	0.00	15.45	74.59	2.00	0.00	1.00	0.00
15.46	74.43	2.00	0.00	1.00	0.00	15.47	74.38	2.00	0.00	1.00	0.00
15.48	74.33	2.00	0.00	1.00	0.00	15.49	74.31	2.00	0.00	1.00	0.00
15.50	74.33	2.00	0.00	1.00	0.00	15.51	74.39	2.00	0.00	1.00	0.00
15.52	74.53	2.00	0.00	1.00	0.00	15.53	74.68	2.00	0.00	1.00	0.00
15.54	74.93	2.00	0.00	1.00	0.00	15.55	75.34	2.00	0.00	1.00	0.00
15.56	75.95	2.00	0.00	1.00	0.00	15.57	76.72	2.00	0.00	1.00	0.00
15.58	66.41	2.00	0.00	1.00	0.00	15.59	68.72	2.00	0.00	1.00	0.00
15.60	71.30	2.00	0.00	1.00	0.00	15.61	74.57	2.00	0.00	1.00	0.00
15.62	78.20	2.00	0.00	1.00	0.00	15.63	82.13	2.00	0.00	1.00	0.00
15.64	86.36	2.00	0.00	1.00	0.00	15.65	90.58	2.00	0.00	1.00	0.00
15.66	94.73	2.00	0.00	1.00	0.00	15.67	98.72	2.00	0.00	1.00	0.00
15.68	102.64	2.00	0.00	1.00	0.00	15.69	107.72	2.00	0.00	1.00	0.00
15.70	111.88	2.00	0.00	1.00	0.00	15.71	116.35	2.00	0.00	1.00	0.00
15.72	119.22	2.00	0.00	1.00	0.00	15.73	121.20	2.00	0.00	1.00	0.00
15.74	121.57	2.00	0.00	1.00	0.00	15.75	121.03	2.00	0.00	1.00	0.00
15.76	119.91	2.00	0.00	1.00	0.00	15.77	118.71	2.00	0.00	1.00	0.00
15.78	116.87	2.00	0.00	1.00	0.00	15.79	114.86	2.00	0.00	1.00	0.00
15.80	112.36	2.00	0.00	1.00	0.00	15.81	110.70	2.00	0.00	1.00	0.00
15.82	109.63	2.00	0.00	1.00	0.00	15.83	109.42	2.00	0.00	1.00	0.00
15.84	109.19	2.00	0.00	1.00	0.00	15.85	109.03	2.00	0.00	1.00	0.00
15.86	108.86	2.00	0.00	1.00	0.00	15.87	108.78	2.00	0.00	1.00	0.00
15.88	108.15	2.00	0.00	1.00	0.00	15.89	106.93	2.00	0.00	1.00	0.00
15.90	105.10	2.00	0.00	1.00	0.00	15.91	101.90	2.00	0.00	1.00	0.00
15.92	98.30	2.00	0.00	1.00	0.00	15.93	94.38	2.00	0.00	1.00	0.00
15.94	90.76	2.00	0.00	1.00	0.00	15.95	87.47	2.00	0.00	1.00	0.00
15.96	84.59	2.00	0.00	1.00	0.00	15.97	82.29	2.00	0.00	1.00	0.00
15.98	89.90	2.00	0.00	1.00	0.00	15.99	88.45	2.00	0.00	1.00	0.00
16.00	86.85	2.00	0.00	1.00	0.00	16.01	85.15	2.00	0.00	1.00	0.00
16.02	83.28	2.00	0.00	1.00	0.00	16.03	81.68	2.00	0.00	1.00	0.00
16.04	79.48	2.00	0.00	1.00	0.00	16.05	77.33	2.00	0.00	1.00	0.00
16.06	75.35	2.00	0.00	1.00	0.00	16.07	74.04	2.00	0.00	1.00	0.00
16.08	72.54	2.00	0.00	1.00	0.00	16.09	71.27	2.00	0.00	1.00	0.00
16.10	70.25	2.00	0.00	1.00	0.00	16.11	69.42	2.00	0.00	1.00	0.00
16.12	68.62	2.00	0.00	1.00	0.00	16.13	67.79	2.00	0.00	1.00	0.00
16.14	67.13	2.00	0.00	1.00	0.00	16.15	66.54	2.00	0.00	1.00	0.00
16.16	66.03	2.00	0.00	1.00	0.00	16.17	65.70	2.00	0.00	1.00	0.00
16.18	65.21	2.00	0.00	1.00	0.00	16.19	64.69	2.00	0.00	1.00	0.00
16.20	64.16	2.00	0.00	1.00	0.00	16.21	63.74	2.00	0.00	1.00	0.00
16.22	63.26	2.00	0.00	1.00	0.00	16.23	62.73	2.00	0.00	1.00	0.00
16.24	62.21	2.00	0.00	1.00	0.00	16.25	61.84	2.00	0.00	1.00	0.00
16.26	61.60	2.00	0.00	1.00	0.00	16.27	61.46	2.00	0.00	1.00	0.00
16.28	61.37	2.00	0.00	1.00	0.00	16.29	61.27	2.00	0.00	1.00	0.00
16.30	61.15	2.00	0.00	1.00	0.00	16.31	60.95	2.00	0.00	1.00	0.00
16.32	60.79	2.00	0.00	1.00	0.00	16.33	60.69	2.00	0.00	1.00	0.00
16.34	60.55	2.00	0.00	1.00	0.00	16.35	60.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.19	2.00	0.00	1.00	0.00	16.37	60.04	2.00	0.00	1.00	0.00
16.38	59.93	2.00	0.00	1.00	0.00	16.39	59.82	2.00	0.00	1.00	0.00
16.40	59.80	2.00	0.00	1.00	0.00	16.41	59.75	2.00	0.00	1.00	0.00
16.42	59.62	2.00	0.00	1.00	0.00	16.43	59.43	2.00	0.00	1.00	0.00
16.44	59.20	2.00	0.00	1.00	0.00	16.45	59.01	2.00	0.00	1.00	0.00
16.46	58.86	2.00	0.00	1.00	0.00	16.47	58.75	2.00	0.00	1.00	0.00
16.48	58.65	2.00	0.00	1.00	0.00	16.49	58.60	2.00	0.00	1.00	0.00
16.50	58.59	2.00	0.00	1.00	0.00	16.51	58.46	2.00	0.00	1.00	0.00
16.52	58.26	2.00	0.00	1.00	0.00	16.53	58.06	2.00	0.00	1.00	0.00
16.54	57.98	2.00	0.00	1.00	0.00	16.55	57.92	2.00	0.00	1.00	0.00
16.56	57.84	2.00	0.00	1.00	0.00	16.57	57.84	2.00	0.00	1.00	0.00
16.58	57.90	2.00	0.00	1.00	0.00	16.59	58.05	2.00	0.00	1.00	0.00
16.60	58.26	2.00	0.00	1.00	0.00	16.61	58.49	2.00	0.00	1.00	0.00
16.62	58.63	2.00	0.00	1.00	0.00	16.63	58.65	2.00	0.00	1.00	0.00
16.64	58.64	2.00	0.00	1.00	0.00	16.65	58.64	2.00	0.00	1.00	0.00
16.66	58.58	2.00	0.00	1.00	0.00	16.67	58.47	2.00	0.00	1.00	0.00
16.68	58.32	2.00	0.00	1.00	0.00	16.69	58.21	2.00	0.00	1.00	0.00
16.70	58.12	2.00	0.00	1.00	0.00	16.71	58.08	2.00	0.00	1.00	0.00
16.72	58.03	2.00	0.00	1.00	0.00	16.73	58.02	2.00	0.00	1.00	0.00
16.74	58.04	2.00	0.00	1.00	0.00	16.75	58.11	2.00	0.00	1.00	0.00
16.76	58.21	2.00	0.00	1.00	0.00	16.77	58.33	2.00	0.00	1.00	0.00
16.78	58.51	2.00	0.00	1.00	0.00	16.79	58.66	2.00	0.00	1.00	0.00
16.80	58.87	2.00	0.00	1.00	0.00	16.81	42.89	2.00	0.00	1.00	0.00
16.82	43.12	2.00	0.00	1.00	0.00	16.83	43.19	2.00	0.00	1.00	0.00
16.84	43.73	2.00	0.00	1.00	0.00	16.85	44.56	2.00	0.00	1.00	0.00
16.86	45.92	2.00	0.00	1.00	0.00	16.87	47.03	2.00	0.00	1.00	0.00
16.88	48.18	2.00	0.00	1.00	0.00	16.89	49.51	2.00	0.00	1.00	0.00
16.90	50.94	2.00	0.00	1.00	0.00	16.91	52.43	2.00	0.00	1.00	0.00
16.92	54.05	2.00	0.00	1.00	0.00	16.93	55.67	2.00	0.00	1.00	0.00
16.94	57.27	2.00	0.00	1.00	0.00	16.95	58.69	2.00	0.00	1.00	0.00
16.96	60.01	2.00	0.00	1.00	0.00	16.97	61.38	2.00	0.00	1.00	0.00
16.98	62.76	2.00	0.00	1.00	0.00	16.99	64.17	2.00	0.00	1.00	0.00
17.00	65.41	2.00	0.00	1.00	0.00	17.01	66.46	2.00	0.00	1.00	0.00
17.02	67.37	2.00	0.00	1.00	0.00	17.03	68.35	2.00	0.00	1.00	0.00
17.04	69.39	2.00	0.00	1.00	0.00	17.05	70.44	2.00	0.00	1.00	0.00
17.06	71.38	2.00	0.00	1.00	0.00	17.07	72.06	2.00	0.00	1.00	0.00
17.08	73.00	2.00	0.00	1.00	0.00	17.09	73.94	2.00	0.00	1.00	0.00
17.10	74.82	2.00	0.00	1.00	0.00	17.11	75.57	2.00	0.00	1.00	0.00
17.12	76.29	2.00	0.00	1.00	0.00	17.13	76.87	2.00	0.00	1.00	0.00
17.14	77.08	2.00	0.00	1.00	0.00	17.15	77.00	2.00	0.00	1.00	0.00
17.16	76.74	2.00	0.00	1.00	0.00	17.17	76.09	2.00	0.00	1.00	0.00
17.18	74.83	2.00	0.00	1.00	0.00	17.19	73.31	2.00	0.00	1.00	0.00
17.20	72.22	2.00	0.00	1.00	0.00	17.21	72.11	2.00	0.00	1.00	0.00
17.22	72.42	2.00	0.00	1.00	0.00	17.23	73.48	2.00	0.00	1.00	0.00
17.24	74.85	2.00	0.00	1.00	0.00	17.25	77.08	2.00	0.00	1.00	0.00
17.26	78.79	2.00	0.00	1.00	0.00	17.27	80.22	2.00	0.00	1.00	0.00
17.28	80.87	2.00	0.00	1.00	0.00	17.29	81.28	2.00	0.00	1.00	0.00
17.30	81.31	2.00	0.00	1.00	0.00	17.31	81.29	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	81.27	2.00	0.00	1.00	0.00	17.33	81.33	2.00	0.00	1.00	0.00
17.34	81.34	2.00	0.00	1.00	0.00	17.35	81.54	2.00	0.00	1.00	0.00
17.36	81.86	2.00	0.00	1.00	0.00	17.37	82.36	2.00	0.00	1.00	0.00
17.38	82.74	2.00	0.00	1.00	0.00	17.39	83.03	2.00	0.00	1.00	0.00
17.40	83.04	2.00	0.00	1.00	0.00	17.41	82.31	2.00	0.00	1.00	0.00
17.42	81.01	2.00	0.00	1.00	0.00	17.43	89.61	2.00	0.00	1.00	0.00
17.44	90.43	2.00	0.00	1.00	0.00	17.45	91.97	2.00	0.00	1.00	0.00
17.46	93.87	2.00	0.00	1.00	0.00	17.47	95.93	2.00	0.00	1.00	0.00
17.48	97.88	2.00	0.00	1.00	0.00	17.49	100.26	2.00	0.00	1.00	0.00
17.50	102.10	2.00	0.00	1.00	0.00	17.51	104.09	2.00	0.00	1.00	0.00
17.52	100.38	2.00	0.00	1.00	0.00	17.53	103.27	2.00	0.00	1.00	0.00
17.54	106.36	2.00	0.00	1.00	0.00	17.55	110.88	2.00	0.00	1.00	0.00
17.56	115.84	2.00	0.00	1.00	0.00	17.57	120.64	2.00	0.00	1.00	0.00
17.58	126.08	2.00	0.00	1.00	0.00	17.59	131.33	2.00	0.00	1.00	0.00
17.60	136.40	2.00	0.00	1.00	0.00	17.61	139.07	2.00	0.00	1.00	0.00
17.62	141.07	2.00	0.00	1.00	0.00	17.63	141.75	2.00	0.00	1.00	0.00
17.64	141.88	2.00	0.00	1.00	0.00	17.65	141.40	2.00	0.00	1.00	0.00
17.66	140.22	2.00	0.00	1.00	0.00	17.67	138.91	2.00	0.00	1.00	0.00
17.68	137.45	2.00	0.00	1.00	0.00	17.69	136.21	2.00	0.00	1.00	0.00
17.70	135.03	2.00	0.00	1.00	0.00	17.71	133.82	2.00	0.00	1.00	0.00
17.72	133.04	2.00	0.00	1.00	0.00	17.73	132.60	2.00	0.00	1.00	0.00
17.74	132.73	2.00	0.00	1.00	0.00	17.75	133.26	2.00	0.00	1.00	0.00
17.76	134.25	2.00	0.00	1.00	0.00	17.77	135.41	2.00	0.00	1.00	0.00
17.78	136.28	2.00	0.00	1.00	0.00	17.79	136.59	2.00	0.00	1.00	0.00
17.80	136.38	2.00	0.00	1.00	0.00	17.81	136.00	2.00	0.00	1.00	0.00
17.82	135.61	2.00	0.00	1.00	0.00	17.83	135.38	2.00	0.00	1.00	0.00
17.84	130.92	2.00	0.00	1.00	0.00	17.85	125.37	2.00	0.00	1.00	0.00
17.86	118.70	2.00	0.00	1.00	0.00	17.87	115.38	2.00	0.00	1.00	0.00
17.88	111.81	2.00	0.00	1.00	0.00	17.89	108.86	2.00	0.00	1.00	0.00
17.90	106.15	2.00	0.00	1.00	0.00	17.91	104.18	2.00	0.00	1.00	0.00
17.92	101.65	2.00	0.00	1.00	0.00	17.93	104.74	2.00	0.00	1.00	0.00
17.94	101.49	2.00	0.00	1.00	0.00	17.95	97.91	2.00	0.00	1.00	0.00
17.96	95.39	2.00	0.00	1.00	0.00	17.97	94.99	2.00	0.00	1.00	0.00
17.98	97.79	2.00	0.00	1.00	0.00	17.99	101.90	2.00	0.00	1.00	0.00
18.00	106.34	2.00	0.00	1.00	0.00	18.01	109.22	2.00	0.00	1.00	0.00
18.02	111.10	2.00	0.00	1.00	0.00	18.03	110.98	2.00	0.00	1.00	0.00
18.04	110.26	2.00	0.00	1.00	0.00	18.05	109.39	2.00	0.00	1.00	0.00
18.06	108.56	2.00	0.00	1.00	0.00	18.07	107.73	2.00	0.00	1.00	0.00
18.08	106.89	2.00	0.00	1.00	0.00	18.09	105.66	2.00	0.00	1.00	0.00
18.10	104.12	2.00	0.00	1.00	0.00	18.11	102.28	2.00	0.00	1.00	0.00
18.12	100.54	2.00	0.00	1.00	0.00	18.13	91.70	2.00	0.00	1.00	0.00
18.14	91.10	2.00	0.00	1.00	0.00	18.15	90.34	2.00	0.00	1.00	0.00
18.16	89.49	2.00	0.00	1.00	0.00	18.17	88.56	2.00	0.00	1.00	0.00
18.18	87.65	2.00	0.00	1.00	0.00	18.19	86.79	2.00	0.00	1.00	0.00
18.20	86.12	2.00	0.00	1.00	0.00	18.21	85.79	2.00	0.00	1.00	0.00
18.22	85.56	2.00	0.00	1.00	0.00	18.23	85.46	2.00	0.00	1.00	0.00
18.24	85.46	2.00	0.00	1.00	0.00	18.25	85.46	2.00	0.00	1.00	0.00
18.26	84.81	2.00	0.00	1.00	0.00	18.27	83.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	91.43	2.00	0.00	1.00	0.00	18.29	90.22	2.00	0.00	1.00	0.00
18.30	88.94	2.00	0.00	1.00	0.00	18.31	87.61	2.00	0.00	1.00	0.00
18.32	86.27	2.00	0.00	1.00	0.00	18.33	85.09	2.00	0.00	1.00	0.00
18.34	84.08	2.00	0.00	1.00	0.00	18.35	83.36	2.00	0.00	1.00	0.00
18.36	82.79	2.00	0.00	1.00	0.00	18.37	82.30	2.00	0.00	1.00	0.00
18.38	82.03	2.00	0.00	1.00	0.00	18.39	81.76	2.00	0.00	1.00	0.00
18.40	81.58	2.00	0.00	1.00	0.00	18.41	81.52	2.00	0.00	1.00	0.00
18.42	81.69	2.00	0.00	1.00	0.00	18.43	82.41	2.00	0.00	1.00	0.00
18.44	83.40	2.00	0.00	1.00	0.00	18.45	74.23	2.00	0.00	1.00	0.00
18.46	75.84	2.00	0.00	1.00	0.00	18.47	77.12	2.00	0.00	1.00	0.00
18.48	78.00	2.00	0.00	1.00	0.00	18.49	78.06	2.00	0.00	1.00	0.00
18.50	77.81	2.00	0.00	1.00	0.00	18.51	76.81	2.00	0.00	1.00	0.00
18.52	75.63	2.00	0.00	1.00	0.00	18.53	73.96	2.00	0.00	1.00	0.00
18.54	72.80	2.00	0.00	1.00	0.00	18.55	72.01	2.00	0.00	1.00	0.00
18.56	72.52	2.00	0.00	1.00	0.00	18.57	73.63	2.00	0.00	1.00	0.00
18.58	75.09	2.00	0.00	1.00	0.00	18.59	76.41	2.00	0.00	1.00	0.00
18.60	76.96	2.00	0.00	1.00	0.00	18.61	76.47	2.00	0.00	1.00	0.00
18.62	85.62	2.00	0.00	1.00	0.00	18.63	84.92	2.00	0.00	1.00	0.00
18.64	83.70	2.00	0.00	1.00	0.00	18.65	81.84	2.00	0.00	1.00	0.00
18.66	78.71	2.00	0.00	1.00	0.00	18.67	76.05	2.00	0.00	1.00	0.00
18.68	74.56	2.00	0.00	1.00	0.00	18.69	75.23	2.00	0.00	1.00	0.00
18.70	76.76	2.00	0.00	1.00	0.00	18.71	79.52	2.00	0.00	1.00	0.00
18.72	82.48	2.00	0.00	1.00	0.00	18.73	85.52	2.00	0.00	1.00	0.00
18.74	87.58	2.00	0.00	1.00	0.00	18.75	89.68	2.00	0.00	1.00	0.00
18.76	91.46	2.00	0.00	1.00	0.00	18.77	91.88	2.00	0.00	1.00	0.00
18.78	90.99	2.00	0.00	1.00	0.00	18.79	88.94	2.00	0.00	1.00	0.00
18.80	86.42	2.00	0.00	1.00	0.00	18.81	83.85	2.00	0.00	1.00	0.00
18.82	81.90	2.00	0.00	1.00	0.00	18.83	81.24	2.00	0.00	1.00	0.00
18.84	78.03	2.00	0.00	1.00	0.00	18.85	62.63	2.00	0.00	1.00	0.00
18.86	58.51	2.00	0.00	1.00	0.00	18.87	56.43	2.00	0.00	1.00	0.00
18.88	54.03	2.00	0.00	1.00	0.00	18.89	51.21	2.00	0.00	1.00	0.00
18.90	64.21	2.00	0.00	1.00	0.00	18.91	62.95	2.00	0.00	1.00	0.00
18.92	61.96	2.00	0.00	1.00	0.00	18.93	62.02	2.00	0.00	1.00	0.00
18.94	63.24	2.00	0.00	1.00	0.00	18.95	66.10	2.00	0.00	1.00	0.00
18.96	70.11	2.00	0.00	1.00	0.00	18.97	74.25	2.00	0.00	1.00	0.00
18.98	76.95	2.00	0.00	1.00	0.00	18.99	79.97	2.00	0.00	1.00	0.00
19.00	82.73	2.00	0.00	1.00	0.00	19.01	85.45	2.00	0.00	1.00	0.00
19.02	87.01	2.00	0.00	1.00	0.00	19.03	88.37	2.00	0.00	1.00	0.00
19.04	89.08	2.00	0.00	1.00	0.00	19.05	88.88	2.00	0.00	1.00	0.00
19.06	88.10	2.00	0.00	1.00	0.00	19.07	86.39	2.00	0.00	1.00	0.00
19.08	84.55	2.00	0.00	1.00	0.00	19.09	82.33	2.00	0.00	1.00	0.00
19.10	80.15	2.00	0.00	1.00	0.00	19.11	77.53	2.00	0.00	1.00	0.00
19.12	75.05	2.00	0.00	1.00	0.00	19.13	73.30	2.00	0.00	1.00	0.00
19.14	70.99	2.00	0.00	1.00	0.00	19.15	67.19	2.00	0.00	1.00	0.00
19.16	62.28	2.00	0.00	1.00	0.00	19.17	57.99	2.00	0.00	1.00	0.00
19.18	54.41	2.00	0.00	1.00	0.00	19.19	51.55	2.00	0.00	1.00	0.00
19.20	49.30	2.00	0.00	1.00	0.00	19.21	51.52	2.00	0.00	1.00	0.00
19.22	41.28	2.00	0.00	1.00	0.00	19.23	56.84	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	71.31	2.00	0.00	1.00	0.00	19.25	83.80	2.00	0.00	1.00	0.00
19.26	90.39	2.00	0.00	1.00	0.00	19.27	92.50	2.00	0.00	1.00	0.00
19.28	92.92	2.00	0.00	1.00	0.00	19.29	92.31	2.00	0.00	1.00	0.00
19.30	91.04	2.00	0.00	1.00	0.00	19.31	89.46	2.00	0.00	1.00	0.00
19.32	87.08	2.00	0.00	1.00	0.00	19.33	84.49	2.00	0.00	1.00	0.00
19.34	81.75	2.00	0.00	1.00	0.00	19.35	79.86	2.00	0.00	1.00	0.00
19.36	78.76	2.00	0.00	1.00	0.00	19.37	78.31	2.00	0.00	1.00	0.00
19.38	78.28	2.00	0.00	1.00	0.00	19.39	78.72	2.00	0.00	1.00	0.00
19.40	79.38	2.00	0.00	1.00	0.00	19.41	80.40	2.00	0.00	1.00	0.00
19.42	81.77	2.00	0.00	1.00	0.00	19.43	83.27	2.00	0.00	1.00	0.00
19.44	84.64	2.00	0.00	1.00	0.00	19.45	86.50	2.00	0.00	1.00	0.00
19.46	89.43	2.00	0.00	1.00	0.00	19.47	92.72	2.00	0.00	1.00	0.00
19.48	96.47	2.00	0.00	1.00	0.00	19.49	99.44	2.00	0.00	1.00	0.00
19.50	102.92	2.00	0.00	1.00	0.00	19.51	105.58	2.00	0.00	1.00	0.00
19.52	107.90	2.00	0.00	1.00	0.00	19.53	109.59	2.00	0.00	1.00	0.00
19.54	110.56	2.00	0.00	1.00	0.00	19.55	111.24	2.00	0.00	1.00	0.00
19.56	111.32	2.00	0.00	1.00	0.00	19.57	111.28	2.00	0.00	1.00	0.00
19.58	111.19	2.00	0.00	1.00	0.00	19.59	110.92	2.00	0.00	1.00	0.00
19.60	110.60	2.00	0.00	1.00	0.00	19.61	110.13	2.00	0.00	1.00	0.00
19.62	109.73	2.00	0.00	1.00	0.00	19.63	108.97	2.00	0.00	1.00	0.00
19.64	108.05	2.00	0.00	1.00	0.00	19.65	106.14	2.00	0.00	1.00	0.00
19.66	103.36	2.00	0.00	1.00	0.00	19.67	100.23	2.00	0.00	1.00	0.00
19.68	96.51	2.00	0.00	1.00	0.00	19.69	93.13	2.00	0.00	1.00	0.00
19.70	97.40	2.00	0.00	1.00	0.00	19.71	94.73	2.00	0.00	1.00	0.00
19.72	91.39	2.00	0.00	1.00	0.00	19.73	88.11	2.00	0.00	1.00	0.00
19.74	85.65	2.00	0.00	1.00	0.00	19.75	83.46	2.00	0.00	1.00	0.00
19.76	81.42	2.00	0.00	1.00	0.00	19.77	79.23	2.00	0.00	1.00	0.00
19.78	77.74	2.00	0.00	1.00	0.00	19.79	76.34	2.00	0.00	1.00	0.00
19.80	75.44	2.00	0.00	1.00	0.00	19.81	74.87	2.00	0.00	1.00	0.00
19.82	74.68	2.00	0.00	1.00	0.00	19.83	72.98	2.00	0.00	1.00	0.00
19.84	71.19	2.00	0.00	1.00	0.00	19.85	69.05	2.00	0.00	1.00	0.00
19.86	68.46	2.00	0.00	1.00	0.00	19.87	67.74	2.00	0.00	1.00	0.00
19.88	67.17	2.00	0.00	1.00	0.00	19.89	66.72	2.00	0.00	1.00	0.00
19.90	66.40	2.00	0.00	1.00	0.00	19.91	66.38	2.00	0.00	1.00	0.00
19.92	66.54	2.00	0.00	1.00	0.00	19.93	53.67	2.00	0.00	1.00	0.00
19.94	55.36	2.00	0.00	1.00	0.00	19.95	56.79	2.00	0.00	1.00	0.00
19.96	57.64	2.00	0.00	1.00	0.00	19.97	56.62	2.00	0.00	1.00	0.00
19.98	54.65	2.00	0.00	1.00	0.00	19.99	51.63	2.00	0.00	1.00	0.00
20.00	62.43	2.00	0.00	1.00	0.00	20.01	60.42	2.00	0.00	1.00	0.00
20.02	59.83	2.00	0.00	1.00	0.00	20.03	61.70	2.00	0.00	1.00	0.00
20.04	65.06	2.00	0.00	1.00	0.00	20.05	69.35	2.00	0.00	1.00	0.00
20.06	73.33	2.00	0.00	1.00	0.00	20.07	77.93	2.00	0.00	1.00	0.00
20.08	82.06	2.00	0.00	1.00	0.00	20.09	85.30	2.00	0.00	1.00	0.00
20.10	87.58	2.00	0.00	1.00	0.00	20.11	89.99	2.00	0.00	1.00	0.00
20.12	92.27	2.00	0.00	1.00	0.00	20.13	94.09	2.00	0.00	1.00	0.00
20.14	94.92	2.00	0.00	1.00	0.00	20.15	95.14	2.00	0.00	1.00	0.00
20.16	94.73	2.00	0.00	1.00	0.00	20.17	94.28	2.00	0.00	1.00	0.00
20.18	93.88	2.00	0.00	1.00	0.00	20.19	93.45	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	92.33	2.00	0.00	1.00	0.00	20.21	90.61	2.00	0.00	1.00	0.00
20.22	88.50	2.00	0.00	1.00	0.00	20.23	85.60	2.00	0.00	1.00	0.00
20.24	82.67	2.00	0.00	1.00	0.00	20.25	80.07	2.00	0.00	1.00	0.00
20.26	79.00	2.00	0.00	1.00	0.00	20.27	78.68	2.00	0.00	1.00	0.00
20.28	79.21	2.00	0.00	1.00	0.00	20.29	80.72	2.00	0.00	1.00	0.00
20.30	83.65	2.00	0.00	1.00	0.00	20.31	86.99	2.00	0.00	1.00	0.00
20.32	90.27	2.00	0.00	1.00	0.00	20.33	92.64	2.00	0.00	1.00	0.00
20.34	94.83	2.00	0.00	1.00	0.00	20.35	98.28	2.00	0.00	1.00	0.00
20.36	101.73	2.00	0.00	1.00	0.00	20.37	104.84	2.00	0.00	1.00	0.00
20.38	106.85	2.00	0.00	1.00	0.00	20.39	108.49	2.00	0.00	1.00	0.00
20.40	109.91	2.00	0.00	1.00	0.00	20.41	110.71	2.00	0.00	1.00	0.00
20.42	111.22	2.00	0.00	1.00	0.00	20.43	111.62	2.00	0.00	1.00	0.00
20.44	112.05	2.00	0.00	1.00	0.00	20.45	112.49	2.00	0.00	1.00	0.00
20.46	112.75	2.00	0.00	1.00	0.00	20.47	112.51	2.00	0.00	1.00	0.00
20.48	111.91	2.00	0.00	1.00	0.00	20.49	111.16	2.00	0.00	1.00	0.00
20.50	110.54	2.00	0.00	1.00	0.00	20.51	110.00	2.00	0.00	1.00	0.00
20.52	109.50	2.00	0.00	1.00	0.00	20.53	109.16	2.00	0.00	1.00	0.00
20.54	108.71	2.00	0.00	1.00	0.00	20.55	108.07	2.00	0.00	1.00	0.00
20.56	107.13	2.00	0.00	1.00	0.00	20.57	106.24	2.00	0.00	1.00	0.00
20.58	105.47	2.00	0.00	1.00	0.00	20.59	104.42	2.00	0.00	1.00	0.00
20.60	103.54	2.00	0.00	1.00	0.00	20.61	102.67	2.00	0.00	1.00	0.00
20.62	102.40	2.00	0.00	1.00	0.00						

**Total estimated settlement: 1.73**

**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**

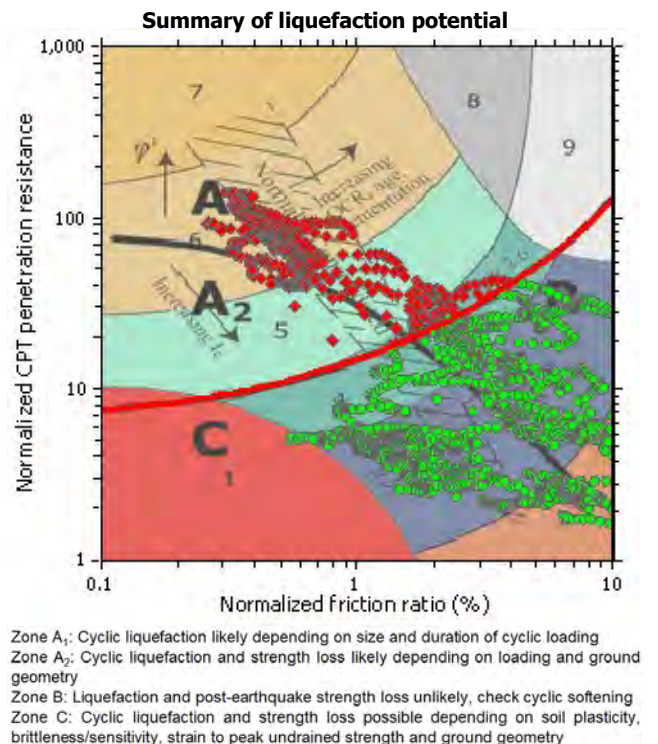
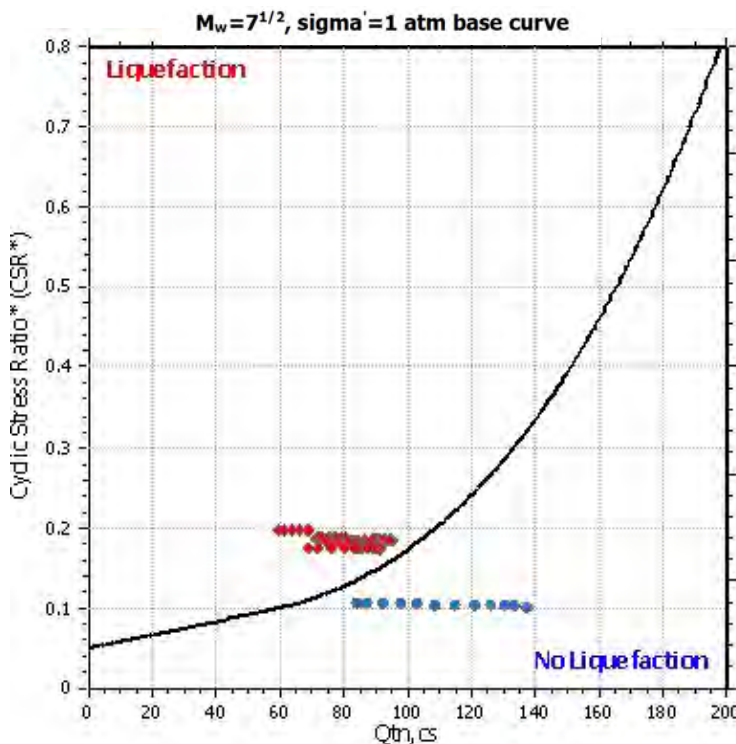
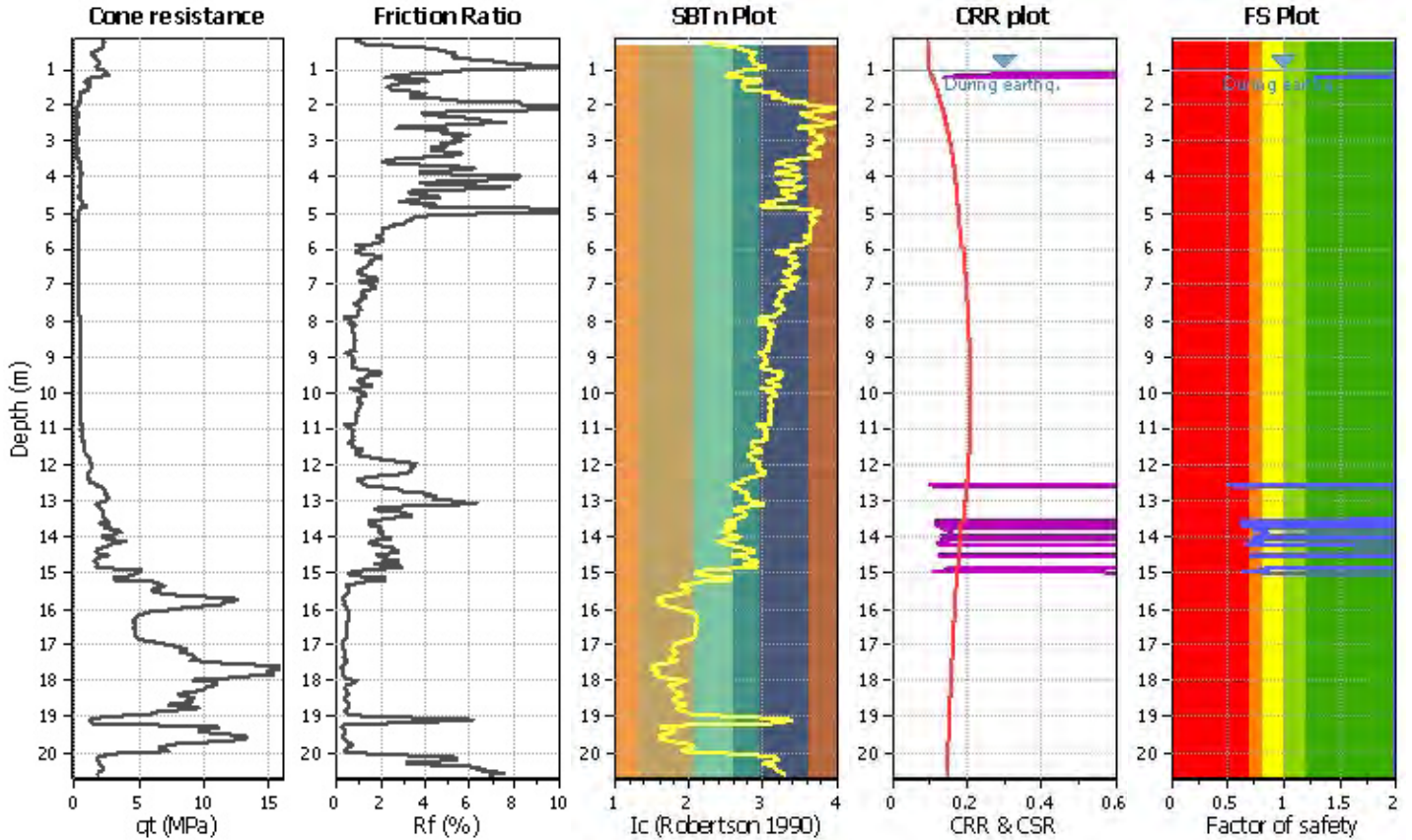
**Project title :**

**Location :**

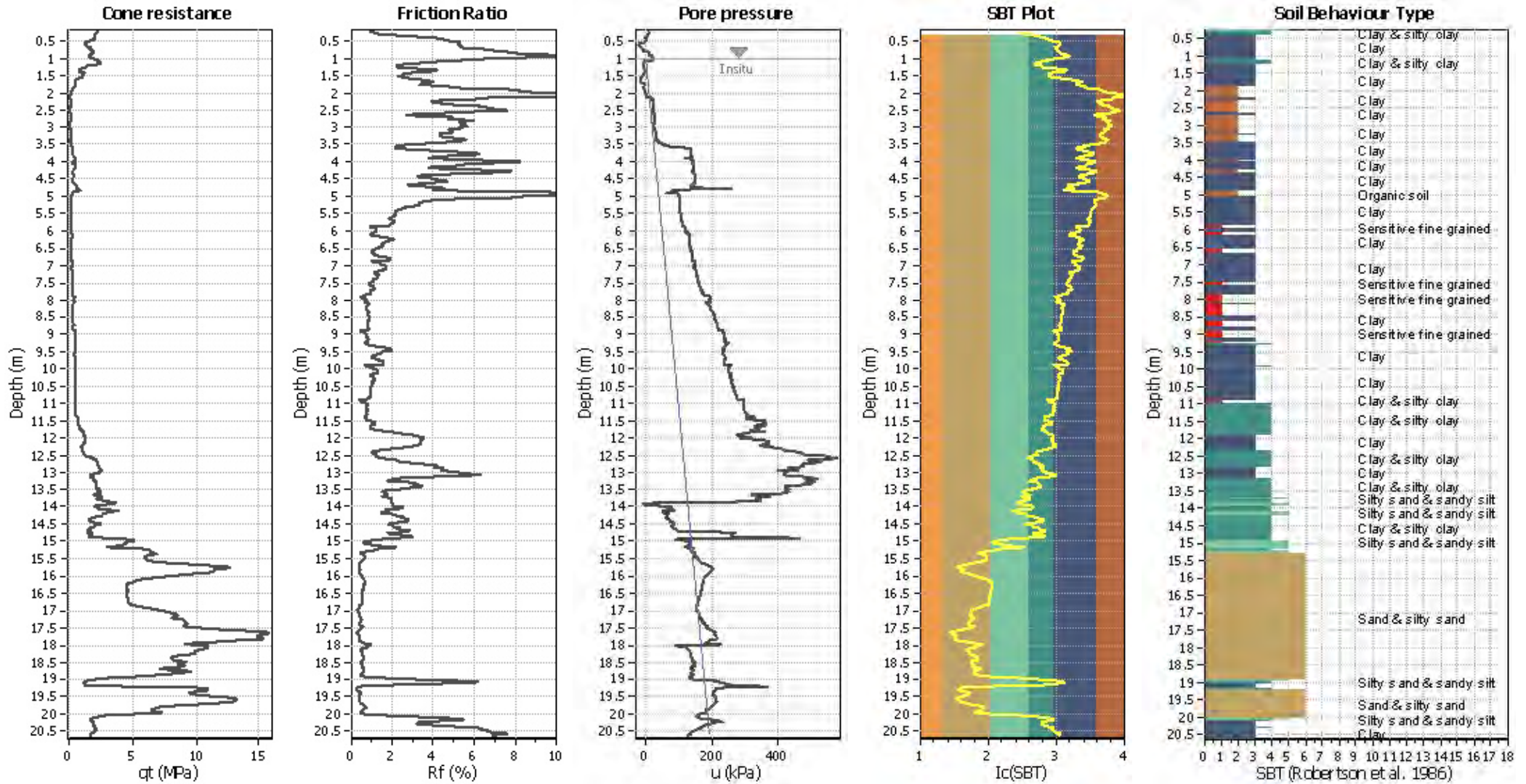
**CPT file : CPTU1 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.75	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



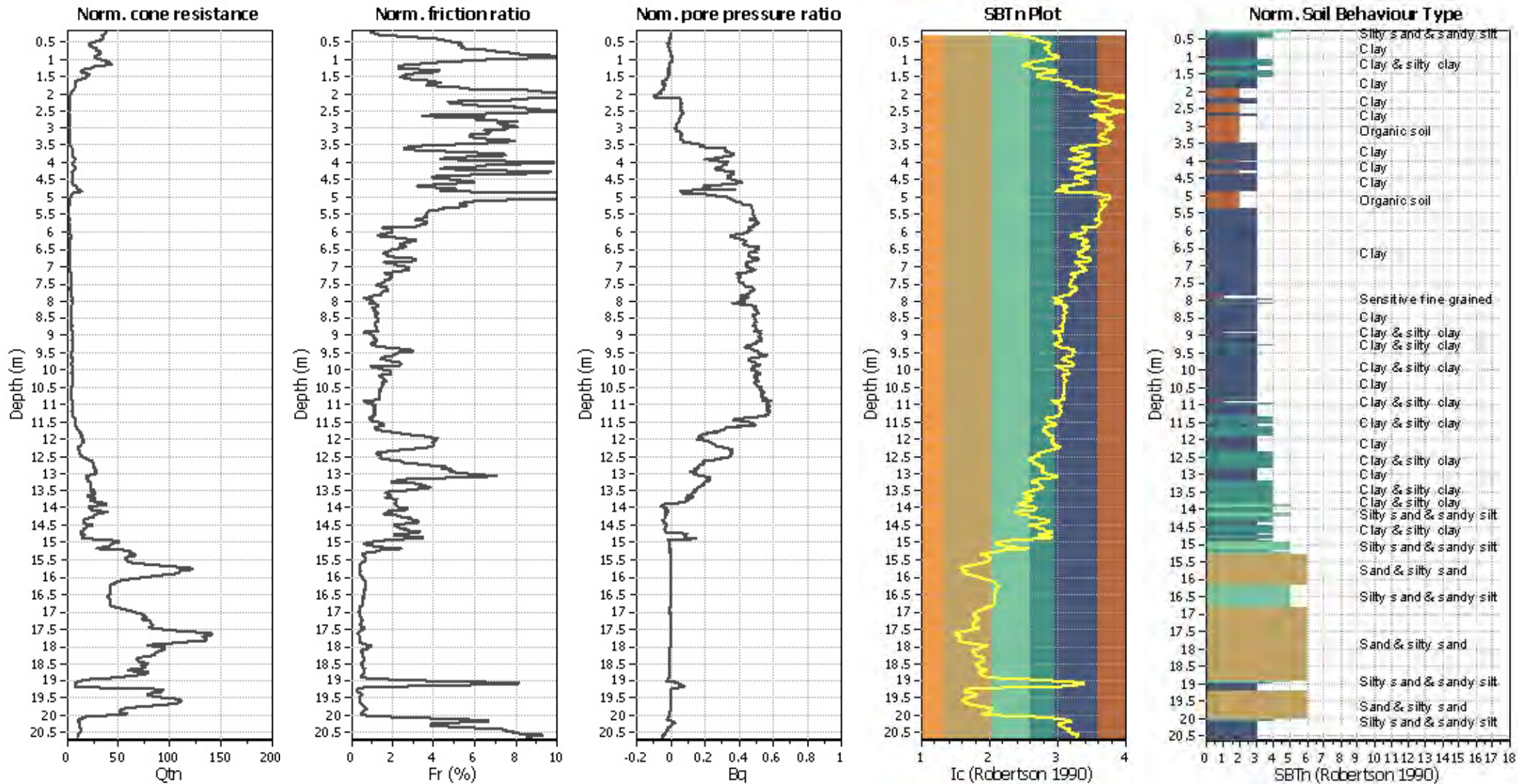
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



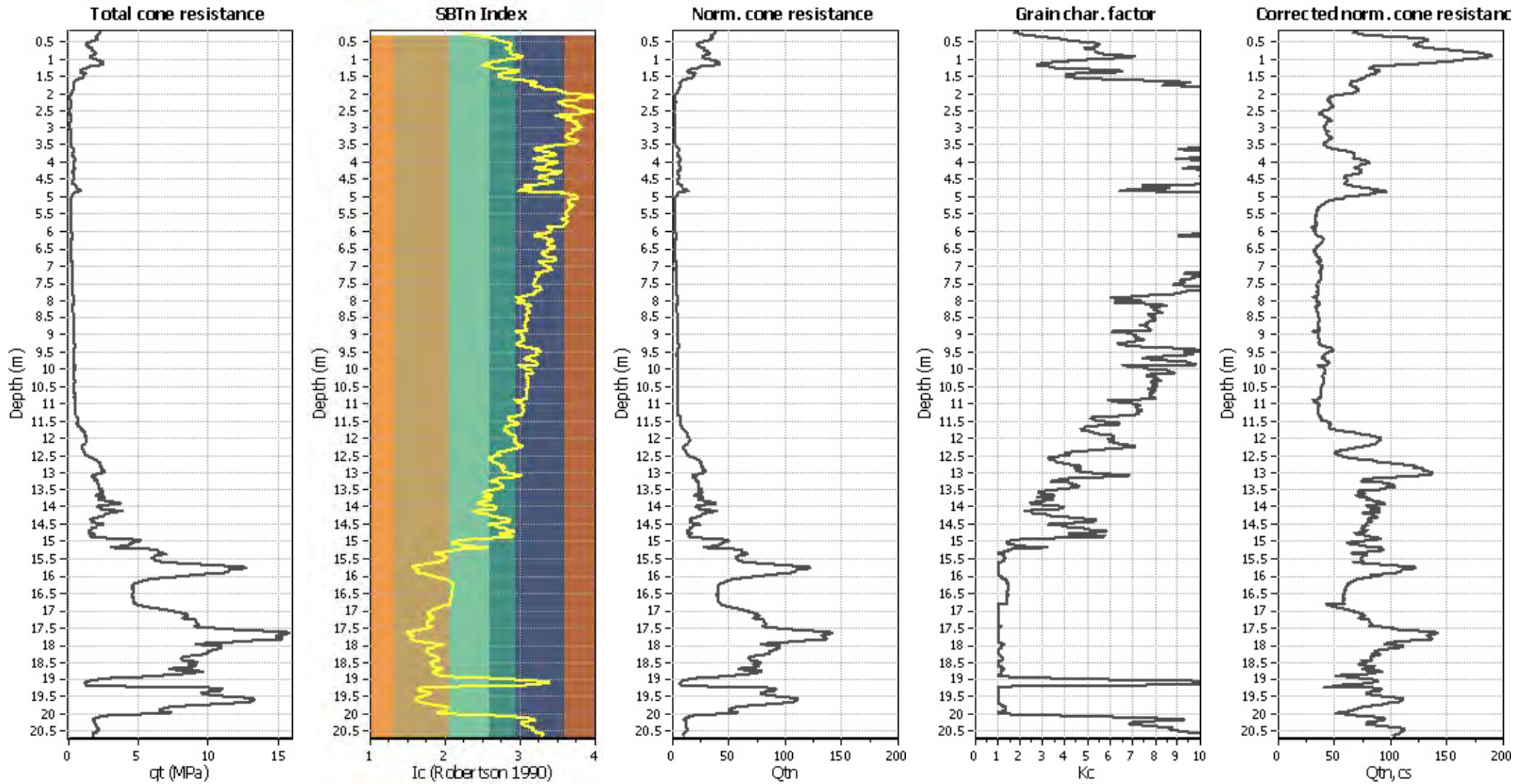
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

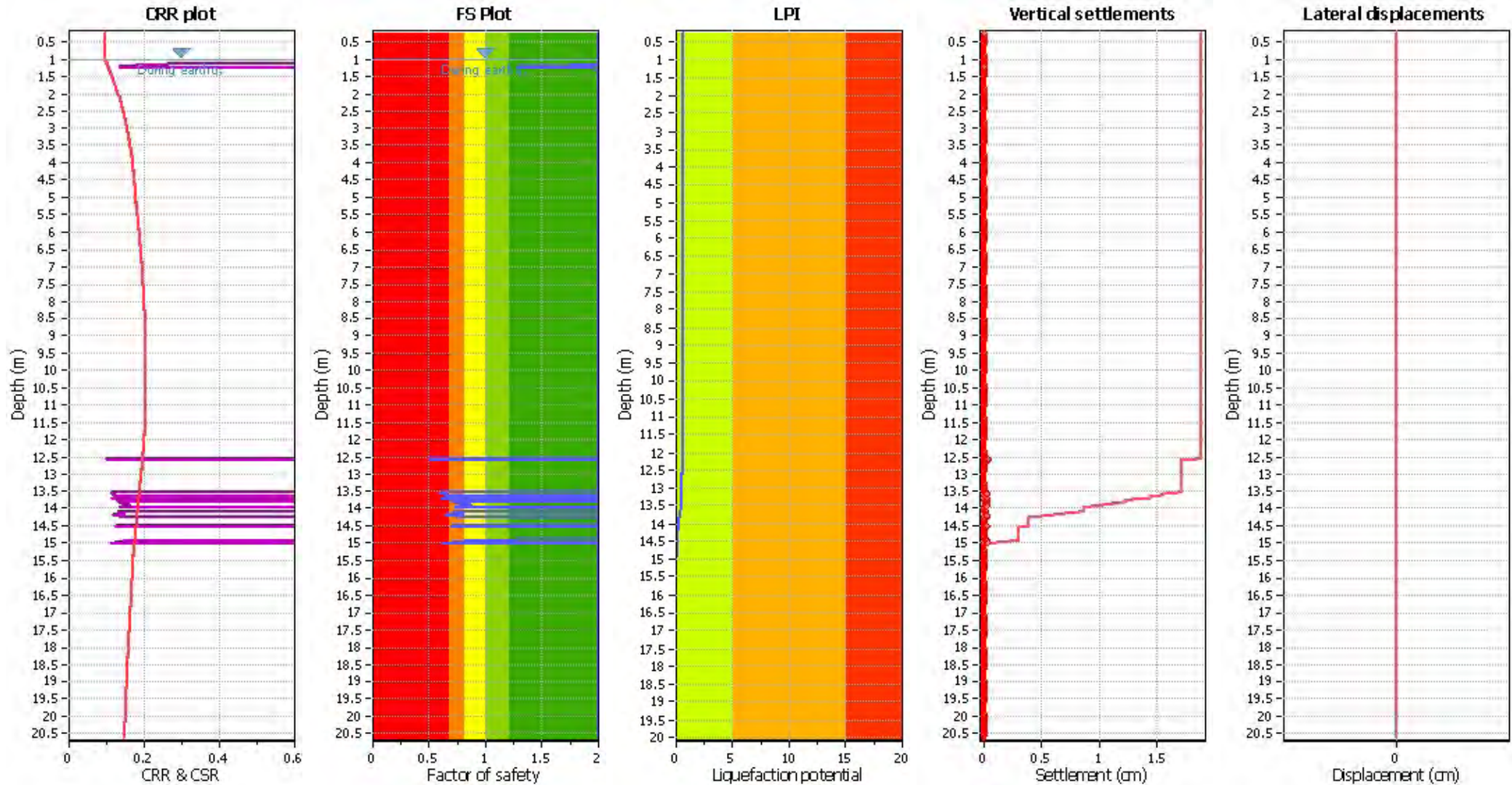
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>σ</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

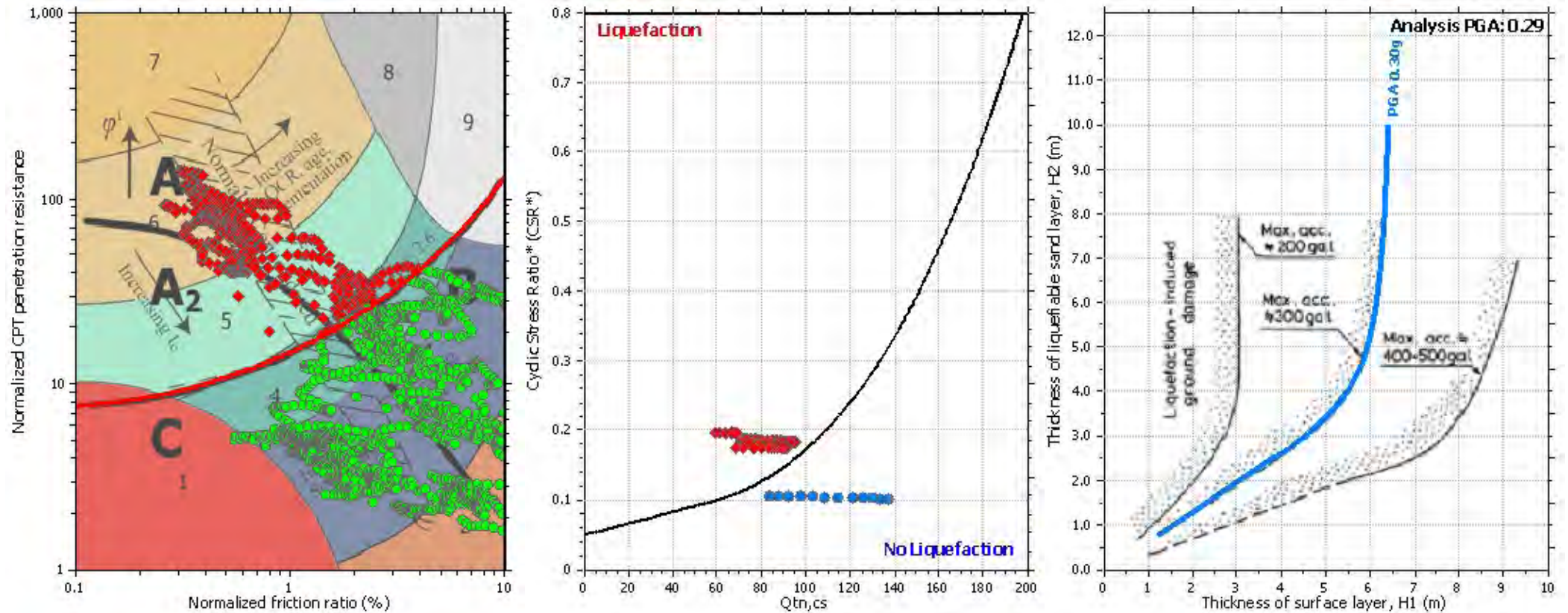
**F.S. color scheme**

- 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

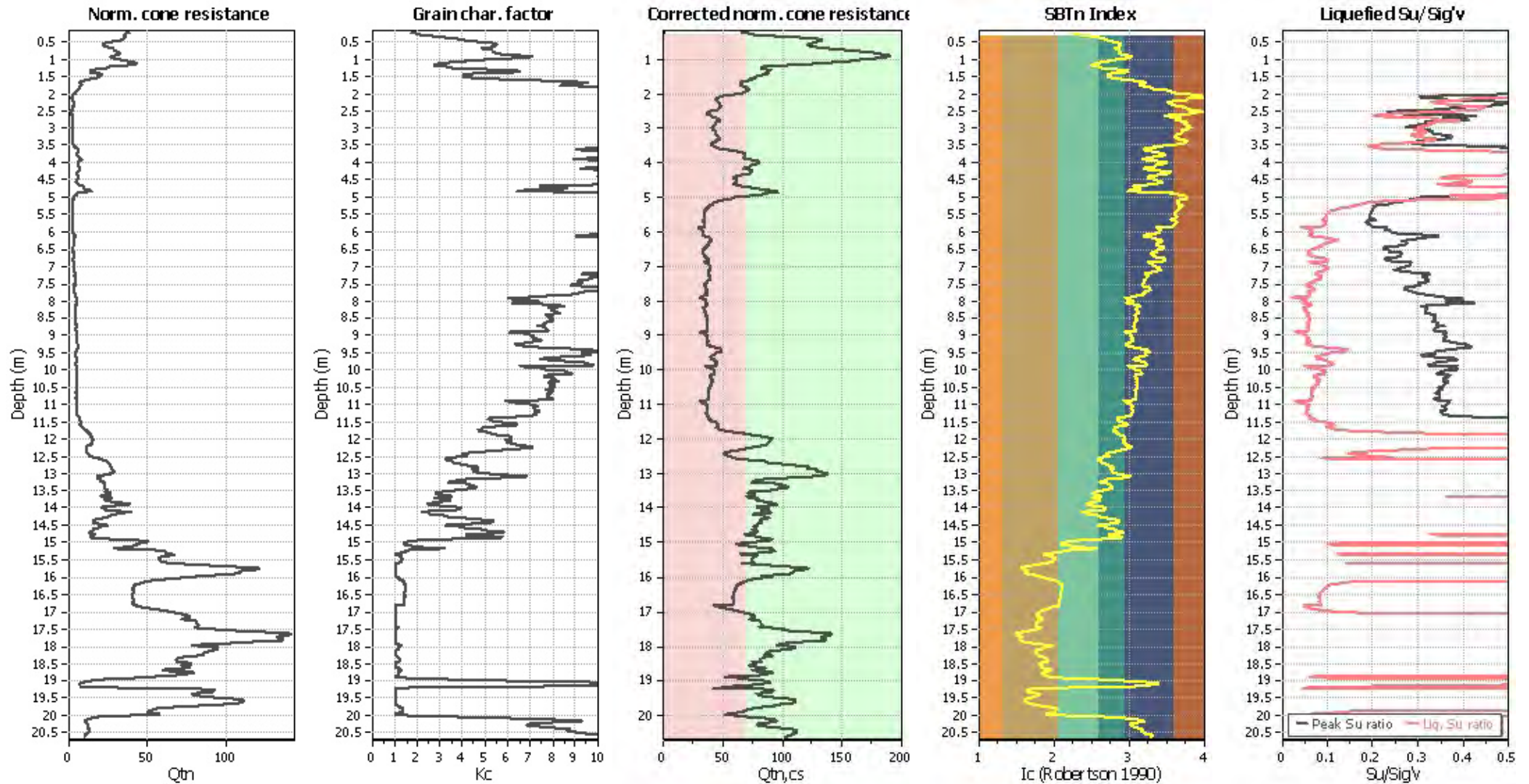
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	1.94	0.00	9.41	0.01	0.00
1.19	1.76	0.00	9.40	0.01	0.00	1.20	1.61	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	1.47	0.00	9.39	0.01	0.00	1.22	1.36	0.00	9.39	0.01	0.00
1.23	1.28	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	0.50	0.50	3.72	0.01	0.02
12.57	0.52	0.48	3.71	0.01	0.02	12.58	0.53	0.47	3.71	0.01	0.02
12.59	0.54	0.46	3.71	0.01	0.02	12.60	0.56	0.44	3.70	0.01	0.02
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	0.65	0.35	3.23	0.01	0.01	13.54	0.61	0.39	3.23	0.01	0.01
13.55	0.61	0.39	3.23	0.01	0.01	13.56	0.61	0.39	3.22	0.01	0.01
13.57	0.62	0.38	3.21	0.01	0.01	13.58	0.64	0.36	3.21	0.01	0.01
13.59	0.65	0.35	3.21	0.01	0.01	13.60	0.66	0.34	3.20	0.01	0.01
13.61	0.64	0.36	3.19	0.01	0.01	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	0.61	0.39	3.17	0.01	0.01	13.68	0.62	0.38	3.16	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	0.63	0.37	3.15	0.01	0.01	13.70	0.64	0.36	3.15	0.01	0.01
13.71	0.66	0.34	3.15	0.01	0.01	13.72	0.68	0.32	3.14	0.01	0.01
13.73	0.69	0.31	3.13	0.01	0.01	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	0.71	0.29	3.10	0.01	0.01	13.80	0.73	0.27	3.10	0.01	0.01
13.81	0.76	0.24	3.10	0.01	0.01	13.82	0.78	0.22	3.09	0.01	0.01
13.83	0.80	0.20	3.08	0.01	0.01	13.84	0.81	0.19	3.08	0.01	0.01
13.85	0.82	0.18	3.08	0.01	0.01	13.86	0.84	0.16	3.07	0.01	0.01
13.87	0.85	0.15	3.06	0.01	0.00	13.88	0.86	0.14	3.06	0.01	0.00
13.89	0.87	0.13	3.06	0.01	0.00	13.90	0.86	0.14	3.05	0.01	0.00
13.91	0.84	0.16	3.04	0.01	0.01	13.92	0.80	0.20	3.04	0.01	0.01
13.93	0.76	0.24	3.04	0.01	0.01	13.94	0.73	0.27	3.03	0.01	0.01
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	0.72	0.28	2.96	0.01	0.01	14.08	0.73	0.27	2.96	0.01	0.01
14.09	0.74	0.26	2.96	0.01	0.01	14.10	0.77	0.23	2.95	0.01	0.01
14.11	0.79	0.21	2.94	0.01	0.01	14.12	0.80	0.20	2.94	0.01	0.01
14.13	0.81	0.19	2.94	0.01	0.01	14.14	0.80	0.20	2.93	0.01	0.01
14.15	0.76	0.24	2.92	0.01	0.01	14.16	0.70	0.30	2.92	0.01	0.01
14.17	0.66	0.34	2.92	0.01	0.01	14.18	0.66	0.34	2.91	0.01	0.01
14.19	0.69	0.31	2.90	0.01	0.01	14.20	0.72	0.28	2.90	0.01	0.01
14.21	0.75	0.25	2.90	0.01	0.01	14.22	0.75	0.25	2.89	0.01	0.01
14.23	0.75	0.25	2.88	0.01	0.01	14.24	0.74	0.26	2.88	0.01	0.01
14.25	2.00	0.00	2.88	0.01	0.00	14.26	2.00	0.00	2.87	0.01	0.00
14.27	2.00	0.00	2.87	0.01	0.00	14.28	2.00	0.00	2.86	0.01	0.00
14.29	2.00	0.00	2.85	0.01	0.00	14.30	2.00	0.00	2.85	0.01	0.00
14.31	2.00	0.00	2.85	0.01	0.00	14.32	2.00	0.00	2.84	0.01	0.00
14.33	2.00	0.00	2.83	0.01	0.00	14.34	2.00	0.00	2.83	0.01	0.00
14.35	2.00	0.00	2.83	0.01	0.00	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	0.70	0.30	2.75	0.01	0.01
14.51	0.70	0.30	2.75	0.01	0.01	14.52	0.70	0.30	2.74	0.01	0.01
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	0.84	0.16	2.56	0.01	0.00	14.90	0.86	0.14	2.55	0.01	0.00
14.91	0.85	0.15	2.54	0.01	0.00	14.92	0.83	0.17	2.54	0.01	0.00
14.93	0.81	0.19	2.54	0.01	0.00	14.94	0.79	0.21	2.53	0.01	0.01
14.95	0.78	0.22	2.52	0.01	0.01	14.96	0.76	0.24	2.52	0.01	0.01
14.97	0.73	0.27	2.52	0.01	0.01	14.98	0.69	0.31	2.51	0.01	0.01
14.99	0.66	0.34	2.50	0.01	0.01	15.00	0.63	0.37	2.50	0.01	0.01
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00
20.13	2.00	0.00	0.00	0.00	0.00	20.14	2.00	0.00	0.00	0.00	0.00
20.15	2.00	0.00	0.00	0.00	0.00	20.16	2.00	0.00	0.00	0.00	0.00
20.17	2.00	0.00	0.00	0.00	0.00	20.18	2.00	0.00	0.00	0.00	0.00
20.19	2.00	0.00	0.00	0.00	0.00	20.20	2.00	0.00	0.00	0.00	0.00
20.21	2.00	0.00	0.00	0.00	0.00	20.22	2.00	0.00	0.00	0.00	0.00
20.23	2.00	0.00	0.00	0.00	0.00	20.24	2.00	0.00	0.00	0.00	0.00
20.25	2.00	0.00	0.00	0.00	0.00	20.26	2.00	0.00	0.00	0.00	0.00
20.27	2.00	0.00	0.00	0.00	0.00	20.28	2.00	0.00	0.00	0.00	0.00
20.29	2.00	0.00	0.00	0.00	0.00	20.30	2.00	0.00	0.00	0.00	0.00
20.31	2.00	0.00	0.00	0.00	0.00	20.32	2.00	0.00	0.00	0.00	0.00
20.33	2.00	0.00	0.00	0.00	0.00	20.34	2.00	0.00	0.00	0.00	0.00
20.35	2.00	0.00	0.00	0.00	0.00	20.36	2.00	0.00	0.00	0.00	0.00
20.37	2.00	0.00	0.00	0.00	0.00	20.38	2.00	0.00	0.00	0.00	0.00
20.39	2.00	0.00	0.00	0.00	0.00	20.40	2.00	0.00	0.00	0.00	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
20.41	2.00	0.00	0.00	0.00	0.00	20.42	2.00	0.00	0.00	0.00	0.00
20.43	2.00	0.00	0.00	0.00	0.00	20.44	2.00	0.00	0.00	0.00	0.00
20.45	2.00	0.00	0.00	0.00	0.00	20.46	2.00	0.00	0.00	0.00	0.00
20.47	2.00	0.00	0.00	0.00	0.00	20.48	2.00	0.00	0.00	0.00	0.00
20.49	2.00	0.00	0.00	0.00	0.00	20.50	2.00	0.00	0.00	0.00	0.00
20.51	2.00	0.00	0.00	0.00	0.00	20.52	2.00	0.00	0.00	0.00	0.00
20.53	2.00	0.00	0.00	0.00	0.00	20.54	2.00	0.00	0.00	0.00	0.00
20.55	2.00	0.00	0.00	0.00	0.00	20.56	2.00	0.00	0.00	0.00	0.00
20.57	2.00	0.00	0.00	0.00	0.00	20.58	2.00	0.00	0.00	0.00	0.00
20.59	2.00	0.00	0.00	0.00	0.00	20.60	2.00	0.00	0.00	0.00	0.00
20.61	2.00	0.00	0.00	0.00	0.00	20.62	2.00	0.00	0.00	0.00	0.00

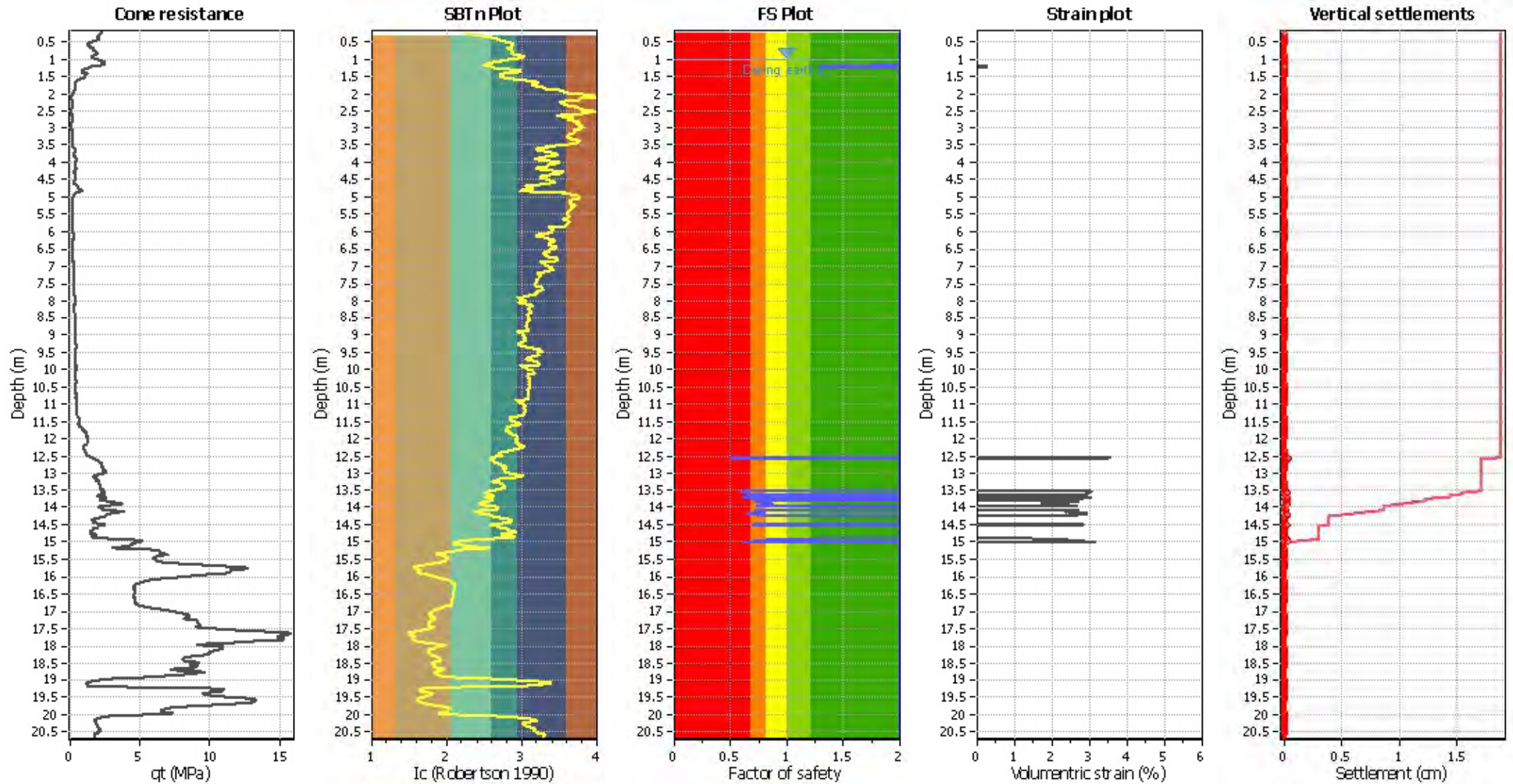
**Overall liquefaction potential: 0.60**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

:: Post-earthquake settlement due to soil liquefaction ::											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	172.27	2.00	0.00	1.00	0.00	1.01	169.02	2.00	0.00	1.00	0.00
1.02	165.53	2.00	0.00	1.00	0.00	1.03	162.29	2.00	0.00	1.00	0.00
1.04	159.82	2.00	0.00	1.00	0.00	1.05	158.32	2.00	0.00	1.00	0.00
1.06	157.01	2.00	0.00	1.00	0.00	1.07	155.36	2.00	0.00	1.00	0.00
1.08	152.64	2.00	0.00	1.00	0.00	1.09	149.46	2.00	0.00	1.00	0.00
1.10	145.22	2.00	0.00	1.00	0.00	1.11	141.32	2.00	0.00	1.00	0.00
1.12	137.31	2.00	0.00	1.00	0.00	1.13	133.80	2.00	0.00	1.00	0.00
1.14	130.49	2.00	0.00	1.00	0.00	1.15	126.10	2.00	0.00	1.00	0.00
1.16	121.36	2.00	0.00	1.00	0.00	1.17	114.74	2.00	0.00	1.00	0.00
1.18	109.02	1.94	0.00	1.00	0.00	1.19	103.27	1.76	0.00	1.00	0.00
1.20	97.96	1.61	0.00	1.00	0.00	1.21	92.66	1.47	0.00	1.00	0.00
1.22	87.61	1.36	0.00	1.00	0.00	1.23	84.14	1.28	0.33	1.00	0.00
1.24	81.88	2.00	0.00	1.00	0.00	1.25	81.21	2.00	0.00	1.00	0.00
1.26	82.23	2.00	0.00	1.00	0.00	1.27	84.24	2.00	0.00	1.00	0.00
1.28	86.11	2.00	0.00	1.00	0.00	1.29	87.73	2.00	0.00	1.00	0.00
1.30	88.91	2.00	0.00	1.00	0.00	1.31	89.85	2.00	0.00	1.00	0.00
1.32	90.25	2.00	0.00	1.00	0.00	1.33	89.52	2.00	0.00	1.00	0.00
1.34	88.64	2.00	0.00	1.00	0.00	1.35	87.56	2.00	0.00	1.00	0.00
1.36	87.12	2.00	0.00	1.00	0.00	1.37	86.41	2.00	0.00	1.00	0.00
1.38	85.81	2.00	0.00	1.00	0.00	1.39	85.62	2.00	0.00	1.00	0.00
1.40	86.23	2.00	0.00	1.00	0.00	1.41	87.22	2.00	0.00	1.00	0.00
1.42	86.99	2.00	0.00	1.00	0.00	1.43	85.29	2.00	0.00	1.00	0.00
1.44	83.57	2.00	0.00	1.00	0.00	1.45	81.94	2.00	0.00	1.00	0.00
1.46	80.64	2.00	0.00	1.00	0.00	1.47	79.03	2.00	0.00	1.00	0.00
1.48	78.09	2.00	0.00	1.00	0.00	1.49	77.70	2.00	0.00	1.00	0.00
1.50	77.11	2.00	0.00	1.00	0.00	1.51	76.62	2.00	0.00	1.00	0.00
1.52	76.87	2.00	0.00	1.00	0.00	1.53	77.51	2.00	0.00	1.00	0.00
1.54	77.07	2.00	0.00	1.00	0.00	1.55	75.51	2.00	0.00	1.00	0.00
1.56	73.78	2.00	0.00	1.00	0.00	1.57	73.41	2.00	0.00	1.00	0.00
1.58	74.07	2.00	0.00	1.00	0.00	1.59	74.62	2.00	0.00	1.00	0.00
1.60	73.83	2.00	0.00	1.00	0.00	1.61	72.10	2.00	0.00	1.00	0.00
1.62	69.80	2.00	0.00	1.00	0.00	1.63	68.09	2.00	0.00	1.00	0.00
1.64	66.67	2.00	0.00	1.00	0.00	1.65	66.02	2.00	0.00	1.00	0.00
1.66	65.86	2.00	0.00	1.00	0.00	1.67	65.78	2.00	0.00	1.00	0.00
1.68	65.50	2.00	0.00	1.00	0.00	1.69	65.22	2.00	0.00	1.00	0.00
1.70	64.78	2.00	0.00	1.00	0.00	1.71	64.62	2.00	0.00	1.00	0.00
1.72	64.51	2.00	0.00	1.00	0.00	1.73	64.81	2.00	0.00	1.00	0.00
1.74	64.78	2.00	0.00	1.00	0.00	1.75	64.61	2.00	0.00	1.00	0.00
1.76	64.54	2.00	0.00	1.00	0.00	1.77	65.10	2.00	0.00	1.00	0.00
1.78	65.95	2.00	0.00	1.00	0.00	1.79	67.06	2.00	0.00	1.00	0.00
1.80	67.94	2.00	0.00	1.00	0.00	1.81	68.57	2.00	0.00	1.00	0.00
1.82	69.10	2.00	0.00	1.00	0.00	1.83	69.69	2.00	0.00	1.00	0.00
1.84	70.35	2.00	0.00	1.00	0.00	1.85	70.66	2.00	0.00	1.00	0.00
1.86	70.74	2.00	0.00	1.00	0.00	1.87	71.18	2.00	0.00	1.00	0.00
1.88	71.64	2.00	0.00	1.00	0.00	1.89	71.77	2.00	0.00	1.00	0.00
1.90	71.57	2.00	0.00	1.00	0.00	1.91	71.14	2.00	0.00	1.00	0.00
1.92	70.80	2.00	0.00	1.00	0.00	1.93	70.46	2.00	0.00	1.00	0.00
1.94	70.06	2.00	0.00	1.00	0.00	1.95	69.58	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	68.65	2.00	0.00	1.00	0.00	1.97	67.79	2.00	0.00	1.00	0.00
1.98	67.07	2.00	0.00	1.00	0.00	1.99	66.48	2.00	0.00	1.00	0.00
2.00	65.47	2.00	0.00	1.00	0.00	2.01	63.90	2.00	0.00	1.00	0.00
2.02	61.97	2.00	0.00	1.00	0.00	2.03	59.16	2.00	0.00	1.00	0.00
2.04	56.01	2.00	0.00	1.00	0.00	2.05	52.99	2.00	0.00	1.00	0.00
2.06	51.42	2.00	0.00	1.00	0.00	2.07	50.38	2.00	0.00	1.00	0.00
2.08	49.31	2.00	0.00	1.00	0.00	2.09	47.73	2.00	0.00	1.00	0.00
2.10	46.58	2.00	0.00	1.00	0.00	2.11	46.02	2.00	0.00	1.00	0.00
2.12	45.79	2.00	0.00	1.00	0.00	2.13	45.68	2.00	0.00	1.00	0.00
2.14	45.43	2.00	0.00	1.00	0.00	2.15	45.03	2.00	0.00	1.00	0.00
2.16	44.43	2.00	0.00	1.00	0.00	2.17	43.85	2.00	0.00	1.00	0.00
2.18	43.92	2.00	0.00	1.00	0.00	2.19	44.05	2.00	0.00	1.00	0.00
2.20	44.70	2.00	0.00	1.00	0.00	2.21	45.35	2.00	0.00	1.00	0.00
2.22	45.80	2.00	0.00	1.00	0.00	2.23	46.09	2.00	0.00	1.00	0.00
2.24	46.09	2.00	0.00	1.00	0.00	2.25	46.09	2.00	0.00	1.00	0.00
2.26	46.02	2.00	0.00	1.00	0.00	2.27	46.18	2.00	0.00	1.00	0.00
2.28	46.64	2.00	0.00	1.00	0.00	2.29	47.11	2.00	0.00	1.00	0.00
2.30	47.44	2.00	0.00	1.00	0.00	2.31	47.64	2.00	0.00	1.00	0.00
2.32	47.75	2.00	0.00	1.00	0.00	2.33	48.04	2.00	0.00	1.00	0.00
2.34	48.17	2.00	0.00	1.00	0.00	2.35	48.22	2.00	0.00	1.00	0.00
2.36	48.14	2.00	0.00	1.00	0.00	2.37	48.11	2.00	0.00	1.00	0.00
2.38	48.14	2.00	0.00	1.00	0.00	2.39	48.07	2.00	0.00	1.00	0.00
2.40	47.69	2.00	0.00	1.00	0.00	2.41	47.29	2.00	0.00	1.00	0.00
2.42	46.61	2.00	0.00	1.00	0.00	2.43	46.27	2.00	0.00	1.00	0.00
2.44	45.85	2.00	0.00	1.00	0.00	2.45	45.74	2.00	0.00	1.00	0.00
2.46	45.22	2.00	0.00	1.00	0.00	2.47	44.68	2.00	0.00	1.00	0.00
2.48	43.09	2.00	0.00	1.00	0.00	2.49	41.25	2.00	0.00	1.00	0.00
2.50	39.24	2.00	0.00	1.00	0.00	2.51	38.13	2.00	0.00	1.00	0.00
2.52	38.06	2.00	0.00	1.00	0.00	2.53	37.94	2.00	0.00	1.00	0.00
2.54	37.93	2.00	0.00	1.00	0.00	2.55	37.34	2.00	0.00	1.00	0.00
2.56	36.80	2.00	0.00	1.00	0.00	2.57	36.32	2.00	0.00	1.00	0.00
2.58	36.49	2.00	0.00	1.00	0.00	2.59	36.75	2.00	0.00	1.00	0.00
2.60	37.94	2.00	0.00	1.00	0.00	2.61	38.76	2.00	0.00	1.00	0.00
2.62	39.58	2.00	0.00	1.00	0.00	2.63	39.69	2.00	0.00	1.00	0.00
2.64	39.87	2.00	0.00	1.00	0.00	2.65	40.16	2.00	0.00	1.00	0.00
2.66	40.61	2.00	0.00	1.00	0.00	2.67	41.17	2.00	0.00	1.00	0.00
2.68	41.81	2.00	0.00	1.00	0.00	2.69	42.47	2.00	0.00	1.00	0.00
2.70	43.50	2.00	0.00	1.00	0.00	2.71	44.61	2.00	0.00	1.00	0.00
2.72	45.73	2.00	0.00	1.00	0.00	2.73	46.08	2.00	0.00	1.00	0.00
2.74	46.34	2.00	0.00	1.00	0.00	2.75	46.47	2.00	0.00	1.00	0.00
2.76	46.94	2.00	0.00	1.00	0.00	2.77	47.36	2.00	0.00	1.00	0.00
2.78	47.57	2.00	0.00	1.00	0.00	2.79	47.65	2.00	0.00	1.00	0.00
2.80	46.84	2.00	0.00	1.00	0.00	2.81	45.54	2.00	0.00	1.00	0.00
2.82	43.99	2.00	0.00	1.00	0.00	2.83	43.40	2.00	0.00	1.00	0.00
2.84	43.34	2.00	0.00	1.00	0.00	2.85	43.52	2.00	0.00	1.00	0.00
2.86	43.57	2.00	0.00	1.00	0.00	2.87	43.65	2.00	0.00	1.00	0.00
2.88	43.23	2.00	0.00	1.00	0.00	2.89	42.84	2.00	0.00	1.00	0.00
2.90	42.44	2.00	0.00	1.00	0.00	2.91	42.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
2.92	42.32	2.00	0.00	1.00	0.00	2.93	42.24	2.00	0.00	1.00	0.00
2.94	41.80	2.00	0.00	1.00	0.00	2.95	41.32	2.00	0.00	1.00	0.00
2.96	40.75	2.00	0.00	1.00	0.00	2.97	40.64	2.00	0.00	1.00	0.00
2.98	40.92	2.00	0.00	1.00	0.00	2.99	41.29	2.00	0.00	1.00	0.00
3.00	41.74	2.00	0.00	1.00	0.00	3.01	41.83	2.00	0.00	1.00	0.00
3.02	41.91	2.00	0.00	1.00	0.00	3.03	41.92	2.00	0.00	1.00	0.00
3.04	41.81	2.00	0.00	1.00	0.00	3.05	41.96	2.00	0.00	1.00	0.00
3.06	42.41	2.00	0.00	1.00	0.00	3.07	43.03	2.00	0.00	1.00	0.00
3.08	43.18	2.00	0.00	1.00	0.00	3.09	43.50	2.00	0.00	1.00	0.00
3.10	43.74	2.00	0.00	1.00	0.00	3.11	44.24	2.00	0.00	1.00	0.00
3.12	44.21	2.00	0.00	1.00	0.00	3.13	44.01	2.00	0.00	1.00	0.00
3.14	43.99	2.00	0.00	1.00	0.00	3.15	43.92	2.00	0.00	1.00	0.00
3.16	43.97	2.00	0.00	1.00	0.00	3.17	43.93	2.00	0.00	1.00	0.00
3.18	44.37	2.00	0.00	1.00	0.00	3.19	44.89	2.00	0.00	1.00	0.00
3.20	45.30	2.00	0.00	1.00	0.00	3.21	45.32	2.00	0.00	1.00	0.00
3.22	45.27	2.00	0.00	1.00	0.00	3.23	45.22	2.00	0.00	1.00	0.00
3.24	45.26	2.00	0.00	1.00	0.00	3.25	45.74	2.00	0.00	1.00	0.00
3.26	46.14	2.00	0.00	1.00	0.00	3.27	46.55	2.00	0.00	1.00	0.00
3.28	46.68	2.00	0.00	1.00	0.00	3.29	46.90	2.00	0.00	1.00	0.00
3.30	46.99	2.00	0.00	1.00	0.00	3.31	46.66	2.00	0.00	1.00	0.00
3.32	46.16	2.00	0.00	1.00	0.00	3.33	45.63	2.00	0.00	1.00	0.00
3.34	44.98	2.00	0.00	1.00	0.00	3.35	44.50	2.00	0.00	1.00	0.00
3.36	44.27	2.00	0.00	1.00	0.00	3.37	44.03	2.00	0.00	1.00	0.00
3.38	43.82	2.00	0.00	1.00	0.00	3.39	43.25	2.00	0.00	1.00	0.00
3.40	42.93	2.00	0.00	1.00	0.00	3.41	42.51	2.00	0.00	1.00	0.00
3.42	42.05	2.00	0.00	1.00	0.00	3.43	41.55	2.00	0.00	1.00	0.00
3.44	40.98	2.00	0.00	1.00	0.00	3.45	40.71	2.00	0.00	1.00	0.00
3.46	40.44	2.00	0.00	1.00	0.00	3.47	40.19	2.00	0.00	1.00	0.00
3.48	40.04	2.00	0.00	1.00	0.00	3.49	40.44	2.00	0.00	1.00	0.00
3.50	41.26	2.00	0.00	1.00	0.00	3.51	42.20	2.00	0.00	1.00	0.00
3.52	42.78	2.00	0.00	1.00	0.00	3.53	43.17	2.00	0.00	1.00	0.00
3.54	43.43	2.00	0.00	1.00	0.00	3.55	43.95	2.00	0.00	1.00	0.00
3.56	44.87	2.00	0.00	1.00	0.00	3.57	45.81	2.00	0.00	1.00	0.00
3.58	46.61	2.00	0.00	1.00	0.00	3.59	47.30	2.00	0.00	1.00	0.00
3.60	48.50	2.00	0.00	1.00	0.00	3.61	49.89	2.00	0.00	1.00	0.00
3.62	51.39	2.00	0.00	1.00	0.00	3.63	53.13	2.00	0.00	1.00	0.00
3.64	54.92	2.00	0.00	1.00	0.00	3.65	56.87	2.00	0.00	1.00	0.00
3.66	58.85	2.00	0.00	1.00	0.00	3.67	60.70	2.00	0.00	1.00	0.00
3.68	62.11	2.00	0.00	1.00	0.00	3.69	63.05	2.00	0.00	1.00	0.00
3.70	64.31	2.00	0.00	1.00	0.00	3.71	65.75	2.00	0.00	1.00	0.00
3.72	66.80	2.00	0.00	1.00	0.00	3.73	67.28	2.00	0.00	1.00	0.00
3.74	67.57	2.00	0.00	1.00	0.00	3.75	67.94	2.00	0.00	1.00	0.00
3.76	68.22	2.00	0.00	1.00	0.00	3.77	68.32	2.00	0.00	1.00	0.00
3.78	68.46	2.00	0.00	1.00	0.00	3.79	68.54	2.00	0.00	1.00	0.00
3.80	68.54	2.00	0.00	1.00	0.00	3.81	68.39	2.00	0.00	1.00	0.00
3.82	68.26	2.00	0.00	1.00	0.00	3.83	68.17	2.00	0.00	1.00	0.00
3.84	68.05	2.00	0.00	1.00	0.00	3.85	67.68	2.00	0.00	1.00	0.00
3.86	67.35	2.00	0.00	1.00	0.00	3.87	67.13	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	67.54	2.00	0.00	1.00	0.00	3.89	68.36	2.00	0.00	1.00	0.00
3.90	70.15	2.00	0.00	1.00	0.00	3.91	72.05	2.00	0.00	1.00	0.00
3.92	73.66	2.00	0.00	1.00	0.00	3.93	75.14	2.00	0.00	1.00	0.00
3.94	76.38	2.00	0.00	1.00	0.00	3.95	77.86	2.00	0.00	1.00	0.00
3.96	78.75	2.00	0.00	1.00	0.00	3.97	79.48	2.00	0.00	1.00	0.00
3.98	79.86	2.00	0.00	1.00	0.00	3.99	80.13	2.00	0.00	1.00	0.00
4.00	80.64	2.00	0.00	1.00	0.00	4.01	81.02	2.00	0.00	1.00	0.00
4.02	81.03	2.00	0.00	1.00	0.00	4.03	80.61	2.00	0.00	1.00	0.00
4.04	79.12	2.00	0.00	1.00	0.00	4.05	77.62	2.00	0.00	1.00	0.00
4.06	75.87	2.00	0.00	1.00	0.00	4.07	74.72	2.00	0.00	1.00	0.00
4.08	73.64	2.00	0.00	1.00	0.00	4.09	72.61	2.00	0.00	1.00	0.00
4.10	71.81	2.00	0.00	1.00	0.00	4.11	70.89	2.00	0.00	1.00	0.00
4.12	69.72	2.00	0.00	1.00	0.00	4.13	68.65	2.00	0.00	1.00	0.00
4.14	67.65	2.00	0.00	1.00	0.00	4.15	67.65	2.00	0.00	1.00	0.00
4.16	68.47	2.00	0.00	1.00	0.00	4.17	69.84	2.00	0.00	1.00	0.00
4.18	71.63	2.00	0.00	1.00	0.00	4.19	73.12	2.00	0.00	1.00	0.00
4.20	74.27	2.00	0.00	1.00	0.00	4.21	74.64	2.00	0.00	1.00	0.00
4.22	74.69	2.00	0.00	1.00	0.00	4.23	74.42	2.00	0.00	1.00	0.00
4.24	74.08	2.00	0.00	1.00	0.00	4.25	73.81	2.00	0.00	1.00	0.00
4.26	73.58	2.00	0.00	1.00	0.00	4.27	73.78	2.00	0.00	1.00	0.00
4.28	73.66	2.00	0.00	1.00	0.00	4.29	73.41	2.00	0.00	1.00	0.00
4.30	72.69	2.00	0.00	1.00	0.00	4.31	71.62	2.00	0.00	1.00	0.00
4.32	70.26	2.00	0.00	1.00	0.00	4.33	68.62	2.00	0.00	1.00	0.00
4.34	66.81	2.00	0.00	1.00	0.00	4.35	65.08	2.00	0.00	1.00	0.00
4.36	63.13	2.00	0.00	1.00	0.00	4.37	61.75	2.00	0.00	1.00	0.00
4.38	60.37	2.00	0.00	1.00	0.00	4.39	59.58	2.00	0.00	1.00	0.00
4.40	59.21	2.00	0.00	1.00	0.00	4.41	59.07	2.00	0.00	1.00	0.00
4.42	59.05	2.00	0.00	1.00	0.00	4.43	59.09	2.00	0.00	1.00	0.00
4.44	59.32	2.00	0.00	1.00	0.00	4.45	59.73	2.00	0.00	1.00	0.00
4.46	60.25	2.00	0.00	1.00	0.00	4.47	60.69	2.00	0.00	1.00	0.00
4.48	61.12	2.00	0.00	1.00	0.00	4.49	61.34	2.00	0.00	1.00	0.00
4.50	61.44	2.00	0.00	1.00	0.00	4.51	61.31	2.00	0.00	1.00	0.00
4.52	61.19	2.00	0.00	1.00	0.00	4.53	61.12	2.00	0.00	1.00	0.00
4.54	61.05	2.00	0.00	1.00	0.00	4.55	60.90	2.00	0.00	1.00	0.00
4.56	60.74	2.00	0.00	1.00	0.00	4.57	60.67	2.00	0.00	1.00	0.00
4.58	60.23	2.00	0.00	1.00	0.00	4.59	59.81	2.00	0.00	1.00	0.00
4.60	59.31	2.00	0.00	1.00	0.00	4.61	59.15	2.00	0.00	1.00	0.00
4.62	59.08	2.00	0.00	1.00	0.00	4.63	59.88	2.00	0.00	1.00	0.00
4.64	61.10	2.00	0.00	1.00	0.00	4.65	62.55	2.00	0.00	1.00	0.00
4.66	63.55	2.00	0.00	1.00	0.00	4.67	64.27	2.00	0.00	1.00	0.00
4.68	64.94	2.00	0.00	1.00	0.00	4.69	66.15	2.00	0.00	1.00	0.00
4.70	67.88	2.00	0.00	1.00	0.00	4.71	70.13	2.00	0.00	1.00	0.00
4.72	72.57	2.00	0.00	1.00	0.00	4.73	74.51	2.00	0.00	1.00	0.00
4.74	76.27	2.00	0.00	1.00	0.00	4.75	78.13	2.00	0.00	1.00	0.00
4.76	81.00	2.00	0.00	1.00	0.00	4.77	83.29	2.00	0.00	1.00	0.00
4.78	84.90	2.00	0.00	1.00	0.00	4.79	85.98	2.00	0.00	1.00	0.00
4.80	88.43	2.00	0.00	1.00	0.00	4.81	90.83	2.00	0.00	1.00	0.00
4.82	92.82	2.00	0.00	1.00	0.00	4.83	94.32	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	95.15	2.00	0.00	1.00	0.00	4.85	95.99	2.00	0.00	1.00	0.00
4.86	93.59	2.00	0.00	1.00	0.00	4.87	89.95	2.00	0.00	1.00	0.00
4.88	85.17	2.00	0.00	1.00	0.00	4.89	85.84	2.00	0.00	1.00	0.00
4.90	86.07	2.00	0.00	1.00	0.00	4.91	85.82	2.00	0.00	1.00	0.00
4.92	84.24	2.00	0.00	1.00	0.00	4.93	82.50	2.00	0.00	1.00	0.00
4.94	80.69	2.00	0.00	1.00	0.00	4.95	77.95	2.00	0.00	1.00	0.00
4.96	74.78	2.00	0.00	1.00	0.00	4.97	71.53	2.00	0.00	1.00	0.00
4.98	68.57	2.00	0.00	1.00	0.00	4.99	65.71	2.00	0.00	1.00	0.00
5.00	62.57	2.00	0.00	1.00	0.00	5.01	60.18	2.00	0.00	1.00	0.00
5.02	57.77	2.00	0.00	1.00	0.00	5.03	55.77	2.00	0.00	1.00	0.00
5.04	53.47	2.00	0.00	1.00	0.00	5.05	51.54	2.00	0.00	1.00	0.00
5.06	49.72	2.00	0.00	1.00	0.00	5.07	48.54	2.00	0.00	1.00	0.00
5.08	47.70	2.00	0.00	1.00	0.00	5.09	46.99	2.00	0.00	1.00	0.00
5.10	46.20	2.00	0.00	1.00	0.00	5.11	45.23	2.00	0.00	1.00	0.00
5.12	43.98	2.00	0.00	1.00	0.00	5.13	43.03	2.00	0.00	1.00	0.00
5.14	42.29	2.00	0.00	1.00	0.00	5.15	42.02	2.00	0.00	1.00	0.00
5.16	41.87	2.00	0.00	1.00	0.00	5.17	41.72	2.00	0.00	1.00	0.00
5.18	41.50	2.00	0.00	1.00	0.00	5.19	41.02	2.00	0.00	1.00	0.00
5.20	40.56	2.00	0.00	1.00	0.00	5.21	39.74	2.00	0.00	1.00	0.00
5.22	39.23	2.00	0.00	1.00	0.00	5.23	38.76	2.00	0.00	1.00	0.00
5.24	38.63	2.00	0.00	1.00	0.00	5.25	38.39	2.00	0.00	1.00	0.00
5.26	38.06	2.00	0.00	1.00	0.00	5.27	37.80	2.00	0.00	1.00	0.00
5.28	37.54	2.00	0.00	1.00	0.00	5.29	37.14	2.00	0.00	1.00	0.00
5.30	36.72	2.00	0.00	1.00	0.00	5.31	36.35	2.00	0.00	1.00	0.00
5.32	36.21	2.00	0.00	1.00	0.00	5.33	36.08	2.00	0.00	1.00	0.00
5.34	35.91	2.00	0.00	1.00	0.00	5.35	35.74	2.00	0.00	1.00	0.00
5.36	35.53	2.00	0.00	1.00	0.00	5.37	35.26	2.00	0.00	1.00	0.00
5.38	34.96	2.00	0.00	1.00	0.00	5.39	34.68	2.00	0.00	1.00	0.00
5.40	34.52	2.00	0.00	1.00	0.00	5.41	34.36	2.00	0.00	1.00	0.00
5.42	34.26	2.00	0.00	1.00	0.00	5.43	34.22	2.00	0.00	1.00	0.00
5.44	34.23	2.00	0.00	1.00	0.00	5.45	34.17	2.00	0.00	1.00	0.00
5.46	34.13	2.00	0.00	1.00	0.00	5.47	34.10	2.00	0.00	1.00	0.00
5.48	34.12	2.00	0.00	1.00	0.00	5.49	34.11	2.00	0.00	1.00	0.00
5.50	34.05	2.00	0.00	1.00	0.00	5.51	34.04	2.00	0.00	1.00	0.00
5.52	34.01	2.00	0.00	1.00	0.00	5.53	33.98	2.00	0.00	1.00	0.00
5.54	33.95	2.00	0.00	1.00	0.00	5.55	33.97	2.00	0.00	1.00	0.00
5.56	33.98	2.00	0.00	1.00	0.00	5.57	33.97	2.00	0.00	1.00	0.00
5.58	33.90	2.00	0.00	1.00	0.00	5.59	33.76	2.00	0.00	1.00	0.00
5.60	33.57	2.00	0.00	1.00	0.00	5.61	33.61	2.00	0.00	1.00	0.00
5.62	33.71	2.00	0.00	1.00	0.00	5.63	33.86	2.00	0.00	1.00	0.00
5.64	33.85	2.00	0.00	1.00	0.00	5.65	33.83	2.00	0.00	1.00	0.00
5.66	33.59	2.00	0.00	1.00	0.00	5.67	33.42	2.00	0.00	1.00	0.00
5.68	33.30	2.00	0.00	1.00	0.00	5.69	33.48	2.00	0.00	1.00	0.00
5.70	33.67	2.00	0.00	1.00	0.00	5.71	33.84	2.00	0.00	1.00	0.00
5.72	33.87	2.00	0.00	1.00	0.00	5.73	33.82	2.00	0.00	1.00	0.00
5.74	33.72	2.00	0.00	1.00	0.00	5.75	33.95	2.00	0.00	1.00	0.00
5.76	33.99	2.00	0.00	1.00	0.00	5.77	34.03	2.00	0.00	1.00	0.00
5.78	34.06	2.00	0.00	1.00	0.00	5.79	34.00	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	34.12	2.00	0.00	1.00	0.00	5.81	33.93	2.00	0.00	1.00	0.00
5.82	33.98	2.00	0.00	1.00	0.00	5.83	33.85	2.00	0.00	1.00	0.00
5.84	33.75	2.00	0.00	1.00	0.00	5.85	33.66	2.00	0.00	1.00	0.00
5.86	33.63	2.00	0.00	1.00	0.00	5.87	32.38	2.00	0.00	1.00	0.00
5.88	31.19	2.00	0.00	1.00	0.00	5.89	29.81	2.00	0.00	1.00	0.00
5.90	30.50	2.00	0.00	1.00	0.00	5.91	30.81	2.00	0.00	1.00	0.00
5.92	31.15	2.00	0.00	1.00	0.00	5.93	31.44	2.00	0.00	1.00	0.00
5.94	31.74	2.00	0.00	1.00	0.00	5.95	31.95	2.00	0.00	1.00	0.00
5.96	32.13	2.00	0.00	1.00	0.00	5.97	32.46	2.00	0.00	1.00	0.00
5.98	32.76	2.00	0.00	1.00	0.00	5.99	33.00	2.00	0.00	1.00	0.00
6.00	32.87	2.00	0.00	1.00	0.00	6.01	32.68	2.00	0.00	1.00	0.00
6.02	32.59	2.00	0.00	1.00	0.00	6.03	32.72	2.00	0.00	1.00	0.00
6.04	32.99	2.00	0.00	1.00	0.00	6.05	33.17	2.00	0.00	1.00	0.00
6.06	33.37	2.00	0.00	1.00	0.00	6.07	33.48	2.00	0.00	1.00	0.00
6.08	33.67	2.00	0.00	1.00	0.00	6.09	34.10	2.00	0.00	1.00	0.00
6.10	34.66	2.00	0.00	1.00	0.00	6.11	35.24	2.00	0.00	1.00	0.00
6.12	35.87	2.00	0.00	1.00	0.00	6.13	36.54	2.00	0.00	1.00	0.00
6.14	37.29	2.00	0.00	1.00	0.00	6.15	37.94	2.00	0.00	1.00	0.00
6.16	38.49	2.00	0.00	1.00	0.00	6.17	38.93	2.00	0.00	1.00	0.00
6.18	39.27	2.00	0.00	1.00	0.00	6.19	39.56	2.00	0.00	1.00	0.00
6.20	39.92	2.00	0.00	1.00	0.00	6.21	40.26	2.00	0.00	1.00	0.00
6.22	40.50	2.00	0.00	1.00	0.00	6.23	40.58	2.00	0.00	1.00	0.00
6.24	40.34	2.00	0.00	1.00	0.00	6.25	40.02	2.00	0.00	1.00	0.00
6.26	39.62	2.00	0.00	1.00	0.00	6.27	39.42	2.00	0.00	1.00	0.00
6.28	39.20	2.00	0.00	1.00	0.00	6.29	38.94	2.00	0.00	1.00	0.00
6.30	38.64	2.00	0.00	1.00	0.00	6.31	38.36	2.00	0.00	1.00	0.00
6.32	38.18	2.00	0.00	1.00	0.00	6.33	37.99	2.00	0.00	1.00	0.00
6.34	37.86	2.00	0.00	1.00	0.00	6.35	37.61	2.00	0.00	1.00	0.00
6.36	37.43	2.00	0.00	1.00	0.00	6.37	37.27	2.00	0.00	1.00	0.00
6.38	37.16	2.00	0.00	1.00	0.00	6.39	36.92	2.00	0.00	1.00	0.00
6.40	36.67	2.00	0.00	1.00	0.00	6.41	36.34	2.00	0.00	1.00	0.00
6.42	36.06	2.00	0.00	1.00	0.00	6.43	35.64	2.00	0.00	1.00	0.00
6.44	35.24	2.00	0.00	1.00	0.00	6.45	34.81	2.00	0.00	1.00	0.00
6.46	34.43	2.00	0.00	1.00	0.00	6.47	34.15	2.00	0.00	1.00	0.00
6.48	33.97	2.00	0.00	1.00	0.00	6.49	33.80	2.00	0.00	1.00	0.00
6.50	33.53	2.00	0.00	1.00	0.00	6.51	33.32	2.00	0.00	1.00	0.00
6.52	33.12	2.00	0.00	1.00	0.00	6.53	33.04	2.00	0.00	1.00	0.00
6.54	32.91	2.00	0.00	1.00	0.00	6.55	32.74	2.00	0.00	1.00	0.00
6.56	32.54	2.00	0.00	1.00	0.00	6.57	32.44	2.00	0.00	1.00	0.00
6.58	32.48	2.00	0.00	1.00	0.00	6.59	32.67	2.00	0.00	1.00	0.00
6.60	32.91	2.00	0.00	1.00	0.00	6.61	33.05	2.00	0.00	1.00	0.00
6.62	33.15	2.00	0.00	1.00	0.00	6.63	33.22	2.00	0.00	1.00	0.00
6.64	33.35	2.00	0.00	1.00	0.00	6.65	33.51	2.00	0.00	1.00	0.00
6.66	33.80	2.00	0.00	1.00	0.00	6.67	34.02	2.00	0.00	1.00	0.00
6.68	34.14	2.00	0.00	1.00	0.00	6.69	34.14	2.00	0.00	1.00	0.00
6.70	34.20	2.00	0.00	1.00	0.00	6.71	34.32	2.00	0.00	1.00	0.00
6.72	34.58	2.00	0.00	1.00	0.00	6.73	35.15	2.00	0.00	1.00	0.00
6.74	35.81	2.00	0.00	1.00	0.00	6.75	36.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	36.48	2.00	0.00	1.00	0.00	6.77	36.61	2.00	0.00	1.00	0.00
6.78	36.93	2.00	0.00	1.00	0.00	6.79	37.18	2.00	0.00	1.00	0.00
6.80	37.39	2.00	0.00	1.00	0.00	6.81	37.62	2.00	0.00	1.00	0.00
6.82	37.75	2.00	0.00	1.00	0.00	6.83	38.04	2.00	0.00	1.00	0.00
6.84	38.13	2.00	0.00	1.00	0.00	6.85	38.28	2.00	0.00	1.00	0.00
6.86	38.25	2.00	0.00	1.00	0.00	6.87	37.14	2.00	0.00	1.00	0.00
6.88	35.92	2.00	0.00	1.00	0.00	6.89	34.52	2.00	0.00	1.00	0.00
6.90	35.02	2.00	0.00	1.00	0.00	6.91	35.49	2.00	0.00	1.00	0.00
6.92	36.01	2.00	0.00	1.00	0.00	6.93	36.64	2.00	0.00	1.00	0.00
6.94	37.24	2.00	0.00	1.00	0.00	6.95	37.80	2.00	0.00	1.00	0.00
6.96	38.21	2.00	0.00	1.00	0.00	6.97	38.57	2.00	0.00	1.00	0.00
6.98	38.91	2.00	0.00	1.00	0.00	6.99	39.21	2.00	0.00	1.00	0.00
7.00	39.42	2.00	0.00	1.00	0.00	7.01	39.46	2.00	0.00	1.00	0.00
7.02	39.37	2.00	0.00	1.00	0.00	7.03	39.34	2.00	0.00	1.00	0.00
7.04	39.39	2.00	0.00	1.00	0.00	7.05	39.39	2.00	0.00	1.00	0.00
7.06	39.26	2.00	0.00	1.00	0.00	7.07	38.98	2.00	0.00	1.00	0.00
7.08	38.67	2.00	0.00	1.00	0.00	7.09	38.36	2.00	0.00	1.00	0.00
7.10	38.27	2.00	0.00	1.00	0.00	7.11	38.17	2.00	0.00	1.00	0.00
7.12	38.04	2.00	0.00	1.00	0.00	7.13	37.76	2.00	0.00	1.00	0.00
7.14	37.52	2.00	0.00	1.00	0.00	7.15	37.45	2.00	0.00	1.00	0.00
7.16	37.38	2.00	0.00	1.00	0.00	7.17	37.35	2.00	0.00	1.00	0.00
7.18	37.26	2.00	0.00	1.00	0.00	7.19	37.38	2.00	0.00	1.00	0.00
7.20	37.44	2.00	0.00	1.00	0.00	7.21	37.51	2.00	0.00	1.00	0.00
7.22	37.60	2.00	0.00	1.00	0.00	7.23	37.69	2.00	0.00	1.00	0.00
7.24	37.83	2.00	0.00	1.00	0.00	7.25	37.92	2.00	0.00	1.00	0.00
7.26	38.30	2.00	0.00	1.00	0.00	7.27	38.70	2.00	0.00	1.00	0.00
7.28	38.96	2.00	0.00	1.00	0.00	7.29	38.85	2.00	0.00	1.00	0.00
7.30	38.72	2.00	0.00	1.00	0.00	7.31	38.71	2.00	0.00	1.00	0.00
7.32	38.83	2.00	0.00	1.00	0.00	7.33	38.92	2.00	0.00	1.00	0.00
7.34	39.03	2.00	0.00	1.00	0.00	7.35	39.09	2.00	0.00	1.00	0.00
7.36	39.00	2.00	0.00	1.00	0.00	7.37	38.81	2.00	0.00	1.00	0.00
7.38	38.46	2.00	0.00	1.00	0.00	7.39	38.09	2.00	0.00	1.00	0.00
7.40	37.68	2.00	0.00	1.00	0.00	7.41	37.38	2.00	0.00	1.00	0.00
7.42	37.00	2.00	0.00	1.00	0.00	7.43	36.94	2.00	0.00	1.00	0.00
7.44	37.00	2.00	0.00	1.00	0.00	7.45	37.12	2.00	0.00	1.00	0.00
7.46	36.90	2.00	0.00	1.00	0.00	7.47	36.47	2.00	0.00	1.00	0.00
7.48	35.95	2.00	0.00	1.00	0.00	7.49	35.47	2.00	0.00	1.00	0.00
7.50	35.24	2.00	0.00	1.00	0.00	7.51	35.09	2.00	0.00	1.00	0.00
7.52	34.85	2.00	0.00	1.00	0.00	7.53	34.49	2.00	0.00	1.00	0.00
7.54	34.10	2.00	0.00	1.00	0.00	7.55	34.06	2.00	0.00	1.00	0.00
7.56	34.25	2.00	0.00	1.00	0.00	7.57	34.57	2.00	0.00	1.00	0.00
7.58	34.77	2.00	0.00	1.00	0.00	7.59	35.02	2.00	0.00	1.00	0.00
7.60	35.31	2.00	0.00	1.00	0.00	7.61	35.57	2.00	0.00	1.00	0.00
7.62	35.67	2.00	0.00	1.00	0.00	7.63	35.72	2.00	0.00	1.00	0.00
7.64	35.72	2.00	0.00	1.00	0.00	7.65	35.85	2.00	0.00	1.00	0.00
7.66	35.88	2.00	0.00	1.00	0.00	7.67	35.98	2.00	0.00	1.00	0.00
7.68	36.06	2.00	0.00	1.00	0.00	7.69	36.30	2.00	0.00	1.00	0.00
7.70	36.42	2.00	0.00	1.00	0.00	7.71	36.20	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	35.78	2.00	0.00	1.00	0.00	7.73	35.39	2.00	0.00	1.00	0.00
7.74	35.20	2.00	0.00	1.00	0.00	7.75	35.17	2.00	0.00	1.00	0.00
7.76	35.21	2.00	0.00	1.00	0.00	7.77	35.31	2.00	0.00	1.00	0.00
7.78	35.41	2.00	0.00	1.00	0.00	7.79	35.51	2.00	0.00	1.00	0.00
7.80	35.60	2.00	0.00	1.00	0.00	7.81	35.73	2.00	0.00	1.00	0.00
7.82	35.89	2.00	0.00	1.00	0.00	7.83	36.02	2.00	0.00	1.00	0.00
7.84	36.11	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	36.17	2.00	0.00	1.00	0.00	7.87	33.99	2.00	0.00	1.00	0.00
7.88	32.08	2.00	0.00	1.00	0.00	7.89	30.13	2.00	0.00	1.00	0.00
7.90	31.32	2.00	0.00	1.00	0.00	7.91	32.11	2.00	0.00	1.00	0.00
7.92	32.84	2.00	0.00	1.00	0.00	7.93	33.57	2.00	0.00	1.00	0.00
7.94	34.36	2.00	0.00	1.00	0.00	7.95	34.87	2.00	0.00	1.00	0.00
7.96	35.14	2.00	0.00	1.00	0.00	7.97	34.91	2.00	0.00	1.00	0.00
7.98	34.84	2.00	0.00	1.00	0.00	7.99	34.96	2.00	0.00	1.00	0.00
8.00	35.23	2.00	0.00	1.00	0.00	8.01	35.14	2.00	0.00	1.00	0.00
8.02	35.04	2.00	0.00	1.00	0.00	8.03	35.07	2.00	0.00	1.00	0.00
8.04	35.42	2.00	0.00	1.00	0.00	8.05	35.16	2.00	0.00	1.00	0.00
8.06	35.04	2.00	0.00	1.00	0.00	8.07	35.39	2.00	0.00	1.00	0.00
8.08	36.44	2.00	0.00	1.00	0.00	8.09	36.86	2.00	0.00	1.00	0.00
8.10	36.42	2.00	0.00	1.00	0.00	8.11	35.74	2.00	0.00	1.00	0.00
8.12	35.45	2.00	0.00	1.00	0.00	8.13	35.44	2.00	0.00	1.00	0.00
8.14	35.35	2.00	0.00	1.00	0.00	8.15	35.20	2.00	0.00	1.00	0.00
8.16	34.92	2.00	0.00	1.00	0.00	8.17	34.50	2.00	0.00	1.00	0.00
8.18	33.86	2.00	0.00	1.00	0.00	8.19	33.52	2.00	0.00	1.00	0.00
8.20	33.67	2.00	0.00	1.00	0.00	8.21	34.01	2.00	0.00	1.00	0.00
8.22	34.19	2.00	0.00	1.00	0.00	8.23	34.11	2.00	0.00	1.00	0.00
8.24	34.00	2.00	0.00	1.00	0.00	8.25	34.00	2.00	0.00	1.00	0.00
8.26	34.04	2.00	0.00	1.00	0.00	8.27	34.16	2.00	0.00	1.00	0.00
8.28	34.27	2.00	0.00	1.00	0.00	8.29	34.42	2.00	0.00	1.00	0.00
8.30	34.58	2.00	0.00	1.00	0.00	8.31	34.69	2.00	0.00	1.00	0.00
8.32	34.94	2.00	0.00	1.00	0.00	8.33	35.19	2.00	0.00	1.00	0.00
8.34	35.47	2.00	0.00	1.00	0.00	8.35	35.58	2.00	0.00	1.00	0.00
8.36	35.66	2.00	0.00	1.00	0.00	8.37	35.60	2.00	0.00	1.00	0.00
8.38	35.54	2.00	0.00	1.00	0.00	8.39	35.47	2.00	0.00	1.00	0.00
8.40	35.51	2.00	0.00	1.00	0.00	8.41	35.57	2.00	0.00	1.00	0.00
8.42	35.65	2.00	0.00	1.00	0.00	8.43	35.72	2.00	0.00	1.00	0.00
8.44	35.83	2.00	0.00	1.00	0.00	8.45	36.00	2.00	0.00	1.00	0.00
8.46	36.17	2.00	0.00	1.00	0.00	8.47	36.31	2.00	0.00	1.00	0.00
8.48	36.38	2.00	0.00	1.00	0.00	8.49	36.42	2.00	0.00	1.00	0.00
8.50	36.50	2.00	0.00	1.00	0.00	8.51	36.61	2.00	0.00	1.00	0.00
8.52	36.71	2.00	0.00	1.00	0.00	8.53	36.73	2.00	0.00	1.00	0.00
8.54	36.69	2.00	0.00	1.00	0.00	8.55	36.69	2.00	0.00	1.00	0.00
8.56	36.73	2.00	0.00	1.00	0.00	8.57	36.73	2.00	0.00	1.00	0.00
8.58	36.66	2.00	0.00	1.00	0.00	8.59	36.58	2.00	0.00	1.00	0.00
8.60	36.52	2.00	0.00	1.00	0.00	8.61	36.45	2.00	0.00	1.00	0.00
8.62	36.35	2.00	0.00	1.00	0.00	8.63	36.25	2.00	0.00	1.00	0.00
8.64	36.14	2.00	0.00	1.00	0.00	8.65	36.11	2.00	0.00	1.00	0.00
8.66	36.14	2.00	0.00	1.00	0.00	8.67	36.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
8.68	36.14	2.00	0.00	1.00	0.00	8.69	36.14	2.00	0.00	1.00	0.00
8.70	36.18	2.00	0.00	1.00	0.00	8.71	36.21	2.00	0.00	1.00	0.00
8.72	36.24	2.00	0.00	1.00	0.00	8.73	36.34	2.00	0.00	1.00	0.00
8.74	36.34	2.00	0.00	1.00	0.00	8.75	36.31	2.00	0.00	1.00	0.00
8.76	36.27	2.00	0.00	1.00	0.00	8.77	36.30	2.00	0.00	1.00	0.00
8.78	36.33	2.00	0.00	1.00	0.00	8.79	36.36	2.00	0.00	1.00	0.00
8.80	36.39	2.00	0.00	1.00	0.00	8.81	36.50	2.00	0.00	1.00	0.00
8.82	36.54	2.00	0.00	1.00	0.00	8.83	36.64	2.00	0.00	1.00	0.00
8.84	36.72	2.00	0.00	1.00	0.00	8.85	36.81	2.00	0.00	1.00	0.00
8.86	36.84	2.00	0.00	1.00	0.00	8.87	34.68	2.00	0.00	1.00	0.00
8.88	32.74	2.00	0.00	1.00	0.00	8.89	30.79	2.00	0.00	1.00	0.00
8.90	31.89	2.00	0.00	1.00	0.00	8.91	32.59	2.00	0.00	1.00	0.00
8.92	33.45	2.00	0.00	1.00	0.00	8.93	34.10	2.00	0.00	1.00	0.00
8.94	34.61	2.00	0.00	1.00	0.00	8.95	34.71	2.00	0.00	1.00	0.00
8.96	34.96	2.00	0.00	1.00	0.00	8.97	35.29	2.00	0.00	1.00	0.00
8.98	35.65	2.00	0.00	1.00	0.00	8.99	35.94	2.00	0.00	1.00	0.00
9.00	36.08	2.00	0.00	1.00	0.00	9.01	36.16	2.00	0.00	1.00	0.00
9.02	36.10	2.00	0.00	1.00	0.00	9.03	36.01	2.00	0.00	1.00	0.00
9.04	36.02	2.00	0.00	1.00	0.00	9.05	36.12	2.00	0.00	1.00	0.00
9.06	36.25	2.00	0.00	1.00	0.00	9.07	36.38	2.00	0.00	1.00	0.00
9.08	36.41	2.00	0.00	1.00	0.00	9.09	36.40	2.00	0.00	1.00	0.00
9.10	36.31	2.00	0.00	1.00	0.00	9.11	36.35	2.00	0.00	1.00	0.00
9.12	36.58	2.00	0.00	1.00	0.00	9.13	36.85	2.00	0.00	1.00	0.00
9.14	37.15	2.00	0.00	1.00	0.00	9.15	37.34	2.00	0.00	1.00	0.00
9.16	37.49	2.00	0.00	1.00	0.00	9.17	37.36	2.00	0.00	1.00	0.00
9.18	37.02	2.00	0.00	1.00	0.00	9.19	36.65	2.00	0.00	1.00	0.00
9.20	36.39	2.00	0.00	1.00	0.00	9.21	36.31	2.00	0.00	1.00	0.00
9.22	36.19	2.00	0.00	1.00	0.00	9.23	36.19	2.00	0.00	1.00	0.00
9.24	36.27	2.00	0.00	1.00	0.00	9.25	36.51	2.00	0.00	1.00	0.00
9.26	36.80	2.00	0.00	1.00	0.00	9.27	36.93	2.00	0.00	1.00	0.00
9.28	37.30	2.00	0.00	1.00	0.00	9.29	37.72	2.00	0.00	1.00	0.00
9.30	38.48	2.00	0.00	1.00	0.00	9.31	39.49	2.00	0.00	1.00	0.00
9.32	40.58	2.00	0.00	1.00	0.00	9.33	41.61	2.00	0.00	1.00	0.00
9.34	42.70	2.00	0.00	1.00	0.00	9.35	43.82	2.00	0.00	1.00	0.00
9.36	44.96	2.00	0.00	1.00	0.00	9.37	46.01	2.00	0.00	1.00	0.00
9.38	46.97	2.00	0.00	1.00	0.00	9.39	47.88	2.00	0.00	1.00	0.00
9.40	48.55	2.00	0.00	1.00	0.00	9.41	49.03	2.00	0.00	1.00	0.00
9.42	49.20	2.00	0.00	1.00	0.00	9.43	48.99	2.00	0.00	1.00	0.00
9.44	48.67	2.00	0.00	1.00	0.00	9.45	48.35	2.00	0.00	1.00	0.00
9.46	48.19	2.00	0.00	1.00	0.00	9.47	48.02	2.00	0.00	1.00	0.00
9.48	47.64	2.00	0.00	1.00	0.00	9.49	46.71	2.00	0.00	1.00	0.00
9.50	45.59	2.00	0.00	1.00	0.00	9.51	44.42	2.00	0.00	1.00	0.00
9.52	43.67	2.00	0.00	1.00	0.00	9.53	43.20	2.00	0.00	1.00	0.00
9.54	42.92	2.00	0.00	1.00	0.00	9.55	42.56	2.00	0.00	1.00	0.00
9.56	42.11	2.00	0.00	1.00	0.00	9.57	41.57	2.00	0.00	1.00	0.00
9.58	41.05	2.00	0.00	1.00	0.00	9.59	40.60	2.00	0.00	1.00	0.00
9.60	40.07	2.00	0.00	1.00	0.00	9.61	39.70	2.00	0.00	1.00	0.00
9.62	39.30	2.00	0.00	1.00	0.00	9.63	39.42	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	39.70	2.00	0.00	1.00	0.00	9.65	40.08	2.00	0.00	1.00	0.00
9.66	40.20	2.00	0.00	1.00	0.00	9.67	40.21	2.00	0.00	1.00	0.00
9.68	40.17	2.00	0.00	1.00	0.00	9.69	40.52	2.00	0.00	1.00	0.00
9.70	41.07	2.00	0.00	1.00	0.00	9.71	41.73	2.00	0.00	1.00	0.00
9.72	42.20	2.00	0.00	1.00	0.00	9.73	42.61	2.00	0.00	1.00	0.00
9.74	42.90	2.00	0.00	1.00	0.00	9.75	43.20	2.00	0.00	1.00	0.00
9.76	43.53	2.00	0.00	1.00	0.00	9.77	43.95	2.00	0.00	1.00	0.00
9.78	44.37	2.00	0.00	1.00	0.00	9.79	44.58	2.00	0.00	1.00	0.00
9.80	44.72	2.00	0.00	1.00	0.00	9.81	44.69	2.00	0.00	1.00	0.00
9.82	44.64	2.00	0.00	1.00	0.00	9.83	44.36	2.00	0.00	1.00	0.00
9.84	44.12	2.00	0.00	1.00	0.00	9.85	43.94	2.00	0.00	1.00	0.00
9.86	41.48	2.00	0.00	1.00	0.00	9.87	38.68	2.00	0.00	1.00	0.00
9.88	35.57	2.00	0.00	1.00	0.00	9.89	36.25	2.00	0.00	1.00	0.00
9.90	37.06	2.00	0.00	1.00	0.00	9.91	37.72	2.00	0.00	1.00	0.00
9.92	38.23	2.00	0.00	1.00	0.00	9.93	38.70	2.00	0.00	1.00	0.00
9.94	39.37	2.00	0.00	1.00	0.00	9.95	40.27	2.00	0.00	1.00	0.00
9.96	40.93	2.00	0.00	1.00	0.00	9.97	41.30	2.00	0.00	1.00	0.00
9.98	41.44	2.00	0.00	1.00	0.00	9.99	41.69	2.00	0.00	1.00	0.00
10.00	42.06	2.00	0.00	1.00	0.00	10.01	42.49	2.00	0.00	1.00	0.00
10.02	42.67	2.00	0.00	1.00	0.00	10.03	42.71	2.00	0.00	1.00	0.00
10.04	42.64	2.00	0.00	1.00	0.00	10.05	42.62	2.00	0.00	1.00	0.00
10.06	42.61	2.00	0.00	1.00	0.00	10.07	42.57	2.00	0.00	1.00	0.00
10.08	42.51	2.00	0.00	1.00	0.00	10.09	42.43	2.00	0.00	1.00	0.00
10.10	42.25	2.00	0.00	1.00	0.00	10.11	42.00	2.00	0.00	1.00	0.00
10.12	41.56	2.00	0.00	1.00	0.00	10.13	41.01	2.00	0.00	1.00	0.00
10.14	40.41	2.00	0.00	1.00	0.00	10.15	39.93	2.00	0.00	1.00	0.00
10.16	39.58	2.00	0.00	1.00	0.00	10.17	39.34	2.00	0.00	1.00	0.00
10.18	39.21	2.00	0.00	1.00	0.00	10.19	39.40	2.00	0.00	1.00	0.00
10.20	39.61	2.00	0.00	1.00	0.00	10.21	39.93	2.00	0.00	1.00	0.00
10.22	40.09	2.00	0.00	1.00	0.00	10.23	40.29	2.00	0.00	1.00	0.00
10.24	40.36	2.00	0.00	1.00	0.00	10.25	40.43	2.00	0.00	1.00	0.00
10.26	40.48	2.00	0.00	1.00	0.00	10.27	40.68	2.00	0.00	1.00	0.00
10.28	40.91	2.00	0.00	1.00	0.00	10.29	41.12	2.00	0.00	1.00	0.00
10.30	41.17	2.00	0.00	1.00	0.00	10.31	41.15	2.00	0.00	1.00	0.00
10.32	41.16	2.00	0.00	1.00	0.00	10.33	41.11	2.00	0.00	1.00	0.00
10.34	40.87	2.00	0.00	1.00	0.00	10.35	40.54	2.00	0.00	1.00	0.00
10.36	40.31	2.00	0.00	1.00	0.00	10.37	40.36	2.00	0.00	1.00	0.00
10.38	40.48	2.00	0.00	1.00	0.00	10.39	40.56	2.00	0.00	1.00	0.00
10.40	40.60	2.00	0.00	1.00	0.00	10.41	40.53	2.00	0.00	1.00	0.00
10.42	40.36	2.00	0.00	1.00	0.00	10.43	40.08	2.00	0.00	1.00	0.00
10.44	39.83	2.00	0.00	1.00	0.00	10.45	39.62	2.00	0.00	1.00	0.00
10.46	39.50	2.00	0.00	1.00	0.00	10.47	39.38	2.00	0.00	1.00	0.00
10.48	39.28	2.00	0.00	1.00	0.00	10.49	39.16	2.00	0.00	1.00	0.00
10.50	39.06	2.00	0.00	1.00	0.00	10.51	38.91	2.00	0.00	1.00	0.00
10.52	38.70	2.00	0.00	1.00	0.00	10.53	38.50	2.00	0.00	1.00	0.00
10.54	38.31	2.00	0.00	1.00	0.00	10.55	38.22	2.00	0.00	1.00	0.00
10.56	38.14	2.00	0.00	1.00	0.00	10.57	38.14	2.00	0.00	1.00	0.00
10.58	38.16	2.00	0.00	1.00	0.00	10.59	38.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	38.17	2.00	0.00	1.00	0.00	10.61	38.22	2.00	0.00	1.00	0.00
10.62	38.26	2.00	0.00	1.00	0.00	10.63	38.25	2.00	0.00	1.00	0.00
10.64	38.18	2.00	0.00	1.00	0.00	10.65	38.13	2.00	0.00	1.00	0.00
10.66	38.09	2.00	0.00	1.00	0.00	10.67	38.08	2.00	0.00	1.00	0.00
10.68	38.07	2.00	0.00	1.00	0.00	10.69	38.09	2.00	0.00	1.00	0.00
10.70	38.11	2.00	0.00	1.00	0.00	10.71	38.13	2.00	0.00	1.00	0.00
10.72	38.10	2.00	0.00	1.00	0.00	10.73	38.08	2.00	0.00	1.00	0.00
10.74	38.05	2.00	0.00	1.00	0.00	10.75	38.06	2.00	0.00	1.00	0.00
10.76	38.09	2.00	0.00	1.00	0.00	10.77	38.14	2.00	0.00	1.00	0.00
10.78	38.13	2.00	0.00	1.00	0.00	10.79	38.03	2.00	0.00	1.00	0.00
10.80	37.88	2.00	0.00	1.00	0.00	10.81	37.72	2.00	0.00	1.00	0.00
10.82	37.62	2.00	0.00	1.00	0.00	10.83	37.52	2.00	0.00	1.00	0.00
10.84	37.46	2.00	0.00	1.00	0.00	10.85	37.40	2.00	0.00	1.00	0.00
10.86	35.22	2.00	0.00	1.00	0.00	10.87	33.03	2.00	0.00	1.00	0.00
10.88	30.59	2.00	0.00	1.00	0.00	10.89	31.18	2.00	0.00	1.00	0.00
10.90	31.50	2.00	0.00	1.00	0.00	10.91	31.84	2.00	0.00	1.00	0.00
10.92	32.15	2.00	0.00	1.00	0.00	10.93	32.67	2.00	0.00	1.00	0.00
10.94	33.22	2.00	0.00	1.00	0.00	10.95	33.85	2.00	0.00	1.00	0.00
10.96	34.46	2.00	0.00	1.00	0.00	10.97	34.99	2.00	0.00	1.00	0.00
10.98	35.45	2.00	0.00	1.00	0.00	10.99	35.69	2.00	0.00	1.00	0.00
11.00	35.99	2.00	0.00	1.00	0.00	11.01	36.32	2.00	0.00	1.00	0.00
11.02	36.56	2.00	0.00	1.00	0.00	11.03	36.59	2.00	0.00	1.00	0.00
11.04	36.49	2.00	0.00	1.00	0.00	11.05	36.46	2.00	0.00	1.00	0.00
11.06	36.51	2.00	0.00	1.00	0.00	11.07	36.49	2.00	0.00	1.00	0.00
11.08	36.42	2.00	0.00	1.00	0.00	11.09	36.28	2.00	0.00	1.00	0.00
11.10	36.30	2.00	0.00	1.00	0.00	11.11	36.38	2.00	0.00	1.00	0.00
11.12	36.44	2.00	0.00	1.00	0.00	11.13	36.37	2.00	0.00	1.00	0.00
11.14	36.30	2.00	0.00	1.00	0.00	11.15	36.29	2.00	0.00	1.00	0.00
11.16	36.28	2.00	0.00	1.00	0.00	11.17	36.27	2.00	0.00	1.00	0.00
11.18	36.26	2.00	0.00	1.00	0.00	11.19	36.28	2.00	0.00	1.00	0.00
11.20	36.18	2.00	0.00	1.00	0.00	11.21	36.08	2.00	0.00	1.00	0.00
11.22	36.01	2.00	0.00	1.00	0.00	11.23	36.00	2.00	0.00	1.00	0.00
11.24	35.93	2.00	0.00	1.00	0.00	11.25	35.77	2.00	0.00	1.00	0.00
11.26	35.73	2.00	0.00	1.00	0.00	11.27	35.78	2.00	0.00	1.00	0.00
11.28	36.05	2.00	0.00	1.00	0.00	11.29	36.22	2.00	0.00	1.00	0.00
11.30	36.42	2.00	0.00	1.00	0.00	11.31	36.51	2.00	0.00	1.00	0.00
11.32	36.64	2.00	0.00	1.00	0.00	11.33	36.80	2.00	0.00	1.00	0.00
11.34	37.06	2.00	0.00	1.00	0.00	11.35	37.42	2.00	0.00	1.00	0.00
11.36	37.76	2.00	0.00	1.00	0.00	11.37	37.76	2.00	0.00	1.00	0.00
11.38	37.76	2.00	0.00	1.00	0.00	11.39	37.82	2.00	0.00	1.00	0.00
11.40	37.91	2.00	0.00	1.00	0.00	11.41	38.26	2.00	0.00	1.00	0.00
11.42	38.54	2.00	0.00	1.00	0.00	11.43	39.03	2.00	0.00	1.00	0.00
11.44	38.95	2.00	0.00	1.00	0.00	11.45	39.04	2.00	0.00	1.00	0.00
11.46	39.25	2.00	0.00	1.00	0.00	11.47	39.58	2.00	0.00	1.00	0.00
11.48	39.87	2.00	0.00	1.00	0.00	11.49	40.15	2.00	0.00	1.00	0.00
11.50	41.21	2.00	0.00	1.00	0.00	11.51	42.51	2.00	0.00	1.00	0.00
11.52	43.77	2.00	0.00	1.00	0.00	11.53	44.59	2.00	0.00	1.00	0.00
11.54	45.19	2.00	0.00	1.00	0.00	11.55	45.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	45.60	2.00	0.00	1.00	0.00	11.57	45.63	2.00	0.00	1.00	0.00
11.58	45.86	2.00	0.00	1.00	0.00	11.59	46.15	2.00	0.00	1.00	0.00
11.60	46.36	2.00	0.00	1.00	0.00	11.61	46.39	2.00	0.00	1.00	0.00
11.62	46.37	2.00	0.00	1.00	0.00	11.63	46.12	2.00	0.00	1.00	0.00
11.64	45.35	2.00	0.00	1.00	0.00	11.65	44.83	2.00	0.00	1.00	0.00
11.66	44.40	2.00	0.00	1.00	0.00	11.67	44.42	2.00	0.00	1.00	0.00
11.68	44.51	2.00	0.00	1.00	0.00	11.69	45.07	2.00	0.00	1.00	0.00
11.70	46.04	2.00	0.00	1.00	0.00	11.71	47.21	2.00	0.00	1.00	0.00
11.72	48.31	2.00	0.00	1.00	0.00	11.73	49.36	2.00	0.00	1.00	0.00
11.74	50.84	2.00	0.00	1.00	0.00	11.75	52.46	2.00	0.00	1.00	0.00
11.76	54.34	2.00	0.00	1.00	0.00	11.77	56.54	2.00	0.00	1.00	0.00
11.78	58.82	2.00	0.00	1.00	0.00	11.79	60.95	2.00	0.00	1.00	0.00
11.80	62.73	2.00	0.00	1.00	0.00	11.81	64.72	2.00	0.00	1.00	0.00
11.82	66.53	2.00	0.00	1.00	0.00	11.83	67.60	2.00	0.00	1.00	0.00
11.84	67.87	2.00	0.00	1.00	0.00	11.85	69.35	2.00	0.00	1.00	0.00
11.86	71.76	2.00	0.00	1.00	0.00	11.87	74.89	2.00	0.00	1.00	0.00
11.88	76.91	2.00	0.00	1.00	0.00	11.89	78.35	2.00	0.00	1.00	0.00
11.90	80.08	2.00	0.00	1.00	0.00	11.91	81.68	2.00	0.00	1.00	0.00
11.92	83.07	2.00	0.00	1.00	0.00	11.93	84.18	2.00	0.00	1.00	0.00
11.94	85.58	2.00	0.00	1.00	0.00	11.95	87.21	2.00	0.00	1.00	0.00
11.96	88.75	2.00	0.00	1.00	0.00	11.97	90.03	2.00	0.00	1.00	0.00
11.98	90.87	2.00	0.00	1.00	0.00	11.99	90.83	2.00	0.00	1.00	0.00
12.00	90.43	2.00	0.00	1.00	0.00	12.01	89.96	2.00	0.00	1.00	0.00
12.02	90.04	2.00	0.00	1.00	0.00	12.03	90.30	2.00	0.00	1.00	0.00
12.04	90.58	2.00	0.00	1.00	0.00	12.05	90.42	2.00	0.00	1.00	0.00
12.06	90.00	2.00	0.00	1.00	0.00	12.07	89.36	2.00	0.00	1.00	0.00
12.08	88.75	2.00	0.00	1.00	0.00	12.09	88.34	2.00	0.00	1.00	0.00
12.10	88.15	2.00	0.00	1.00	0.00	12.11	88.01	2.00	0.00	1.00	0.00
12.12	87.70	2.00	0.00	1.00	0.00	12.13	87.51	2.00	0.00	1.00	0.00
12.14	87.32	2.00	0.00	1.00	0.00	12.15	86.63	2.00	0.00	1.00	0.00
12.16	85.64	2.00	0.00	1.00	0.00	12.17	84.45	2.00	0.00	1.00	0.00
12.18	83.39	2.00	0.00	1.00	0.00	12.19	82.11	2.00	0.00	1.00	0.00
12.20	80.76	2.00	0.00	1.00	0.00	12.21	79.66	2.00	0.00	1.00	0.00
12.22	78.41	2.00	0.00	1.00	0.00	12.23	77.04	2.00	0.00	1.00	0.00
12.24	75.55	2.00	0.00	1.00	0.00	12.25	74.34	2.00	0.00	1.00	0.00
12.26	72.89	2.00	0.00	1.00	0.00	12.27	71.32	2.00	0.00	1.00	0.00
12.28	69.77	2.00	0.00	1.00	0.00	12.29	68.40	2.00	0.00	1.00	0.00
12.30	66.92	2.00	0.00	1.00	0.00	12.31	65.21	2.00	0.00	1.00	0.00
12.32	63.25	2.00	0.00	1.00	0.00	12.33	60.97	2.00	0.00	1.00	0.00
12.34	58.82	2.00	0.00	1.00	0.00	12.35	56.96	2.00	0.00	1.00	0.00
12.36	55.68	2.00	0.00	1.00	0.00	12.37	54.49	2.00	0.00	1.00	0.00
12.38	53.24	2.00	0.00	1.00	0.00	12.39	52.04	2.00	0.00	1.00	0.00
12.40	50.97	2.00	0.00	1.00	0.00	12.41	50.12	2.00	0.00	1.00	0.00
12.42	49.96	2.00	0.00	1.00	0.00	12.43	50.34	2.00	0.00	1.00	0.00
12.44	51.05	2.00	0.00	1.00	0.00	12.45	51.53	2.00	0.00	1.00	0.00
12.46	51.70	2.00	0.00	1.00	0.00	12.47	52.19	2.00	0.00	1.00	0.00
12.48	52.99	2.00	0.00	1.00	0.00	12.49	54.17	2.00	0.00	1.00	0.00
12.50	55.30	2.00	0.00	1.00	0.00	12.51	56.12	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	56.93	2.00	0.00	1.00	0.00	12.53	57.55	2.00	0.00	1.00	0.00
12.54	58.20	2.00	0.00	1.00	0.00	12.55	58.62	2.00	0.00	1.00	0.00
12.56	59.25	0.50	3.59	1.00	0.04	12.57	61.22	0.52	3.49	1.00	0.03
12.58	63.64	0.53	3.38	1.00	0.03	12.59	66.20	0.54	3.28	1.00	0.03
12.60	68.68	0.56	3.18	1.00	0.03	12.61	71.14	2.00	0.00	1.00	0.00
12.62	73.83	2.00	0.00	1.00	0.00	12.63	75.97	2.00	0.00	1.00	0.00
12.64	79.25	2.00	0.00	1.00	0.00	12.65	82.12	2.00	0.00	1.00	0.00
12.66	84.86	2.00	0.00	1.00	0.00	12.67	88.01	2.00	0.00	1.00	0.00
12.68	91.60	2.00	0.00	1.00	0.00	12.69	95.44	2.00	0.00	1.00	0.00
12.70	98.24	2.00	0.00	1.00	0.00	12.71	100.42	2.00	0.00	1.00	0.00
12.72	102.26	2.00	0.00	1.00	0.00	12.73	104.45	2.00	0.00	1.00	0.00
12.74	107.63	2.00	0.00	1.00	0.00	12.75	111.22	2.00	0.00	1.00	0.00
12.76	114.28	2.00	0.00	1.00	0.00	12.77	117.25	2.00	0.00	1.00	0.00
12.78	119.75	2.00	0.00	1.00	0.00	12.79	121.94	2.00	0.00	1.00	0.00
12.80	122.46	2.00	0.00	1.00	0.00	12.81	122.24	2.00	0.00	1.00	0.00
12.82	121.47	2.00	0.00	1.00	0.00	12.83	121.14	2.00	0.00	1.00	0.00
12.84	121.03	2.00	0.00	1.00	0.00	12.85	123.02	2.00	0.00	1.00	0.00
12.86	125.33	2.00	0.00	1.00	0.00	12.87	127.83	2.00	0.00	1.00	0.00
12.88	128.40	2.00	0.00	1.00	0.00	12.89	128.72	2.00	0.00	1.00	0.00
12.90	129.16	2.00	0.00	1.00	0.00	12.91	129.29	2.00	0.00	1.00	0.00
12.92	129.70	2.00	0.00	1.00	0.00	12.93	129.88	2.00	0.00	1.00	0.00
12.94	130.71	2.00	0.00	1.00	0.00	12.95	132.14	2.00	0.00	1.00	0.00
12.96	134.16	2.00	0.00	1.00	0.00	12.97	135.87	2.00	0.00	1.00	0.00
12.98	136.88	2.00	0.00	1.00	0.00	12.99	137.31	2.00	0.00	1.00	0.00
13.00	137.55	2.00	0.00	1.00	0.00	13.01	137.42	2.00	0.00	1.00	0.00
13.02	136.95	2.00	0.00	1.00	0.00	13.03	136.32	2.00	0.00	1.00	0.00
13.04	135.49	2.00	0.00	1.00	0.00	13.05	134.48	2.00	0.00	1.00	0.00
13.06	132.97	2.00	0.00	1.00	0.00	13.07	130.31	2.00	0.00	1.00	0.00
13.08	126.80	2.00	0.00	1.00	0.00	13.09	122.91	2.00	0.00	1.00	0.00
13.10	119.28	2.00	0.00	1.00	0.00	13.11	113.92	2.00	0.00	1.00	0.00
13.12	107.79	2.00	0.00	1.00	0.00	13.13	101.48	2.00	0.00	1.00	0.00
13.14	95.68	2.00	0.00	1.00	0.00	13.15	90.31	2.00	0.00	1.00	0.00
13.16	85.34	2.00	0.00	1.00	0.00	13.17	81.53	2.00	0.00	1.00	0.00
13.18	78.24	2.00	0.00	1.00	0.00	13.19	76.29	2.00	0.00	1.00	0.00
13.20	76.23	2.00	0.00	1.00	0.00	13.21	76.45	2.00	0.00	1.00	0.00
13.22	75.88	2.00	0.00	1.00	0.00	13.23	74.49	2.00	0.00	1.00	0.00
13.24	73.87	2.00	0.00	1.00	0.00	13.25	74.88	2.00	0.00	1.00	0.00
13.26	77.70	2.00	0.00	1.00	0.00	13.27	83.10	2.00	0.00	1.00	0.00
13.28	88.32	2.00	0.00	1.00	0.00	13.29	92.80	2.00	0.00	1.00	0.00
13.30	95.51	2.00	0.00	1.00	0.00	13.31	97.37	2.00	0.00	1.00	0.00
13.32	98.42	2.00	0.00	1.00	0.00	13.33	98.08	2.00	0.00	1.00	0.00
13.34	97.81	2.00	0.00	1.00	0.00	13.35	98.25	2.00	0.00	1.00	0.00
13.36	99.71	2.00	0.00	1.00	0.00	13.37	101.93	2.00	0.00	1.00	0.00
13.38	103.52	2.00	0.00	1.00	0.00	13.39	104.33	2.00	0.00	1.00	0.00
13.40	103.91	2.00	0.00	1.00	0.00	13.41	103.40	2.00	0.00	1.00	0.00
13.42	102.71	2.00	0.00	1.00	0.00	13.43	101.03	2.00	0.00	1.00	0.00
13.44	98.66	2.00	0.00	1.00	0.00	13.45	96.20	2.00	0.00	1.00	0.00
13.46	94.91	2.00	0.00	1.00	0.00	13.47	94.27	2.00	0.00	1.00	0.00

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

Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	93.73	2.00	0.00	1.00	0.00	13.49	92.48	2.00	0.00	1.00	0.00
13.50	90.71	2.00	0.00	1.00	0.00	13.51	87.86	2.00	0.00	1.00	0.00
13.52	82.76	2.00	0.00	1.00	0.00	13.53	77.16	0.65	2.89	1.00	0.03
13.54	72.21	0.61	3.05	1.00	0.03	13.55	71.17	0.61	3.09	1.00	0.03
13.56	71.57	0.61	3.07	1.00	0.03	13.57	72.93	0.62	3.03	1.00	0.03
13.58	75.00	0.64	2.96	1.00	0.03	13.59	76.94	0.65	2.90	1.00	0.03
13.60	77.24	0.66	2.89	1.00	0.03	13.61	75.39	0.64	2.95	1.00	0.03
13.62	72.64	2.00	0.00	1.00	0.00	13.63	70.74	2.00	0.00	1.00	0.00
13.64	69.78	2.00	0.00	1.00	0.00	13.65	69.66	2.00	0.00	1.00	0.00
13.66	70.31	2.00	0.00	1.00	0.00	13.67	71.17	0.61	3.09	1.00	0.03
13.68	71.97	0.62	3.06	1.00	0.03	13.69	73.29	0.63	3.01	1.00	0.03
13.70	75.04	0.64	2.96	1.00	0.03	13.71	77.47	0.66	2.88	1.00	0.03
13.72	79.50	0.68	2.82	1.00	0.03	13.73	80.52	0.69	2.79	1.00	0.03
13.74	80.28	2.00	0.00	1.00	0.00	13.75	79.00	2.00	0.00	1.00	0.00
13.76	78.27	2.00	0.00	1.00	0.00	13.77	78.55	2.00	0.00	1.00	0.00
13.78	80.49	2.00	0.00	1.00	0.00	13.79	82.54	0.71	2.73	1.00	0.03
13.80	84.45	0.73	2.68	1.00	0.03	13.81	86.41	0.76	2.51	1.00	0.03
13.82	88.46	0.78	2.43	1.00	0.02	13.83	90.01	0.80	2.37	1.00	0.02
13.84	90.49	0.81	2.35	1.00	0.02	13.85	91.47	0.82	2.31	1.00	0.02
13.86	92.81	0.84	2.27	1.00	0.02	13.87	94.10	0.85	1.72	1.00	0.02
13.88	94.60	0.86	1.70	1.00	0.02	13.89	95.03	0.87	1.69	1.00	0.02
13.90	94.66	0.86	1.70	1.00	0.02	13.91	92.64	0.84	2.27	1.00	0.02
13.92	89.44	0.80	2.39	1.00	0.02	13.93	86.16	0.76	2.53	1.00	0.03
13.94	83.46	0.73	2.71	1.00	0.03	13.95	80.50	2.00	0.00	1.00	0.00
13.96	78.50	2.00	0.00	1.00	0.00	13.97	79.12	2.00	0.00	1.00	0.00
13.98	82.05	2.00	0.00	1.00	0.00	13.99	85.50	2.00	0.00	1.00	0.00
14.00	87.40	2.00	0.00	1.00	0.00	14.01	88.51	2.00	0.00	1.00	0.00
14.02	89.23	2.00	0.00	1.00	0.00	14.03	89.62	2.00	0.00	1.00	0.00
14.04	89.06	2.00	0.00	1.00	0.00	14.05	86.65	2.00	0.00	1.00	0.00
14.06	84.00	2.00	0.00	1.00	0.00	14.07	82.10	0.72	2.75	1.00	0.03
14.08	82.68	0.73	2.73	1.00	0.03	14.09	84.20	0.74	2.69	1.00	0.03
14.10	86.24	0.77	2.52	1.00	0.03	14.11	87.94	0.79	2.45	1.00	0.02
14.12	89.42	0.80	2.39	1.00	0.02	14.13	90.17	0.81	2.36	1.00	0.02
14.14	89.12	0.80	2.40	1.00	0.02	14.15	85.31	0.76	2.56	1.00	0.03
14.16	79.83	0.70	2.81	1.00	0.03	14.17	75.77	0.66	2.93	1.00	0.03
14.18	75.13	0.66	2.95	1.00	0.03	14.19	78.32	0.69	2.86	1.00	0.03
14.20	81.47	0.72	2.76	1.00	0.03	14.21	84.22	0.75	2.69	1.00	0.03
14.22	84.43	0.75	2.68	1.00	0.03	14.23	83.97	0.75	2.70	1.00	0.03
14.24	83.56	0.74	2.71	1.00	0.03	14.25	85.11	2.00	0.00	1.00	0.00
14.26	87.15	2.00	0.00	1.00	0.00	14.27	88.77	2.00	0.00	1.00	0.00
14.28	88.92	2.00	0.00	1.00	0.00	14.29	88.03	2.00	0.00	1.00	0.00
14.30	85.88	2.00	0.00	1.00	0.00	14.31	83.16	2.00	0.00	1.00	0.00
14.32	81.22	2.00	0.00	1.00	0.00	14.33	81.11	2.00	0.00	1.00	0.00
14.34	82.00	2.00	0.00	1.00	0.00	14.35	81.38	2.00	0.00	1.00	0.00
14.36	80.42	2.00	0.00	1.00	0.00	14.37	80.04	2.00	0.00	1.00	0.00
14.38	81.44	2.00	0.00	1.00	0.00	14.39	82.54	2.00	0.00	1.00	0.00
14.40	82.89	2.00	0.00	1.00	0.00	14.41	82.79	2.00	0.00	1.00	0.00
14.42	82.66	2.00	0.00	1.00	0.00	14.43	82.31	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
15.40	78.10	2.00	0.00	1.00	0.00	15.41	77.15	2.00	0.00	1.00	0.00
15.42	76.15	2.00	0.00	1.00	0.00	15.43	75.20	2.00	0.00	1.00	0.00
15.44	74.85	2.00	0.00	1.00	0.00	15.45	74.59	2.00	0.00	1.00	0.00
15.46	74.43	2.00	0.00	1.00	0.00	15.47	74.38	2.00	0.00	1.00	0.00
15.48	74.33	2.00	0.00	1.00	0.00	15.49	74.31	2.00	0.00	1.00	0.00
15.50	74.33	2.00	0.00	1.00	0.00	15.51	74.39	2.00	0.00	1.00	0.00
15.52	74.53	2.00	0.00	1.00	0.00	15.53	74.68	2.00	0.00	1.00	0.00
15.54	74.93	2.00	0.00	1.00	0.00	15.55	75.34	2.00	0.00	1.00	0.00
15.56	75.95	2.00	0.00	1.00	0.00	15.57	76.72	2.00	0.00	1.00	0.00
15.58	66.41	2.00	0.00	1.00	0.00	15.59	68.72	2.00	0.00	1.00	0.00
15.60	71.30	2.00	0.00	1.00	0.00	15.61	74.57	2.00	0.00	1.00	0.00
15.62	78.20	2.00	0.00	1.00	0.00	15.63	82.13	2.00	0.00	1.00	0.00
15.64	86.36	2.00	0.00	1.00	0.00	15.65	90.58	2.00	0.00	1.00	0.00
15.66	94.73	2.00	0.00	1.00	0.00	15.67	98.72	2.00	0.00	1.00	0.00
15.68	102.64	2.00	0.00	1.00	0.00	15.69	107.72	2.00	0.00	1.00	0.00
15.70	111.88	2.00	0.00	1.00	0.00	15.71	116.35	2.00	0.00	1.00	0.00
15.72	119.22	2.00	0.00	1.00	0.00	15.73	121.20	2.00	0.00	1.00	0.00
15.74	121.57	2.00	0.00	1.00	0.00	15.75	121.03	2.00	0.00	1.00	0.00
15.76	119.91	2.00	0.00	1.00	0.00	15.77	118.71	2.00	0.00	1.00	0.00
15.78	116.87	2.00	0.00	1.00	0.00	15.79	114.86	2.00	0.00	1.00	0.00
15.80	112.36	2.00	0.00	1.00	0.00	15.81	110.70	2.00	0.00	1.00	0.00
15.82	109.63	2.00	0.00	1.00	0.00	15.83	109.42	2.00	0.00	1.00	0.00
15.84	109.19	2.00	0.00	1.00	0.00	15.85	109.03	2.00	0.00	1.00	0.00
15.86	108.86	2.00	0.00	1.00	0.00	15.87	108.78	2.00	0.00	1.00	0.00
15.88	108.15	2.00	0.00	1.00	0.00	15.89	106.93	2.00	0.00	1.00	0.00
15.90	105.10	2.00	0.00	1.00	0.00	15.91	101.90	2.00	0.00	1.00	0.00
15.92	98.30	2.00	0.00	1.00	0.00	15.93	94.38	2.00	0.00	1.00	0.00
15.94	90.76	2.00	0.00	1.00	0.00	15.95	87.47	2.00	0.00	1.00	0.00
15.96	84.59	2.00	0.00	1.00	0.00	15.97	82.29	2.00	0.00	1.00	0.00
15.98	89.90	2.00	0.00	1.00	0.00	15.99	88.45	2.00	0.00	1.00	0.00
16.00	86.85	2.00	0.00	1.00	0.00	16.01	85.15	2.00	0.00	1.00	0.00
16.02	83.28	2.00	0.00	1.00	0.00	16.03	81.68	2.00	0.00	1.00	0.00
16.04	79.48	2.00	0.00	1.00	0.00	16.05	77.33	2.00	0.00	1.00	0.00
16.06	75.35	2.00	0.00	1.00	0.00	16.07	74.04	2.00	0.00	1.00	0.00
16.08	72.54	2.00	0.00	1.00	0.00	16.09	71.27	2.00	0.00	1.00	0.00
16.10	70.25	2.00	0.00	1.00	0.00	16.11	69.42	2.00	0.00	1.00	0.00
16.12	68.62	2.00	0.00	1.00	0.00	16.13	67.79	2.00	0.00	1.00	0.00
16.14	67.13	2.00	0.00	1.00	0.00	16.15	66.54	2.00	0.00	1.00	0.00
16.16	66.03	2.00	0.00	1.00	0.00	16.17	65.70	2.00	0.00	1.00	0.00
16.18	65.21	2.00	0.00	1.00	0.00	16.19	64.69	2.00	0.00	1.00	0.00
16.20	64.16	2.00	0.00	1.00	0.00	16.21	63.74	2.00	0.00	1.00	0.00
16.22	63.26	2.00	0.00	1.00	0.00	16.23	62.73	2.00	0.00	1.00	0.00
16.24	62.21	2.00	0.00	1.00	0.00	16.25	61.84	2.00	0.00	1.00	0.00
16.26	61.60	2.00	0.00	1.00	0.00	16.27	61.46	2.00	0.00	1.00	0.00
16.28	61.37	2.00	0.00	1.00	0.00	16.29	61.27	2.00	0.00	1.00	0.00
16.30	61.15	2.00	0.00	1.00	0.00	16.31	60.95	2.00	0.00	1.00	0.00
16.32	60.79	2.00	0.00	1.00	0.00	16.33	60.69	2.00	0.00	1.00	0.00
16.34	60.55	2.00	0.00	1.00	0.00	16.35	60.35	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.19	2.00	0.00	1.00	0.00	16.37	60.04	2.00	0.00	1.00	0.00
16.38	59.93	2.00	0.00	1.00	0.00	16.39	59.82	2.00	0.00	1.00	0.00
16.40	59.80	2.00	0.00	1.00	0.00	16.41	59.75	2.00	0.00	1.00	0.00
16.42	59.62	2.00	0.00	1.00	0.00	16.43	59.43	2.00	0.00	1.00	0.00
16.44	59.20	2.00	0.00	1.00	0.00	16.45	59.01	2.00	0.00	1.00	0.00
16.46	58.86	2.00	0.00	1.00	0.00	16.47	58.75	2.00	0.00	1.00	0.00
16.48	58.65	2.00	0.00	1.00	0.00	16.49	58.60	2.00	0.00	1.00	0.00
16.50	58.59	2.00	0.00	1.00	0.00	16.51	58.46	2.00	0.00	1.00	0.00
16.52	58.26	2.00	0.00	1.00	0.00	16.53	58.06	2.00	0.00	1.00	0.00
16.54	57.98	2.00	0.00	1.00	0.00	16.55	57.92	2.00	0.00	1.00	0.00
16.56	57.84	2.00	0.00	1.00	0.00	16.57	57.84	2.00	0.00	1.00	0.00
16.58	57.90	2.00	0.00	1.00	0.00	16.59	58.05	2.00	0.00	1.00	0.00
16.60	58.26	2.00	0.00	1.00	0.00	16.61	58.49	2.00	0.00	1.00	0.00
16.62	58.63	2.00	0.00	1.00	0.00	16.63	58.65	2.00	0.00	1.00	0.00
16.64	58.64	2.00	0.00	1.00	0.00	16.65	58.64	2.00	0.00	1.00	0.00
16.66	58.58	2.00	0.00	1.00	0.00	16.67	58.47	2.00	0.00	1.00	0.00
16.68	58.32	2.00	0.00	1.00	0.00	16.69	58.21	2.00	0.00	1.00	0.00
16.70	58.12	2.00	0.00	1.00	0.00	16.71	58.08	2.00	0.00	1.00	0.00
16.72	58.03	2.00	0.00	1.00	0.00	16.73	58.02	2.00	0.00	1.00	0.00
16.74	58.04	2.00	0.00	1.00	0.00	16.75	58.11	2.00	0.00	1.00	0.00
16.76	58.21	2.00	0.00	1.00	0.00	16.77	58.33	2.00	0.00	1.00	0.00
16.78	58.51	2.00	0.00	1.00	0.00	16.79	58.66	2.00	0.00	1.00	0.00
16.80	58.87	2.00	0.00	1.00	0.00	16.81	42.89	2.00	0.00	1.00	0.00
16.82	43.12	2.00	0.00	1.00	0.00	16.83	43.19	2.00	0.00	1.00	0.00
16.84	43.73	2.00	0.00	1.00	0.00	16.85	44.56	2.00	0.00	1.00	0.00
16.86	45.92	2.00	0.00	1.00	0.00	16.87	47.03	2.00	0.00	1.00	0.00
16.88	48.18	2.00	0.00	1.00	0.00	16.89	49.51	2.00	0.00	1.00	0.00
16.90	50.94	2.00	0.00	1.00	0.00	16.91	52.43	2.00	0.00	1.00	0.00
16.92	54.05	2.00	0.00	1.00	0.00	16.93	55.67	2.00	0.00	1.00	0.00
16.94	57.27	2.00	0.00	1.00	0.00	16.95	58.69	2.00	0.00	1.00	0.00
16.96	60.01	2.00	0.00	1.00	0.00	16.97	61.38	2.00	0.00	1.00	0.00
16.98	62.76	2.00	0.00	1.00	0.00	16.99	64.17	2.00	0.00	1.00	0.00
17.00	65.41	2.00	0.00	1.00	0.00	17.01	66.46	2.00	0.00	1.00	0.00
17.02	67.37	2.00	0.00	1.00	0.00	17.03	68.35	2.00	0.00	1.00	0.00
17.04	69.39	2.00	0.00	1.00	0.00	17.05	70.44	2.00	0.00	1.00	0.00
17.06	71.38	2.00	0.00	1.00	0.00	17.07	72.06	2.00	0.00	1.00	0.00
17.08	73.00	2.00	0.00	1.00	0.00	17.09	73.94	2.00	0.00	1.00	0.00
17.10	74.82	2.00	0.00	1.00	0.00	17.11	75.57	2.00	0.00	1.00	0.00
17.12	76.29	2.00	0.00	1.00	0.00	17.13	76.87	2.00	0.00	1.00	0.00
17.14	77.08	2.00	0.00	1.00	0.00	17.15	77.00	2.00	0.00	1.00	0.00
17.16	76.74	2.00	0.00	1.00	0.00	17.17	76.09	2.00	0.00	1.00	0.00
17.18	74.83	2.00	0.00	1.00	0.00	17.19	73.31	2.00	0.00	1.00	0.00
17.20	72.22	2.00	0.00	1.00	0.00	17.21	72.11	2.00	0.00	1.00	0.00
17.22	72.42	2.00	0.00	1.00	0.00	17.23	73.48	2.00	0.00	1.00	0.00
17.24	74.85	2.00	0.00	1.00	0.00	17.25	77.08	2.00	0.00	1.00	0.00
17.26	78.79	2.00	0.00	1.00	0.00	17.27	80.22	2.00	0.00	1.00	0.00
17.28	80.87	2.00	0.00	1.00	0.00	17.29	81.28	2.00	0.00	1.00	0.00
17.30	81.31	2.00	0.00	1.00	0.00	17.31	81.29	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	81.27	2.00	0.00	1.00	0.00	17.33	81.33	2.00	0.00	1.00	0.00
17.34	81.34	2.00	0.00	1.00	0.00	17.35	81.54	2.00	0.00	1.00	0.00
17.36	81.86	2.00	0.00	1.00	0.00	17.37	82.36	2.00	0.00	1.00	0.00
17.38	82.74	2.00	0.00	1.00	0.00	17.39	83.03	2.00	0.00	1.00	0.00
17.40	83.04	2.00	0.00	1.00	0.00	17.41	82.31	2.00	0.00	1.00	0.00
17.42	81.01	2.00	0.00	1.00	0.00	17.43	89.61	2.00	0.00	1.00	0.00
17.44	90.43	2.00	0.00	1.00	0.00	17.45	91.97	2.00	0.00	1.00	0.00
17.46	93.87	2.00	0.00	1.00	0.00	17.47	95.93	2.00	0.00	1.00	0.00
17.48	97.88	2.00	0.00	1.00	0.00	17.49	100.26	2.00	0.00	1.00	0.00
17.50	102.10	2.00	0.00	1.00	0.00	17.51	104.09	2.00	0.00	1.00	0.00
17.52	100.38	2.00	0.00	1.00	0.00	17.53	103.27	2.00	0.00	1.00	0.00
17.54	106.36	2.00	0.00	1.00	0.00	17.55	110.88	2.00	0.00	1.00	0.00
17.56	115.84	2.00	0.00	1.00	0.00	17.57	120.64	2.00	0.00	1.00	0.00
17.58	126.08	2.00	0.00	1.00	0.00	17.59	131.33	2.00	0.00	1.00	0.00
17.60	136.40	2.00	0.00	1.00	0.00	17.61	139.07	2.00	0.00	1.00	0.00
17.62	141.07	2.00	0.00	1.00	0.00	17.63	141.75	2.00	0.00	1.00	0.00
17.64	141.88	2.00	0.00	1.00	0.00	17.65	141.40	2.00	0.00	1.00	0.00
17.66	140.22	2.00	0.00	1.00	0.00	17.67	138.91	2.00	0.00	1.00	0.00
17.68	137.45	2.00	0.00	1.00	0.00	17.69	136.21	2.00	0.00	1.00	0.00
17.70	135.03	2.00	0.00	1.00	0.00	17.71	133.82	2.00	0.00	1.00	0.00
17.72	133.04	2.00	0.00	1.00	0.00	17.73	132.60	2.00	0.00	1.00	0.00
17.74	132.73	2.00	0.00	1.00	0.00	17.75	133.26	2.00	0.00	1.00	0.00
17.76	134.25	2.00	0.00	1.00	0.00	17.77	135.41	2.00	0.00	1.00	0.00
17.78	136.28	2.00	0.00	1.00	0.00	17.79	136.59	2.00	0.00	1.00	0.00
17.80	136.38	2.00	0.00	1.00	0.00	17.81	136.00	2.00	0.00	1.00	0.00
17.82	135.61	2.00	0.00	1.00	0.00	17.83	135.38	2.00	0.00	1.00	0.00
17.84	130.92	2.00	0.00	1.00	0.00	17.85	125.37	2.00	0.00	1.00	0.00
17.86	118.70	2.00	0.00	1.00	0.00	17.87	115.38	2.00	0.00	1.00	0.00
17.88	111.81	2.00	0.00	1.00	0.00	17.89	108.86	2.00	0.00	1.00	0.00
17.90	106.15	2.00	0.00	1.00	0.00	17.91	104.18	2.00	0.00	1.00	0.00
17.92	101.65	2.00	0.00	1.00	0.00	17.93	104.74	2.00	0.00	1.00	0.00
17.94	101.49	2.00	0.00	1.00	0.00	17.95	97.91	2.00	0.00	1.00	0.00
17.96	95.39	2.00	0.00	1.00	0.00	17.97	94.99	2.00	0.00	1.00	0.00
17.98	97.79	2.00	0.00	1.00	0.00	17.99	101.90	2.00	0.00	1.00	0.00
18.00	106.34	2.00	0.00	1.00	0.00	18.01	109.22	2.00	0.00	1.00	0.00
18.02	111.10	2.00	0.00	1.00	0.00	18.03	110.98	2.00	0.00	1.00	0.00
18.04	110.26	2.00	0.00	1.00	0.00	18.05	109.39	2.00	0.00	1.00	0.00
18.06	108.56	2.00	0.00	1.00	0.00	18.07	107.73	2.00	0.00	1.00	0.00
18.08	106.89	2.00	0.00	1.00	0.00	18.09	105.66	2.00	0.00	1.00	0.00
18.10	104.12	2.00	0.00	1.00	0.00	18.11	102.28	2.00	0.00	1.00	0.00
18.12	100.54	2.00	0.00	1.00	0.00	18.13	91.70	2.00	0.00	1.00	0.00
18.14	91.10	2.00	0.00	1.00	0.00	18.15	90.34	2.00	0.00	1.00	0.00
18.16	89.49	2.00	0.00	1.00	0.00	18.17	88.56	2.00	0.00	1.00	0.00
18.18	87.65	2.00	0.00	1.00	0.00	18.19	86.79	2.00	0.00	1.00	0.00
18.20	86.12	2.00	0.00	1.00	0.00	18.21	85.79	2.00	0.00	1.00	0.00
18.22	85.56	2.00	0.00	1.00	0.00	18.23	85.46	2.00	0.00	1.00	0.00
18.24	85.46	2.00	0.00	1.00	0.00	18.25	85.46	2.00	0.00	1.00	0.00
18.26	84.81	2.00	0.00	1.00	0.00	18.27	83.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	91.43	2.00	0.00	1.00	0.00	18.29	90.22	2.00	0.00	1.00	0.00
18.30	88.94	2.00	0.00	1.00	0.00	18.31	87.61	2.00	0.00	1.00	0.00
18.32	86.27	2.00	0.00	1.00	0.00	18.33	85.09	2.00	0.00	1.00	0.00
18.34	84.08	2.00	0.00	1.00	0.00	18.35	83.36	2.00	0.00	1.00	0.00
18.36	82.79	2.00	0.00	1.00	0.00	18.37	82.30	2.00	0.00	1.00	0.00
18.38	82.03	2.00	0.00	1.00	0.00	18.39	81.76	2.00	0.00	1.00	0.00
18.40	81.58	2.00	0.00	1.00	0.00	18.41	81.52	2.00	0.00	1.00	0.00
18.42	81.69	2.00	0.00	1.00	0.00	18.43	82.41	2.00	0.00	1.00	0.00
18.44	83.40	2.00	0.00	1.00	0.00	18.45	74.23	2.00	0.00	1.00	0.00
18.46	75.84	2.00	0.00	1.00	0.00	18.47	77.12	2.00	0.00	1.00	0.00
18.48	78.00	2.00	0.00	1.00	0.00	18.49	78.06	2.00	0.00	1.00	0.00
18.50	77.81	2.00	0.00	1.00	0.00	18.51	76.81	2.00	0.00	1.00	0.00
18.52	75.63	2.00	0.00	1.00	0.00	18.53	73.96	2.00	0.00	1.00	0.00
18.54	72.80	2.00	0.00	1.00	0.00	18.55	72.01	2.00	0.00	1.00	0.00
18.56	72.52	2.00	0.00	1.00	0.00	18.57	73.63	2.00	0.00	1.00	0.00
18.58	75.09	2.00	0.00	1.00	0.00	18.59	76.41	2.00	0.00	1.00	0.00
18.60	76.96	2.00	0.00	1.00	0.00	18.61	76.47	2.00	0.00	1.00	0.00
18.62	85.62	2.00	0.00	1.00	0.00	18.63	84.92	2.00	0.00	1.00	0.00
18.64	83.70	2.00	0.00	1.00	0.00	18.65	81.84	2.00	0.00	1.00	0.00
18.66	78.71	2.00	0.00	1.00	0.00	18.67	76.05	2.00	0.00	1.00	0.00
18.68	74.56	2.00	0.00	1.00	0.00	18.69	75.23	2.00	0.00	1.00	0.00
18.70	76.76	2.00	0.00	1.00	0.00	18.71	79.52	2.00	0.00	1.00	0.00
18.72	82.48	2.00	0.00	1.00	0.00	18.73	85.52	2.00	0.00	1.00	0.00
18.74	87.58	2.00	0.00	1.00	0.00	18.75	89.68	2.00	0.00	1.00	0.00
18.76	91.46	2.00	0.00	1.00	0.00	18.77	91.88	2.00	0.00	1.00	0.00
18.78	90.99	2.00	0.00	1.00	0.00	18.79	88.94	2.00	0.00	1.00	0.00
18.80	86.42	2.00	0.00	1.00	0.00	18.81	83.85	2.00	0.00	1.00	0.00
18.82	81.90	2.00	0.00	1.00	0.00	18.83	81.24	2.00	0.00	1.00	0.00
18.84	78.03	2.00	0.00	1.00	0.00	18.85	62.63	2.00	0.00	1.00	0.00
18.86	58.51	2.00	0.00	1.00	0.00	18.87	56.43	2.00	0.00	1.00	0.00
18.88	54.03	2.00	0.00	1.00	0.00	18.89	51.21	2.00	0.00	1.00	0.00
18.90	64.21	2.00	0.00	1.00	0.00	18.91	62.95	2.00	0.00	1.00	0.00
18.92	61.96	2.00	0.00	1.00	0.00	18.93	62.02	2.00	0.00	1.00	0.00
18.94	63.24	2.00	0.00	1.00	0.00	18.95	66.10	2.00	0.00	1.00	0.00
18.96	70.11	2.00	0.00	1.00	0.00	18.97	74.25	2.00	0.00	1.00	0.00
18.98	76.95	2.00	0.00	1.00	0.00	18.99	79.97	2.00	0.00	1.00	0.00
19.00	82.73	2.00	0.00	1.00	0.00	19.01	85.45	2.00	0.00	1.00	0.00
19.02	87.01	2.00	0.00	1.00	0.00	19.03	88.37	2.00	0.00	1.00	0.00
19.04	89.08	2.00	0.00	1.00	0.00	19.05	88.88	2.00	0.00	1.00	0.00
19.06	88.10	2.00	0.00	1.00	0.00	19.07	86.39	2.00	0.00	1.00	0.00
19.08	84.55	2.00	0.00	1.00	0.00	19.09	82.33	2.00	0.00	1.00	0.00
19.10	80.15	2.00	0.00	1.00	0.00	19.11	77.53	2.00	0.00	1.00	0.00
19.12	75.05	2.00	0.00	1.00	0.00	19.13	73.30	2.00	0.00	1.00	0.00
19.14	70.99	2.00	0.00	1.00	0.00	19.15	67.19	2.00	0.00	1.00	0.00
19.16	62.28	2.00	0.00	1.00	0.00	19.17	57.99	2.00	0.00	1.00	0.00
19.18	54.41	2.00	0.00	1.00	0.00	19.19	51.55	2.00	0.00	1.00	0.00
19.20	49.30	2.00	0.00	1.00	0.00	19.21	51.52	2.00	0.00	1.00	0.00
19.22	41.28	2.00	0.00	1.00	0.00	19.23	56.84	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	71.31	2.00	0.00	1.00	0.00	19.25	83.80	2.00	0.00	1.00	0.00
19.26	90.39	2.00	0.00	1.00	0.00	19.27	92.50	2.00	0.00	1.00	0.00
19.28	92.92	2.00	0.00	1.00	0.00	19.29	92.31	2.00	0.00	1.00	0.00
19.30	91.04	2.00	0.00	1.00	0.00	19.31	89.46	2.00	0.00	1.00	0.00
19.32	87.08	2.00	0.00	1.00	0.00	19.33	84.49	2.00	0.00	1.00	0.00
19.34	81.75	2.00	0.00	1.00	0.00	19.35	79.86	2.00	0.00	1.00	0.00
19.36	78.76	2.00	0.00	1.00	0.00	19.37	78.31	2.00	0.00	1.00	0.00
19.38	78.28	2.00	0.00	1.00	0.00	19.39	78.72	2.00	0.00	1.00	0.00
19.40	79.38	2.00	0.00	1.00	0.00	19.41	80.40	2.00	0.00	1.00	0.00
19.42	81.77	2.00	0.00	1.00	0.00	19.43	83.27	2.00	0.00	1.00	0.00
19.44	84.64	2.00	0.00	1.00	0.00	19.45	86.50	2.00	0.00	1.00	0.00
19.46	89.43	2.00	0.00	1.00	0.00	19.47	92.72	2.00	0.00	1.00	0.00
19.48	96.47	2.00	0.00	1.00	0.00	19.49	99.44	2.00	0.00	1.00	0.00
19.50	102.92	2.00	0.00	1.00	0.00	19.51	105.58	2.00	0.00	1.00	0.00
19.52	107.90	2.00	0.00	1.00	0.00	19.53	109.59	2.00	0.00	1.00	0.00
19.54	110.56	2.00	0.00	1.00	0.00	19.55	111.24	2.00	0.00	1.00	0.00
19.56	111.32	2.00	0.00	1.00	0.00	19.57	111.28	2.00	0.00	1.00	0.00
19.58	111.19	2.00	0.00	1.00	0.00	19.59	110.92	2.00	0.00	1.00	0.00
19.60	110.60	2.00	0.00	1.00	0.00	19.61	110.13	2.00	0.00	1.00	0.00
19.62	109.73	2.00	0.00	1.00	0.00	19.63	108.97	2.00	0.00	1.00	0.00
19.64	108.05	2.00	0.00	1.00	0.00	19.65	106.14	2.00	0.00	1.00	0.00
19.66	103.36	2.00	0.00	1.00	0.00	19.67	100.23	2.00	0.00	1.00	0.00
19.68	96.51	2.00	0.00	1.00	0.00	19.69	93.13	2.00	0.00	1.00	0.00
19.70	97.40	2.00	0.00	1.00	0.00	19.71	94.73	2.00	0.00	1.00	0.00
19.72	91.39	2.00	0.00	1.00	0.00	19.73	88.11	2.00	0.00	1.00	0.00
19.74	85.65	2.00	0.00	1.00	0.00	19.75	83.46	2.00	0.00	1.00	0.00
19.76	81.42	2.00	0.00	1.00	0.00	19.77	79.23	2.00	0.00	1.00	0.00
19.78	77.74	2.00	0.00	1.00	0.00	19.79	76.34	2.00	0.00	1.00	0.00
19.80	75.44	2.00	0.00	1.00	0.00	19.81	74.87	2.00	0.00	1.00	0.00
19.82	74.68	2.00	0.00	1.00	0.00	19.83	72.98	2.00	0.00	1.00	0.00
19.84	71.19	2.00	0.00	1.00	0.00	19.85	69.05	2.00	0.00	1.00	0.00
19.86	68.46	2.00	0.00	1.00	0.00	19.87	67.74	2.00	0.00	1.00	0.00
19.88	67.17	2.00	0.00	1.00	0.00	19.89	66.72	2.00	0.00	1.00	0.00
19.90	66.40	2.00	0.00	1.00	0.00	19.91	66.38	2.00	0.00	1.00	0.00
19.92	66.54	2.00	0.00	1.00	0.00	19.93	53.67	2.00	0.00	1.00	0.00
19.94	55.36	2.00	0.00	1.00	0.00	19.95	56.79	2.00	0.00	1.00	0.00
19.96	57.64	2.00	0.00	1.00	0.00	19.97	56.62	2.00	0.00	1.00	0.00
19.98	54.65	2.00	0.00	1.00	0.00	19.99	51.63	2.00	0.00	1.00	0.00
20.00	62.43	2.00	0.00	1.00	0.00	20.01	60.42	2.00	0.00	1.00	0.00
20.02	59.83	2.00	0.00	1.00	0.00	20.03	61.70	2.00	0.00	1.00	0.00
20.04	65.06	2.00	0.00	1.00	0.00	20.05	69.35	2.00	0.00	1.00	0.00
20.06	73.33	2.00	0.00	1.00	0.00	20.07	77.93	2.00	0.00	1.00	0.00
20.08	82.06	2.00	0.00	1.00	0.00	20.09	85.30	2.00	0.00	1.00	0.00
20.10	87.58	2.00	0.00	1.00	0.00	20.11	89.99	2.00	0.00	1.00	0.00
20.12	92.27	2.00	0.00	1.00	0.00	20.13	94.09	2.00	0.00	1.00	0.00
20.14	94.92	2.00	0.00	1.00	0.00	20.15	95.14	2.00	0.00	1.00	0.00
20.16	94.73	2.00	0.00	1.00	0.00	20.17	94.28	2.00	0.00	1.00	0.00
20.18	93.88	2.00	0.00	1.00	0.00	20.19	93.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	92.33	2.00	0.00	1.00	0.00	20.21	90.61	2.00	0.00	1.00	0.00
20.22	88.50	2.00	0.00	1.00	0.00	20.23	85.60	2.00	0.00	1.00	0.00
20.24	82.67	2.00	0.00	1.00	0.00	20.25	80.07	2.00	0.00	1.00	0.00
20.26	79.00	2.00	0.00	1.00	0.00	20.27	78.68	2.00	0.00	1.00	0.00
20.28	79.21	2.00	0.00	1.00	0.00	20.29	80.72	2.00	0.00	1.00	0.00
20.30	83.65	2.00	0.00	1.00	0.00	20.31	86.99	2.00	0.00	1.00	0.00
20.32	90.27	2.00	0.00	1.00	0.00	20.33	92.64	2.00	0.00	1.00	0.00
20.34	94.83	2.00	0.00	1.00	0.00	20.35	98.28	2.00	0.00	1.00	0.00
20.36	101.73	2.00	0.00	1.00	0.00	20.37	104.84	2.00	0.00	1.00	0.00
20.38	106.85	2.00	0.00	1.00	0.00	20.39	108.49	2.00	0.00	1.00	0.00
20.40	109.91	2.00	0.00	1.00	0.00	20.41	110.71	2.00	0.00	1.00	0.00
20.42	111.22	2.00	0.00	1.00	0.00	20.43	111.62	2.00	0.00	1.00	0.00
20.44	112.05	2.00	0.00	1.00	0.00	20.45	112.49	2.00	0.00	1.00	0.00
20.46	112.75	2.00	0.00	1.00	0.00	20.47	112.51	2.00	0.00	1.00	0.00
20.48	111.91	2.00	0.00	1.00	0.00	20.49	111.16	2.00	0.00	1.00	0.00
20.50	110.54	2.00	0.00	1.00	0.00	20.51	110.00	2.00	0.00	1.00	0.00
20.52	109.50	2.00	0.00	1.00	0.00	20.53	109.16	2.00	0.00	1.00	0.00
20.54	108.71	2.00	0.00	1.00	0.00	20.55	108.07	2.00	0.00	1.00	0.00
20.56	107.13	2.00	0.00	1.00	0.00	20.57	106.24	2.00	0.00	1.00	0.00
20.58	105.47	2.00	0.00	1.00	0.00	20.59	104.42	2.00	0.00	1.00	0.00
20.60	103.54	2.00	0.00	1.00	0.00	20.61	102.67	2.00	0.00	1.00	0.00
20.62	102.40	2.00	0.00	1.00	0.00						

**Total estimated settlement: 1.88**

**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**

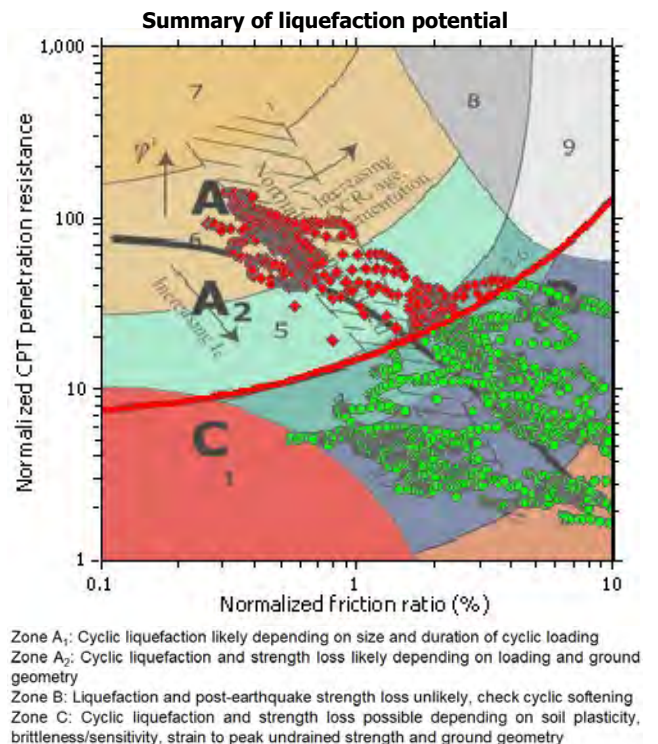
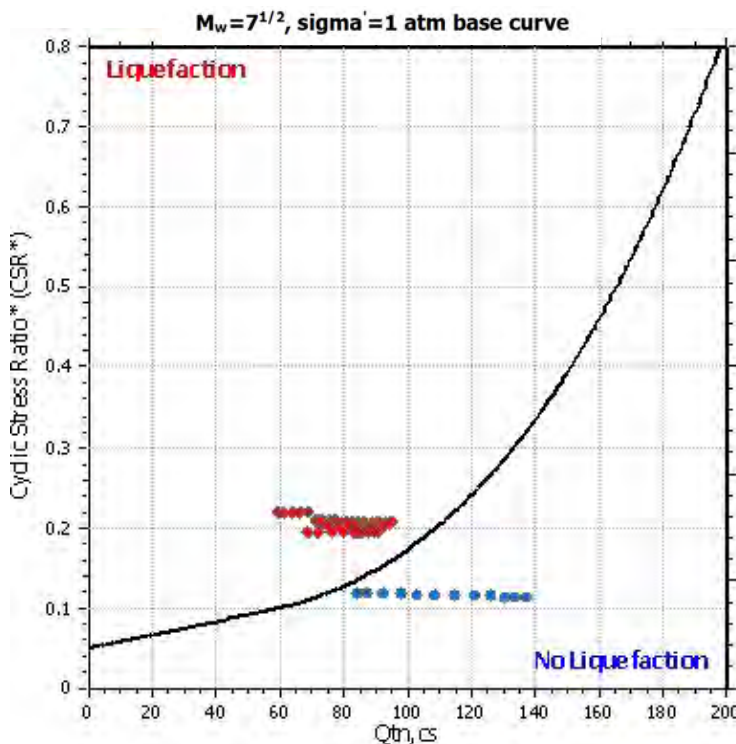
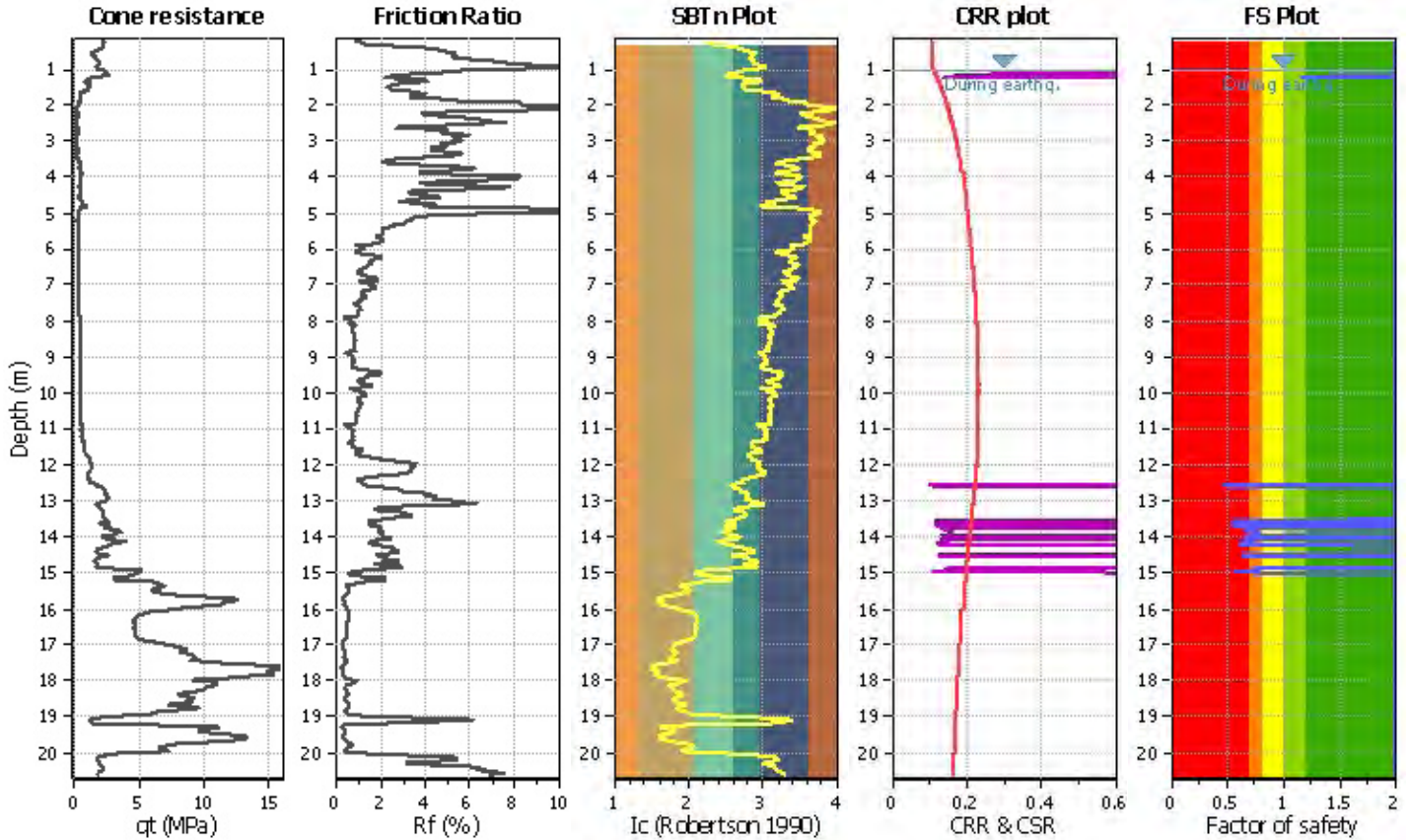
**Project title :**

**Location :**

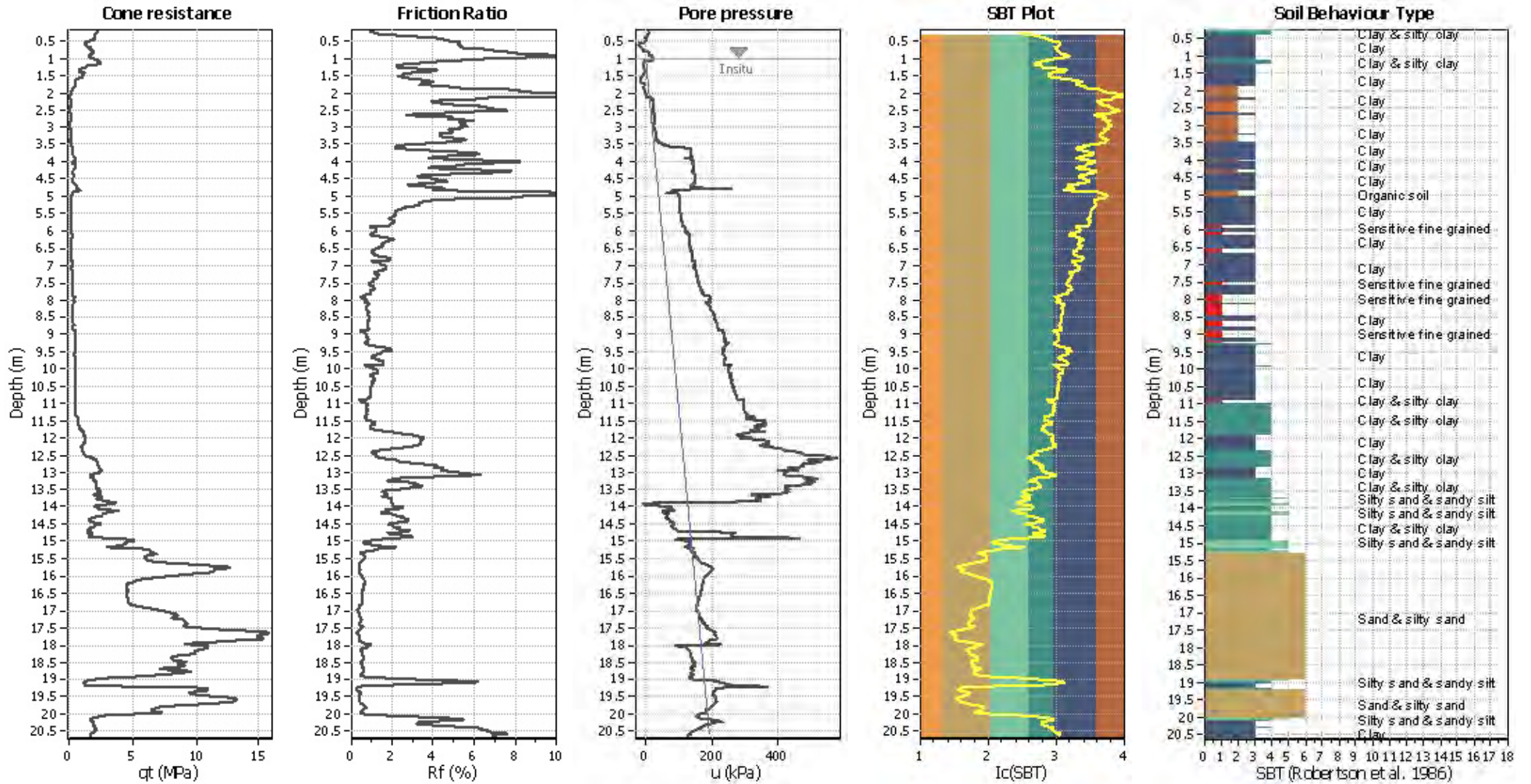
**CPT file : CPTU1 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



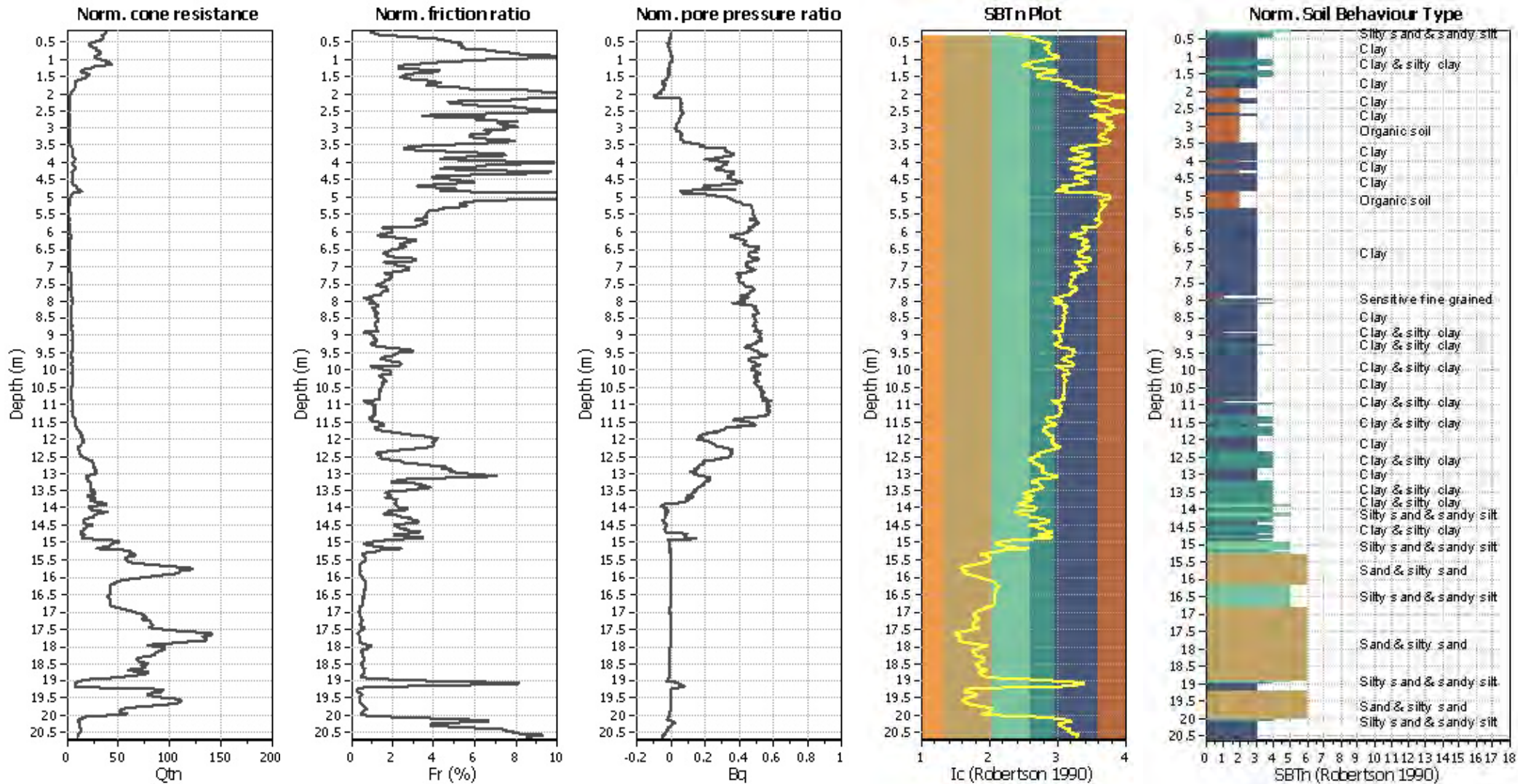
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 clay
3. Clay to silty clay	6. Clean sand to silty sand	9. Very stiff fine grained

### CPT basic interpretation plots (normaliz



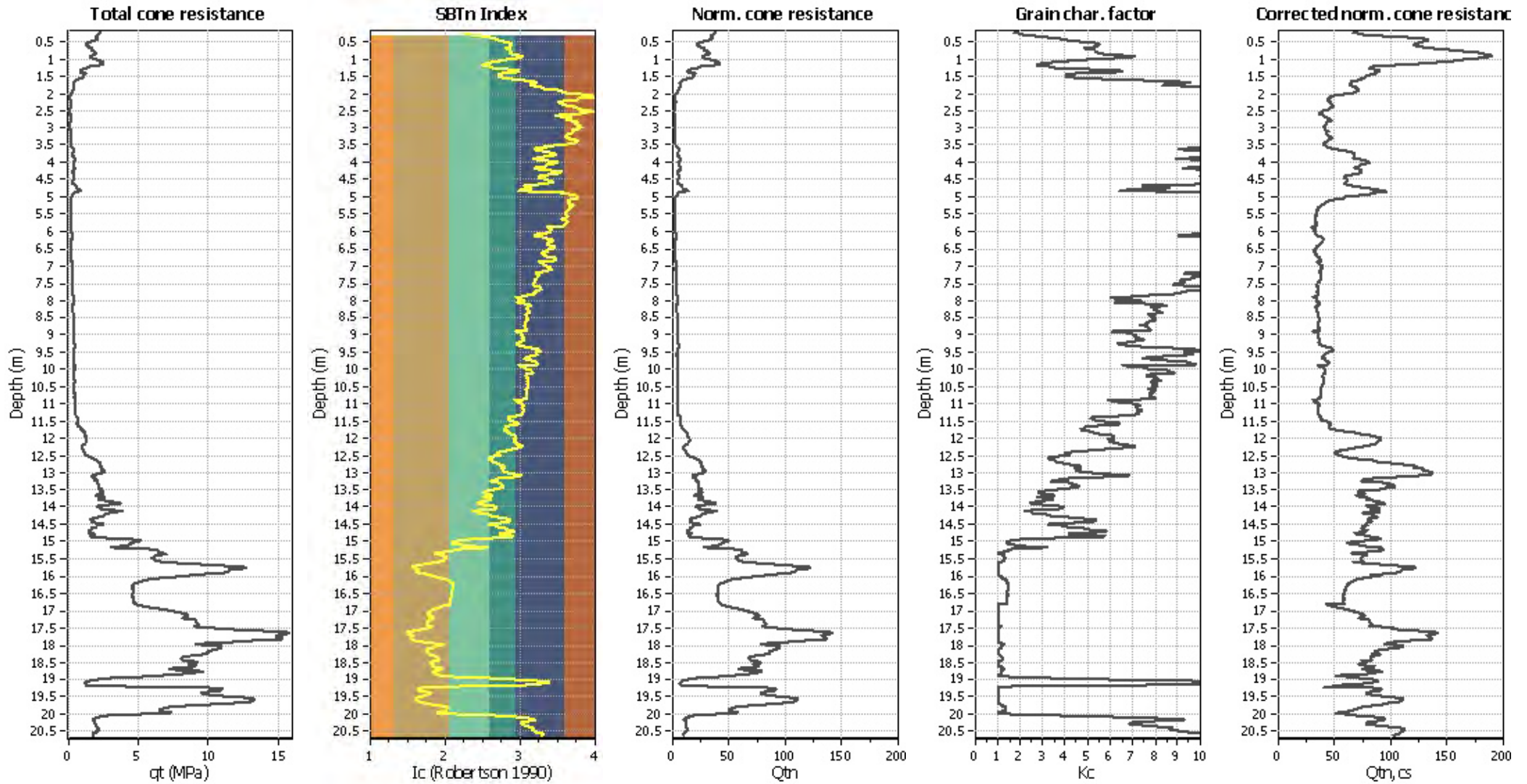
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 res)

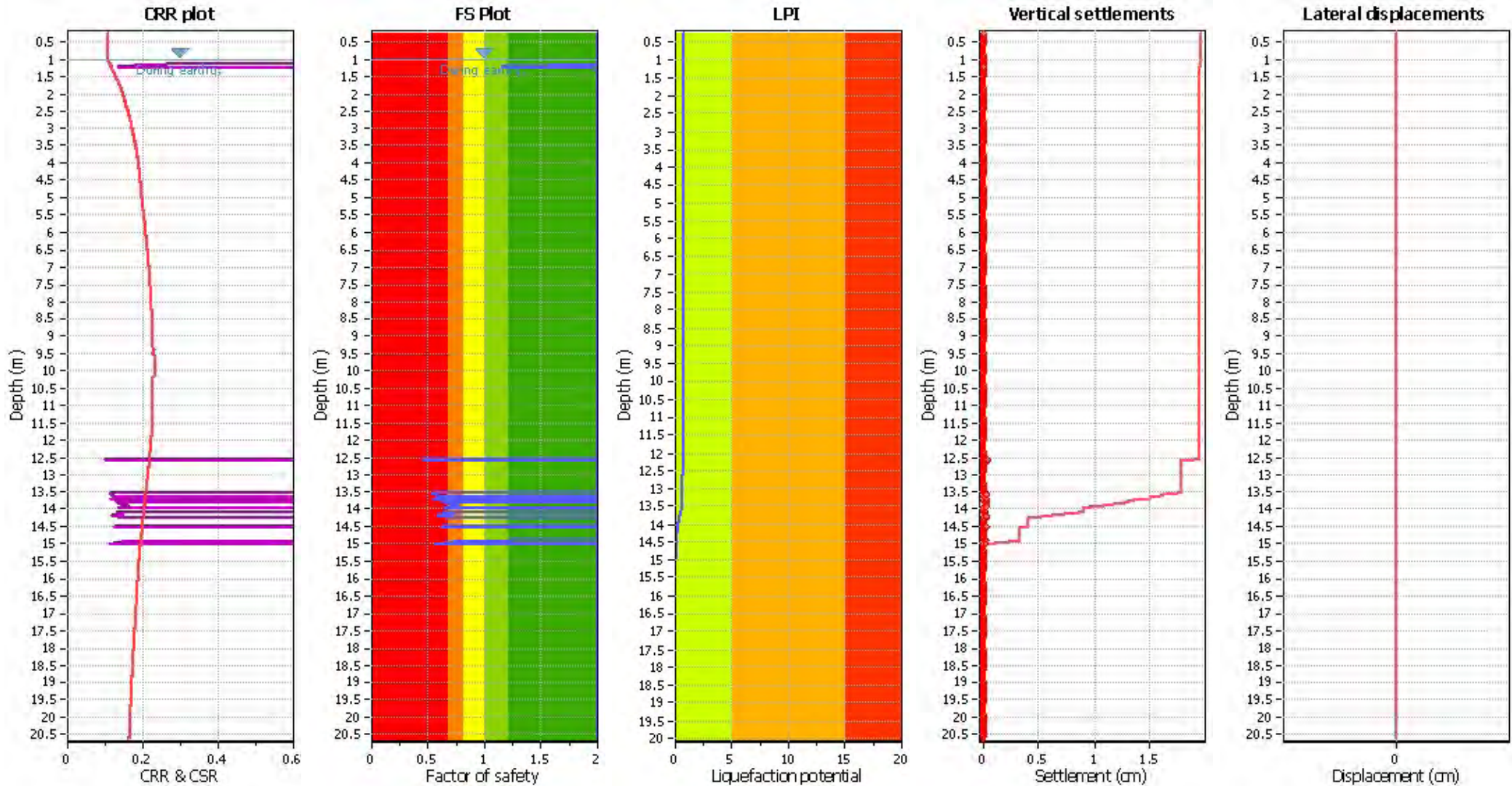


**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>σ</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

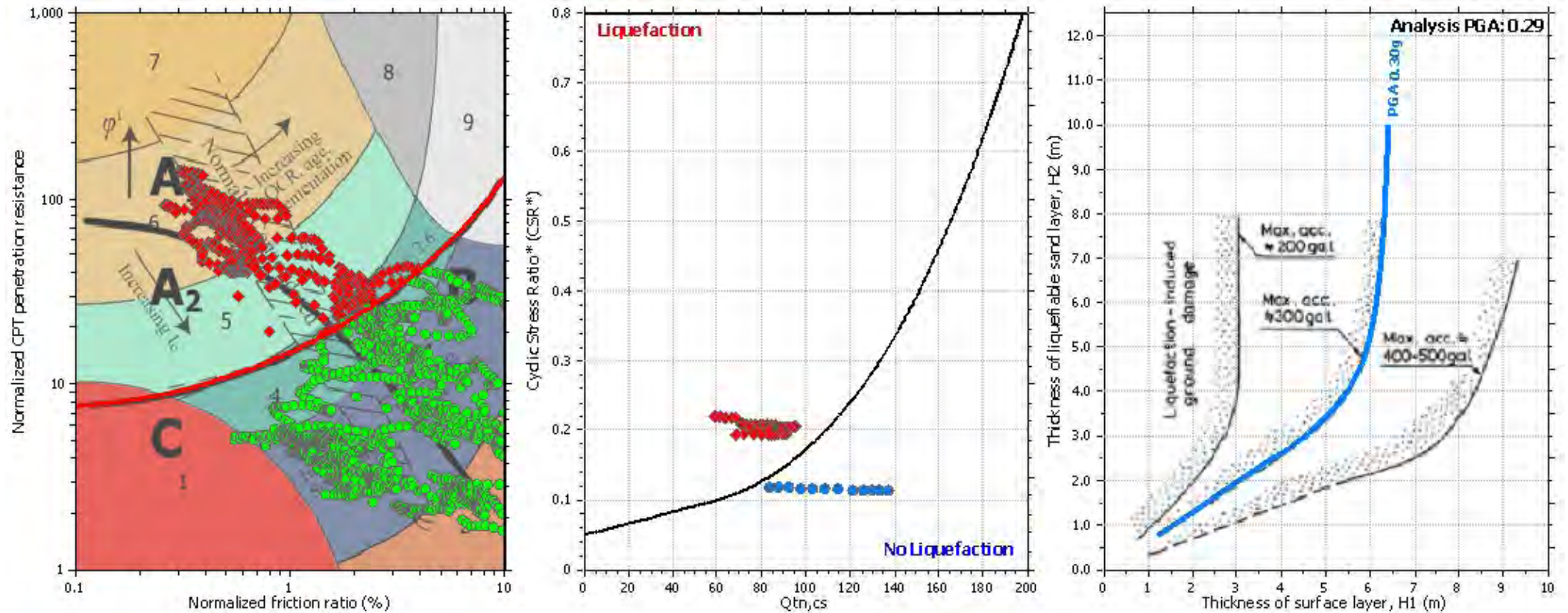
**F.S. color scheme**

- 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

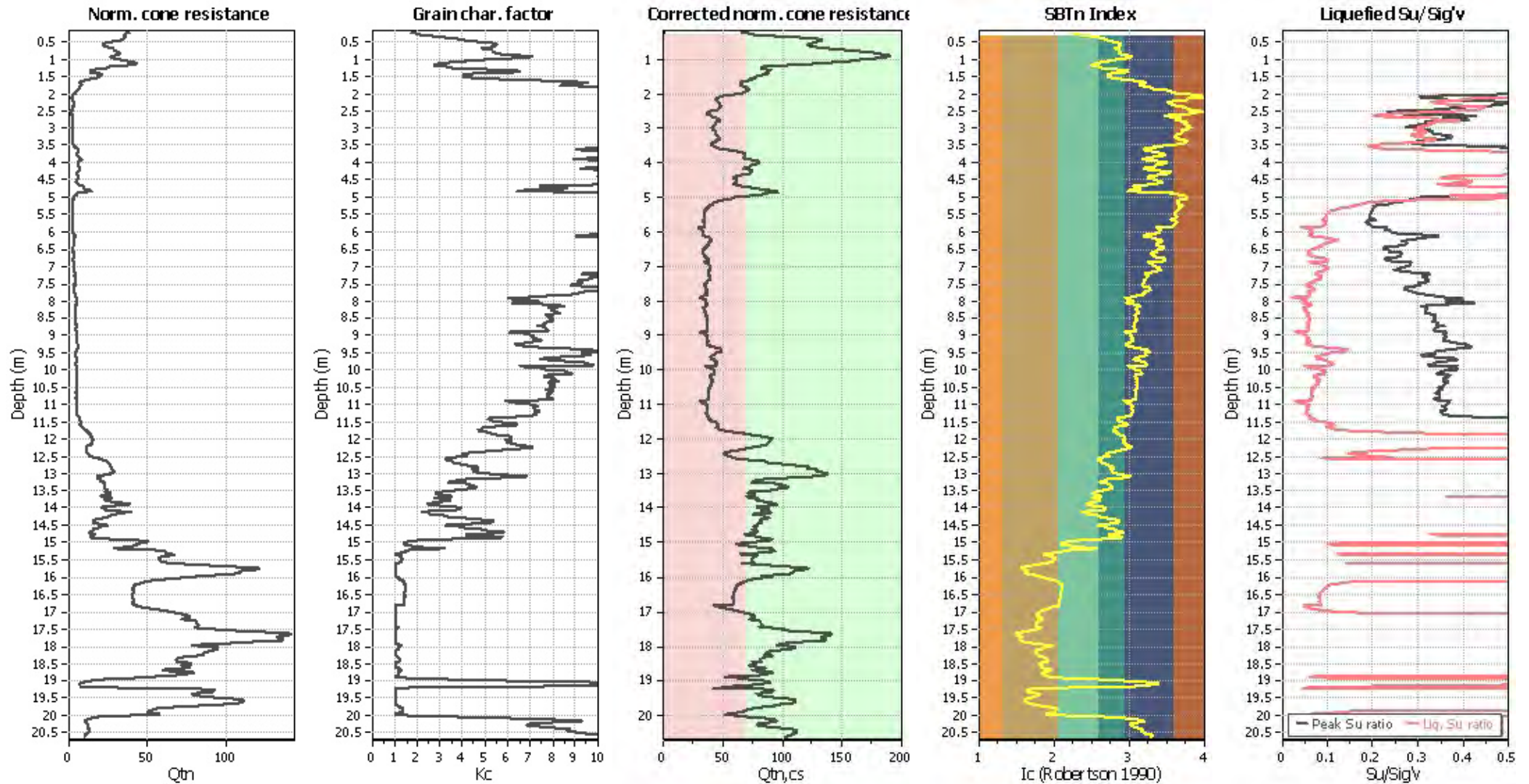
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	1.92	0.00	9.41	0.01	0.00	1.18	1.74	0.00	9.41	0.01	0.00
1.19	1.58	0.00	9.40	0.01	0.00	1.20	1.44	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	1.32	0.00	9.39	0.01	0.00	1.22	1.22	0.00	9.39	0.01	0.00
1.23	1.15	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	0.45	0.55	3.72	0.01	0.02
12.57	0.46	0.54	3.71	0.01	0.02	12.58	0.47	0.53	3.71	0.01	0.02
12.59	0.49	0.51	3.71	0.01	0.02	12.60	0.50	0.50	3.70	0.01	0.02
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	0.59	0.41	3.23	0.01	0.01	13.54	0.55	0.45	3.23	0.01	0.01
13.55	0.54	0.46	3.23	0.01	0.01	13.56	0.55	0.45	3.22	0.01	0.01
13.57	0.56	0.44	3.21	0.01	0.01	13.58	0.57	0.43	3.21	0.01	0.01
13.59	0.59	0.41	3.21	0.01	0.01	13.60	0.59	0.41	3.20	0.01	0.01
13.61	0.58	0.42	3.19	0.01	0.01	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	0.55	0.45	3.17	0.01	0.01	13.68	0.55	0.45	3.16	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	0.56	0.44	3.15	0.01	0.01	13.70	0.57	0.43	3.15	0.01	0.01
13.71	0.59	0.41	3.15	0.01	0.01	13.72	0.61	0.39	3.14	0.01	0.01
13.73	0.62	0.38	3.13	0.01	0.01	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	0.64	0.36	3.10	0.01	0.01	13.80	0.66	0.34	3.10	0.01	0.01
13.81	0.68	0.32	3.10	0.01	0.01	13.82	0.70	0.30	3.09	0.01	0.01
13.83	0.72	0.28	3.08	0.01	0.01	13.84	0.72	0.28	3.08	0.01	0.01
13.85	0.73	0.27	3.08	0.01	0.01	13.86	0.75	0.25	3.07	0.01	0.01
13.87	0.77	0.23	3.06	0.01	0.01	13.88	0.77	0.23	3.06	0.01	0.01
13.89	0.78	0.22	3.06	0.01	0.01	13.90	0.77	0.23	3.05	0.01	0.01
13.91	0.75	0.25	3.04	0.01	0.01	13.92	0.71	0.29	3.04	0.01	0.01
13.93	0.68	0.32	3.04	0.01	0.01	13.94	0.65	0.35	3.03	0.01	0.01
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	0.65	0.35	2.96	0.01	0.01	14.08	0.65	0.35	2.96	0.01	0.01
14.09	0.67	0.33	2.96	0.01	0.01	14.10	0.69	0.31	2.95	0.01	0.01
14.11	0.70	0.30	2.94	0.01	0.01	14.12	0.72	0.28	2.94	0.01	0.01
14.13	0.73	0.27	2.94	0.01	0.01	14.14	0.72	0.28	2.93	0.01	0.01
14.15	0.68	0.32	2.92	0.01	0.01	14.16	0.63	0.37	2.92	0.01	0.01
14.17	0.59	0.41	2.92	0.01	0.01	14.18	0.59	0.41	2.91	0.01	0.01
14.19	0.62	0.38	2.90	0.01	0.01	14.20	0.64	0.36	2.90	0.01	0.01
14.21	0.67	0.33	2.90	0.01	0.01	14.22	0.67	0.33	2.89	0.01	0.01
14.23	0.67	0.33	2.88	0.01	0.01	14.24	0.66	0.34	2.88	0.01	0.01
14.25	2.00	0.00	2.88	0.01	0.00	14.26	2.00	0.00	2.87	0.01	0.00
14.27	2.00	0.00	2.87	0.01	0.00	14.28	2.00	0.00	2.86	0.01	0.00
14.29	2.00	0.00	2.85	0.01	0.00	14.30	2.00	0.00	2.85	0.01	0.00
14.31	2.00	0.00	2.85	0.01	0.00	14.32	2.00	0.00	2.84	0.01	0.00
14.33	2.00	0.00	2.83	0.01	0.00	14.34	2.00	0.00	2.83	0.01	0.00
14.35	2.00	0.00	2.83	0.01	0.00	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	0.63	0.37	2.75	0.01	0.01
14.51	0.63	0.37	2.75	0.01	0.01	14.52	0.63	0.37	2.74	0.01	0.01
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	0.76	0.24	2.56	0.01	0.01	14.90	0.77	0.23	2.55	0.01	0.01
14.91	0.76	0.24	2.54	0.01	0.01	14.92	0.75	0.25	2.54	0.01	0.01
14.93	0.73	0.27	2.54	0.01	0.01	14.94	0.71	0.29	2.53	0.01	0.01
14.95	0.70	0.30	2.52	0.01	0.01	14.96	0.68	0.32	2.52	0.01	0.01
14.97	0.65	0.35	2.52	0.01	0.01	14.98	0.62	0.38	2.51	0.01	0.01
14.99	0.59	0.41	2.50	0.01	0.01	15.00	0.56	0.44	2.50	0.01	0.01
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00
20.13	2.00	0.00	0.00	0.00	0.00	20.14	2.00	0.00	0.00	0.00	0.00
20.15	2.00	0.00	0.00	0.00	0.00	20.16	2.00	0.00	0.00	0.00	0.00
20.17	2.00	0.00	0.00	0.00	0.00	20.18	2.00	0.00	0.00	0.00	0.00
20.19	2.00	0.00	0.00	0.00	0.00	20.20	2.00	0.00	0.00	0.00	0.00
20.21	2.00	0.00	0.00	0.00	0.00	20.22	2.00	0.00	0.00	0.00	0.00
20.23	2.00	0.00	0.00	0.00	0.00	20.24	2.00	0.00	0.00	0.00	0.00
20.25	2.00	0.00	0.00	0.00	0.00	20.26	2.00	0.00	0.00	0.00	0.00
20.27	2.00	0.00	0.00	0.00	0.00	20.28	2.00	0.00	0.00	0.00	0.00
20.29	2.00	0.00	0.00	0.00	0.00	20.30	2.00	0.00	0.00	0.00	0.00
20.31	2.00	0.00	0.00	0.00	0.00	20.32	2.00	0.00	0.00	0.00	0.00
20.33	2.00	0.00	0.00	0.00	0.00	20.34	2.00	0.00	0.00	0.00	0.00
20.35	2.00	0.00	0.00	0.00	0.00	20.36	2.00	0.00	0.00	0.00	0.00
20.37	2.00	0.00	0.00	0.00	0.00	20.38	2.00	0.00	0.00	0.00	0.00
20.39	2.00	0.00	0.00	0.00	0.00	20.40	2.00	0.00	0.00	0.00	0.00



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

Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
20.41	2.00	0.00	0.00	0.00	0.00	20.42	2.00	0.00	0.00	0.00	0.00
20.43	2.00	0.00	0.00	0.00	0.00	20.44	2.00	0.00	0.00	0.00	0.00
20.45	2.00	0.00	0.00	0.00	0.00	20.46	2.00	0.00	0.00	0.00	0.00
20.47	2.00	0.00	0.00	0.00	0.00	20.48	2.00	0.00	0.00	0.00	0.00
20.49	2.00	0.00	0.00	0.00	0.00	20.50	2.00	0.00	0.00	0.00	0.00
20.51	2.00	0.00	0.00	0.00	0.00	20.52	2.00	0.00	0.00	0.00	0.00
20.53	2.00	0.00	0.00	0.00	0.00	20.54	2.00	0.00	0.00	0.00	0.00
20.55	2.00	0.00	0.00	0.00	0.00	20.56	2.00	0.00	0.00	0.00	0.00
20.57	2.00	0.00	0.00	0.00	0.00	20.58	2.00	0.00	0.00	0.00	0.00
20.59	2.00	0.00	0.00	0.00	0.00	20.60	2.00	0.00	0.00	0.00	0.00
20.61	2.00	0.00	0.00	0.00	0.00	20.62	2.00	0.00	0.00	0.00	0.00

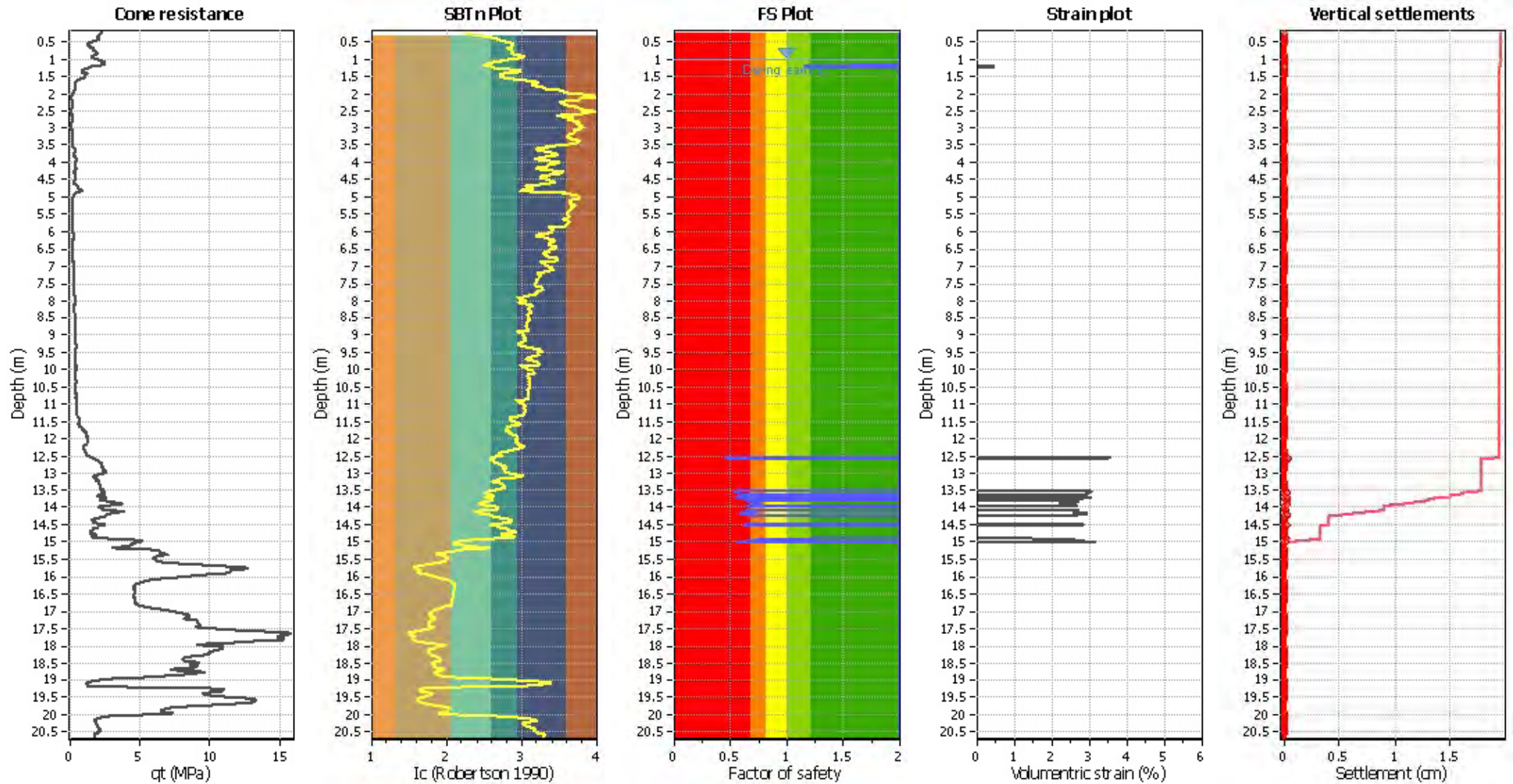
**Overall liquefaction potential: 0.75**

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<sub>L</sub>: 1 - FS  
w<sub>z</sub>: Function value of the extend of soil liquefaction according to depth  
d<sub>z</sub>: Layer thickness (m)  
LPI: Liquefaction potential index value for test point

### Estimation of post-earthquake settlements



**Abbreviations**

- $q_c$ : 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 due to soil liquefaction ::											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	172.27	2.00	0.00	1.00	0.00	1.01	169.02	2.00	0.00	1.00	0.00
1.02	165.53	2.00	0.00	1.00	0.00	1.03	162.29	2.00	0.00	1.00	0.00
1.04	159.82	2.00	0.00	1.00	0.00	1.05	158.32	2.00	0.00	1.00	0.00
1.06	157.01	2.00	0.00	1.00	0.00	1.07	155.36	2.00	0.00	1.00	0.00
1.08	152.64	2.00	0.00	1.00	0.00	1.09	149.46	2.00	0.00	1.00	0.00
1.10	145.22	2.00	0.00	1.00	0.00	1.11	141.32	2.00	0.00	1.00	0.00
1.12	137.31	2.00	0.00	1.00	0.00	1.13	133.80	2.00	0.00	1.00	0.00
1.14	130.49	2.00	0.00	1.00	0.00	1.15	126.10	2.00	0.00	1.00	0.00
1.16	121.36	2.00	0.00	1.00	0.00	1.17	114.74	1.92	0.00	1.00	0.00
1.18	109.02	1.74	0.00	1.00	0.00	1.19	103.27	1.58	0.00	1.00	0.00
1.20	97.96	1.44	0.00	1.00	0.00	1.21	92.66	1.32	0.31	1.00	0.00
1.22	87.61	1.22	0.44	1.00	0.00	1.23	84.14	1.15	0.46	1.00	0.00
1.24	81.88	2.00	0.00	1.00	0.00	1.25	81.21	2.00	0.00	1.00	0.00
1.26	82.23	2.00	0.00	1.00	0.00	1.27	84.24	2.00	0.00	1.00	0.00
1.28	86.11	2.00	0.00	1.00	0.00	1.29	87.73	2.00	0.00	1.00	0.00
1.30	88.91	2.00	0.00	1.00	0.00	1.31	89.85	2.00	0.00	1.00	0.00
1.32	90.25	2.00	0.00	1.00	0.00	1.33	89.52	2.00	0.00	1.00	0.00
1.34	88.64	2.00	0.00	1.00	0.00	1.35	87.56	2.00	0.00	1.00	0.00
1.36	87.12	2.00	0.00	1.00	0.00	1.37	86.41	2.00	0.00	1.00	0.00
1.38	85.81	2.00	0.00	1.00	0.00	1.39	85.62	2.00	0.00	1.00	0.00
1.40	86.23	2.00	0.00	1.00	0.00	1.41	87.22	2.00	0.00	1.00	0.00
1.42	86.99	2.00	0.00	1.00	0.00	1.43	85.29	2.00	0.00	1.00	0.00
1.44	83.57	2.00	0.00	1.00	0.00	1.45	81.94	2.00	0.00	1.00	0.00
1.46	80.64	2.00	0.00	1.00	0.00	1.47	79.03	2.00	0.00	1.00	0.00
1.48	78.09	2.00	0.00	1.00	0.00	1.49	77.70	2.00	0.00	1.00	0.00
1.50	77.11	2.00	0.00	1.00	0.00	1.51	76.62	2.00	0.00	1.00	0.00
1.52	76.87	2.00	0.00	1.00	0.00	1.53	77.51	2.00	0.00	1.00	0.00
1.54	77.07	2.00	0.00	1.00	0.00	1.55	75.51	2.00	0.00	1.00	0.00
1.56	73.78	2.00	0.00	1.00	0.00	1.57	73.41	2.00	0.00	1.00	0.00
1.58	74.07	2.00	0.00	1.00	0.00	1.59	74.62	2.00	0.00	1.00	0.00
1.60	73.83	2.00	0.00	1.00	0.00	1.61	72.10	2.00	0.00	1.00	0.00
1.62	69.80	2.00	0.00	1.00	0.00	1.63	68.09	2.00	0.00	1.00	0.00
1.64	66.67	2.00	0.00	1.00	0.00	1.65	66.02	2.00	0.00	1.00	0.00
1.66	65.86	2.00	0.00	1.00	0.00	1.67	65.78	2.00	0.00	1.00	0.00
1.68	65.50	2.00	0.00	1.00	0.00	1.69	65.22	2.00	0.00	1.00	0.00
1.70	64.78	2.00	0.00	1.00	0.00	1.71	64.62	2.00	0.00	1.00	0.00
1.72	64.51	2.00	0.00	1.00	0.00	1.73	64.81	2.00	0.00	1.00	0.00
1.74	64.78	2.00	0.00	1.00	0.00	1.75	64.61	2.00	0.00	1.00	0.00
1.76	64.54	2.00	0.00	1.00	0.00	1.77	65.10	2.00	0.00	1.00	0.00
1.78	65.95	2.00	0.00	1.00	0.00	1.79	67.06	2.00	0.00	1.00	0.00
1.80	67.94	2.00	0.00	1.00	0.00	1.81	68.57	2.00	0.00	1.00	0.00
1.82	69.10	2.00	0.00	1.00	0.00	1.83	69.69	2.00	0.00	1.00	0.00
1.84	70.35	2.00	0.00	1.00	0.00	1.85	70.66	2.00	0.00	1.00	0.00
1.86	70.74	2.00	0.00	1.00	0.00	1.87	71.18	2.00	0.00	1.00	0.00
1.88	71.64	2.00	0.00	1.00	0.00	1.89	71.77	2.00	0.00	1.00	0.00
1.90	71.57	2.00	0.00	1.00	0.00	1.91	71.14	2.00	0.00	1.00	0.00
1.92	70.80	2.00	0.00	1.00	0.00	1.93	70.46	2.00	0.00	1.00	0.00
1.94	70.06	2.00	0.00	1.00	0.00	1.95	69.58	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	68.65	2.00	0.00	1.00	0.00	1.97	67.79	2.00	0.00	1.00	0.00
1.98	67.07	2.00	0.00	1.00	0.00	1.99	66.48	2.00	0.00	1.00	0.00
2.00	65.47	2.00	0.00	1.00	0.00	2.01	63.90	2.00	0.00	1.00	0.00
2.02	61.97	2.00	0.00	1.00	0.00	2.03	59.16	2.00	0.00	1.00	0.00
2.04	56.01	2.00	0.00	1.00	0.00	2.05	52.99	2.00	0.00	1.00	0.00
2.06	51.42	2.00	0.00	1.00	0.00	2.07	50.38	2.00	0.00	1.00	0.00
2.08	49.31	2.00	0.00	1.00	0.00	2.09	47.73	2.00	0.00	1.00	0.00
2.10	46.58	2.00	0.00	1.00	0.00	2.11	46.02	2.00	0.00	1.00	0.00
2.12	45.79	2.00	0.00	1.00	0.00	2.13	45.68	2.00	0.00	1.00	0.00
2.14	45.43	2.00	0.00	1.00	0.00	2.15	45.03	2.00	0.00	1.00	0.00
2.16	44.43	2.00	0.00	1.00	0.00	2.17	43.85	2.00	0.00	1.00	0.00
2.18	43.92	2.00	0.00	1.00	0.00	2.19	44.05	2.00	0.00	1.00	0.00
2.20	44.70	2.00	0.00	1.00	0.00	2.21	45.35	2.00	0.00	1.00	0.00
2.22	45.80	2.00	0.00	1.00	0.00	2.23	46.09	2.00	0.00	1.00	0.00
2.24	46.09	2.00	0.00	1.00	0.00	2.25	46.09	2.00	0.00	1.00	0.00
2.26	46.02	2.00	0.00	1.00	0.00	2.27	46.18	2.00	0.00	1.00	0.00
2.28	46.64	2.00	0.00	1.00	0.00	2.29	47.11	2.00	0.00	1.00	0.00
2.30	47.44	2.00	0.00	1.00	0.00	2.31	47.64	2.00	0.00	1.00	0.00
2.32	47.75	2.00	0.00	1.00	0.00	2.33	48.04	2.00	0.00	1.00	0.00
2.34	48.17	2.00	0.00	1.00	0.00	2.35	48.22	2.00	0.00	1.00	0.00
2.36	48.14	2.00	0.00	1.00	0.00	2.37	48.11	2.00	0.00	1.00	0.00
2.38	48.14	2.00	0.00	1.00	0.00	2.39	48.07	2.00	0.00	1.00	0.00
2.40	47.69	2.00	0.00	1.00	0.00	2.41	47.29	2.00	0.00	1.00	0.00
2.42	46.61	2.00	0.00	1.00	0.00	2.43	46.27	2.00	0.00	1.00	0.00
2.44	45.85	2.00	0.00	1.00	0.00	2.45	45.74	2.00	0.00	1.00	0.00
2.46	45.22	2.00	0.00	1.00	0.00	2.47	44.68	2.00	0.00	1.00	0.00
2.48	43.09	2.00	0.00	1.00	0.00	2.49	41.25	2.00	0.00	1.00	0.00
2.50	39.24	2.00	0.00	1.00	0.00	2.51	38.13	2.00	0.00	1.00	0.00
2.52	38.06	2.00	0.00	1.00	0.00	2.53	37.94	2.00	0.00	1.00	0.00
2.54	37.93	2.00	0.00	1.00	0.00	2.55	37.34	2.00	0.00	1.00	0.00
2.56	36.80	2.00	0.00	1.00	0.00	2.57	36.32	2.00	0.00	1.00	0.00
2.58	36.49	2.00	0.00	1.00	0.00	2.59	36.75	2.00	0.00	1.00	0.00
2.60	37.94	2.00	0.00	1.00	0.00	2.61	38.76	2.00	0.00	1.00	0.00
2.62	39.58	2.00	0.00	1.00	0.00	2.63	39.69	2.00	0.00	1.00	0.00
2.64	39.87	2.00	0.00	1.00	0.00	2.65	40.16	2.00	0.00	1.00	0.00
2.66	40.61	2.00	0.00	1.00	0.00	2.67	41.17	2.00	0.00	1.00	0.00
2.68	41.81	2.00	0.00	1.00	0.00	2.69	42.47	2.00	0.00	1.00	0.00
2.70	43.50	2.00	0.00	1.00	0.00	2.71	44.61	2.00	0.00	1.00	0.00
2.72	45.73	2.00	0.00	1.00	0.00	2.73	46.08	2.00	0.00	1.00	0.00
2.74	46.34	2.00	0.00	1.00	0.00	2.75	46.47	2.00	0.00	1.00	0.00
2.76	46.94	2.00	0.00	1.00	0.00	2.77	47.36	2.00	0.00	1.00	0.00
2.78	47.57	2.00	0.00	1.00	0.00	2.79	47.65	2.00	0.00	1.00	0.00
2.80	46.84	2.00	0.00	1.00	0.00	2.81	45.54	2.00	0.00	1.00	0.00
2.82	43.99	2.00	0.00	1.00	0.00	2.83	43.40	2.00	0.00	1.00	0.00
2.84	43.34	2.00	0.00	1.00	0.00	2.85	43.52	2.00	0.00	1.00	0.00
2.86	43.57	2.00	0.00	1.00	0.00	2.87	43.65	2.00	0.00	1.00	0.00
2.88	43.23	2.00	0.00	1.00	0.00	2.89	42.84	2.00	0.00	1.00	0.00
2.90	42.44	2.00	0.00	1.00	0.00	2.91	42.39	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	42.32	2.00	0.00	1.00	0.00	2.93	42.24	2.00	0.00	1.00	0.00
2.94	41.80	2.00	0.00	1.00	0.00	2.95	41.32	2.00	0.00	1.00	0.00
2.96	40.75	2.00	0.00	1.00	0.00	2.97	40.64	2.00	0.00	1.00	0.00
2.98	40.92	2.00	0.00	1.00	0.00	2.99	41.29	2.00	0.00	1.00	0.00
3.00	41.74	2.00	0.00	1.00	0.00	3.01	41.83	2.00	0.00	1.00	0.00
3.02	41.91	2.00	0.00	1.00	0.00	3.03	41.92	2.00	0.00	1.00	0.00
3.04	41.81	2.00	0.00	1.00	0.00	3.05	41.96	2.00	0.00	1.00	0.00
3.06	42.41	2.00	0.00	1.00	0.00	3.07	43.03	2.00	0.00	1.00	0.00
3.08	43.18	2.00	0.00	1.00	0.00	3.09	43.50	2.00	0.00	1.00	0.00
3.10	43.74	2.00	0.00	1.00	0.00	3.11	44.24	2.00	0.00	1.00	0.00
3.12	44.21	2.00	0.00	1.00	0.00	3.13	44.01	2.00	0.00	1.00	0.00
3.14	43.99	2.00	0.00	1.00	0.00	3.15	43.92	2.00	0.00	1.00	0.00
3.16	43.97	2.00	0.00	1.00	0.00	3.17	43.93	2.00	0.00	1.00	0.00
3.18	44.37	2.00	0.00	1.00	0.00	3.19	44.89	2.00	0.00	1.00	0.00
3.20	45.30	2.00	0.00	1.00	0.00	3.21	45.32	2.00	0.00	1.00	0.00
3.22	45.27	2.00	0.00	1.00	0.00	3.23	45.22	2.00	0.00	1.00	0.00
3.24	45.26	2.00	0.00	1.00	0.00	3.25	45.74	2.00	0.00	1.00	0.00
3.26	46.14	2.00	0.00	1.00	0.00	3.27	46.55	2.00	0.00	1.00	0.00
3.28	46.68	2.00	0.00	1.00	0.00	3.29	46.90	2.00	0.00	1.00	0.00
3.30	46.99	2.00	0.00	1.00	0.00	3.31	46.66	2.00	0.00	1.00	0.00
3.32	46.16	2.00	0.00	1.00	0.00	3.33	45.63	2.00	0.00	1.00	0.00
3.34	44.98	2.00	0.00	1.00	0.00	3.35	44.50	2.00	0.00	1.00	0.00
3.36	44.27	2.00	0.00	1.00	0.00	3.37	44.03	2.00	0.00	1.00	0.00
3.38	43.82	2.00	0.00	1.00	0.00	3.39	43.25	2.00	0.00	1.00	0.00
3.40	42.93	2.00	0.00	1.00	0.00	3.41	42.51	2.00	0.00	1.00	0.00
3.42	42.05	2.00	0.00	1.00	0.00	3.43	41.55	2.00	0.00	1.00	0.00
3.44	40.98	2.00	0.00	1.00	0.00	3.45	40.71	2.00	0.00	1.00	0.00
3.46	40.44	2.00	0.00	1.00	0.00	3.47	40.19	2.00	0.00	1.00	0.00
3.48	40.04	2.00	0.00	1.00	0.00	3.49	40.44	2.00	0.00	1.00	0.00
3.50	41.26	2.00	0.00	1.00	0.00	3.51	42.20	2.00	0.00	1.00	0.00
3.52	42.78	2.00	0.00	1.00	0.00	3.53	43.17	2.00	0.00	1.00	0.00
3.54	43.43	2.00	0.00	1.00	0.00	3.55	43.95	2.00	0.00	1.00	0.00
3.56	44.87	2.00	0.00	1.00	0.00	3.57	45.81	2.00	0.00	1.00	0.00
3.58	46.61	2.00	0.00	1.00	0.00	3.59	47.30	2.00	0.00	1.00	0.00
3.60	48.50	2.00	0.00	1.00	0.00	3.61	49.89	2.00	0.00	1.00	0.00
3.62	51.39	2.00	0.00	1.00	0.00	3.63	53.13	2.00	0.00	1.00	0.00
3.64	54.92	2.00	0.00	1.00	0.00	3.65	56.87	2.00	0.00	1.00	0.00
3.66	58.85	2.00	0.00	1.00	0.00	3.67	60.70	2.00	0.00	1.00	0.00
3.68	62.11	2.00	0.00	1.00	0.00	3.69	63.05	2.00	0.00	1.00	0.00
3.70	64.31	2.00	0.00	1.00	0.00	3.71	65.75	2.00	0.00	1.00	0.00
3.72	66.80	2.00	0.00	1.00	0.00	3.73	67.28	2.00	0.00	1.00	0.00
3.74	67.57	2.00	0.00	1.00	0.00	3.75	67.94	2.00	0.00	1.00	0.00
3.76	68.22	2.00	0.00	1.00	0.00	3.77	68.32	2.00	0.00	1.00	0.00
3.78	68.46	2.00	0.00	1.00	0.00	3.79	68.54	2.00	0.00	1.00	0.00
3.80	68.54	2.00	0.00	1.00	0.00	3.81	68.39	2.00	0.00	1.00	0.00
3.82	68.26	2.00	0.00	1.00	0.00	3.83	68.17	2.00	0.00	1.00	0.00
3.84	68.05	2.00	0.00	1.00	0.00	3.85	67.68	2.00	0.00	1.00	0.00
3.86	67.35	2.00	0.00	1.00	0.00	3.87	67.13	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	67.54	2.00	0.00	1.00	0.00	3.89	68.36	2.00	0.00	1.00	0.00
3.90	70.15	2.00	0.00	1.00	0.00	3.91	72.05	2.00	0.00	1.00	0.00
3.92	73.66	2.00	0.00	1.00	0.00	3.93	75.14	2.00	0.00	1.00	0.00
3.94	76.38	2.00	0.00	1.00	0.00	3.95	77.86	2.00	0.00	1.00	0.00
3.96	78.75	2.00	0.00	1.00	0.00	3.97	79.48	2.00	0.00	1.00	0.00
3.98	79.86	2.00	0.00	1.00	0.00	3.99	80.13	2.00	0.00	1.00	0.00
4.00	80.64	2.00	0.00	1.00	0.00	4.01	81.02	2.00	0.00	1.00	0.00
4.02	81.03	2.00	0.00	1.00	0.00	4.03	80.61	2.00	0.00	1.00	0.00
4.04	79.12	2.00	0.00	1.00	0.00	4.05	77.62	2.00	0.00	1.00	0.00
4.06	75.87	2.00	0.00	1.00	0.00	4.07	74.72	2.00	0.00	1.00	0.00
4.08	73.64	2.00	0.00	1.00	0.00	4.09	72.61	2.00	0.00	1.00	0.00
4.10	71.81	2.00	0.00	1.00	0.00	4.11	70.89	2.00	0.00	1.00	0.00
4.12	69.72	2.00	0.00	1.00	0.00	4.13	68.65	2.00	0.00	1.00	0.00
4.14	67.65	2.00	0.00	1.00	0.00	4.15	67.65	2.00	0.00	1.00	0.00
4.16	68.47	2.00	0.00	1.00	0.00	4.17	69.84	2.00	0.00	1.00	0.00
4.18	71.63	2.00	0.00	1.00	0.00	4.19	73.12	2.00	0.00	1.00	0.00
4.20	74.27	2.00	0.00	1.00	0.00	4.21	74.64	2.00	0.00	1.00	0.00
4.22	74.69	2.00	0.00	1.00	0.00	4.23	74.42	2.00	0.00	1.00	0.00
4.24	74.08	2.00	0.00	1.00	0.00	4.25	73.81	2.00	0.00	1.00	0.00
4.26	73.58	2.00	0.00	1.00	0.00	4.27	73.78	2.00	0.00	1.00	0.00
4.28	73.66	2.00	0.00	1.00	0.00	4.29	73.41	2.00	0.00	1.00	0.00
4.30	72.69	2.00	0.00	1.00	0.00	4.31	71.62	2.00	0.00	1.00	0.00
4.32	70.26	2.00	0.00	1.00	0.00	4.33	68.62	2.00	0.00	1.00	0.00
4.34	66.81	2.00	0.00	1.00	0.00	4.35	65.08	2.00	0.00	1.00	0.00
4.36	63.13	2.00	0.00	1.00	0.00	4.37	61.75	2.00	0.00	1.00	0.00
4.38	60.37	2.00	0.00	1.00	0.00	4.39	59.58	2.00	0.00	1.00	0.00
4.40	59.21	2.00	0.00	1.00	0.00	4.41	59.07	2.00	0.00	1.00	0.00
4.42	59.05	2.00	0.00	1.00	0.00	4.43	59.09	2.00	0.00	1.00	0.00
4.44	59.32	2.00	0.00	1.00	0.00	4.45	59.73	2.00	0.00	1.00	0.00
4.46	60.25	2.00	0.00	1.00	0.00	4.47	60.69	2.00	0.00	1.00	0.00
4.48	61.12	2.00	0.00	1.00	0.00	4.49	61.34	2.00	0.00	1.00	0.00
4.50	61.44	2.00	0.00	1.00	0.00	4.51	61.31	2.00	0.00	1.00	0.00
4.52	61.19	2.00	0.00	1.00	0.00	4.53	61.12	2.00	0.00	1.00	0.00
4.54	61.05	2.00	0.00	1.00	0.00	4.55	60.90	2.00	0.00	1.00	0.00
4.56	60.74	2.00	0.00	1.00	0.00	4.57	60.67	2.00	0.00	1.00	0.00
4.58	60.23	2.00	0.00	1.00	0.00	4.59	59.81	2.00	0.00	1.00	0.00
4.60	59.31	2.00	0.00	1.00	0.00	4.61	59.15	2.00	0.00	1.00	0.00
4.62	59.08	2.00	0.00	1.00	0.00	4.63	59.88	2.00	0.00	1.00	0.00
4.64	61.10	2.00	0.00	1.00	0.00	4.65	62.55	2.00	0.00	1.00	0.00
4.66	63.55	2.00	0.00	1.00	0.00	4.67	64.27	2.00	0.00	1.00	0.00
4.68	64.94	2.00	0.00	1.00	0.00	4.69	66.15	2.00	0.00	1.00	0.00
4.70	67.88	2.00	0.00	1.00	0.00	4.71	70.13	2.00	0.00	1.00	0.00
4.72	72.57	2.00	0.00	1.00	0.00	4.73	74.51	2.00	0.00	1.00	0.00
4.74	76.27	2.00	0.00	1.00	0.00	4.75	78.13	2.00	0.00	1.00	0.00
4.76	81.00	2.00	0.00	1.00	0.00	4.77	83.29	2.00	0.00	1.00	0.00
4.78	84.90	2.00	0.00	1.00	0.00	4.79	85.98	2.00	0.00	1.00	0.00
4.80	88.43	2.00	0.00	1.00	0.00	4.81	90.83	2.00	0.00	1.00	0.00
4.82	92.82	2.00	0.00	1.00	0.00	4.83	94.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	95.15	2.00	0.00	1.00	0.00	4.85	95.99	2.00	0.00	1.00	0.00
4.86	93.59	2.00	0.00	1.00	0.00	4.87	89.95	2.00	0.00	1.00	0.00
4.88	85.17	2.00	0.00	1.00	0.00	4.89	85.84	2.00	0.00	1.00	0.00
4.90	86.07	2.00	0.00	1.00	0.00	4.91	85.82	2.00	0.00	1.00	0.00
4.92	84.24	2.00	0.00	1.00	0.00	4.93	82.50	2.00	0.00	1.00	0.00
4.94	80.69	2.00	0.00	1.00	0.00	4.95	77.95	2.00	0.00	1.00	0.00
4.96	74.78	2.00	0.00	1.00	0.00	4.97	71.53	2.00	0.00	1.00	0.00
4.98	68.57	2.00	0.00	1.00	0.00	4.99	65.71	2.00	0.00	1.00	0.00
5.00	62.57	2.00	0.00	1.00	0.00	5.01	60.18	2.00	0.00	1.00	0.00
5.02	57.77	2.00	0.00	1.00	0.00	5.03	55.77	2.00	0.00	1.00	0.00
5.04	53.47	2.00	0.00	1.00	0.00	5.05	51.54	2.00	0.00	1.00	0.00
5.06	49.72	2.00	0.00	1.00	0.00	5.07	48.54	2.00	0.00	1.00	0.00
5.08	47.70	2.00	0.00	1.00	0.00	5.09	46.99	2.00	0.00	1.00	0.00
5.10	46.20	2.00	0.00	1.00	0.00	5.11	45.23	2.00	0.00	1.00	0.00
5.12	43.98	2.00	0.00	1.00	0.00	5.13	43.03	2.00	0.00	1.00	0.00
5.14	42.29	2.00	0.00	1.00	0.00	5.15	42.02	2.00	0.00	1.00	0.00
5.16	41.87	2.00	0.00	1.00	0.00	5.17	41.72	2.00	0.00	1.00	0.00
5.18	41.50	2.00	0.00	1.00	0.00	5.19	41.02	2.00	0.00	1.00	0.00
5.20	40.56	2.00	0.00	1.00	0.00	5.21	39.74	2.00	0.00	1.00	0.00
5.22	39.23	2.00	0.00	1.00	0.00	5.23	38.76	2.00	0.00	1.00	0.00
5.24	38.63	2.00	0.00	1.00	0.00	5.25	38.39	2.00	0.00	1.00	0.00
5.26	38.06	2.00	0.00	1.00	0.00	5.27	37.80	2.00	0.00	1.00	0.00
5.28	37.54	2.00	0.00	1.00	0.00	5.29	37.14	2.00	0.00	1.00	0.00
5.30	36.72	2.00	0.00	1.00	0.00	5.31	36.35	2.00	0.00	1.00	0.00
5.32	36.21	2.00	0.00	1.00	0.00	5.33	36.08	2.00	0.00	1.00	0.00
5.34	35.91	2.00	0.00	1.00	0.00	5.35	35.74	2.00	0.00	1.00	0.00
5.36	35.53	2.00	0.00	1.00	0.00	5.37	35.26	2.00	0.00	1.00	0.00
5.38	34.96	2.00	0.00	1.00	0.00	5.39	34.68	2.00	0.00	1.00	0.00
5.40	34.52	2.00	0.00	1.00	0.00	5.41	34.36	2.00	0.00	1.00	0.00
5.42	34.26	2.00	0.00	1.00	0.00	5.43	34.22	2.00	0.00	1.00	0.00
5.44	34.23	2.00	0.00	1.00	0.00	5.45	34.17	2.00	0.00	1.00	0.00
5.46	34.13	2.00	0.00	1.00	0.00	5.47	34.10	2.00	0.00	1.00	0.00
5.48	34.12	2.00	0.00	1.00	0.00	5.49	34.11	2.00	0.00	1.00	0.00
5.50	34.05	2.00	0.00	1.00	0.00	5.51	34.04	2.00	0.00	1.00	0.00
5.52	34.01	2.00	0.00	1.00	0.00	5.53	33.98	2.00	0.00	1.00	0.00
5.54	33.95	2.00	0.00	1.00	0.00	5.55	33.97	2.00	0.00	1.00	0.00
5.56	33.98	2.00	0.00	1.00	0.00	5.57	33.97	2.00	0.00	1.00	0.00
5.58	33.90	2.00	0.00	1.00	0.00	5.59	33.76	2.00	0.00	1.00	0.00
5.60	33.57	2.00	0.00	1.00	0.00	5.61	33.61	2.00	0.00	1.00	0.00
5.62	33.71	2.00	0.00	1.00	0.00	5.63	33.86	2.00	0.00	1.00	0.00
5.64	33.85	2.00	0.00	1.00	0.00	5.65	33.83	2.00	0.00	1.00	0.00
5.66	33.59	2.00	0.00	1.00	0.00	5.67	33.42	2.00	0.00	1.00	0.00
5.68	33.30	2.00	0.00	1.00	0.00	5.69	33.48	2.00	0.00	1.00	0.00
5.70	33.67	2.00	0.00	1.00	0.00	5.71	33.84	2.00	0.00	1.00	0.00
5.72	33.87	2.00	0.00	1.00	0.00	5.73	33.82	2.00	0.00	1.00	0.00
5.74	33.72	2.00	0.00	1.00	0.00	5.75	33.95	2.00	0.00	1.00	0.00
5.76	33.99	2.00	0.00	1.00	0.00	5.77	34.03	2.00	0.00	1.00	0.00
5.78	34.06	2.00	0.00	1.00	0.00	5.79	34.00	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
5.80	34.12	2.00	0.00	1.00	0.00	5.81	33.93	2.00	0.00	1.00	0.00
5.82	33.98	2.00	0.00	1.00	0.00	5.83	33.85	2.00	0.00	1.00	0.00
5.84	33.75	2.00	0.00	1.00	0.00	5.85	33.66	2.00	0.00	1.00	0.00
5.86	33.63	2.00	0.00	1.00	0.00	5.87	32.38	2.00	0.00	1.00	0.00
5.88	31.19	2.00	0.00	1.00	0.00	5.89	29.81	2.00	0.00	1.00	0.00
5.90	30.50	2.00	0.00	1.00	0.00	5.91	30.81	2.00	0.00	1.00	0.00
5.92	31.15	2.00	0.00	1.00	0.00	5.93	31.44	2.00	0.00	1.00	0.00
5.94	31.74	2.00	0.00	1.00	0.00	5.95	31.95	2.00	0.00	1.00	0.00
5.96	32.13	2.00	0.00	1.00	0.00	5.97	32.46	2.00	0.00	1.00	0.00
5.98	32.76	2.00	0.00	1.00	0.00	5.99	33.00	2.00	0.00	1.00	0.00
6.00	32.87	2.00	0.00	1.00	0.00	6.01	32.68	2.00	0.00	1.00	0.00
6.02	32.59	2.00	0.00	1.00	0.00	6.03	32.72	2.00	0.00	1.00	0.00
6.04	32.99	2.00	0.00	1.00	0.00	6.05	33.17	2.00	0.00	1.00	0.00
6.06	33.37	2.00	0.00	1.00	0.00	6.07	33.48	2.00	0.00	1.00	0.00
6.08	33.67	2.00	0.00	1.00	0.00	6.09	34.10	2.00	0.00	1.00	0.00
6.10	34.66	2.00	0.00	1.00	0.00	6.11	35.24	2.00	0.00	1.00	0.00
6.12	35.87	2.00	0.00	1.00	0.00	6.13	36.54	2.00	0.00	1.00	0.00
6.14	37.29	2.00	0.00	1.00	0.00	6.15	37.94	2.00	0.00	1.00	0.00
6.16	38.49	2.00	0.00	1.00	0.00	6.17	38.93	2.00	0.00	1.00	0.00
6.18	39.27	2.00	0.00	1.00	0.00	6.19	39.56	2.00	0.00	1.00	0.00
6.20	39.92	2.00	0.00	1.00	0.00	6.21	40.26	2.00	0.00	1.00	0.00
6.22	40.50	2.00	0.00	1.00	0.00	6.23	40.58	2.00	0.00	1.00	0.00
6.24	40.34	2.00	0.00	1.00	0.00	6.25	40.02	2.00	0.00	1.00	0.00
6.26	39.62	2.00	0.00	1.00	0.00	6.27	39.42	2.00	0.00	1.00	0.00
6.28	39.20	2.00	0.00	1.00	0.00	6.29	38.94	2.00	0.00	1.00	0.00
6.30	38.64	2.00	0.00	1.00	0.00	6.31	38.36	2.00	0.00	1.00	0.00
6.32	38.18	2.00	0.00	1.00	0.00	6.33	37.99	2.00	0.00	1.00	0.00
6.34	37.86	2.00	0.00	1.00	0.00	6.35	37.61	2.00	0.00	1.00	0.00
6.36	37.43	2.00	0.00	1.00	0.00	6.37	37.27	2.00	0.00	1.00	0.00
6.38	37.16	2.00	0.00	1.00	0.00	6.39	36.92	2.00	0.00	1.00	0.00
6.40	36.67	2.00	0.00	1.00	0.00	6.41	36.34	2.00	0.00	1.00	0.00
6.42	36.06	2.00	0.00	1.00	0.00	6.43	35.64	2.00	0.00	1.00	0.00
6.44	35.24	2.00	0.00	1.00	0.00	6.45	34.81	2.00	0.00	1.00	0.00
6.46	34.43	2.00	0.00	1.00	0.00	6.47	34.15	2.00	0.00	1.00	0.00
6.48	33.97	2.00	0.00	1.00	0.00	6.49	33.80	2.00	0.00	1.00	0.00
6.50	33.53	2.00	0.00	1.00	0.00	6.51	33.32	2.00	0.00	1.00	0.00
6.52	33.12	2.00	0.00	1.00	0.00	6.53	33.04	2.00	0.00	1.00	0.00
6.54	32.91	2.00	0.00	1.00	0.00	6.55	32.74	2.00	0.00	1.00	0.00
6.56	32.54	2.00	0.00	1.00	0.00	6.57	32.44	2.00	0.00	1.00	0.00
6.58	32.48	2.00	0.00	1.00	0.00	6.59	32.67	2.00	0.00	1.00	0.00
6.60	32.91	2.00	0.00	1.00	0.00	6.61	33.05	2.00	0.00	1.00	0.00
6.62	33.15	2.00	0.00	1.00	0.00	6.63	33.22	2.00	0.00	1.00	0.00
6.64	33.35	2.00	0.00	1.00	0.00	6.65	33.51	2.00	0.00	1.00	0.00
6.66	33.80	2.00	0.00	1.00	0.00	6.67	34.02	2.00	0.00	1.00	0.00
6.68	34.14	2.00	0.00	1.00	0.00	6.69	34.14	2.00	0.00	1.00	0.00
6.70	34.20	2.00	0.00	1.00	0.00	6.71	34.32	2.00	0.00	1.00	0.00
6.72	34.58	2.00	0.00	1.00	0.00	6.73	35.15	2.00	0.00	1.00	0.00
6.74	35.81	2.00	0.00	1.00	0.00	6.75	36.28	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	36.48	2.00	0.00	1.00	0.00	6.77	36.61	2.00	0.00	1.00	0.00
6.78	36.93	2.00	0.00	1.00	0.00	6.79	37.18	2.00	0.00	1.00	0.00
6.80	37.39	2.00	0.00	1.00	0.00	6.81	37.62	2.00	0.00	1.00	0.00
6.82	37.75	2.00	0.00	1.00	0.00	6.83	38.04	2.00	0.00	1.00	0.00
6.84	38.13	2.00	0.00	1.00	0.00	6.85	38.28	2.00	0.00	1.00	0.00
6.86	38.25	2.00	0.00	1.00	0.00	6.87	37.14	2.00	0.00	1.00	0.00
6.88	35.92	2.00	0.00	1.00	0.00	6.89	34.52	2.00	0.00	1.00	0.00
6.90	35.02	2.00	0.00	1.00	0.00	6.91	35.49	2.00	0.00	1.00	0.00
6.92	36.01	2.00	0.00	1.00	0.00	6.93	36.64	2.00	0.00	1.00	0.00
6.94	37.24	2.00	0.00	1.00	0.00	6.95	37.80	2.00	0.00	1.00	0.00
6.96	38.21	2.00	0.00	1.00	0.00	6.97	38.57	2.00	0.00	1.00	0.00
6.98	38.91	2.00	0.00	1.00	0.00	6.99	39.21	2.00	0.00	1.00	0.00
7.00	39.42	2.00	0.00	1.00	0.00	7.01	39.46	2.00	0.00	1.00	0.00
7.02	39.37	2.00	0.00	1.00	0.00	7.03	39.34	2.00	0.00	1.00	0.00
7.04	39.39	2.00	0.00	1.00	0.00	7.05	39.39	2.00	0.00	1.00	0.00
7.06	39.26	2.00	0.00	1.00	0.00	7.07	38.98	2.00	0.00	1.00	0.00
7.08	38.67	2.00	0.00	1.00	0.00	7.09	38.36	2.00	0.00	1.00	0.00
7.10	38.27	2.00	0.00	1.00	0.00	7.11	38.17	2.00	0.00	1.00	0.00
7.12	38.04	2.00	0.00	1.00	0.00	7.13	37.76	2.00	0.00	1.00	0.00
7.14	37.52	2.00	0.00	1.00	0.00	7.15	37.45	2.00	0.00	1.00	0.00
7.16	37.38	2.00	0.00	1.00	0.00	7.17	37.35	2.00	0.00	1.00	0.00
7.18	37.26	2.00	0.00	1.00	0.00	7.19	37.38	2.00	0.00	1.00	0.00
7.20	37.44	2.00	0.00	1.00	0.00	7.21	37.51	2.00	0.00	1.00	0.00
7.22	37.60	2.00	0.00	1.00	0.00	7.23	37.69	2.00	0.00	1.00	0.00
7.24	37.83	2.00	0.00	1.00	0.00	7.25	37.92	2.00	0.00	1.00	0.00
7.26	38.30	2.00	0.00	1.00	0.00	7.27	38.70	2.00	0.00	1.00	0.00
7.28	38.96	2.00	0.00	1.00	0.00	7.29	38.85	2.00	0.00	1.00	0.00
7.30	38.72	2.00	0.00	1.00	0.00	7.31	38.71	2.00	0.00	1.00	0.00
7.32	38.83	2.00	0.00	1.00	0.00	7.33	38.92	2.00	0.00	1.00	0.00
7.34	39.03	2.00	0.00	1.00	0.00	7.35	39.09	2.00	0.00	1.00	0.00
7.36	39.00	2.00	0.00	1.00	0.00	7.37	38.81	2.00	0.00	1.00	0.00
7.38	38.46	2.00	0.00	1.00	0.00	7.39	38.09	2.00	0.00	1.00	0.00
7.40	37.68	2.00	0.00	1.00	0.00	7.41	37.38	2.00	0.00	1.00	0.00
7.42	37.00	2.00	0.00	1.00	0.00	7.43	36.94	2.00	0.00	1.00	0.00
7.44	37.00	2.00	0.00	1.00	0.00	7.45	37.12	2.00	0.00	1.00	0.00
7.46	36.90	2.00	0.00	1.00	0.00	7.47	36.47	2.00	0.00	1.00	0.00
7.48	35.95	2.00	0.00	1.00	0.00	7.49	35.47	2.00	0.00	1.00	0.00
7.50	35.24	2.00	0.00	1.00	0.00	7.51	35.09	2.00	0.00	1.00	0.00
7.52	34.85	2.00	0.00	1.00	0.00	7.53	34.49	2.00	0.00	1.00	0.00
7.54	34.10	2.00	0.00	1.00	0.00	7.55	34.06	2.00	0.00	1.00	0.00
7.56	34.25	2.00	0.00	1.00	0.00	7.57	34.57	2.00	0.00	1.00	0.00
7.58	34.77	2.00	0.00	1.00	0.00	7.59	35.02	2.00	0.00	1.00	0.00
7.60	35.31	2.00	0.00	1.00	0.00	7.61	35.57	2.00	0.00	1.00	0.00
7.62	35.67	2.00	0.00	1.00	0.00	7.63	35.72	2.00	0.00	1.00	0.00
7.64	35.72	2.00	0.00	1.00	0.00	7.65	35.85	2.00	0.00	1.00	0.00
7.66	35.88	2.00	0.00	1.00	0.00	7.67	35.98	2.00	0.00	1.00	0.00
7.68	36.06	2.00	0.00	1.00	0.00	7.69	36.30	2.00	0.00	1.00	0.00
7.70	36.42	2.00	0.00	1.00	0.00	7.71	36.20	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	35.78	2.00	0.00	1.00	0.00	7.73	35.39	2.00	0.00	1.00	0.00
7.74	35.20	2.00	0.00	1.00	0.00	7.75	35.17	2.00	0.00	1.00	0.00
7.76	35.21	2.00	0.00	1.00	0.00	7.77	35.31	2.00	0.00	1.00	0.00
7.78	35.41	2.00	0.00	1.00	0.00	7.79	35.51	2.00	0.00	1.00	0.00
7.80	35.60	2.00	0.00	1.00	0.00	7.81	35.73	2.00	0.00	1.00	0.00
7.82	35.89	2.00	0.00	1.00	0.00	7.83	36.02	2.00	0.00	1.00	0.00
7.84	36.11	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	36.17	2.00	0.00	1.00	0.00	7.87	33.99	2.00	0.00	1.00	0.00
7.88	32.08	2.00	0.00	1.00	0.00	7.89	30.13	2.00	0.00	1.00	0.00
7.90	31.32	2.00	0.00	1.00	0.00	7.91	32.11	2.00	0.00	1.00	0.00
7.92	32.84	2.00	0.00	1.00	0.00	7.93	33.57	2.00	0.00	1.00	0.00
7.94	34.36	2.00	0.00	1.00	0.00	7.95	34.87	2.00	0.00	1.00	0.00
7.96	35.14	2.00	0.00	1.00	0.00	7.97	34.91	2.00	0.00	1.00	0.00
7.98	34.84	2.00	0.00	1.00	0.00	7.99	34.96	2.00	0.00	1.00	0.00
8.00	35.23	2.00	0.00	1.00	0.00	8.01	35.14	2.00	0.00	1.00	0.00
8.02	35.04	2.00	0.00	1.00	0.00	8.03	35.07	2.00	0.00	1.00	0.00
8.04	35.42	2.00	0.00	1.00	0.00	8.05	35.16	2.00	0.00	1.00	0.00
8.06	35.04	2.00	0.00	1.00	0.00	8.07	35.39	2.00	0.00	1.00	0.00
8.08	36.44	2.00	0.00	1.00	0.00	8.09	36.86	2.00	0.00	1.00	0.00
8.10	36.42	2.00	0.00	1.00	0.00	8.11	35.74	2.00	0.00	1.00	0.00
8.12	35.45	2.00	0.00	1.00	0.00	8.13	35.44	2.00	0.00	1.00	0.00
8.14	35.35	2.00	0.00	1.00	0.00	8.15	35.20	2.00	0.00	1.00	0.00
8.16	34.92	2.00	0.00	1.00	0.00	8.17	34.50	2.00	0.00	1.00	0.00
8.18	33.86	2.00	0.00	1.00	0.00	8.19	33.52	2.00	0.00	1.00	0.00
8.20	33.67	2.00	0.00	1.00	0.00	8.21	34.01	2.00	0.00	1.00	0.00
8.22	34.19	2.00	0.00	1.00	0.00	8.23	34.11	2.00	0.00	1.00	0.00
8.24	34.00	2.00	0.00	1.00	0.00	8.25	34.00	2.00	0.00	1.00	0.00
8.26	34.04	2.00	0.00	1.00	0.00	8.27	34.16	2.00	0.00	1.00	0.00
8.28	34.27	2.00	0.00	1.00	0.00	8.29	34.42	2.00	0.00	1.00	0.00
8.30	34.58	2.00	0.00	1.00	0.00	8.31	34.69	2.00	0.00	1.00	0.00
8.32	34.94	2.00	0.00	1.00	0.00	8.33	35.19	2.00	0.00	1.00	0.00
8.34	35.47	2.00	0.00	1.00	0.00	8.35	35.58	2.00	0.00	1.00	0.00
8.36	35.66	2.00	0.00	1.00	0.00	8.37	35.60	2.00	0.00	1.00	0.00
8.38	35.54	2.00	0.00	1.00	0.00	8.39	35.47	2.00	0.00	1.00	0.00
8.40	35.51	2.00	0.00	1.00	0.00	8.41	35.57	2.00	0.00	1.00	0.00
8.42	35.65	2.00	0.00	1.00	0.00	8.43	35.72	2.00	0.00	1.00	0.00
8.44	35.83	2.00	0.00	1.00	0.00	8.45	36.00	2.00	0.00	1.00	0.00
8.46	36.17	2.00	0.00	1.00	0.00	8.47	36.31	2.00	0.00	1.00	0.00
8.48	36.38	2.00	0.00	1.00	0.00	8.49	36.42	2.00	0.00	1.00	0.00
8.50	36.50	2.00	0.00	1.00	0.00	8.51	36.61	2.00	0.00	1.00	0.00
8.52	36.71	2.00	0.00	1.00	0.00	8.53	36.73	2.00	0.00	1.00	0.00
8.54	36.69	2.00	0.00	1.00	0.00	8.55	36.69	2.00	0.00	1.00	0.00
8.56	36.73	2.00	0.00	1.00	0.00	8.57	36.73	2.00	0.00	1.00	0.00
8.58	36.66	2.00	0.00	1.00	0.00	8.59	36.58	2.00	0.00	1.00	0.00
8.60	36.52	2.00	0.00	1.00	0.00	8.61	36.45	2.00	0.00	1.00	0.00
8.62	36.35	2.00	0.00	1.00	0.00	8.63	36.25	2.00	0.00	1.00	0.00
8.64	36.14	2.00	0.00	1.00	0.00	8.65	36.11	2.00	0.00	1.00	0.00
8.66	36.14	2.00	0.00	1.00	0.00	8.67	36.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
8.68	36.14	2.00	0.00	1.00	0.00	8.69	36.14	2.00	0.00	1.00	0.00
8.70	36.18	2.00	0.00	1.00	0.00	8.71	36.21	2.00	0.00	1.00	0.00
8.72	36.24	2.00	0.00	1.00	0.00	8.73	36.34	2.00	0.00	1.00	0.00
8.74	36.34	2.00	0.00	1.00	0.00	8.75	36.31	2.00	0.00	1.00	0.00
8.76	36.27	2.00	0.00	1.00	0.00	8.77	36.30	2.00	0.00	1.00	0.00
8.78	36.33	2.00	0.00	1.00	0.00	8.79	36.36	2.00	0.00	1.00	0.00
8.80	36.39	2.00	0.00	1.00	0.00	8.81	36.50	2.00	0.00	1.00	0.00
8.82	36.54	2.00	0.00	1.00	0.00	8.83	36.64	2.00	0.00	1.00	0.00
8.84	36.72	2.00	0.00	1.00	0.00	8.85	36.81	2.00	0.00	1.00	0.00
8.86	36.84	2.00	0.00	1.00	0.00	8.87	34.68	2.00	0.00	1.00	0.00
8.88	32.74	2.00	0.00	1.00	0.00	8.89	30.79	2.00	0.00	1.00	0.00
8.90	31.89	2.00	0.00	1.00	0.00	8.91	32.59	2.00	0.00	1.00	0.00
8.92	33.45	2.00	0.00	1.00	0.00	8.93	34.10	2.00	0.00	1.00	0.00
8.94	34.61	2.00	0.00	1.00	0.00	8.95	34.71	2.00	0.00	1.00	0.00
8.96	34.96	2.00	0.00	1.00	0.00	8.97	35.29	2.00	0.00	1.00	0.00
8.98	35.65	2.00	0.00	1.00	0.00	8.99	35.94	2.00	0.00	1.00	0.00
9.00	36.08	2.00	0.00	1.00	0.00	9.01	36.16	2.00	0.00	1.00	0.00
9.02	36.10	2.00	0.00	1.00	0.00	9.03	36.01	2.00	0.00	1.00	0.00
9.04	36.02	2.00	0.00	1.00	0.00	9.05	36.12	2.00	0.00	1.00	0.00
9.06	36.25	2.00	0.00	1.00	0.00	9.07	36.38	2.00	0.00	1.00	0.00
9.08	36.41	2.00	0.00	1.00	0.00	9.09	36.40	2.00	0.00	1.00	0.00
9.10	36.31	2.00	0.00	1.00	0.00	9.11	36.35	2.00	0.00	1.00	0.00
9.12	36.58	2.00	0.00	1.00	0.00	9.13	36.85	2.00	0.00	1.00	0.00
9.14	37.15	2.00	0.00	1.00	0.00	9.15	37.34	2.00	0.00	1.00	0.00
9.16	37.49	2.00	0.00	1.00	0.00	9.17	37.36	2.00	0.00	1.00	0.00
9.18	37.02	2.00	0.00	1.00	0.00	9.19	36.65	2.00	0.00	1.00	0.00
9.20	36.39	2.00	0.00	1.00	0.00	9.21	36.31	2.00	0.00	1.00	0.00
9.22	36.19	2.00	0.00	1.00	0.00	9.23	36.19	2.00	0.00	1.00	0.00
9.24	36.27	2.00	0.00	1.00	0.00	9.25	36.51	2.00	0.00	1.00	0.00
9.26	36.80	2.00	0.00	1.00	0.00	9.27	36.93	2.00	0.00	1.00	0.00
9.28	37.30	2.00	0.00	1.00	0.00	9.29	37.72	2.00	0.00	1.00	0.00
9.30	38.48	2.00	0.00	1.00	0.00	9.31	39.49	2.00	0.00	1.00	0.00
9.32	40.58	2.00	0.00	1.00	0.00	9.33	41.61	2.00	0.00	1.00	0.00
9.34	42.70	2.00	0.00	1.00	0.00	9.35	43.82	2.00	0.00	1.00	0.00
9.36	44.96	2.00	0.00	1.00	0.00	9.37	46.01	2.00	0.00	1.00	0.00
9.38	46.97	2.00	0.00	1.00	0.00	9.39	47.88	2.00	0.00	1.00	0.00
9.40	48.55	2.00	0.00	1.00	0.00	9.41	49.03	2.00	0.00	1.00	0.00
9.42	49.20	2.00	0.00	1.00	0.00	9.43	48.99	2.00	0.00	1.00	0.00
9.44	48.67	2.00	0.00	1.00	0.00	9.45	48.35	2.00	0.00	1.00	0.00
9.46	48.19	2.00	0.00	1.00	0.00	9.47	48.02	2.00	0.00	1.00	0.00
9.48	47.64	2.00	0.00	1.00	0.00	9.49	46.71	2.00	0.00	1.00	0.00
9.50	45.59	2.00	0.00	1.00	0.00	9.51	44.42	2.00	0.00	1.00	0.00
9.52	43.67	2.00	0.00	1.00	0.00	9.53	43.20	2.00	0.00	1.00	0.00
9.54	42.92	2.00	0.00	1.00	0.00	9.55	42.56	2.00	0.00	1.00	0.00
9.56	42.11	2.00	0.00	1.00	0.00	9.57	41.57	2.00	0.00	1.00	0.00
9.58	41.05	2.00	0.00	1.00	0.00	9.59	40.60	2.00	0.00	1.00	0.00
9.60	40.07	2.00	0.00	1.00	0.00	9.61	39.70	2.00	0.00	1.00	0.00
9.62	39.30	2.00	0.00	1.00	0.00	9.63	39.42	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	39.70	2.00	0.00	1.00	0.00	9.65	40.08	2.00	0.00	1.00	0.00
9.66	40.20	2.00	0.00	1.00	0.00	9.67	40.21	2.00	0.00	1.00	0.00
9.68	40.17	2.00	0.00	1.00	0.00	9.69	40.52	2.00	0.00	1.00	0.00
9.70	41.07	2.00	0.00	1.00	0.00	9.71	41.73	2.00	0.00	1.00	0.00
9.72	42.20	2.00	0.00	1.00	0.00	9.73	42.61	2.00	0.00	1.00	0.00
9.74	42.90	2.00	0.00	1.00	0.00	9.75	43.20	2.00	0.00	1.00	0.00
9.76	43.53	2.00	0.00	1.00	0.00	9.77	43.95	2.00	0.00	1.00	0.00
9.78	44.37	2.00	0.00	1.00	0.00	9.79	44.58	2.00	0.00	1.00	0.00
9.80	44.72	2.00	0.00	1.00	0.00	9.81	44.69	2.00	0.00	1.00	0.00
9.82	44.64	2.00	0.00	1.00	0.00	9.83	44.36	2.00	0.00	1.00	0.00
9.84	44.12	2.00	0.00	1.00	0.00	9.85	43.94	2.00	0.00	1.00	0.00
9.86	41.48	2.00	0.00	1.00	0.00	9.87	38.68	2.00	0.00	1.00	0.00
9.88	35.57	2.00	0.00	1.00	0.00	9.89	36.25	2.00	0.00	1.00	0.00
9.90	37.06	2.00	0.00	1.00	0.00	9.91	37.72	2.00	0.00	1.00	0.00
9.92	38.23	2.00	0.00	1.00	0.00	9.93	38.70	2.00	0.00	1.00	0.00
9.94	39.37	2.00	0.00	1.00	0.00	9.95	40.27	2.00	0.00	1.00	0.00
9.96	40.93	2.00	0.00	1.00	0.00	9.97	41.30	2.00	0.00	1.00	0.00
9.98	41.44	2.00	0.00	1.00	0.00	9.99	41.69	2.00	0.00	1.00	0.00
10.00	42.06	2.00	0.00	1.00	0.00	10.01	42.49	2.00	0.00	1.00	0.00
10.02	42.67	2.00	0.00	1.00	0.00	10.03	42.71	2.00	0.00	1.00	0.00
10.04	42.64	2.00	0.00	1.00	0.00	10.05	42.62	2.00	0.00	1.00	0.00
10.06	42.61	2.00	0.00	1.00	0.00	10.07	42.57	2.00	0.00	1.00	0.00
10.08	42.51	2.00	0.00	1.00	0.00	10.09	42.43	2.00	0.00	1.00	0.00
10.10	42.25	2.00	0.00	1.00	0.00	10.11	42.00	2.00	0.00	1.00	0.00
10.12	41.56	2.00	0.00	1.00	0.00	10.13	41.01	2.00	0.00	1.00	0.00
10.14	40.41	2.00	0.00	1.00	0.00	10.15	39.93	2.00	0.00	1.00	0.00
10.16	39.58	2.00	0.00	1.00	0.00	10.17	39.34	2.00	0.00	1.00	0.00
10.18	39.21	2.00	0.00	1.00	0.00	10.19	39.40	2.00	0.00	1.00	0.00
10.20	39.61	2.00	0.00	1.00	0.00	10.21	39.93	2.00	0.00	1.00	0.00
10.22	40.09	2.00	0.00	1.00	0.00	10.23	40.29	2.00	0.00	1.00	0.00
10.24	40.36	2.00	0.00	1.00	0.00	10.25	40.43	2.00	0.00	1.00	0.00
10.26	40.48	2.00	0.00	1.00	0.00	10.27	40.68	2.00	0.00	1.00	0.00
10.28	40.91	2.00	0.00	1.00	0.00	10.29	41.12	2.00	0.00	1.00	0.00
10.30	41.17	2.00	0.00	1.00	0.00	10.31	41.15	2.00	0.00	1.00	0.00
10.32	41.16	2.00	0.00	1.00	0.00	10.33	41.11	2.00	0.00	1.00	0.00
10.34	40.87	2.00	0.00	1.00	0.00	10.35	40.54	2.00	0.00	1.00	0.00
10.36	40.31	2.00	0.00	1.00	0.00	10.37	40.36	2.00	0.00	1.00	0.00
10.38	40.48	2.00	0.00	1.00	0.00	10.39	40.56	2.00	0.00	1.00	0.00
10.40	40.60	2.00	0.00	1.00	0.00	10.41	40.53	2.00	0.00	1.00	0.00
10.42	40.36	2.00	0.00	1.00	0.00	10.43	40.08	2.00	0.00	1.00	0.00
10.44	39.83	2.00	0.00	1.00	0.00	10.45	39.62	2.00	0.00	1.00	0.00
10.46	39.50	2.00	0.00	1.00	0.00	10.47	39.38	2.00	0.00	1.00	0.00
10.48	39.28	2.00	0.00	1.00	0.00	10.49	39.16	2.00	0.00	1.00	0.00
10.50	39.06	2.00	0.00	1.00	0.00	10.51	38.91	2.00	0.00	1.00	0.00
10.52	38.70	2.00	0.00	1.00	0.00	10.53	38.50	2.00	0.00	1.00	0.00
10.54	38.31	2.00	0.00	1.00	0.00	10.55	38.22	2.00	0.00	1.00	0.00
10.56	38.14	2.00	0.00	1.00	0.00	10.57	38.14	2.00	0.00	1.00	0.00
10.58	38.16	2.00	0.00	1.00	0.00	10.59	38.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	38.17	2.00	0.00	1.00	0.00	10.61	38.22	2.00	0.00	1.00	0.00
10.62	38.26	2.00	0.00	1.00	0.00	10.63	38.25	2.00	0.00	1.00	0.00
10.64	38.18	2.00	0.00	1.00	0.00	10.65	38.13	2.00	0.00	1.00	0.00
10.66	38.09	2.00	0.00	1.00	0.00	10.67	38.08	2.00	0.00	1.00	0.00
10.68	38.07	2.00	0.00	1.00	0.00	10.69	38.09	2.00	0.00	1.00	0.00
10.70	38.11	2.00	0.00	1.00	0.00	10.71	38.13	2.00	0.00	1.00	0.00
10.72	38.10	2.00	0.00	1.00	0.00	10.73	38.08	2.00	0.00	1.00	0.00
10.74	38.05	2.00	0.00	1.00	0.00	10.75	38.06	2.00	0.00	1.00	0.00
10.76	38.09	2.00	0.00	1.00	0.00	10.77	38.14	2.00	0.00	1.00	0.00
10.78	38.13	2.00	0.00	1.00	0.00	10.79	38.03	2.00	0.00	1.00	0.00
10.80	37.88	2.00	0.00	1.00	0.00	10.81	37.72	2.00	0.00	1.00	0.00
10.82	37.62	2.00	0.00	1.00	0.00	10.83	37.52	2.00	0.00	1.00	0.00
10.84	37.46	2.00	0.00	1.00	0.00	10.85	37.40	2.00	0.00	1.00	0.00
10.86	35.22	2.00	0.00	1.00	0.00	10.87	33.03	2.00	0.00	1.00	0.00
10.88	30.59	2.00	0.00	1.00	0.00	10.89	31.18	2.00	0.00	1.00	0.00
10.90	31.50	2.00	0.00	1.00	0.00	10.91	31.84	2.00	0.00	1.00	0.00
10.92	32.15	2.00	0.00	1.00	0.00	10.93	32.67	2.00	0.00	1.00	0.00
10.94	33.22	2.00	0.00	1.00	0.00	10.95	33.85	2.00	0.00	1.00	0.00
10.96	34.46	2.00	0.00	1.00	0.00	10.97	34.99	2.00	0.00	1.00	0.00
10.98	35.45	2.00	0.00	1.00	0.00	10.99	35.69	2.00	0.00	1.00	0.00
11.00	35.99	2.00	0.00	1.00	0.00	11.01	36.32	2.00	0.00	1.00	0.00
11.02	36.56	2.00	0.00	1.00	0.00	11.03	36.59	2.00	0.00	1.00	0.00
11.04	36.49	2.00	0.00	1.00	0.00	11.05	36.46	2.00	0.00	1.00	0.00
11.06	36.51	2.00	0.00	1.00	0.00	11.07	36.49	2.00	0.00	1.00	0.00
11.08	36.42	2.00	0.00	1.00	0.00	11.09	36.28	2.00	0.00	1.00	0.00
11.10	36.30	2.00	0.00	1.00	0.00	11.11	36.38	2.00	0.00	1.00	0.00
11.12	36.44	2.00	0.00	1.00	0.00	11.13	36.37	2.00	0.00	1.00	0.00
11.14	36.30	2.00	0.00	1.00	0.00	11.15	36.29	2.00	0.00	1.00	0.00
11.16	36.28	2.00	0.00	1.00	0.00	11.17	36.27	2.00	0.00	1.00	0.00
11.18	36.26	2.00	0.00	1.00	0.00	11.19	36.28	2.00	0.00	1.00	0.00
11.20	36.18	2.00	0.00	1.00	0.00	11.21	36.08	2.00	0.00	1.00	0.00
11.22	36.01	2.00	0.00	1.00	0.00	11.23	36.00	2.00	0.00	1.00	0.00
11.24	35.93	2.00	0.00	1.00	0.00	11.25	35.77	2.00	0.00	1.00	0.00
11.26	35.73	2.00	0.00	1.00	0.00	11.27	35.78	2.00	0.00	1.00	0.00
11.28	36.05	2.00	0.00	1.00	0.00	11.29	36.22	2.00	0.00	1.00	0.00
11.30	36.42	2.00	0.00	1.00	0.00	11.31	36.51	2.00	0.00	1.00	0.00
11.32	36.64	2.00	0.00	1.00	0.00	11.33	36.80	2.00	0.00	1.00	0.00
11.34	37.06	2.00	0.00	1.00	0.00	11.35	37.42	2.00	0.00	1.00	0.00
11.36	37.76	2.00	0.00	1.00	0.00	11.37	37.76	2.00	0.00	1.00	0.00
11.38	37.76	2.00	0.00	1.00	0.00	11.39	37.82	2.00	0.00	1.00	0.00
11.40	37.91	2.00	0.00	1.00	0.00	11.41	38.26	2.00	0.00	1.00	0.00
11.42	38.54	2.00	0.00	1.00	0.00	11.43	39.03	2.00	0.00	1.00	0.00
11.44	38.95	2.00	0.00	1.00	0.00	11.45	39.04	2.00	0.00	1.00	0.00
11.46	39.25	2.00	0.00	1.00	0.00	11.47	39.58	2.00	0.00	1.00	0.00
11.48	39.87	2.00	0.00	1.00	0.00	11.49	40.15	2.00	0.00	1.00	0.00
11.50	41.21	2.00	0.00	1.00	0.00	11.51	42.51	2.00	0.00	1.00	0.00
11.52	43.77	2.00	0.00	1.00	0.00	11.53	44.59	2.00	0.00	1.00	0.00
11.54	45.19	2.00	0.00	1.00	0.00	11.55	45.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	45.60	2.00	0.00	1.00	0.00	11.57	45.63	2.00	0.00	1.00	0.00
11.58	45.86	2.00	0.00	1.00	0.00	11.59	46.15	2.00	0.00	1.00	0.00
11.60	46.36	2.00	0.00	1.00	0.00	11.61	46.39	2.00	0.00	1.00	0.00
11.62	46.37	2.00	0.00	1.00	0.00	11.63	46.12	2.00	0.00	1.00	0.00
11.64	45.35	2.00	0.00	1.00	0.00	11.65	44.83	2.00	0.00	1.00	0.00
11.66	44.40	2.00	0.00	1.00	0.00	11.67	44.42	2.00	0.00	1.00	0.00
11.68	44.51	2.00	0.00	1.00	0.00	11.69	45.07	2.00	0.00	1.00	0.00
11.70	46.04	2.00	0.00	1.00	0.00	11.71	47.21	2.00	0.00	1.00	0.00
11.72	48.31	2.00	0.00	1.00	0.00	11.73	49.36	2.00	0.00	1.00	0.00
11.74	50.84	2.00	0.00	1.00	0.00	11.75	52.46	2.00	0.00	1.00	0.00
11.76	54.34	2.00	0.00	1.00	0.00	11.77	56.54	2.00	0.00	1.00	0.00
11.78	58.82	2.00	0.00	1.00	0.00	11.79	60.95	2.00	0.00	1.00	0.00
11.80	62.73	2.00	0.00	1.00	0.00	11.81	64.72	2.00	0.00	1.00	0.00
11.82	66.53	2.00	0.00	1.00	0.00	11.83	67.60	2.00	0.00	1.00	0.00
11.84	67.87	2.00	0.00	1.00	0.00	11.85	69.35	2.00	0.00	1.00	0.00
11.86	71.76	2.00	0.00	1.00	0.00	11.87	74.89	2.00	0.00	1.00	0.00
11.88	76.91	2.00	0.00	1.00	0.00	11.89	78.35	2.00	0.00	1.00	0.00
11.90	80.08	2.00	0.00	1.00	0.00	11.91	81.68	2.00	0.00	1.00	0.00
11.92	83.07	2.00	0.00	1.00	0.00	11.93	84.18	2.00	0.00	1.00	0.00
11.94	85.58	2.00	0.00	1.00	0.00	11.95	87.21	2.00	0.00	1.00	0.00
11.96	88.75	2.00	0.00	1.00	0.00	11.97	90.03	2.00	0.00	1.00	0.00
11.98	90.87	2.00	0.00	1.00	0.00	11.99	90.83	2.00	0.00	1.00	0.00
12.00	90.43	2.00	0.00	1.00	0.00	12.01	89.96	2.00	0.00	1.00	0.00
12.02	90.04	2.00	0.00	1.00	0.00	12.03	90.30	2.00	0.00	1.00	0.00
12.04	90.58	2.00	0.00	1.00	0.00	12.05	90.42	2.00	0.00	1.00	0.00
12.06	90.00	2.00	0.00	1.00	0.00	12.07	89.36	2.00	0.00	1.00	0.00
12.08	88.75	2.00	0.00	1.00	0.00	12.09	88.34	2.00	0.00	1.00	0.00
12.10	88.15	2.00	0.00	1.00	0.00	12.11	88.01	2.00	0.00	1.00	0.00
12.12	87.70	2.00	0.00	1.00	0.00	12.13	87.51	2.00	0.00	1.00	0.00
12.14	87.32	2.00	0.00	1.00	0.00	12.15	86.63	2.00	0.00	1.00	0.00
12.16	85.64	2.00	0.00	1.00	0.00	12.17	84.45	2.00	0.00	1.00	0.00
12.18	83.39	2.00	0.00	1.00	0.00	12.19	82.11	2.00	0.00	1.00	0.00
12.20	80.76	2.00	0.00	1.00	0.00	12.21	79.66	2.00	0.00	1.00	0.00
12.22	78.41	2.00	0.00	1.00	0.00	12.23	77.04	2.00	0.00	1.00	0.00
12.24	75.55	2.00	0.00	1.00	0.00	12.25	74.34	2.00	0.00	1.00	0.00
12.26	72.89	2.00	0.00	1.00	0.00	12.27	71.32	2.00	0.00	1.00	0.00
12.28	69.77	2.00	0.00	1.00	0.00	12.29	68.40	2.00	0.00	1.00	0.00
12.30	66.92	2.00	0.00	1.00	0.00	12.31	65.21	2.00	0.00	1.00	0.00
12.32	63.25	2.00	0.00	1.00	0.00	12.33	60.97	2.00	0.00	1.00	0.00
12.34	58.82	2.00	0.00	1.00	0.00	12.35	56.96	2.00	0.00	1.00	0.00
12.36	55.68	2.00	0.00	1.00	0.00	12.37	54.49	2.00	0.00	1.00	0.00
12.38	53.24	2.00	0.00	1.00	0.00	12.39	52.04	2.00	0.00	1.00	0.00
12.40	50.97	2.00	0.00	1.00	0.00	12.41	50.12	2.00	0.00	1.00	0.00
12.42	49.96	2.00	0.00	1.00	0.00	12.43	50.34	2.00	0.00	1.00	0.00
12.44	51.05	2.00	0.00	1.00	0.00	12.45	51.53	2.00	0.00	1.00	0.00
12.46	51.70	2.00	0.00	1.00	0.00	12.47	52.19	2.00	0.00	1.00	0.00
12.48	52.99	2.00	0.00	1.00	0.00	12.49	54.17	2.00	0.00	1.00	0.00
12.50	55.30	2.00	0.00	1.00	0.00	12.51	56.12	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	56.93	2.00	0.00	1.00	0.00	12.53	57.55	2.00	0.00	1.00	0.00
12.54	58.20	2.00	0.00	1.00	0.00	12.55	58.62	2.00	0.00	1.00	0.00
12.56	59.25	0.45	3.59	1.00	0.04	12.57	61.22	0.46	3.49	1.00	0.03
12.58	63.64	0.47	3.38	1.00	0.03	12.59	66.20	0.49	3.28	1.00	0.03
12.60	68.68	0.50	3.18	1.00	0.03	12.61	71.14	2.00	0.00	1.00	0.00
12.62	73.83	2.00	0.00	1.00	0.00	12.63	75.97	2.00	0.00	1.00	0.00
12.64	79.25	2.00	0.00	1.00	0.00	12.65	82.12	2.00	0.00	1.00	0.00
12.66	84.86	2.00	0.00	1.00	0.00	12.67	88.01	2.00	0.00	1.00	0.00
12.68	91.60	2.00	0.00	1.00	0.00	12.69	95.44	2.00	0.00	1.00	0.00
12.70	98.24	2.00	0.00	1.00	0.00	12.71	100.42	2.00	0.00	1.00	0.00
12.72	102.26	2.00	0.00	1.00	0.00	12.73	104.45	2.00	0.00	1.00	0.00
12.74	107.63	2.00	0.00	1.00	0.00	12.75	111.22	2.00	0.00	1.00	0.00
12.76	114.28	2.00	0.00	1.00	0.00	12.77	117.25	2.00	0.00	1.00	0.00
12.78	119.75	2.00	0.00	1.00	0.00	12.79	121.94	2.00	0.00	1.00	0.00
12.80	122.46	2.00	0.00	1.00	0.00	12.81	122.24	2.00	0.00	1.00	0.00
12.82	121.47	2.00	0.00	1.00	0.00	12.83	121.14	2.00	0.00	1.00	0.00
12.84	121.03	2.00	0.00	1.00	0.00	12.85	123.02	2.00	0.00	1.00	0.00
12.86	125.33	2.00	0.00	1.00	0.00	12.87	127.83	2.00	0.00	1.00	0.00
12.88	128.40	2.00	0.00	1.00	0.00	12.89	128.72	2.00	0.00	1.00	0.00
12.90	129.16	2.00	0.00	1.00	0.00	12.91	129.29	2.00	0.00	1.00	0.00
12.92	129.70	2.00	0.00	1.00	0.00	12.93	129.88	2.00	0.00	1.00	0.00
12.94	130.71	2.00	0.00	1.00	0.00	12.95	132.14	2.00	0.00	1.00	0.00
12.96	134.16	2.00	0.00	1.00	0.00	12.97	135.87	2.00	0.00	1.00	0.00
12.98	136.88	2.00	0.00	1.00	0.00	12.99	137.31	2.00	0.00	1.00	0.00
13.00	137.55	2.00	0.00	1.00	0.00	13.01	137.42	2.00	0.00	1.00	0.00
13.02	136.95	2.00	0.00	1.00	0.00	13.03	136.32	2.00	0.00	1.00	0.00
13.04	135.49	2.00	0.00	1.00	0.00	13.05	134.48	2.00	0.00	1.00	0.00
13.06	132.97	2.00	0.00	1.00	0.00	13.07	130.31	2.00	0.00	1.00	0.00
13.08	126.80	2.00	0.00	1.00	0.00	13.09	122.91	2.00	0.00	1.00	0.00
13.10	119.28	2.00	0.00	1.00	0.00	13.11	113.92	2.00	0.00	1.00	0.00
13.12	107.79	2.00	0.00	1.00	0.00	13.13	101.48	2.00	0.00	1.00	0.00
13.14	95.68	2.00	0.00	1.00	0.00	13.15	90.31	2.00	0.00	1.00	0.00
13.16	85.34	2.00	0.00	1.00	0.00	13.17	81.53	2.00	0.00	1.00	0.00
13.18	78.24	2.00	0.00	1.00	0.00	13.19	76.29	2.00	0.00	1.00	0.00
13.20	76.23	2.00	0.00	1.00	0.00	13.21	76.45	2.00	0.00	1.00	0.00
13.22	75.88	2.00	0.00	1.00	0.00	13.23	74.49	2.00	0.00	1.00	0.00
13.24	73.87	2.00	0.00	1.00	0.00	13.25	74.88	2.00	0.00	1.00	0.00
13.26	77.70	2.00	0.00	1.00	0.00	13.27	83.10	2.00	0.00	1.00	0.00
13.28	88.32	2.00	0.00	1.00	0.00	13.29	92.80	2.00	0.00	1.00	0.00
13.30	95.51	2.00	0.00	1.00	0.00	13.31	97.37	2.00	0.00	1.00	0.00
13.32	98.42	2.00	0.00	1.00	0.00	13.33	98.08	2.00	0.00	1.00	0.00
13.34	97.81	2.00	0.00	1.00	0.00	13.35	98.25	2.00	0.00	1.00	0.00
13.36	99.71	2.00	0.00	1.00	0.00	13.37	101.93	2.00	0.00	1.00	0.00
13.38	103.52	2.00	0.00	1.00	0.00	13.39	104.33	2.00	0.00	1.00	0.00
13.40	103.91	2.00	0.00	1.00	0.00	13.41	103.40	2.00	0.00	1.00	0.00
13.42	102.71	2.00	0.00	1.00	0.00	13.43	101.03	2.00	0.00	1.00	0.00
13.44	98.66	2.00	0.00	1.00	0.00	13.45	96.20	2.00	0.00	1.00	0.00
13.46	94.91	2.00	0.00	1.00	0.00	13.47	94.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	93.73	2.00	0.00	1.00	0.00	13.49	92.48	2.00	0.00	1.00	0.00
13.50	90.71	2.00	0.00	1.00	0.00	13.51	87.86	2.00	0.00	1.00	0.00
13.52	82.76	2.00	0.00	1.00	0.00	13.53	77.16	0.59	2.89	1.00	0.03
13.54	72.21	0.55	3.05	1.00	0.03	13.55	71.17	0.54	3.09	1.00	0.03
13.56	71.57	0.55	3.07	1.00	0.03	13.57	72.93	0.56	3.03	1.00	0.03
13.58	75.00	0.57	2.96	1.00	0.03	13.59	76.94	0.59	2.90	1.00	0.03
13.60	77.24	0.59	2.89	1.00	0.03	13.61	75.39	0.58	2.95	1.00	0.03
13.62	72.64	2.00	0.00	1.00	0.00	13.63	70.74	2.00	0.00	1.00	0.00
13.64	69.78	2.00	0.00	1.00	0.00	13.65	69.66	2.00	0.00	1.00	0.00
13.66	70.31	2.00	0.00	1.00	0.00	13.67	71.17	0.55	3.09	1.00	0.03
13.68	71.97	0.55	3.06	1.00	0.03	13.69	73.29	0.56	3.01	1.00	0.03
13.70	75.04	0.57	2.96	1.00	0.03	13.71	77.47	0.59	2.88	1.00	0.03
13.72	79.50	0.61	2.82	1.00	0.03	13.73	80.52	0.62	2.79	1.00	0.03
13.74	80.28	2.00	0.00	1.00	0.00	13.75	79.00	2.00	0.00	1.00	0.00
13.76	78.27	2.00	0.00	1.00	0.00	13.77	78.55	2.00	0.00	1.00	0.00
13.78	80.49	2.00	0.00	1.00	0.00	13.79	82.54	0.64	2.73	1.00	0.03
13.80	84.45	0.66	2.68	1.00	0.03	13.81	86.41	0.68	2.63	1.00	0.03
13.82	88.46	0.70	2.58	1.00	0.03	13.83	90.01	0.72	2.55	1.00	0.03
13.84	90.49	0.72	2.54	1.00	0.03	13.85	91.47	0.73	2.51	1.00	0.03
13.86	92.81	0.75	2.48	1.00	0.02	13.87	94.10	0.77	2.22	1.00	0.02
13.88	94.60	0.77	2.20	1.00	0.02	13.89	95.03	0.78	2.19	1.00	0.02
13.90	94.66	0.77	2.20	1.00	0.02	13.91	92.64	0.75	2.49	1.00	0.02
13.92	89.44	0.71	2.56	1.00	0.03	13.93	86.16	0.68	2.64	1.00	0.03
13.94	83.46	0.65	2.71	1.00	0.03	13.95	80.50	2.00	0.00	1.00	0.00
13.96	78.50	2.00	0.00	1.00	0.00	13.97	79.12	2.00	0.00	1.00	0.00
13.98	82.05	2.00	0.00	1.00	0.00	13.99	85.50	2.00	0.00	1.00	0.00
14.00	87.40	2.00	0.00	1.00	0.00	14.01	88.51	2.00	0.00	1.00	0.00
14.02	89.23	2.00	0.00	1.00	0.00	14.03	89.62	2.00	0.00	1.00	0.00
14.04	89.06	2.00	0.00	1.00	0.00	14.05	86.65	2.00	0.00	1.00	0.00
14.06	84.00	2.00	0.00	1.00	0.00	14.07	82.10	0.65	2.75	1.00	0.03
14.08	82.68	0.65	2.73	1.00	0.03	14.09	84.20	0.67	2.69	1.00	0.03
14.10	86.24	0.69	2.64	1.00	0.03	14.11	87.94	0.70	2.60	1.00	0.03
14.12	89.42	0.72	2.56	1.00	0.03	14.13	90.17	0.73	2.54	1.00	0.03
14.14	89.12	0.72	2.57	1.00	0.03	14.15	85.31	0.68	2.66	1.00	0.03
14.16	79.83	0.63	2.81	1.00	0.03	14.17	75.77	0.59	2.93	1.00	0.03
14.18	75.13	0.59	2.95	1.00	0.03	14.19	78.32	0.62	2.86	1.00	0.03
14.20	81.47	0.64	2.76	1.00	0.03	14.21	84.22	0.67	2.69	1.00	0.03
14.22	84.43	0.67	2.68	1.00	0.03	14.23	83.97	0.67	2.70	1.00	0.03
14.24	83.56	0.66	2.71	1.00	0.03	14.25	85.11	2.00	0.00	1.00	0.00
14.26	87.15	2.00	0.00	1.00	0.00	14.27	88.77	2.00	0.00	1.00	0.00
14.28	88.92	2.00	0.00	1.00	0.00	14.29	88.03	2.00	0.00	1.00	0.00
14.30	85.88	2.00	0.00	1.00	0.00	14.31	83.16	2.00	0.00	1.00	0.00
14.32	81.22	2.00	0.00	1.00	0.00	14.33	81.11	2.00	0.00	1.00	0.00
14.34	82.00	2.00	0.00	1.00	0.00	14.35	81.38	2.00	0.00	1.00	0.00
14.36	80.42	2.00	0.00	1.00	0.00	14.37	80.04	2.00	0.00	1.00	0.00
14.38	81.44	2.00	0.00	1.00	0.00	14.39	82.54	2.00	0.00	1.00	0.00
14.40	82.89	2.00	0.00	1.00	0.00	14.41	82.79	2.00	0.00	1.00	0.00
14.42	82.66	2.00	0.00	1.00	0.00	14.43	82.31	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	81.50	2.00	0.00	1.00	0.00	14.45	80.35	2.00	0.00	1.00	0.00
14.46	78.95	2.00	0.00	1.00	0.00	14.47	78.22	2.00	0.00	1.00	0.00
14.48	77.94	2.00	0.00	1.00	0.00	14.49	78.21	2.00	0.00	1.00	0.00
14.50	78.72	0.63	2.84	1.00	0.03	14.51	79.01	0.63	2.83	1.00	0.03
14.52	79.00	0.63	2.83	1.00	0.03	14.53	77.73	2.00	0.00	1.00	0.00
14.54	76.61	2.00	0.00	1.00	0.00	14.55	75.76	2.00	0.00	1.00	0.00
14.56	76.23	2.00	0.00	1.00	0.00	14.57	76.98	2.00	0.00	1.00	0.00
14.58	77.45	2.00	0.00	1.00	0.00	14.59	77.11	2.00	0.00	1.00	0.00
14.60	75.90	2.00	0.00	1.00	0.00	14.61	74.22	2.00	0.00	1.00	0.00
14.62	73.83	2.00	0.00	1.00	0.00	14.63	75.07	2.00	0.00	1.00	0.00
14.64	77.42	2.00	0.00	1.00	0.00	14.65	79.27	2.00	0.00	1.00	0.00
14.66	79.87	2.00	0.00	1.00	0.00	14.67	79.64	2.00	0.00	1.00	0.00
14.68	78.54	2.00	0.00	1.00	0.00	14.69	77.27	2.00	0.00	1.00	0.00
14.70	75.82	2.00	0.00	1.00	0.00	14.71	73.82	2.00	0.00	1.00	0.00
14.72	71.77	2.00	0.00	1.00	0.00	14.73	69.91	2.00	0.00	1.00	0.00
14.74	68.96	2.00	0.00	1.00	0.00	14.75	68.39	2.00	0.00	1.00	0.00
14.76	68.62	2.00	0.00	1.00	0.00	14.77	69.36	2.00	0.00	1.00	0.00
14.78	71.22	2.00	0.00	1.00	0.00	14.79	73.13	2.00	0.00	1.00	0.00
14.80	75.72	2.00	0.00	1.00	0.00	14.81	78.25	2.00	0.00	1.00	0.00
14.82	80.11	2.00	0.00	1.00	0.00	14.83	81.03	2.00	0.00	1.00	0.00
14.84	81.03	2.00	0.00	1.00	0.00	14.85	83.50	2.00	0.00	1.00	0.00
14.86	85.88	2.00	0.00	1.00	0.00	14.87	88.30	2.00	0.00	1.00	0.00
14.88	88.85	2.00	0.00	1.00	0.00	14.89	90.03	0.76	2.37	1.00	0.02
14.90	91.25	0.77	2.32	1.00	0.02	14.91	90.78	0.76	2.34	1.00	0.02
14.92	89.31	0.75	2.56	1.00	0.03	14.93	87.56	0.73	2.61	1.00	0.03
14.94	85.82	0.71	2.65	1.00	0.03	14.95	84.31	0.70	2.69	1.00	0.03
14.96	83.03	0.68	2.72	1.00	0.03	14.97	80.01	0.65	2.81	1.00	0.03
14.98	76.28	0.62	2.92	1.00	0.03	14.99	71.83	0.59	3.06	1.00	0.03
15.00	68.56	0.56	3.18	1.00	0.03	15.01	65.93	2.00	0.00	1.00	0.00
15.02	63.65	2.00	0.00	1.00	0.00	15.03	62.52	2.00	0.00	1.00	0.00
15.04	61.58	2.00	0.00	1.00	0.00	15.05	62.22	2.00	0.00	1.00	0.00
15.06	63.93	2.00	0.00	1.00	0.00	15.07	66.46	2.00	0.00	1.00	0.00
15.08	68.98	2.00	0.00	1.00	0.00	15.09	71.23	2.00	0.00	1.00	0.00
15.10	73.09	2.00	0.00	1.00	0.00	15.11	74.35	2.00	0.00	1.00	0.00
15.12	75.67	2.00	0.00	1.00	0.00	15.13	77.38	2.00	0.00	1.00	0.00
15.14	79.56	2.00	0.00	1.00	0.00	15.15	82.43	2.00	0.00	1.00	0.00
15.16	86.41	2.00	0.00	1.00	0.00	15.17	89.51	2.00	0.00	1.00	0.00
15.18	91.11	2.00	0.00	1.00	0.00	15.19	90.37	2.00	0.00	1.00	0.00
15.20	89.62	2.00	0.00	1.00	0.00	15.21	90.30	2.00	0.00	1.00	0.00
15.22	91.87	2.00	0.00	1.00	0.00	15.23	93.20	2.00	0.00	1.00	0.00
15.24	93.60	2.00	0.00	1.00	0.00	15.25	92.96	2.00	0.00	1.00	0.00
15.26	91.87	2.00	0.00	1.00	0.00	15.27	90.79	2.00	0.00	1.00	0.00
15.28	87.29	2.00	0.00	1.00	0.00	15.29	83.23	2.00	0.00	1.00	0.00
15.30	78.93	2.00	0.00	1.00	0.00	15.31	77.09	2.00	0.00	1.00	0.00
15.32	76.06	2.00	0.00	1.00	0.00	15.33	75.93	2.00	0.00	1.00	0.00
15.34	64.84	2.00	0.00	1.00	0.00	15.35	66.24	2.00	0.00	1.00	0.00
15.36	66.91	2.00	0.00	1.00	0.00	15.37	78.71	2.00	0.00	1.00	0.00
15.38	78.73	2.00	0.00	1.00	0.00	15.39	78.51	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	78.10	2.00	0.00	1.00	0.00	15.41	77.15	2.00	0.00	1.00	0.00
15.42	76.15	2.00	0.00	1.00	0.00	15.43	75.20	2.00	0.00	1.00	0.00
15.44	74.85	2.00	0.00	1.00	0.00	15.45	74.59	2.00	0.00	1.00	0.00
15.46	74.43	2.00	0.00	1.00	0.00	15.47	74.38	2.00	0.00	1.00	0.00
15.48	74.33	2.00	0.00	1.00	0.00	15.49	74.31	2.00	0.00	1.00	0.00
15.50	74.33	2.00	0.00	1.00	0.00	15.51	74.39	2.00	0.00	1.00	0.00
15.52	74.53	2.00	0.00	1.00	0.00	15.53	74.68	2.00	0.00	1.00	0.00
15.54	74.93	2.00	0.00	1.00	0.00	15.55	75.34	2.00	0.00	1.00	0.00
15.56	75.95	2.00	0.00	1.00	0.00	15.57	76.72	2.00	0.00	1.00	0.00
15.58	66.41	2.00	0.00	1.00	0.00	15.59	68.72	2.00	0.00	1.00	0.00
15.60	71.30	2.00	0.00	1.00	0.00	15.61	74.57	2.00	0.00	1.00	0.00
15.62	78.20	2.00	0.00	1.00	0.00	15.63	82.13	2.00	0.00	1.00	0.00
15.64	86.36	2.00	0.00	1.00	0.00	15.65	90.58	2.00	0.00	1.00	0.00
15.66	94.73	2.00	0.00	1.00	0.00	15.67	98.72	2.00	0.00	1.00	0.00
15.68	102.64	2.00	0.00	1.00	0.00	15.69	107.72	2.00	0.00	1.00	0.00
15.70	111.88	2.00	0.00	1.00	0.00	15.71	116.35	2.00	0.00	1.00	0.00
15.72	119.22	2.00	0.00	1.00	0.00	15.73	121.20	2.00	0.00	1.00	0.00
15.74	121.57	2.00	0.00	1.00	0.00	15.75	121.03	2.00	0.00	1.00	0.00
15.76	119.91	2.00	0.00	1.00	0.00	15.77	118.71	2.00	0.00	1.00	0.00
15.78	116.87	2.00	0.00	1.00	0.00	15.79	114.86	2.00	0.00	1.00	0.00
15.80	112.36	2.00	0.00	1.00	0.00	15.81	110.70	2.00	0.00	1.00	0.00
15.82	109.63	2.00	0.00	1.00	0.00	15.83	109.42	2.00	0.00	1.00	0.00
15.84	109.19	2.00	0.00	1.00	0.00	15.85	109.03	2.00	0.00	1.00	0.00
15.86	108.86	2.00	0.00	1.00	0.00	15.87	108.78	2.00	0.00	1.00	0.00
15.88	108.15	2.00	0.00	1.00	0.00	15.89	106.93	2.00	0.00	1.00	0.00
15.90	105.10	2.00	0.00	1.00	0.00	15.91	101.90	2.00	0.00	1.00	0.00
15.92	98.30	2.00	0.00	1.00	0.00	15.93	94.38	2.00	0.00	1.00	0.00
15.94	90.76	2.00	0.00	1.00	0.00	15.95	87.47	2.00	0.00	1.00	0.00
15.96	84.59	2.00	0.00	1.00	0.00	15.97	82.29	2.00	0.00	1.00	0.00
15.98	89.90	2.00	0.00	1.00	0.00	15.99	88.45	2.00	0.00	1.00	0.00
16.00	86.85	2.00	0.00	1.00	0.00	16.01	85.15	2.00	0.00	1.00	0.00
16.02	83.28	2.00	0.00	1.00	0.00	16.03	81.68	2.00	0.00	1.00	0.00
16.04	79.48	2.00	0.00	1.00	0.00	16.05	77.33	2.00	0.00	1.00	0.00
16.06	75.35	2.00	0.00	1.00	0.00	16.07	74.04	2.00	0.00	1.00	0.00
16.08	72.54	2.00	0.00	1.00	0.00	16.09	71.27	2.00	0.00	1.00	0.00
16.10	70.25	2.00	0.00	1.00	0.00	16.11	69.42	2.00	0.00	1.00	0.00
16.12	68.62	2.00	0.00	1.00	0.00	16.13	67.79	2.00	0.00	1.00	0.00
16.14	67.13	2.00	0.00	1.00	0.00	16.15	66.54	2.00	0.00	1.00	0.00
16.16	66.03	2.00	0.00	1.00	0.00	16.17	65.70	2.00	0.00	1.00	0.00
16.18	65.21	2.00	0.00	1.00	0.00	16.19	64.69	2.00	0.00	1.00	0.00
16.20	64.16	2.00	0.00	1.00	0.00	16.21	63.74	2.00	0.00	1.00	0.00
16.22	63.26	2.00	0.00	1.00	0.00	16.23	62.73	2.00	0.00	1.00	0.00
16.24	62.21	2.00	0.00	1.00	0.00	16.25	61.84	2.00	0.00	1.00	0.00
16.26	61.60	2.00	0.00	1.00	0.00	16.27	61.46	2.00	0.00	1.00	0.00
16.28	61.37	2.00	0.00	1.00	0.00	16.29	61.27	2.00	0.00	1.00	0.00
16.30	61.15	2.00	0.00	1.00	0.00	16.31	60.95	2.00	0.00	1.00	0.00
16.32	60.79	2.00	0.00	1.00	0.00	16.33	60.69	2.00	0.00	1.00	0.00
16.34	60.55	2.00	0.00	1.00	0.00	16.35	60.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.19	2.00	0.00	1.00	0.00	16.37	60.04	2.00	0.00	1.00	0.00
16.38	59.93	2.00	0.00	1.00	0.00	16.39	59.82	2.00	0.00	1.00	0.00
16.40	59.80	2.00	0.00	1.00	0.00	16.41	59.75	2.00	0.00	1.00	0.00
16.42	59.62	2.00	0.00	1.00	0.00	16.43	59.43	2.00	0.00	1.00	0.00
16.44	59.20	2.00	0.00	1.00	0.00	16.45	59.01	2.00	0.00	1.00	0.00
16.46	58.86	2.00	0.00	1.00	0.00	16.47	58.75	2.00	0.00	1.00	0.00
16.48	58.65	2.00	0.00	1.00	0.00	16.49	58.60	2.00	0.00	1.00	0.00
16.50	58.59	2.00	0.00	1.00	0.00	16.51	58.46	2.00	0.00	1.00	0.00
16.52	58.26	2.00	0.00	1.00	0.00	16.53	58.06	2.00	0.00	1.00	0.00
16.54	57.98	2.00	0.00	1.00	0.00	16.55	57.92	2.00	0.00	1.00	0.00
16.56	57.84	2.00	0.00	1.00	0.00	16.57	57.84	2.00	0.00	1.00	0.00
16.58	57.90	2.00	0.00	1.00	0.00	16.59	58.05	2.00	0.00	1.00	0.00
16.60	58.26	2.00	0.00	1.00	0.00	16.61	58.49	2.00	0.00	1.00	0.00
16.62	58.63	2.00	0.00	1.00	0.00	16.63	58.65	2.00	0.00	1.00	0.00
16.64	58.64	2.00	0.00	1.00	0.00	16.65	58.64	2.00	0.00	1.00	0.00
16.66	58.58	2.00	0.00	1.00	0.00	16.67	58.47	2.00	0.00	1.00	0.00
16.68	58.32	2.00	0.00	1.00	0.00	16.69	58.21	2.00	0.00	1.00	0.00
16.70	58.12	2.00	0.00	1.00	0.00	16.71	58.08	2.00	0.00	1.00	0.00
16.72	58.03	2.00	0.00	1.00	0.00	16.73	58.02	2.00	0.00	1.00	0.00
16.74	58.04	2.00	0.00	1.00	0.00	16.75	58.11	2.00	0.00	1.00	0.00
16.76	58.21	2.00	0.00	1.00	0.00	16.77	58.33	2.00	0.00	1.00	0.00
16.78	58.51	2.00	0.00	1.00	0.00	16.79	58.66	2.00	0.00	1.00	0.00
16.80	58.87	2.00	0.00	1.00	0.00	16.81	42.89	2.00	0.00	1.00	0.00
16.82	43.12	2.00	0.00	1.00	0.00	16.83	43.19	2.00	0.00	1.00	0.00
16.84	43.73	2.00	0.00	1.00	0.00	16.85	44.56	2.00	0.00	1.00	0.00
16.86	45.92	2.00	0.00	1.00	0.00	16.87	47.03	2.00	0.00	1.00	0.00
16.88	48.18	2.00	0.00	1.00	0.00	16.89	49.51	2.00	0.00	1.00	0.00
16.90	50.94	2.00	0.00	1.00	0.00	16.91	52.43	2.00	0.00	1.00	0.00
16.92	54.05	2.00	0.00	1.00	0.00	16.93	55.67	2.00	0.00	1.00	0.00
16.94	57.27	2.00	0.00	1.00	0.00	16.95	58.69	2.00	0.00	1.00	0.00
16.96	60.01	2.00	0.00	1.00	0.00	16.97	61.38	2.00	0.00	1.00	0.00
16.98	62.76	2.00	0.00	1.00	0.00	16.99	64.17	2.00	0.00	1.00	0.00
17.00	65.41	2.00	0.00	1.00	0.00	17.01	66.46	2.00	0.00	1.00	0.00
17.02	67.37	2.00	0.00	1.00	0.00	17.03	68.35	2.00	0.00	1.00	0.00
17.04	69.39	2.00	0.00	1.00	0.00	17.05	70.44	2.00	0.00	1.00	0.00
17.06	71.38	2.00	0.00	1.00	0.00	17.07	72.06	2.00	0.00	1.00	0.00
17.08	73.00	2.00	0.00	1.00	0.00	17.09	73.94	2.00	0.00	1.00	0.00
17.10	74.82	2.00	0.00	1.00	0.00	17.11	75.57	2.00	0.00	1.00	0.00
17.12	76.29	2.00	0.00	1.00	0.00	17.13	76.87	2.00	0.00	1.00	0.00
17.14	77.08	2.00	0.00	1.00	0.00	17.15	77.00	2.00	0.00	1.00	0.00
17.16	76.74	2.00	0.00	1.00	0.00	17.17	76.09	2.00	0.00	1.00	0.00
17.18	74.83	2.00	0.00	1.00	0.00	17.19	73.31	2.00	0.00	1.00	0.00
17.20	72.22	2.00	0.00	1.00	0.00	17.21	72.11	2.00	0.00	1.00	0.00
17.22	72.42	2.00	0.00	1.00	0.00	17.23	73.48	2.00	0.00	1.00	0.00
17.24	74.85	2.00	0.00	1.00	0.00	17.25	77.08	2.00	0.00	1.00	0.00
17.26	78.79	2.00	0.00	1.00	0.00	17.27	80.22	2.00	0.00	1.00	0.00
17.28	80.87	2.00	0.00	1.00	0.00	17.29	81.28	2.00	0.00	1.00	0.00
17.30	81.31	2.00	0.00	1.00	0.00	17.31	81.29	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	81.27	2.00	0.00	1.00	0.00	17.33	81.33	2.00	0.00	1.00	0.00
17.34	81.34	2.00	0.00	1.00	0.00	17.35	81.54	2.00	0.00	1.00	0.00
17.36	81.86	2.00	0.00	1.00	0.00	17.37	82.36	2.00	0.00	1.00	0.00
17.38	82.74	2.00	0.00	1.00	0.00	17.39	83.03	2.00	0.00	1.00	0.00
17.40	83.04	2.00	0.00	1.00	0.00	17.41	82.31	2.00	0.00	1.00	0.00
17.42	81.01	2.00	0.00	1.00	0.00	17.43	89.61	2.00	0.00	1.00	0.00
17.44	90.43	2.00	0.00	1.00	0.00	17.45	91.97	2.00	0.00	1.00	0.00
17.46	93.87	2.00	0.00	1.00	0.00	17.47	95.93	2.00	0.00	1.00	0.00
17.48	97.88	2.00	0.00	1.00	0.00	17.49	100.26	2.00	0.00	1.00	0.00
17.50	102.10	2.00	0.00	1.00	0.00	17.51	104.09	2.00	0.00	1.00	0.00
17.52	100.38	2.00	0.00	1.00	0.00	17.53	103.27	2.00	0.00	1.00	0.00
17.54	106.36	2.00	0.00	1.00	0.00	17.55	110.88	2.00	0.00	1.00	0.00
17.56	115.84	2.00	0.00	1.00	0.00	17.57	120.64	2.00	0.00	1.00	0.00
17.58	126.08	2.00	0.00	1.00	0.00	17.59	131.33	2.00	0.00	1.00	0.00
17.60	136.40	2.00	0.00	1.00	0.00	17.61	139.07	2.00	0.00	1.00	0.00
17.62	141.07	2.00	0.00	1.00	0.00	17.63	141.75	2.00	0.00	1.00	0.00
17.64	141.88	2.00	0.00	1.00	0.00	17.65	141.40	2.00	0.00	1.00	0.00
17.66	140.22	2.00	0.00	1.00	0.00	17.67	138.91	2.00	0.00	1.00	0.00
17.68	137.45	2.00	0.00	1.00	0.00	17.69	136.21	2.00	0.00	1.00	0.00
17.70	135.03	2.00	0.00	1.00	0.00	17.71	133.82	2.00	0.00	1.00	0.00
17.72	133.04	2.00	0.00	1.00	0.00	17.73	132.60	2.00	0.00	1.00	0.00
17.74	132.73	2.00	0.00	1.00	0.00	17.75	133.26	2.00	0.00	1.00	0.00
17.76	134.25	2.00	0.00	1.00	0.00	17.77	135.41	2.00	0.00	1.00	0.00
17.78	136.28	2.00	0.00	1.00	0.00	17.79	136.59	2.00	0.00	1.00	0.00
17.80	136.38	2.00	0.00	1.00	0.00	17.81	136.00	2.00	0.00	1.00	0.00
17.82	135.61	2.00	0.00	1.00	0.00	17.83	135.38	2.00	0.00	1.00	0.00
17.84	130.92	2.00	0.00	1.00	0.00	17.85	125.37	2.00	0.00	1.00	0.00
17.86	118.70	2.00	0.00	1.00	0.00	17.87	115.38	2.00	0.00	1.00	0.00
17.88	111.81	2.00	0.00	1.00	0.00	17.89	108.86	2.00	0.00	1.00	0.00
17.90	106.15	2.00	0.00	1.00	0.00	17.91	104.18	2.00	0.00	1.00	0.00
17.92	101.65	2.00	0.00	1.00	0.00	17.93	104.74	2.00	0.00	1.00	0.00
17.94	101.49	2.00	0.00	1.00	0.00	17.95	97.91	2.00	0.00	1.00	0.00
17.96	95.39	2.00	0.00	1.00	0.00	17.97	94.99	2.00	0.00	1.00	0.00
17.98	97.79	2.00	0.00	1.00	0.00	17.99	101.90	2.00	0.00	1.00	0.00
18.00	106.34	2.00	0.00	1.00	0.00	18.01	109.22	2.00	0.00	1.00	0.00
18.02	111.10	2.00	0.00	1.00	0.00	18.03	110.98	2.00	0.00	1.00	0.00
18.04	110.26	2.00	0.00	1.00	0.00	18.05	109.39	2.00	0.00	1.00	0.00
18.06	108.56	2.00	0.00	1.00	0.00	18.07	107.73	2.00	0.00	1.00	0.00
18.08	106.89	2.00	0.00	1.00	0.00	18.09	105.66	2.00	0.00	1.00	0.00
18.10	104.12	2.00	0.00	1.00	0.00	18.11	102.28	2.00	0.00	1.00	0.00
18.12	100.54	2.00	0.00	1.00	0.00	18.13	91.70	2.00	0.00	1.00	0.00
18.14	91.10	2.00	0.00	1.00	0.00	18.15	90.34	2.00	0.00	1.00	0.00
18.16	89.49	2.00	0.00	1.00	0.00	18.17	88.56	2.00	0.00	1.00	0.00
18.18	87.65	2.00	0.00	1.00	0.00	18.19	86.79	2.00	0.00	1.00	0.00
18.20	86.12	2.00	0.00	1.00	0.00	18.21	85.79	2.00	0.00	1.00	0.00
18.22	85.56	2.00	0.00	1.00	0.00	18.23	85.46	2.00	0.00	1.00	0.00
18.24	85.46	2.00	0.00	1.00	0.00	18.25	85.46	2.00	0.00	1.00	0.00
18.26	84.81	2.00	0.00	1.00	0.00	18.27	83.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	91.43	2.00	0.00	1.00	0.00	18.29	90.22	2.00	0.00	1.00	0.00
18.30	88.94	2.00	0.00	1.00	0.00	18.31	87.61	2.00	0.00	1.00	0.00
18.32	86.27	2.00	0.00	1.00	0.00	18.33	85.09	2.00	0.00	1.00	0.00
18.34	84.08	2.00	0.00	1.00	0.00	18.35	83.36	2.00	0.00	1.00	0.00
18.36	82.79	2.00	0.00	1.00	0.00	18.37	82.30	2.00	0.00	1.00	0.00
18.38	82.03	2.00	0.00	1.00	0.00	18.39	81.76	2.00	0.00	1.00	0.00
18.40	81.58	2.00	0.00	1.00	0.00	18.41	81.52	2.00	0.00	1.00	0.00
18.42	81.69	2.00	0.00	1.00	0.00	18.43	82.41	2.00	0.00	1.00	0.00
18.44	83.40	2.00	0.00	1.00	0.00	18.45	74.23	2.00	0.00	1.00	0.00
18.46	75.84	2.00	0.00	1.00	0.00	18.47	77.12	2.00	0.00	1.00	0.00
18.48	78.00	2.00	0.00	1.00	0.00	18.49	78.06	2.00	0.00	1.00	0.00
18.50	77.81	2.00	0.00	1.00	0.00	18.51	76.81	2.00	0.00	1.00	0.00
18.52	75.63	2.00	0.00	1.00	0.00	18.53	73.96	2.00	0.00	1.00	0.00
18.54	72.80	2.00	0.00	1.00	0.00	18.55	72.01	2.00	0.00	1.00	0.00
18.56	72.52	2.00	0.00	1.00	0.00	18.57	73.63	2.00	0.00	1.00	0.00
18.58	75.09	2.00	0.00	1.00	0.00	18.59	76.41	2.00	0.00	1.00	0.00
18.60	76.96	2.00	0.00	1.00	0.00	18.61	76.47	2.00	0.00	1.00	0.00
18.62	85.62	2.00	0.00	1.00	0.00	18.63	84.92	2.00	0.00	1.00	0.00
18.64	83.70	2.00	0.00	1.00	0.00	18.65	81.84	2.00	0.00	1.00	0.00
18.66	78.71	2.00	0.00	1.00	0.00	18.67	76.05	2.00	0.00	1.00	0.00
18.68	74.56	2.00	0.00	1.00	0.00	18.69	75.23	2.00	0.00	1.00	0.00
18.70	76.76	2.00	0.00	1.00	0.00	18.71	79.52	2.00	0.00	1.00	0.00
18.72	82.48	2.00	0.00	1.00	0.00	18.73	85.52	2.00	0.00	1.00	0.00
18.74	87.58	2.00	0.00	1.00	0.00	18.75	89.68	2.00	0.00	1.00	0.00
18.76	91.46	2.00	0.00	1.00	0.00	18.77	91.88	2.00	0.00	1.00	0.00
18.78	90.99	2.00	0.00	1.00	0.00	18.79	88.94	2.00	0.00	1.00	0.00
18.80	86.42	2.00	0.00	1.00	0.00	18.81	83.85	2.00	0.00	1.00	0.00
18.82	81.90	2.00	0.00	1.00	0.00	18.83	81.24	2.00	0.00	1.00	0.00
18.84	78.03	2.00	0.00	1.00	0.00	18.85	62.63	2.00	0.00	1.00	0.00
18.86	58.51	2.00	0.00	1.00	0.00	18.87	56.43	2.00	0.00	1.00	0.00
18.88	54.03	2.00	0.00	1.00	0.00	18.89	51.21	2.00	0.00	1.00	0.00
18.90	64.21	2.00	0.00	1.00	0.00	18.91	62.95	2.00	0.00	1.00	0.00
18.92	61.96	2.00	0.00	1.00	0.00	18.93	62.02	2.00	0.00	1.00	0.00
18.94	63.24	2.00	0.00	1.00	0.00	18.95	66.10	2.00	0.00	1.00	0.00
18.96	70.11	2.00	0.00	1.00	0.00	18.97	74.25	2.00	0.00	1.00	0.00
18.98	76.95	2.00	0.00	1.00	0.00	18.99	79.97	2.00	0.00	1.00	0.00
19.00	82.73	2.00	0.00	1.00	0.00	19.01	85.45	2.00	0.00	1.00	0.00
19.02	87.01	2.00	0.00	1.00	0.00	19.03	88.37	2.00	0.00	1.00	0.00
19.04	89.08	2.00	0.00	1.00	0.00	19.05	88.88	2.00	0.00	1.00	0.00
19.06	88.10	2.00	0.00	1.00	0.00	19.07	86.39	2.00	0.00	1.00	0.00
19.08	84.55	2.00	0.00	1.00	0.00	19.09	82.33	2.00	0.00	1.00	0.00
19.10	80.15	2.00	0.00	1.00	0.00	19.11	77.53	2.00	0.00	1.00	0.00
19.12	75.05	2.00	0.00	1.00	0.00	19.13	73.30	2.00	0.00	1.00	0.00
19.14	70.99	2.00	0.00	1.00	0.00	19.15	67.19	2.00	0.00	1.00	0.00
19.16	62.28	2.00	0.00	1.00	0.00	19.17	57.99	2.00	0.00	1.00	0.00
19.18	54.41	2.00	0.00	1.00	0.00	19.19	51.55	2.00	0.00	1.00	0.00
19.20	49.30	2.00	0.00	1.00	0.00	19.21	51.52	2.00	0.00	1.00	0.00
19.22	41.28	2.00	0.00	1.00	0.00	19.23	56.84	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	71.31	2.00	0.00	1.00	0.00	19.25	83.80	2.00	0.00	1.00	0.00
19.26	90.39	2.00	0.00	1.00	0.00	19.27	92.50	2.00	0.00	1.00	0.00
19.28	92.92	2.00	0.00	1.00	0.00	19.29	92.31	2.00	0.00	1.00	0.00
19.30	91.04	2.00	0.00	1.00	0.00	19.31	89.46	2.00	0.00	1.00	0.00
19.32	87.08	2.00	0.00	1.00	0.00	19.33	84.49	2.00	0.00	1.00	0.00
19.34	81.75	2.00	0.00	1.00	0.00	19.35	79.86	2.00	0.00	1.00	0.00
19.36	78.76	2.00	0.00	1.00	0.00	19.37	78.31	2.00	0.00	1.00	0.00
19.38	78.28	2.00	0.00	1.00	0.00	19.39	78.72	2.00	0.00	1.00	0.00
19.40	79.38	2.00	0.00	1.00	0.00	19.41	80.40	2.00	0.00	1.00	0.00
19.42	81.77	2.00	0.00	1.00	0.00	19.43	83.27	2.00	0.00	1.00	0.00
19.44	84.64	2.00	0.00	1.00	0.00	19.45	86.50	2.00	0.00	1.00	0.00
19.46	89.43	2.00	0.00	1.00	0.00	19.47	92.72	2.00	0.00	1.00	0.00
19.48	96.47	2.00	0.00	1.00	0.00	19.49	99.44	2.00	0.00	1.00	0.00
19.50	102.92	2.00	0.00	1.00	0.00	19.51	105.58	2.00	0.00	1.00	0.00
19.52	107.90	2.00	0.00	1.00	0.00	19.53	109.59	2.00	0.00	1.00	0.00
19.54	110.56	2.00	0.00	1.00	0.00	19.55	111.24	2.00	0.00	1.00	0.00
19.56	111.32	2.00	0.00	1.00	0.00	19.57	111.28	2.00	0.00	1.00	0.00
19.58	111.19	2.00	0.00	1.00	0.00	19.59	110.92	2.00	0.00	1.00	0.00
19.60	110.60	2.00	0.00	1.00	0.00	19.61	110.13	2.00	0.00	1.00	0.00
19.62	109.73	2.00	0.00	1.00	0.00	19.63	108.97	2.00	0.00	1.00	0.00
19.64	108.05	2.00	0.00	1.00	0.00	19.65	106.14	2.00	0.00	1.00	0.00
19.66	103.36	2.00	0.00	1.00	0.00	19.67	100.23	2.00	0.00	1.00	0.00
19.68	96.51	2.00	0.00	1.00	0.00	19.69	93.13	2.00	0.00	1.00	0.00
19.70	97.40	2.00	0.00	1.00	0.00	19.71	94.73	2.00	0.00	1.00	0.00
19.72	91.39	2.00	0.00	1.00	0.00	19.73	88.11	2.00	0.00	1.00	0.00
19.74	85.65	2.00	0.00	1.00	0.00	19.75	83.46	2.00	0.00	1.00	0.00
19.76	81.42	2.00	0.00	1.00	0.00	19.77	79.23	2.00	0.00	1.00	0.00
19.78	77.74	2.00	0.00	1.00	0.00	19.79	76.34	2.00	0.00	1.00	0.00
19.80	75.44	2.00	0.00	1.00	0.00	19.81	74.87	2.00	0.00	1.00	0.00
19.82	74.68	2.00	0.00	1.00	0.00	19.83	72.98	2.00	0.00	1.00	0.00
19.84	71.19	2.00	0.00	1.00	0.00	19.85	69.05	2.00	0.00	1.00	0.00
19.86	68.46	2.00	0.00	1.00	0.00	19.87	67.74	2.00	0.00	1.00	0.00
19.88	67.17	2.00	0.00	1.00	0.00	19.89	66.72	2.00	0.00	1.00	0.00
19.90	66.40	2.00	0.00	1.00	0.00	19.91	66.38	2.00	0.00	1.00	0.00
19.92	66.54	2.00	0.00	1.00	0.00	19.93	53.67	2.00	0.00	1.00	0.00
19.94	55.36	2.00	0.00	1.00	0.00	19.95	56.79	2.00	0.00	1.00	0.00
19.96	57.64	2.00	0.00	1.00	0.00	19.97	56.62	2.00	0.00	1.00	0.00
19.98	54.65	2.00	0.00	1.00	0.00	19.99	51.63	2.00	0.00	1.00	0.00
20.00	62.43	2.00	0.00	1.00	0.00	20.01	60.42	2.00	0.00	1.00	0.00
20.02	59.83	2.00	0.00	1.00	0.00	20.03	61.70	2.00	0.00	1.00	0.00
20.04	65.06	2.00	0.00	1.00	0.00	20.05	69.35	2.00	0.00	1.00	0.00
20.06	73.33	2.00	0.00	1.00	0.00	20.07	77.93	2.00	0.00	1.00	0.00
20.08	82.06	2.00	0.00	1.00	0.00	20.09	85.30	2.00	0.00	1.00	0.00
20.10	87.58	2.00	0.00	1.00	0.00	20.11	89.99	2.00	0.00	1.00	0.00
20.12	92.27	2.00	0.00	1.00	0.00	20.13	94.09	2.00	0.00	1.00	0.00
20.14	94.92	2.00	0.00	1.00	0.00	20.15	95.14	2.00	0.00	1.00	0.00
20.16	94.73	2.00	0.00	1.00	0.00	20.17	94.28	2.00	0.00	1.00	0.00
20.18	93.88	2.00	0.00	1.00	0.00	20.19	93.45	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	92.33	2.00	0.00	1.00	0.00	20.21	90.61	2.00	0.00	1.00	0.00
20.22	88.50	2.00	0.00	1.00	0.00	20.23	85.60	2.00	0.00	1.00	0.00
20.24	82.67	2.00	0.00	1.00	0.00	20.25	80.07	2.00	0.00	1.00	0.00
20.26	79.00	2.00	0.00	1.00	0.00	20.27	78.68	2.00	0.00	1.00	0.00
20.28	79.21	2.00	0.00	1.00	0.00	20.29	80.72	2.00	0.00	1.00	0.00
20.30	83.65	2.00	0.00	1.00	0.00	20.31	86.99	2.00	0.00	1.00	0.00
20.32	90.27	2.00	0.00	1.00	0.00	20.33	92.64	2.00	0.00	1.00	0.00
20.34	94.83	2.00	0.00	1.00	0.00	20.35	98.28	2.00	0.00	1.00	0.00
20.36	101.73	2.00	0.00	1.00	0.00	20.37	104.84	2.00	0.00	1.00	0.00
20.38	106.85	2.00	0.00	1.00	0.00	20.39	108.49	2.00	0.00	1.00	0.00
20.40	109.91	2.00	0.00	1.00	0.00	20.41	110.71	2.00	0.00	1.00	0.00
20.42	111.22	2.00	0.00	1.00	0.00	20.43	111.62	2.00	0.00	1.00	0.00
20.44	112.05	2.00	0.00	1.00	0.00	20.45	112.49	2.00	0.00	1.00	0.00
20.46	112.75	2.00	0.00	1.00	0.00	20.47	112.51	2.00	0.00	1.00	0.00
20.48	111.91	2.00	0.00	1.00	0.00	20.49	111.16	2.00	0.00	1.00	0.00
20.50	110.54	2.00	0.00	1.00	0.00	20.51	110.00	2.00	0.00	1.00	0.00
20.52	109.50	2.00	0.00	1.00	0.00	20.53	109.16	2.00	0.00	1.00	0.00
20.54	108.71	2.00	0.00	1.00	0.00	20.55	108.07	2.00	0.00	1.00	0.00
20.56	107.13	2.00	0.00	1.00	0.00	20.57	106.24	2.00	0.00	1.00	0.00
20.58	105.47	2.00	0.00	1.00	0.00	20.59	104.42	2.00	0.00	1.00	0.00
20.60	103.54	2.00	0.00	1.00	0.00	20.61	102.67	2.00	0.00	1.00	0.00
20.62	102.40	2.00	0.00	1.00	0.00						

**Total estimated settlement: 1.95**

**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**

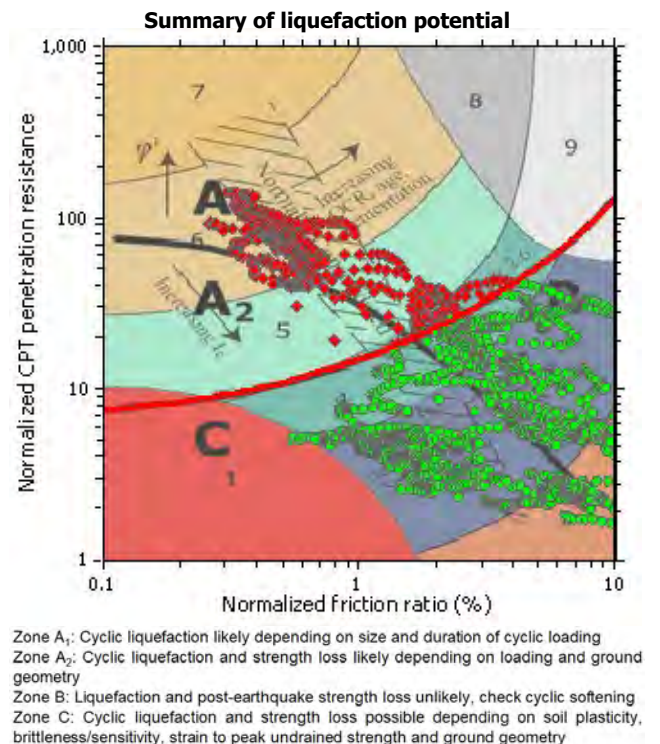
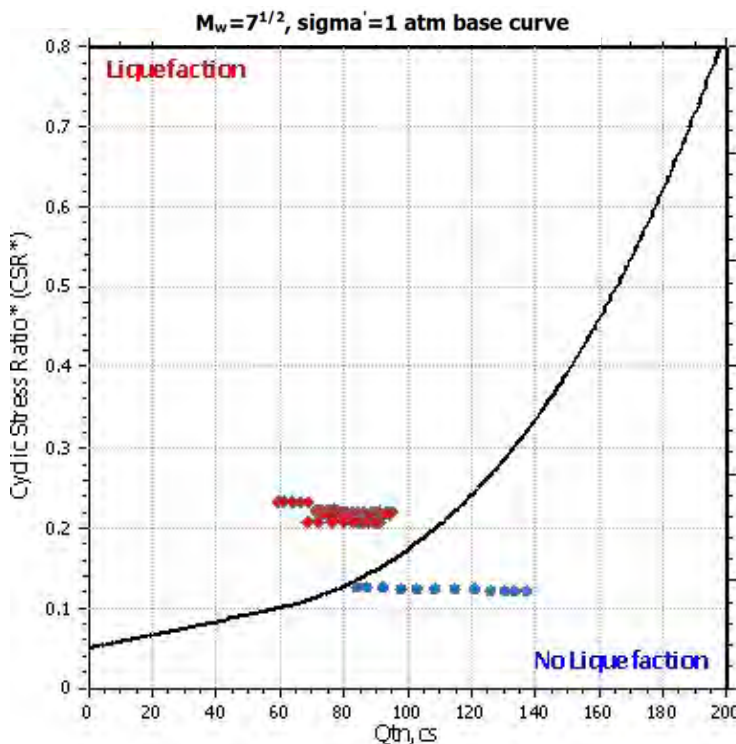
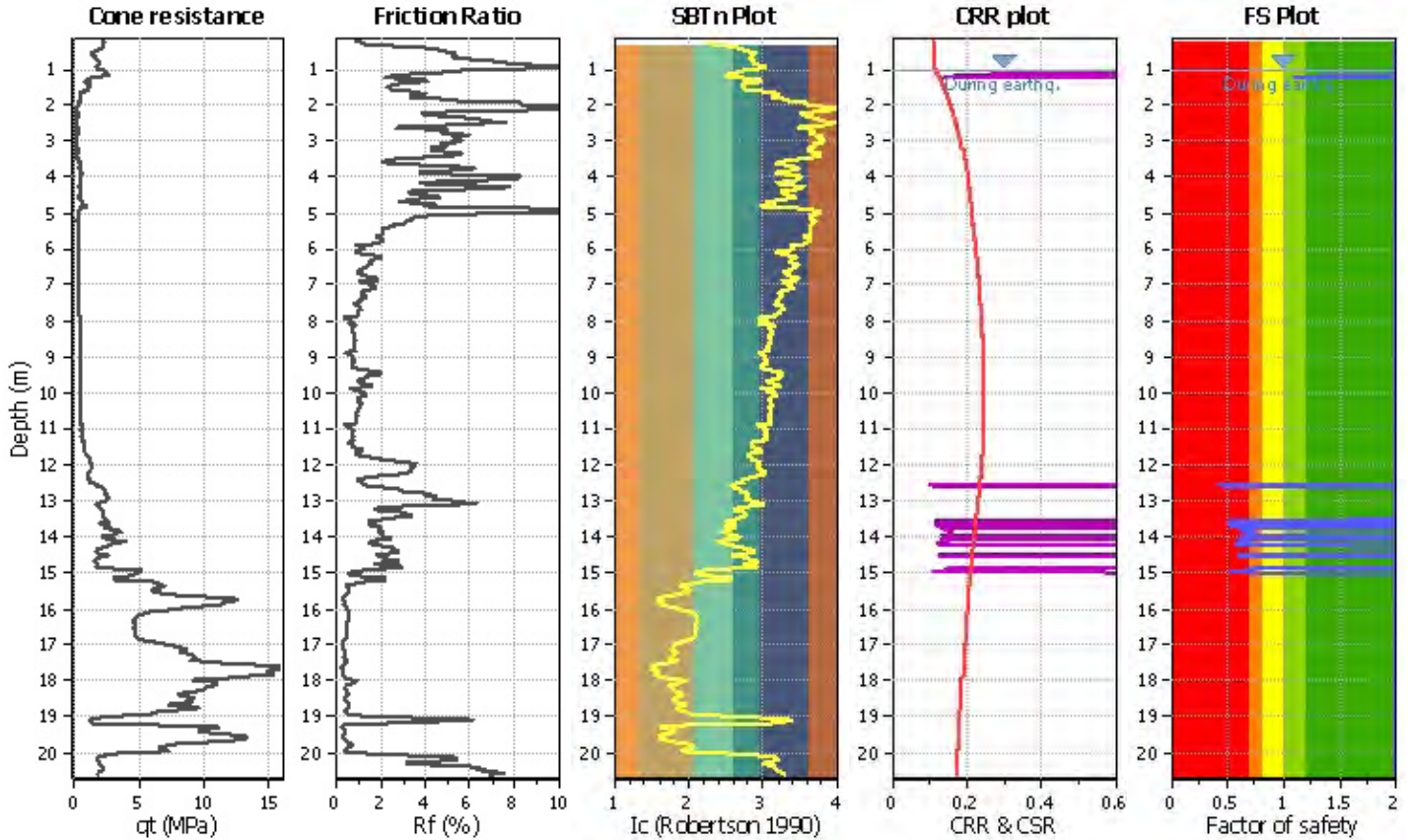
**Project title :**

**Location :**

**CPT file : CPTU1 - Area 2-3**

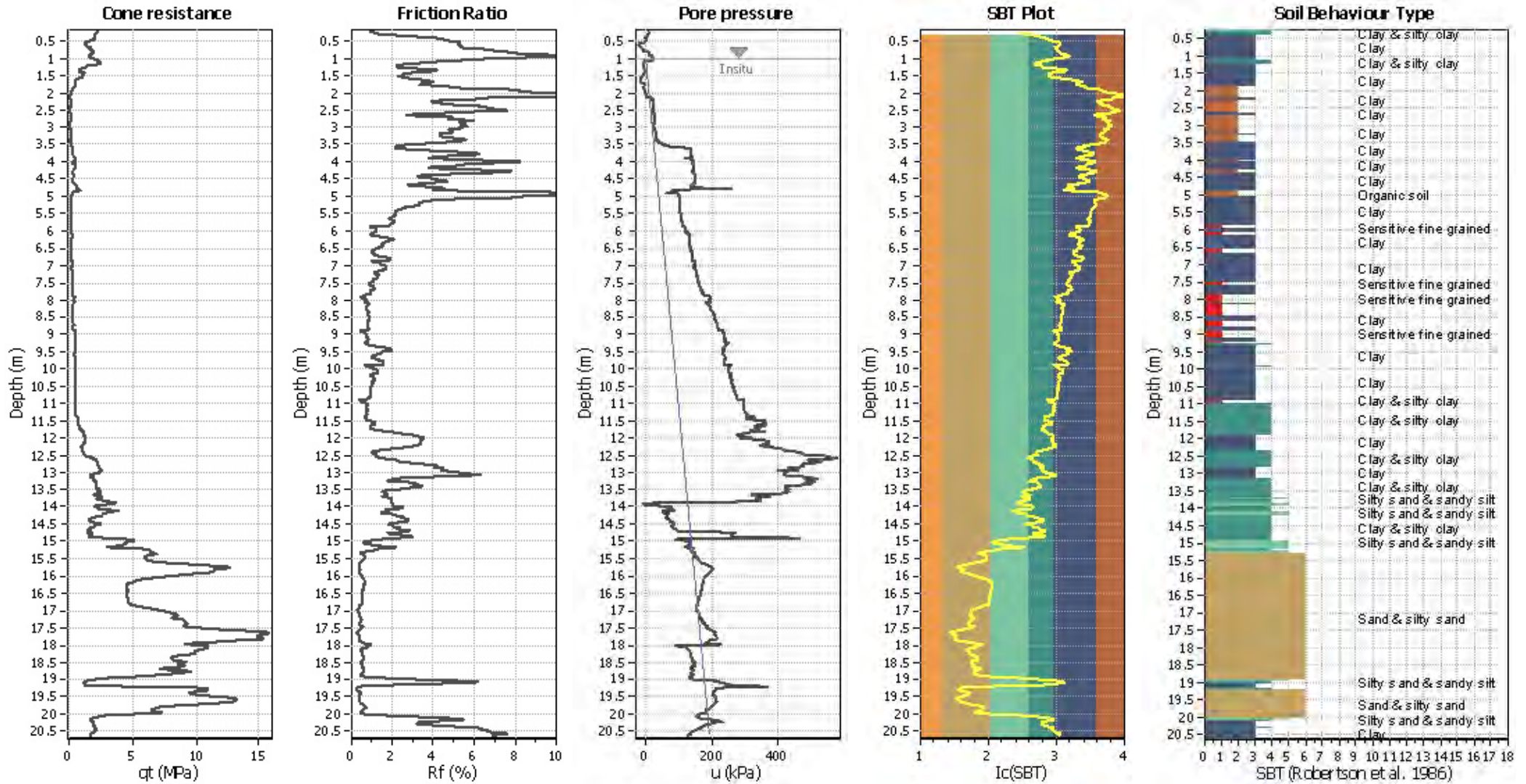
**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		





### CPT basic interpretation plot



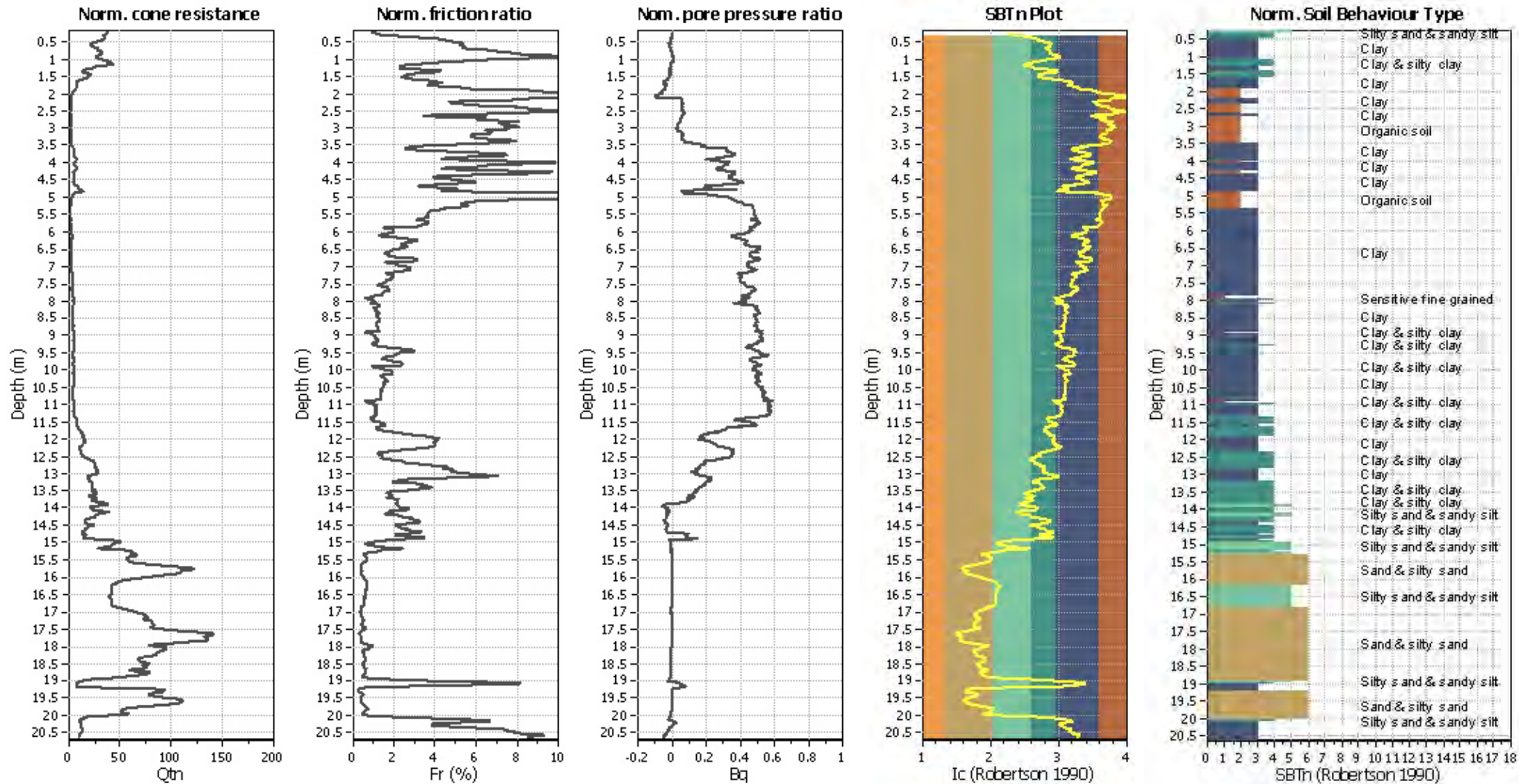
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



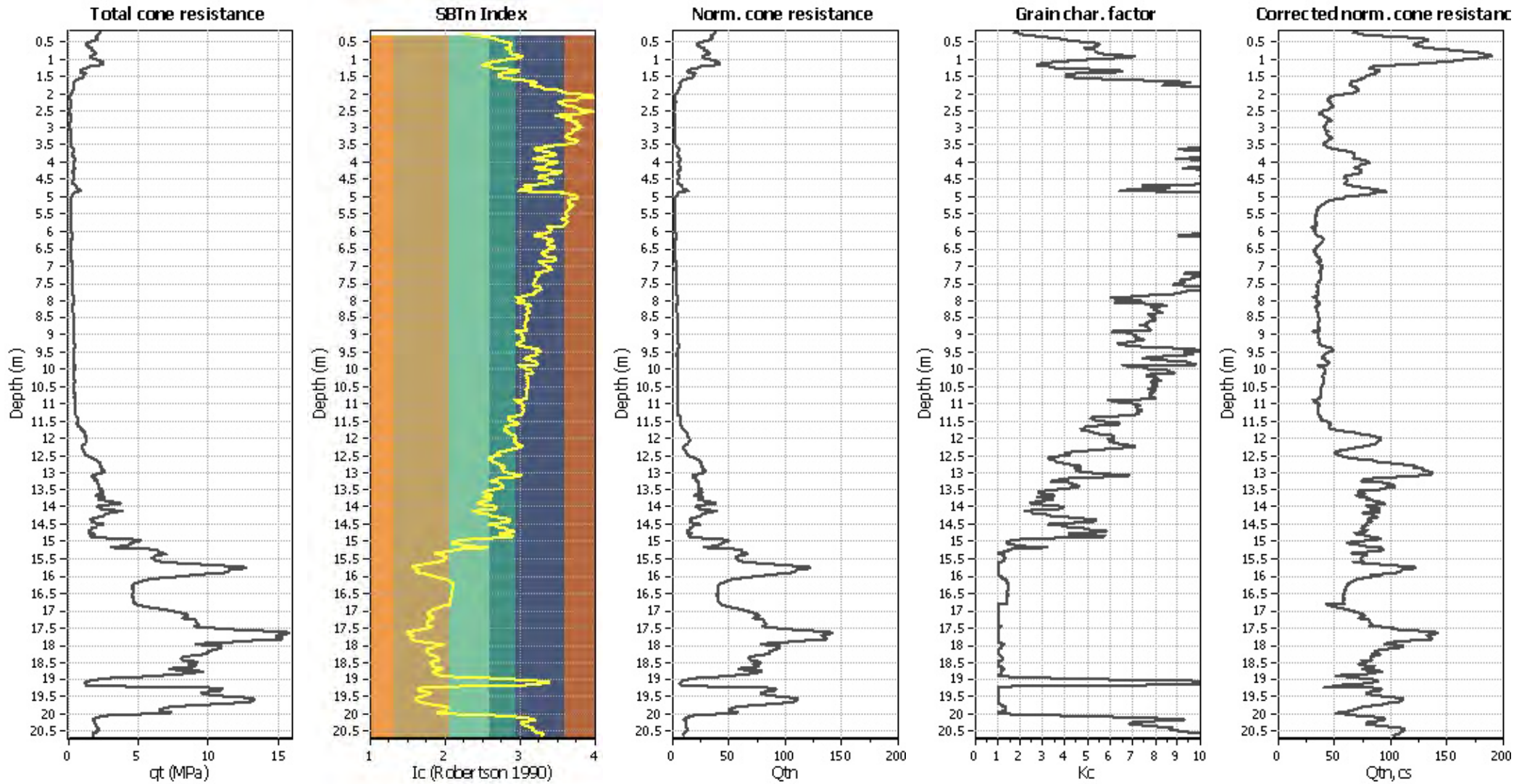
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

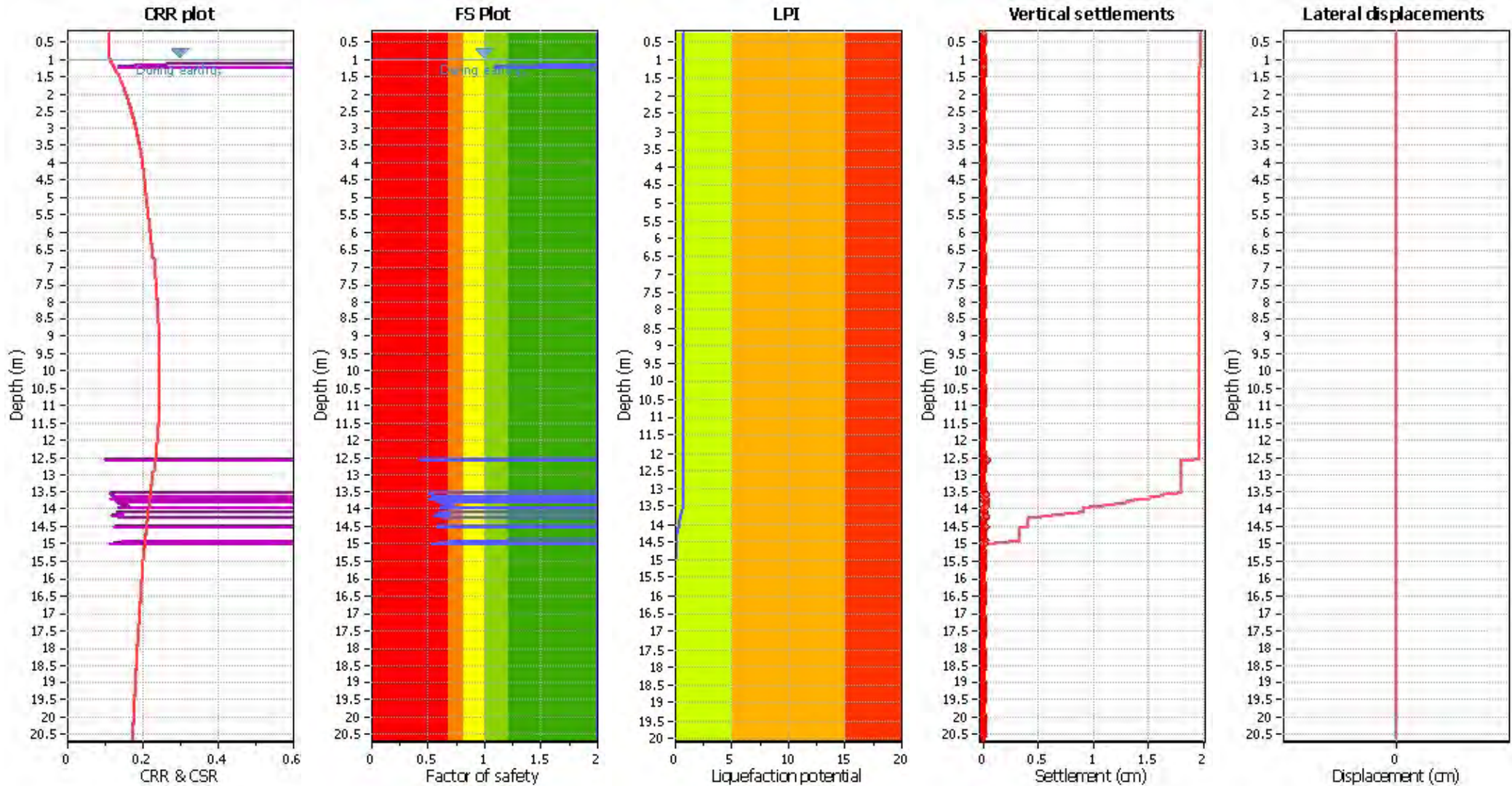
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_{\sigma}$ applied:	Yes
Earthquake magnitude $M_w$ :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

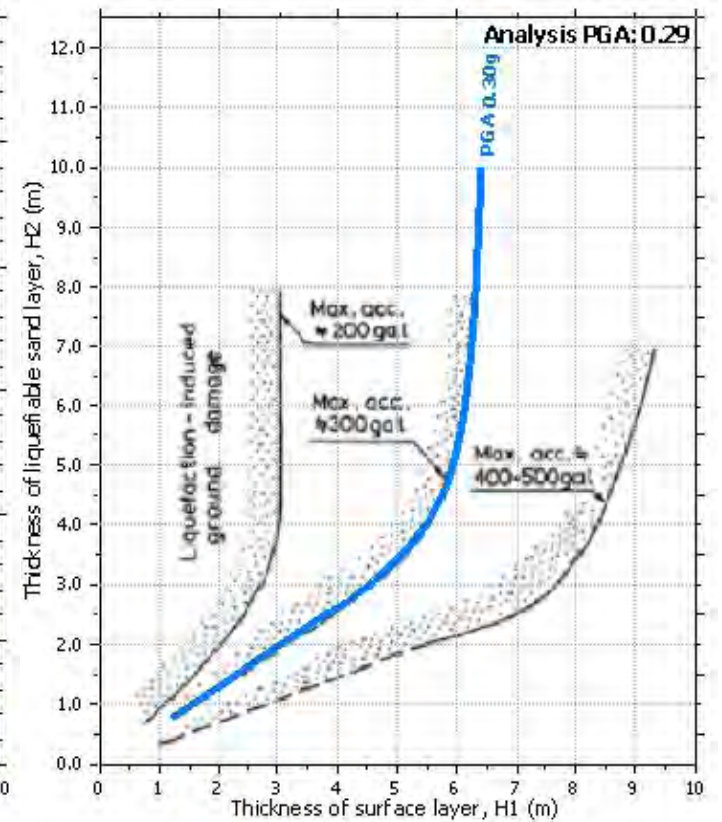
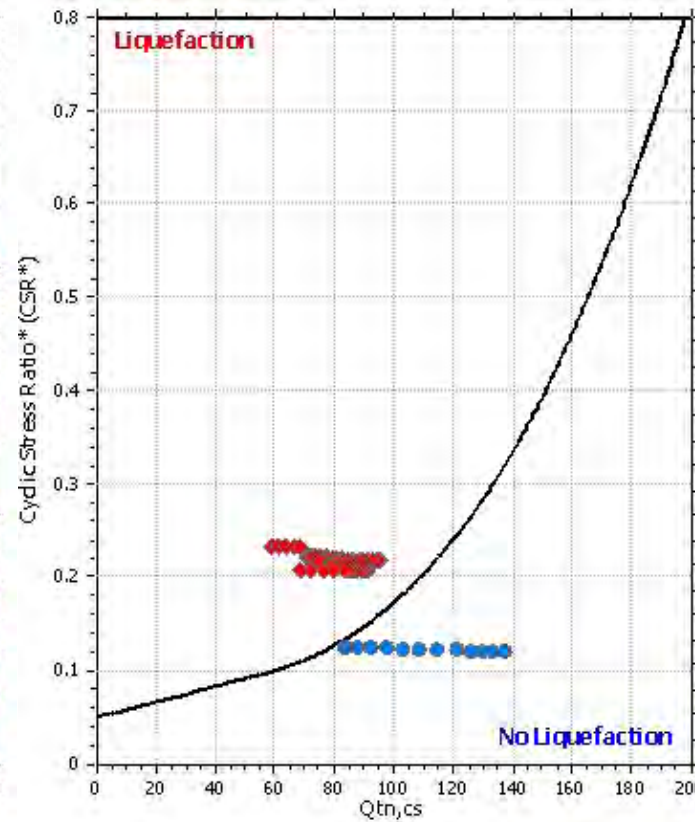
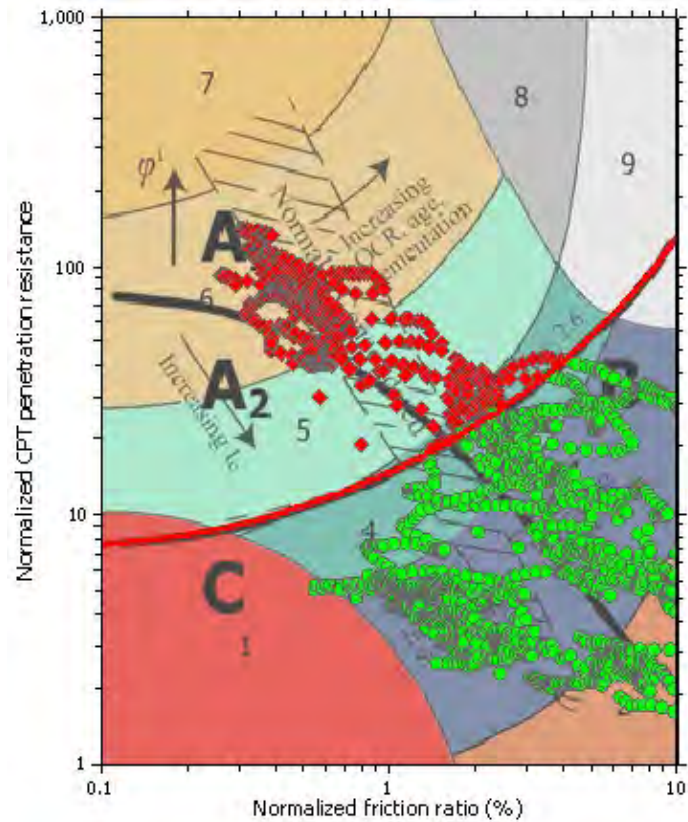
**F.S. color scheme**

- 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

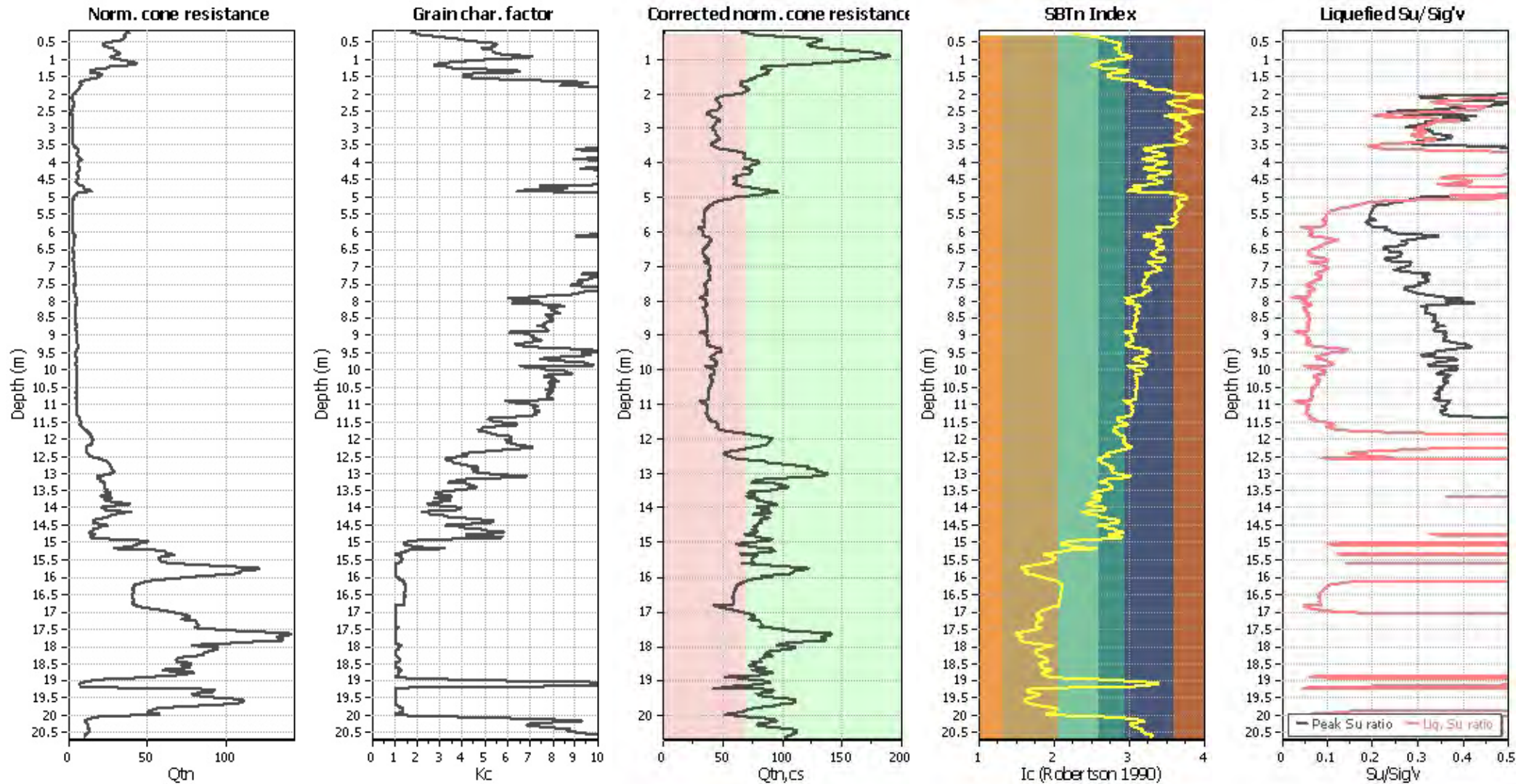
### Liquefaction analysis summary plo



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	1.81	0.00	9.41	0.01	0.00	1.18	1.64	0.00	9.41	0.01	0.00
1.19	1.49	0.00	9.40	0.01	0.00	1.20	1.36	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	1.24	0.00	9.39	0.01	0.00	1.22	1.15	0.00	9.39	0.01	0.00
1.23	1.08	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	2.00	0.00	4.53	0.01	0.00
10.95	2.00	0.00	4.53	0.01	0.00	10.96	2.00	0.00	4.52	0.01	0.00
10.97	2.00	0.00	4.51	0.01	0.00	10.98	2.00	0.00	4.51	0.01	0.00
10.99	2.00	0.00	4.50	0.01	0.00	11.00	2.00	0.00	4.50	0.01	0.00
11.01	2.00	0.00	4.50	0.01	0.00	11.02	2.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	2.00	0.00	4.28	0.01	0.00	11.46	2.00	0.00	4.27	0.01	0.00
11.47	2.00	0.00	4.26	0.01	0.00	11.48	2.00	0.00	4.26	0.01	0.00
11.49	2.00	0.00	4.25	0.01	0.00	11.50	2.00	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	2.00	0.00	4.20	0.01	0.00
11.61	2.00	0.00	4.20	0.01	0.00	11.62	2.00	0.00	4.19	0.01	0.00
11.63	2.00	0.00	4.18	0.01	0.00	11.64	2.00	0.00	4.18	0.01	0.00
11.65	2.00	0.00	4.17	0.01	0.00	11.66	2.00	0.00	4.17	0.01	0.00
11.67	2.00	0.00	4.17	0.01	0.00	11.68	2.00	0.00	4.16	0.01	0.00
11.69	2.00	0.00	4.16	0.01	0.00	11.70	2.00	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	0.43	0.57	3.72	0.01	0.02
12.57	0.44	0.56	3.71	0.01	0.02	12.58	0.45	0.55	3.71	0.01	0.02
12.59	0.46	0.54	3.71	0.01	0.02	12.60	0.47	0.53	3.70	0.01	0.02
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	0.55	0.45	3.23	0.01	0.01	13.54	0.52	0.48	3.23	0.01	0.02
13.55	0.51	0.49	3.23	0.01	0.02	13.56	0.51	0.49	3.22	0.01	0.02
13.57	0.52	0.48	3.21	0.01	0.02	13.58	0.54	0.46	3.21	0.01	0.01
13.59	0.55	0.45	3.21	0.01	0.01	13.60	0.56	0.44	3.20	0.01	0.01
13.61	0.54	0.46	3.19	0.01	0.01	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	0.51	0.49	3.17	0.01	0.02	13.68	0.52	0.48	3.16	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	0.53	0.47	3.15	0.01	0.01	13.70	0.54	0.46	3.15	0.01	0.01
13.71	0.56	0.44	3.15	0.01	0.01	13.72	0.58	0.42	3.14	0.01	0.01
13.73	0.58	0.42	3.13	0.01	0.01	13.74	2.00	0.00	3.13	0.01	0.00
13.75	2.00	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	0.60	0.40	3.10	0.01	0.01	13.80	0.62	0.38	3.10	0.01	0.01
13.81	0.64	0.36	3.10	0.01	0.01	13.82	0.66	0.34	3.09	0.01	0.01
13.83	0.68	0.32	3.08	0.01	0.01	13.84	0.68	0.32	3.08	0.01	0.01
13.85	0.69	0.31	3.08	0.01	0.01	13.86	0.71	0.29	3.07	0.01	0.01
13.87	0.72	0.28	3.06	0.01	0.01	13.88	0.73	0.27	3.06	0.01	0.01
13.89	0.73	0.27	3.06	0.01	0.01	13.90	0.73	0.27	3.05	0.01	0.01
13.91	0.71	0.29	3.04	0.01	0.01	13.92	0.67	0.33	3.04	0.01	0.01
13.93	0.64	0.36	3.04	0.01	0.01	13.94	0.62	0.38	3.03	0.01	0.01
13.95	2.00	0.00	3.02	0.01	0.00	13.96	2.00	0.00	3.02	0.01	0.00
13.97	2.00	0.00	3.02	0.01	0.00	13.98	2.00	0.00	3.01	0.01	0.00
13.99	2.00	0.00	3.00	0.01	0.00	14.00	2.00	0.00	3.00	0.01	0.00
14.01	2.00	0.00	3.00	0.01	0.00	14.02	2.00	0.00	2.99	0.01	0.00
14.03	2.00	0.00	2.98	0.01	0.00	14.04	2.00	0.00	2.98	0.01	0.00
14.05	2.00	0.00	2.98	0.01	0.00	14.06	2.00	0.00	2.97	0.01	0.00
14.07	0.61	0.39	2.96	0.01	0.01	14.08	0.61	0.39	2.96	0.01	0.01
14.09	0.63	0.37	2.96	0.01	0.01	14.10	0.65	0.35	2.95	0.01	0.01
14.11	0.66	0.34	2.94	0.01	0.01	14.12	0.68	0.32	2.94	0.01	0.01
14.13	0.69	0.31	2.94	0.01	0.01	14.14	0.68	0.32	2.93	0.01	0.01
14.15	0.64	0.36	2.92	0.01	0.01	14.16	0.59	0.41	2.92	0.01	0.01
14.17	0.56	0.44	2.92	0.01	0.01	14.18	0.56	0.44	2.91	0.01	0.01
14.19	0.58	0.42	2.90	0.01	0.01	14.20	0.61	0.39	2.90	0.01	0.01
14.21	0.63	0.37	2.90	0.01	0.01	14.22	0.63	0.37	2.89	0.01	0.01
14.23	0.63	0.37	2.88	0.01	0.01	14.24	0.63	0.37	2.88	0.01	0.01
14.25	2.00	0.00	2.88	0.01	0.00	14.26	2.00	0.00	2.87	0.01	0.00
14.27	2.00	0.00	2.87	0.01	0.00	14.28	2.00	0.00	2.86	0.01	0.00
14.29	2.00	0.00	2.85	0.01	0.00	14.30	2.00	0.00	2.85	0.01	0.00
14.31	2.00	0.00	2.85	0.01	0.00	14.32	2.00	0.00	2.84	0.01	0.00
14.33	2.00	0.00	2.83	0.01	0.00	14.34	2.00	0.00	2.83	0.01	0.00
14.35	2.00	0.00	2.83	0.01	0.00	14.36	2.00	0.00	2.82	0.01	0.00
14.37	2.00	0.00	2.81	0.01	0.00	14.38	2.00	0.00	2.81	0.01	0.00
14.39	2.00	0.00	2.81	0.01	0.00	14.40	2.00	0.00	2.80	0.01	0.00
14.41	2.00	0.00	2.79	0.01	0.00	14.42	2.00	0.00	2.79	0.01	0.00
14.43	2.00	0.00	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	0.59	0.41	2.75	0.01	0.01
14.51	0.59	0.41	2.75	0.01	0.01	14.52	0.60	0.40	2.74	0.01	0.01
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	0.71	0.29	2.56	0.01	0.01	14.90	0.73	0.27	2.55	0.01	0.01
14.91	0.72	0.28	2.54	0.01	0.01	14.92	0.71	0.29	2.54	0.01	0.01
14.93	0.69	0.31	2.54	0.01	0.01	14.94	0.67	0.33	2.53	0.01	0.01
14.95	0.66	0.34	2.52	0.01	0.01	14.96	0.64	0.36	2.52	0.01	0.01
14.97	0.62	0.38	2.52	0.01	0.01	14.98	0.59	0.41	2.51	0.01	0.01
14.99	0.55	0.45	2.50	0.01	0.01	15.00	0.53	0.47	2.50	0.01	0.01
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00	18.40	2.00	0.00	0.80	0.01	0.00
18.41	2.00	0.00	0.80	0.01	0.00	18.42	2.00	0.00	0.79	0.01	0.00
18.43	2.00	0.00	0.79	0.01	0.00	18.44	2.00	0.00	0.78	0.01	0.00
18.45	2.00	0.00	0.78	0.01	0.00	18.46	2.00	0.00	0.77	0.01	0.00
18.47	2.00	0.00	0.77	0.01	0.00	18.48	2.00	0.00	0.76	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.49	2.00	0.00	0.76	0.01	0.00	18.50	2.00	0.00	0.75	0.01	0.00
18.51	2.00	0.00	0.74	0.01	0.00	18.52	2.00	0.00	0.74	0.01	0.00
18.53	2.00	0.00	0.73	0.01	0.00	18.54	2.00	0.00	0.73	0.01	0.00
18.55	2.00	0.00	0.72	0.01	0.00	18.56	2.00	0.00	0.72	0.01	0.00
18.57	2.00	0.00	0.71	0.01	0.00	18.58	2.00	0.00	0.71	0.01	0.00
18.59	2.00	0.00	0.70	0.01	0.00	18.60	2.00	0.00	0.70	0.01	0.00
18.61	2.00	0.00	0.69	0.01	0.00	18.62	2.00	0.00	0.69	0.01	0.00
18.63	2.00	0.00	0.69	0.01	0.00	18.64	2.00	0.00	0.68	0.01	0.00
18.65	2.00	0.00	0.68	0.01	0.00	18.66	2.00	0.00	0.67	0.01	0.00
18.67	2.00	0.00	0.66	0.01	0.00	18.68	2.00	0.00	0.66	0.01	0.00
18.69	2.00	0.00	0.65	0.01	0.00	18.70	2.00	0.00	0.65	0.01	0.00
18.71	2.00	0.00	0.65	0.01	0.00	18.72	2.00	0.00	0.64	0.01	0.00
18.73	2.00	0.00	0.64	0.01	0.00	18.74	2.00	0.00	0.63	0.01	0.00
18.75	2.00	0.00	0.63	0.01	0.00	18.76	2.00	0.00	0.62	0.01	0.00
18.77	2.00	0.00	0.61	0.01	0.00	18.78	2.00	0.00	0.61	0.01	0.00
18.79	2.00	0.00	0.60	0.01	0.00	18.80	2.00	0.00	0.60	0.01	0.00
18.81	2.00	0.00	0.60	0.01	0.00	18.82	2.00	0.00	0.59	0.01	0.00
18.83	2.00	0.00	0.59	0.01	0.00	18.84	2.00	0.00	0.58	0.01	0.00
18.85	2.00	0.00	0.57	0.01	0.00	18.86	2.00	0.00	0.57	0.01	0.00
18.87	2.00	0.00	0.56	0.01	0.00	18.88	2.00	0.00	0.56	0.01	0.00
18.89	2.00	0.00	0.56	0.01	0.00	18.90	2.00	0.00	0.55	0.01	0.00
18.91	2.00	0.00	0.55	0.01	0.00	18.92	2.00	0.00	0.54	0.01	0.00
18.93	2.00	0.00	0.54	0.01	0.00	18.94	2.00	0.00	0.53	0.01	0.00
18.95	2.00	0.00	0.53	0.01	0.00	18.96	2.00	0.00	0.52	0.01	0.00
18.97	2.00	0.00	0.52	0.01	0.00	18.98	2.00	0.00	0.51	0.01	0.00
18.99	2.00	0.00	0.51	0.01	0.00	19.00	2.00	0.00	0.50	0.01	0.00
19.01	2.00	0.00	0.49	0.01	0.00	19.02	2.00	0.00	0.49	0.01	0.00
19.03	2.00	0.00	0.48	0.01	0.00	19.04	2.00	0.00	0.48	0.01	0.00
19.05	2.00	0.00	0.47	0.01	0.00	19.06	2.00	0.00	0.47	0.01	0.00
19.07	2.00	0.00	0.47	0.01	0.00	19.08	2.00	0.00	0.46	0.01	0.00
19.09	2.00	0.00	0.46	0.01	0.00	19.10	2.00	0.00	0.45	0.01	0.00
19.11	2.00	0.00	0.45	0.01	0.00	19.12	2.00	0.00	0.44	0.01	0.00
19.13	2.00	0.00	0.43	0.01	0.00	19.14	2.00	0.00	0.43	0.01	0.00
19.15	2.00	0.00	0.43	0.01	0.00	19.16	2.00	0.00	0.42	0.01	0.00
19.17	2.00	0.00	0.41	0.01	0.00	19.18	2.00	0.00	0.41	0.01	0.00
19.19	2.00	0.00	0.40	0.01	0.00	19.20	2.00	0.00	0.40	0.01	0.00
19.21	2.00	0.00	0.40	0.01	0.00	19.22	2.00	0.00	0.39	0.01	0.00
19.23	2.00	0.00	0.39	0.01	0.00	19.24	2.00	0.00	0.38	0.01	0.00
19.25	2.00	0.00	0.38	0.01	0.00	19.26	2.00	0.00	0.37	0.01	0.00
19.27	2.00	0.00	0.36	0.01	0.00	19.28	2.00	0.00	0.36	0.01	0.00
19.29	2.00	0.00	0.35	0.01	0.00	19.30	2.00	0.00	0.35	0.01	0.00
19.31	2.00	0.00	0.35	0.01	0.00	19.32	2.00	0.00	0.34	0.01	0.00
19.33	2.00	0.00	0.34	0.01	0.00	19.34	2.00	0.00	0.33	0.01	0.00
19.35	2.00	0.00	0.32	0.01	0.00	19.36	2.00	0.00	0.32	0.01	0.00
19.37	2.00	0.00	0.32	0.01	0.00	19.38	2.00	0.00	0.31	0.01	0.00
19.39	2.00	0.00	0.30	0.01	0.00	19.40	2.00	0.00	0.30	0.01	0.00
19.41	2.00	0.00	0.29	0.01	0.00	19.42	2.00	0.00	0.29	0.01	0.00
19.43	2.00	0.00	0.28	0.01	0.00	19.44	2.00	0.00	0.28	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.45	2.00	0.00	0.28	0.01	0.00	19.46	2.00	0.00	0.27	0.01	0.00
19.47	2.00	0.00	0.27	0.01	0.00	19.48	2.00	0.00	0.26	0.01	0.00
19.49	2.00	0.00	0.26	0.01	0.00	19.50	2.00	0.00	0.25	0.01	0.00
19.51	2.00	0.00	0.24	0.01	0.00	19.52	2.00	0.00	0.24	0.01	0.00
19.53	2.00	0.00	0.23	0.01	0.00	19.54	2.00	0.00	0.23	0.01	0.00
19.55	2.00	0.00	0.23	0.01	0.00	19.56	2.00	0.00	0.22	0.01	0.00
19.57	2.00	0.00	0.21	0.01	0.00	19.58	2.00	0.00	0.21	0.01	0.00
19.59	2.00	0.00	0.20	0.01	0.00	19.60	2.00	0.00	0.20	0.01	0.00
19.61	2.00	0.00	0.20	0.01	0.00	19.62	2.00	0.00	0.19	0.01	0.00
19.63	2.00	0.00	0.18	0.01	0.00	19.64	2.00	0.00	0.18	0.01	0.00
19.65	2.00	0.00	0.18	0.01	0.00	19.66	2.00	0.00	0.17	0.01	0.00
19.67	2.00	0.00	0.16	0.01	0.00	19.68	2.00	0.00	0.16	0.01	0.00
19.69	2.00	0.00	0.15	0.01	0.00	19.70	2.00	0.00	0.15	0.01	0.00
19.71	2.00	0.00	0.14	0.01	0.00	19.72	2.00	0.00	0.14	0.01	0.00
19.73	2.00	0.00	0.14	0.01	0.00	19.74	2.00	0.00	0.13	0.01	0.00
19.75	2.00	0.00	0.13	0.01	0.00	19.76	2.00	0.00	0.12	0.01	0.00
19.77	2.00	0.00	0.12	0.01	0.00	19.78	2.00	0.00	0.11	0.01	0.00
19.79	2.00	0.00	0.10	0.01	0.00	19.80	2.00	0.00	0.10	0.01	0.00
19.81	2.00	0.00	0.10	0.01	0.00	19.82	2.00	0.00	0.09	0.01	0.00
19.83	2.00	0.00	0.09	0.01	0.00	19.84	2.00	0.00	0.08	0.01	0.00
19.85	2.00	0.00	0.07	0.01	0.00	19.86	2.00	0.00	0.07	0.01	0.00
19.87	2.00	0.00	0.06	0.01	0.00	19.88	2.00	0.00	0.06	0.01	0.00
19.89	2.00	0.00	0.05	0.01	0.00	19.90	2.00	0.00	0.05	0.01	0.00
19.91	2.00	0.00	0.04	0.01	0.00	19.92	2.00	0.00	0.04	0.01	0.00
19.93	2.00	0.00	0.04	0.01	0.00	19.94	2.00	0.00	0.03	0.01	0.00
19.95	2.00	0.00	0.03	0.01	0.00	19.96	2.00	0.00	0.02	0.01	0.00
19.97	2.00	0.00	0.02	0.01	0.00	19.98	2.00	0.00	0.01	0.01	0.00
19.99	2.00	0.00	0.01	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.00	0.00	20.02	2.00	0.00	0.00	0.00	0.00
20.03	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.05	2.00	0.00	0.00	0.00	0.00	20.06	2.00	0.00	0.00	0.00	0.00
20.07	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.09	2.00	0.00	0.00	0.00	0.00	20.10	2.00	0.00	0.00	0.00	0.00
20.11	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00
20.13	2.00	0.00	0.00	0.00	0.00	20.14	2.00	0.00	0.00	0.00	0.00
20.15	2.00	0.00	0.00	0.00	0.00	20.16	2.00	0.00	0.00	0.00	0.00
20.17	2.00	0.00	0.00	0.00	0.00	20.18	2.00	0.00	0.00	0.00	0.00
20.19	2.00	0.00	0.00	0.00	0.00	20.20	2.00	0.00	0.00	0.00	0.00
20.21	2.00	0.00	0.00	0.00	0.00	20.22	2.00	0.00	0.00	0.00	0.00
20.23	2.00	0.00	0.00	0.00	0.00	20.24	2.00	0.00	0.00	0.00	0.00
20.25	2.00	0.00	0.00	0.00	0.00	20.26	2.00	0.00	0.00	0.00	0.00
20.27	2.00	0.00	0.00	0.00	0.00	20.28	2.00	0.00	0.00	0.00	0.00
20.29	2.00	0.00	0.00	0.00	0.00	20.30	2.00	0.00	0.00	0.00	0.00
20.31	2.00	0.00	0.00	0.00	0.00	20.32	2.00	0.00	0.00	0.00	0.00
20.33	2.00	0.00	0.00	0.00	0.00	20.34	2.00	0.00	0.00	0.00	0.00
20.35	2.00	0.00	0.00	0.00	0.00	20.36	2.00	0.00	0.00	0.00	0.00
20.37	2.00	0.00	0.00	0.00	0.00	20.38	2.00	0.00	0.00	0.00	0.00
20.39	2.00	0.00	0.00	0.00	0.00	20.40	2.00	0.00	0.00	0.00	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
20.41	2.00	0.00	0.00	0.00	0.00	20.42	2.00	0.00	0.00	0.00	0.00
20.43	2.00	0.00	0.00	0.00	0.00	20.44	2.00	0.00	0.00	0.00	0.00
20.45	2.00	0.00	0.00	0.00	0.00	20.46	2.00	0.00	0.00	0.00	0.00
20.47	2.00	0.00	0.00	0.00	0.00	20.48	2.00	0.00	0.00	0.00	0.00
20.49	2.00	0.00	0.00	0.00	0.00	20.50	2.00	0.00	0.00	0.00	0.00
20.51	2.00	0.00	0.00	0.00	0.00	20.52	2.00	0.00	0.00	0.00	0.00
20.53	2.00	0.00	0.00	0.00	0.00	20.54	2.00	0.00	0.00	0.00	0.00
20.55	2.00	0.00	0.00	0.00	0.00	20.56	2.00	0.00	0.00	0.00	0.00
20.57	2.00	0.00	0.00	0.00	0.00	20.58	2.00	0.00	0.00	0.00	0.00
20.59	2.00	0.00	0.00	0.00	0.00	20.60	2.00	0.00	0.00	0.00	0.00
20.61	2.00	0.00	0.00	0.00	0.00	20.62	2.00	0.00	0.00	0.00	0.00

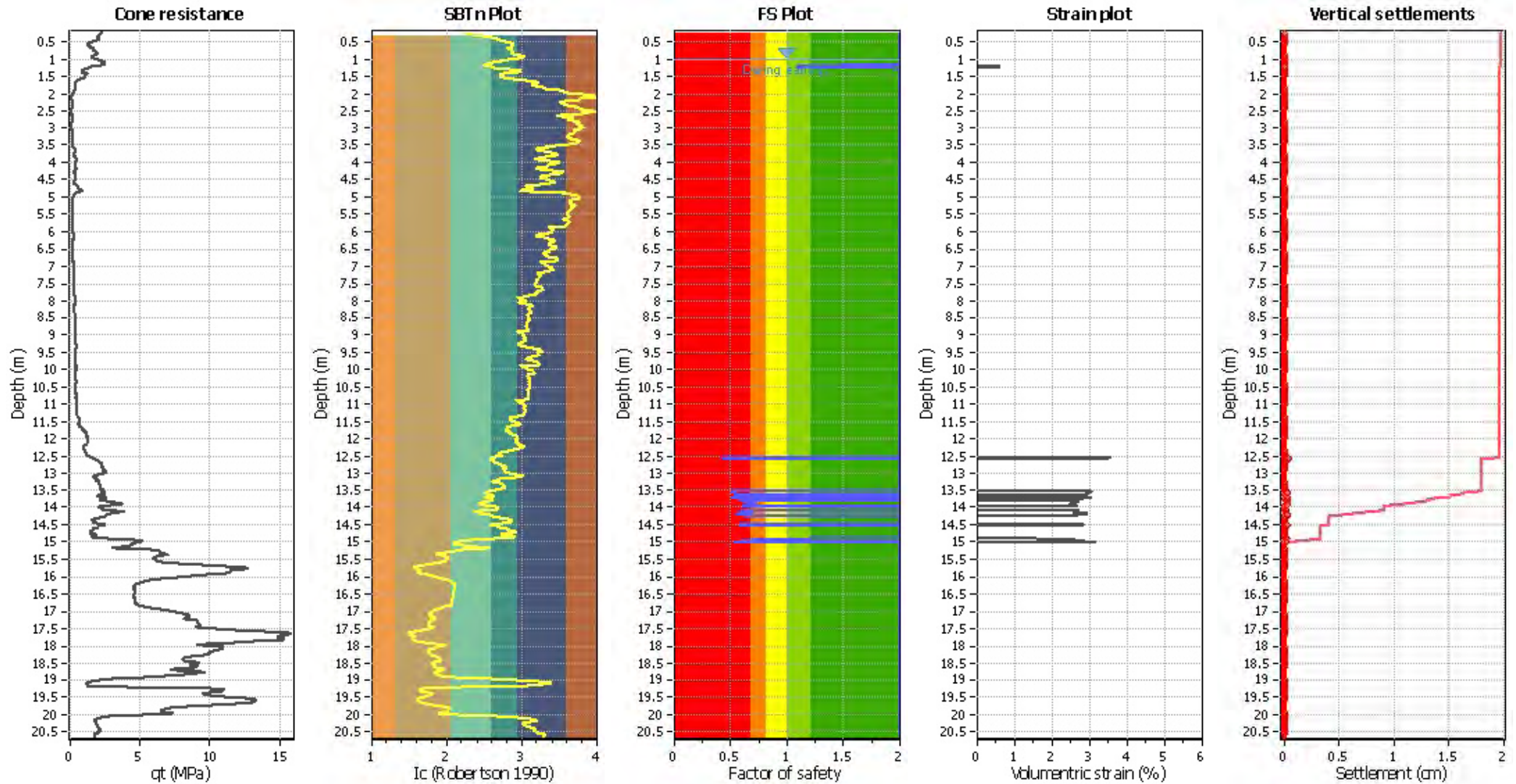
**Overall liquefaction potential: 0.83**

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**

- $q_c$ : 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

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	172.27	2.00	0.00	1.00	0.00	1.01	169.02	2.00	0.00	1.00	0.00
1.02	165.53	2.00	0.00	1.00	0.00	1.03	162.29	2.00	0.00	1.00	0.00
1.04	159.82	2.00	0.00	1.00	0.00	1.05	158.32	2.00	0.00	1.00	0.00
1.06	157.01	2.00	0.00	1.00	0.00	1.07	155.36	2.00	0.00	1.00	0.00
1.08	152.64	2.00	0.00	1.00	0.00	1.09	149.46	2.00	0.00	1.00	0.00
1.10	145.22	2.00	0.00	1.00	0.00	1.11	141.32	2.00	0.00	1.00	0.00
1.12	137.31	2.00	0.00	1.00	0.00	1.13	133.80	2.00	0.00	1.00	0.00
1.14	130.49	2.00	0.00	1.00	0.00	1.15	126.10	2.00	0.00	1.00	0.00
1.16	121.36	2.00	0.00	1.00	0.00	1.17	114.74	1.81	0.00	1.00	0.00
1.18	109.02	1.64	0.00	1.00	0.00	1.19	103.27	1.49	0.00	1.00	0.00
1.20	97.96	1.36	0.00	1.00	0.00	1.21	92.66	1.24	0.43	1.00	0.00
1.22	87.61	1.15	0.60	1.00	0.01	1.23	84.14	1.08	0.62	1.00	0.01
1.24	81.88	2.00	0.00	1.00	0.00	1.25	81.21	2.00	0.00	1.00	0.00
1.26	82.23	2.00	0.00	1.00	0.00	1.27	84.24	2.00	0.00	1.00	0.00
1.28	86.11	2.00	0.00	1.00	0.00	1.29	87.73	2.00	0.00	1.00	0.00
1.30	88.91	2.00	0.00	1.00	0.00	1.31	89.85	2.00	0.00	1.00	0.00
1.32	90.25	2.00	0.00	1.00	0.00	1.33	89.52	2.00	0.00	1.00	0.00
1.34	88.64	2.00	0.00	1.00	0.00	1.35	87.56	2.00	0.00	1.00	0.00
1.36	87.12	2.00	0.00	1.00	0.00	1.37	86.41	2.00	0.00	1.00	0.00
1.38	85.81	2.00	0.00	1.00	0.00	1.39	85.62	2.00	0.00	1.00	0.00
1.40	86.23	2.00	0.00	1.00	0.00	1.41	87.22	2.00	0.00	1.00	0.00
1.42	86.99	2.00	0.00	1.00	0.00	1.43	85.29	2.00	0.00	1.00	0.00
1.44	83.57	2.00	0.00	1.00	0.00	1.45	81.94	2.00	0.00	1.00	0.00
1.46	80.64	2.00	0.00	1.00	0.00	1.47	79.03	2.00	0.00	1.00	0.00
1.48	78.09	2.00	0.00	1.00	0.00	1.49	77.70	2.00	0.00	1.00	0.00
1.50	77.11	2.00	0.00	1.00	0.00	1.51	76.62	2.00	0.00	1.00	0.00
1.52	76.87	2.00	0.00	1.00	0.00	1.53	77.51	2.00	0.00	1.00	0.00
1.54	77.07	2.00	0.00	1.00	0.00	1.55	75.51	2.00	0.00	1.00	0.00
1.56	73.78	2.00	0.00	1.00	0.00	1.57	73.41	2.00	0.00	1.00	0.00
1.58	74.07	2.00	0.00	1.00	0.00	1.59	74.62	2.00	0.00	1.00	0.00
1.60	73.83	2.00	0.00	1.00	0.00	1.61	72.10	2.00	0.00	1.00	0.00
1.62	69.80	2.00	0.00	1.00	0.00	1.63	68.09	2.00	0.00	1.00	0.00
1.64	66.67	2.00	0.00	1.00	0.00	1.65	66.02	2.00	0.00	1.00	0.00
1.66	65.86	2.00	0.00	1.00	0.00	1.67	65.78	2.00	0.00	1.00	0.00
1.68	65.50	2.00	0.00	1.00	0.00	1.69	65.22	2.00	0.00	1.00	0.00
1.70	64.78	2.00	0.00	1.00	0.00	1.71	64.62	2.00	0.00	1.00	0.00
1.72	64.51	2.00	0.00	1.00	0.00	1.73	64.81	2.00	0.00	1.00	0.00
1.74	64.78	2.00	0.00	1.00	0.00	1.75	64.61	2.00	0.00	1.00	0.00
1.76	64.54	2.00	0.00	1.00	0.00	1.77	65.10	2.00	0.00	1.00	0.00
1.78	65.95	2.00	0.00	1.00	0.00	1.79	67.06	2.00	0.00	1.00	0.00
1.80	67.94	2.00	0.00	1.00	0.00	1.81	68.57	2.00	0.00	1.00	0.00
1.82	69.10	2.00	0.00	1.00	0.00	1.83	69.69	2.00	0.00	1.00	0.00
1.84	70.35	2.00	0.00	1.00	0.00	1.85	70.66	2.00	0.00	1.00	0.00
1.86	70.74	2.00	0.00	1.00	0.00	1.87	71.18	2.00	0.00	1.00	0.00
1.88	71.64	2.00	0.00	1.00	0.00	1.89	71.77	2.00	0.00	1.00	0.00
1.90	71.57	2.00	0.00	1.00	0.00	1.91	71.14	2.00	0.00	1.00	0.00
1.92	70.80	2.00	0.00	1.00	0.00	1.93	70.46	2.00	0.00	1.00	0.00
1.94	70.06	2.00	0.00	1.00	0.00	1.95	69.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	68.65	2.00	0.00	1.00	0.00	1.97	67.79	2.00	0.00	1.00	0.00
1.98	67.07	2.00	0.00	1.00	0.00	1.99	66.48	2.00	0.00	1.00	0.00
2.00	65.47	2.00	0.00	1.00	0.00	2.01	63.90	2.00	0.00	1.00	0.00
2.02	61.97	2.00	0.00	1.00	0.00	2.03	59.16	2.00	0.00	1.00	0.00
2.04	56.01	2.00	0.00	1.00	0.00	2.05	52.99	2.00	0.00	1.00	0.00
2.06	51.42	2.00	0.00	1.00	0.00	2.07	50.38	2.00	0.00	1.00	0.00
2.08	49.31	2.00	0.00	1.00	0.00	2.09	47.73	2.00	0.00	1.00	0.00
2.10	46.58	2.00	0.00	1.00	0.00	2.11	46.02	2.00	0.00	1.00	0.00
2.12	45.79	2.00	0.00	1.00	0.00	2.13	45.68	2.00	0.00	1.00	0.00
2.14	45.43	2.00	0.00	1.00	0.00	2.15	45.03	2.00	0.00	1.00	0.00
2.16	44.43	2.00	0.00	1.00	0.00	2.17	43.85	2.00	0.00	1.00	0.00
2.18	43.92	2.00	0.00	1.00	0.00	2.19	44.05	2.00	0.00	1.00	0.00
2.20	44.70	2.00	0.00	1.00	0.00	2.21	45.35	2.00	0.00	1.00	0.00
2.22	45.80	2.00	0.00	1.00	0.00	2.23	46.09	2.00	0.00	1.00	0.00
2.24	46.09	2.00	0.00	1.00	0.00	2.25	46.09	2.00	0.00	1.00	0.00
2.26	46.02	2.00	0.00	1.00	0.00	2.27	46.18	2.00	0.00	1.00	0.00
2.28	46.64	2.00	0.00	1.00	0.00	2.29	47.11	2.00	0.00	1.00	0.00
2.30	47.44	2.00	0.00	1.00	0.00	2.31	47.64	2.00	0.00	1.00	0.00
2.32	47.75	2.00	0.00	1.00	0.00	2.33	48.04	2.00	0.00	1.00	0.00
2.34	48.17	2.00	0.00	1.00	0.00	2.35	48.22	2.00	0.00	1.00	0.00
2.36	48.14	2.00	0.00	1.00	0.00	2.37	48.11	2.00	0.00	1.00	0.00
2.38	48.14	2.00	0.00	1.00	0.00	2.39	48.07	2.00	0.00	1.00	0.00
2.40	47.69	2.00	0.00	1.00	0.00	2.41	47.29	2.00	0.00	1.00	0.00
2.42	46.61	2.00	0.00	1.00	0.00	2.43	46.27	2.00	0.00	1.00	0.00
2.44	45.85	2.00	0.00	1.00	0.00	2.45	45.74	2.00	0.00	1.00	0.00
2.46	45.22	2.00	0.00	1.00	0.00	2.47	44.68	2.00	0.00	1.00	0.00
2.48	43.09	2.00	0.00	1.00	0.00	2.49	41.25	2.00	0.00	1.00	0.00
2.50	39.24	2.00	0.00	1.00	0.00	2.51	38.13	2.00	0.00	1.00	0.00
2.52	38.06	2.00	0.00	1.00	0.00	2.53	37.94	2.00	0.00	1.00	0.00
2.54	37.93	2.00	0.00	1.00	0.00	2.55	37.34	2.00	0.00	1.00	0.00
2.56	36.80	2.00	0.00	1.00	0.00	2.57	36.32	2.00	0.00	1.00	0.00
2.58	36.49	2.00	0.00	1.00	0.00	2.59	36.75	2.00	0.00	1.00	0.00
2.60	37.94	2.00	0.00	1.00	0.00	2.61	38.76	2.00	0.00	1.00	0.00
2.62	39.58	2.00	0.00	1.00	0.00	2.63	39.69	2.00	0.00	1.00	0.00
2.64	39.87	2.00	0.00	1.00	0.00	2.65	40.16	2.00	0.00	1.00	0.00
2.66	40.61	2.00	0.00	1.00	0.00	2.67	41.17	2.00	0.00	1.00	0.00
2.68	41.81	2.00	0.00	1.00	0.00	2.69	42.47	2.00	0.00	1.00	0.00
2.70	43.50	2.00	0.00	1.00	0.00	2.71	44.61	2.00	0.00	1.00	0.00
2.72	45.73	2.00	0.00	1.00	0.00	2.73	46.08	2.00	0.00	1.00	0.00
2.74	46.34	2.00	0.00	1.00	0.00	2.75	46.47	2.00	0.00	1.00	0.00
2.76	46.94	2.00	0.00	1.00	0.00	2.77	47.36	2.00	0.00	1.00	0.00
2.78	47.57	2.00	0.00	1.00	0.00	2.79	47.65	2.00	0.00	1.00	0.00
2.80	46.84	2.00	0.00	1.00	0.00	2.81	45.54	2.00	0.00	1.00	0.00
2.82	43.99	2.00	0.00	1.00	0.00	2.83	43.40	2.00	0.00	1.00	0.00
2.84	43.34	2.00	0.00	1.00	0.00	2.85	43.52	2.00	0.00	1.00	0.00
2.86	43.57	2.00	0.00	1.00	0.00	2.87	43.65	2.00	0.00	1.00	0.00
2.88	43.23	2.00	0.00	1.00	0.00	2.89	42.84	2.00	0.00	1.00	0.00
2.90	42.44	2.00	0.00	1.00	0.00	2.91	42.39	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	42.32	2.00	0.00	1.00	0.00	2.93	42.24	2.00	0.00	1.00	0.00
2.94	41.80	2.00	0.00	1.00	0.00	2.95	41.32	2.00	0.00	1.00	0.00
2.96	40.75	2.00	0.00	1.00	0.00	2.97	40.64	2.00	0.00	1.00	0.00
2.98	40.92	2.00	0.00	1.00	0.00	2.99	41.29	2.00	0.00	1.00	0.00
3.00	41.74	2.00	0.00	1.00	0.00	3.01	41.83	2.00	0.00	1.00	0.00
3.02	41.91	2.00	0.00	1.00	0.00	3.03	41.92	2.00	0.00	1.00	0.00
3.04	41.81	2.00	0.00	1.00	0.00	3.05	41.96	2.00	0.00	1.00	0.00
3.06	42.41	2.00	0.00	1.00	0.00	3.07	43.03	2.00	0.00	1.00	0.00
3.08	43.18	2.00	0.00	1.00	0.00	3.09	43.50	2.00	0.00	1.00	0.00
3.10	43.74	2.00	0.00	1.00	0.00	3.11	44.24	2.00	0.00	1.00	0.00
3.12	44.21	2.00	0.00	1.00	0.00	3.13	44.01	2.00	0.00	1.00	0.00
3.14	43.99	2.00	0.00	1.00	0.00	3.15	43.92	2.00	0.00	1.00	0.00
3.16	43.97	2.00	0.00	1.00	0.00	3.17	43.93	2.00	0.00	1.00	0.00
3.18	44.37	2.00	0.00	1.00	0.00	3.19	44.89	2.00	0.00	1.00	0.00
3.20	45.30	2.00	0.00	1.00	0.00	3.21	45.32	2.00	0.00	1.00	0.00
3.22	45.27	2.00	0.00	1.00	0.00	3.23	45.22	2.00	0.00	1.00	0.00
3.24	45.26	2.00	0.00	1.00	0.00	3.25	45.74	2.00	0.00	1.00	0.00
3.26	46.14	2.00	0.00	1.00	0.00	3.27	46.55	2.00	0.00	1.00	0.00
3.28	46.68	2.00	0.00	1.00	0.00	3.29	46.90	2.00	0.00	1.00	0.00
3.30	46.99	2.00	0.00	1.00	0.00	3.31	46.66	2.00	0.00	1.00	0.00
3.32	46.16	2.00	0.00	1.00	0.00	3.33	45.63	2.00	0.00	1.00	0.00
3.34	44.98	2.00	0.00	1.00	0.00	3.35	44.50	2.00	0.00	1.00	0.00
3.36	44.27	2.00	0.00	1.00	0.00	3.37	44.03	2.00	0.00	1.00	0.00
3.38	43.82	2.00	0.00	1.00	0.00	3.39	43.25	2.00	0.00	1.00	0.00
3.40	42.93	2.00	0.00	1.00	0.00	3.41	42.51	2.00	0.00	1.00	0.00
3.42	42.05	2.00	0.00	1.00	0.00	3.43	41.55	2.00	0.00	1.00	0.00
3.44	40.98	2.00	0.00	1.00	0.00	3.45	40.71	2.00	0.00	1.00	0.00
3.46	40.44	2.00	0.00	1.00	0.00	3.47	40.19	2.00	0.00	1.00	0.00
3.48	40.04	2.00	0.00	1.00	0.00	3.49	40.44	2.00	0.00	1.00	0.00
3.50	41.26	2.00	0.00	1.00	0.00	3.51	42.20	2.00	0.00	1.00	0.00
3.52	42.78	2.00	0.00	1.00	0.00	3.53	43.17	2.00	0.00	1.00	0.00
3.54	43.43	2.00	0.00	1.00	0.00	3.55	43.95	2.00	0.00	1.00	0.00
3.56	44.87	2.00	0.00	1.00	0.00	3.57	45.81	2.00	0.00	1.00	0.00
3.58	46.61	2.00	0.00	1.00	0.00	3.59	47.30	2.00	0.00	1.00	0.00
3.60	48.50	2.00	0.00	1.00	0.00	3.61	49.89	2.00	0.00	1.00	0.00
3.62	51.39	2.00	0.00	1.00	0.00	3.63	53.13	2.00	0.00	1.00	0.00
3.64	54.92	2.00	0.00	1.00	0.00	3.65	56.87	2.00	0.00	1.00	0.00
3.66	58.85	2.00	0.00	1.00	0.00	3.67	60.70	2.00	0.00	1.00	0.00
3.68	62.11	2.00	0.00	1.00	0.00	3.69	63.05	2.00	0.00	1.00	0.00
3.70	64.31	2.00	0.00	1.00	0.00	3.71	65.75	2.00	0.00	1.00	0.00
3.72	66.80	2.00	0.00	1.00	0.00	3.73	67.28	2.00	0.00	1.00	0.00
3.74	67.57	2.00	0.00	1.00	0.00	3.75	67.94	2.00	0.00	1.00	0.00
3.76	68.22	2.00	0.00	1.00	0.00	3.77	68.32	2.00	0.00	1.00	0.00
3.78	68.46	2.00	0.00	1.00	0.00	3.79	68.54	2.00	0.00	1.00	0.00
3.80	68.54	2.00	0.00	1.00	0.00	3.81	68.39	2.00	0.00	1.00	0.00
3.82	68.26	2.00	0.00	1.00	0.00	3.83	68.17	2.00	0.00	1.00	0.00
3.84	68.05	2.00	0.00	1.00	0.00	3.85	67.68	2.00	0.00	1.00	0.00
3.86	67.35	2.00	0.00	1.00	0.00	3.87	67.13	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
3.88	67.54	2.00	0.00	1.00	0.00	3.89	68.36	2.00	0.00	1.00	0.00
3.90	70.15	2.00	0.00	1.00	0.00	3.91	72.05	2.00	0.00	1.00	0.00
3.92	73.66	2.00	0.00	1.00	0.00	3.93	75.14	2.00	0.00	1.00	0.00
3.94	76.38	2.00	0.00	1.00	0.00	3.95	77.86	2.00	0.00	1.00	0.00
3.96	78.75	2.00	0.00	1.00	0.00	3.97	79.48	2.00	0.00	1.00	0.00
3.98	79.86	2.00	0.00	1.00	0.00	3.99	80.13	2.00	0.00	1.00	0.00
4.00	80.64	2.00	0.00	1.00	0.00	4.01	81.02	2.00	0.00	1.00	0.00
4.02	81.03	2.00	0.00	1.00	0.00	4.03	80.61	2.00	0.00	1.00	0.00
4.04	79.12	2.00	0.00	1.00	0.00	4.05	77.62	2.00	0.00	1.00	0.00
4.06	75.87	2.00	0.00	1.00	0.00	4.07	74.72	2.00	0.00	1.00	0.00
4.08	73.64	2.00	0.00	1.00	0.00	4.09	72.61	2.00	0.00	1.00	0.00
4.10	71.81	2.00	0.00	1.00	0.00	4.11	70.89	2.00	0.00	1.00	0.00
4.12	69.72	2.00	0.00	1.00	0.00	4.13	68.65	2.00	0.00	1.00	0.00
4.14	67.65	2.00	0.00	1.00	0.00	4.15	67.65	2.00	0.00	1.00	0.00
4.16	68.47	2.00	0.00	1.00	0.00	4.17	69.84	2.00	0.00	1.00	0.00
4.18	71.63	2.00	0.00	1.00	0.00	4.19	73.12	2.00	0.00	1.00	0.00
4.20	74.27	2.00	0.00	1.00	0.00	4.21	74.64	2.00	0.00	1.00	0.00
4.22	74.69	2.00	0.00	1.00	0.00	4.23	74.42	2.00	0.00	1.00	0.00
4.24	74.08	2.00	0.00	1.00	0.00	4.25	73.81	2.00	0.00	1.00	0.00
4.26	73.58	2.00	0.00	1.00	0.00	4.27	73.78	2.00	0.00	1.00	0.00
4.28	73.66	2.00	0.00	1.00	0.00	4.29	73.41	2.00	0.00	1.00	0.00
4.30	72.69	2.00	0.00	1.00	0.00	4.31	71.62	2.00	0.00	1.00	0.00
4.32	70.26	2.00	0.00	1.00	0.00	4.33	68.62	2.00	0.00	1.00	0.00
4.34	66.81	2.00	0.00	1.00	0.00	4.35	65.08	2.00	0.00	1.00	0.00
4.36	63.13	2.00	0.00	1.00	0.00	4.37	61.75	2.00	0.00	1.00	0.00
4.38	60.37	2.00	0.00	1.00	0.00	4.39	59.58	2.00	0.00	1.00	0.00
4.40	59.21	2.00	0.00	1.00	0.00	4.41	59.07	2.00	0.00	1.00	0.00
4.42	59.05	2.00	0.00	1.00	0.00	4.43	59.09	2.00	0.00	1.00	0.00
4.44	59.32	2.00	0.00	1.00	0.00	4.45	59.73	2.00	0.00	1.00	0.00
4.46	60.25	2.00	0.00	1.00	0.00	4.47	60.69	2.00	0.00	1.00	0.00
4.48	61.12	2.00	0.00	1.00	0.00	4.49	61.34	2.00	0.00	1.00	0.00
4.50	61.44	2.00	0.00	1.00	0.00	4.51	61.31	2.00	0.00	1.00	0.00
4.52	61.19	2.00	0.00	1.00	0.00	4.53	61.12	2.00	0.00	1.00	0.00
4.54	61.05	2.00	0.00	1.00	0.00	4.55	60.90	2.00	0.00	1.00	0.00
4.56	60.74	2.00	0.00	1.00	0.00	4.57	60.67	2.00	0.00	1.00	0.00
4.58	60.23	2.00	0.00	1.00	0.00	4.59	59.81	2.00	0.00	1.00	0.00
4.60	59.31	2.00	0.00	1.00	0.00	4.61	59.15	2.00	0.00	1.00	0.00
4.62	59.08	2.00	0.00	1.00	0.00	4.63	59.88	2.00	0.00	1.00	0.00
4.64	61.10	2.00	0.00	1.00	0.00	4.65	62.55	2.00	0.00	1.00	0.00
4.66	63.55	2.00	0.00	1.00	0.00	4.67	64.27	2.00	0.00	1.00	0.00
4.68	64.94	2.00	0.00	1.00	0.00	4.69	66.15	2.00	0.00	1.00	0.00
4.70	67.88	2.00	0.00	1.00	0.00	4.71	70.13	2.00	0.00	1.00	0.00
4.72	72.57	2.00	0.00	1.00	0.00	4.73	74.51	2.00	0.00	1.00	0.00
4.74	76.27	2.00	0.00	1.00	0.00	4.75	78.13	2.00	0.00	1.00	0.00
4.76	81.00	2.00	0.00	1.00	0.00	4.77	83.29	2.00	0.00	1.00	0.00
4.78	84.90	2.00	0.00	1.00	0.00	4.79	85.98	2.00	0.00	1.00	0.00
4.80	88.43	2.00	0.00	1.00	0.00	4.81	90.83	2.00	0.00	1.00	0.00
4.82	92.82	2.00	0.00	1.00	0.00	4.83	94.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	95.15	2.00	0.00	1.00	0.00	4.85	95.99	2.00	0.00	1.00	0.00
4.86	93.59	2.00	0.00	1.00	0.00	4.87	89.95	2.00	0.00	1.00	0.00
4.88	85.17	2.00	0.00	1.00	0.00	4.89	85.84	2.00	0.00	1.00	0.00
4.90	86.07	2.00	0.00	1.00	0.00	4.91	85.82	2.00	0.00	1.00	0.00
4.92	84.24	2.00	0.00	1.00	0.00	4.93	82.50	2.00	0.00	1.00	0.00
4.94	80.69	2.00	0.00	1.00	0.00	4.95	77.95	2.00	0.00	1.00	0.00
4.96	74.78	2.00	0.00	1.00	0.00	4.97	71.53	2.00	0.00	1.00	0.00
4.98	68.57	2.00	0.00	1.00	0.00	4.99	65.71	2.00	0.00	1.00	0.00
5.00	62.57	2.00	0.00	1.00	0.00	5.01	60.18	2.00	0.00	1.00	0.00
5.02	57.77	2.00	0.00	1.00	0.00	5.03	55.77	2.00	0.00	1.00	0.00
5.04	53.47	2.00	0.00	1.00	0.00	5.05	51.54	2.00	0.00	1.00	0.00
5.06	49.72	2.00	0.00	1.00	0.00	5.07	48.54	2.00	0.00	1.00	0.00
5.08	47.70	2.00	0.00	1.00	0.00	5.09	46.99	2.00	0.00	1.00	0.00
5.10	46.20	2.00	0.00	1.00	0.00	5.11	45.23	2.00	0.00	1.00	0.00
5.12	43.98	2.00	0.00	1.00	0.00	5.13	43.03	2.00	0.00	1.00	0.00
5.14	42.29	2.00	0.00	1.00	0.00	5.15	42.02	2.00	0.00	1.00	0.00
5.16	41.87	2.00	0.00	1.00	0.00	5.17	41.72	2.00	0.00	1.00	0.00
5.18	41.50	2.00	0.00	1.00	0.00	5.19	41.02	2.00	0.00	1.00	0.00
5.20	40.56	2.00	0.00	1.00	0.00	5.21	39.74	2.00	0.00	1.00	0.00
5.22	39.23	2.00	0.00	1.00	0.00	5.23	38.76	2.00	0.00	1.00	0.00
5.24	38.63	2.00	0.00	1.00	0.00	5.25	38.39	2.00	0.00	1.00	0.00
5.26	38.06	2.00	0.00	1.00	0.00	5.27	37.80	2.00	0.00	1.00	0.00
5.28	37.54	2.00	0.00	1.00	0.00	5.29	37.14	2.00	0.00	1.00	0.00
5.30	36.72	2.00	0.00	1.00	0.00	5.31	36.35	2.00	0.00	1.00	0.00
5.32	36.21	2.00	0.00	1.00	0.00	5.33	36.08	2.00	0.00	1.00	0.00
5.34	35.91	2.00	0.00	1.00	0.00	5.35	35.74	2.00	0.00	1.00	0.00
5.36	35.53	2.00	0.00	1.00	0.00	5.37	35.26	2.00	0.00	1.00	0.00
5.38	34.96	2.00	0.00	1.00	0.00	5.39	34.68	2.00	0.00	1.00	0.00
5.40	34.52	2.00	0.00	1.00	0.00	5.41	34.36	2.00	0.00	1.00	0.00
5.42	34.26	2.00	0.00	1.00	0.00	5.43	34.22	2.00	0.00	1.00	0.00
5.44	34.23	2.00	0.00	1.00	0.00	5.45	34.17	2.00	0.00	1.00	0.00
5.46	34.13	2.00	0.00	1.00	0.00	5.47	34.10	2.00	0.00	1.00	0.00
5.48	34.12	2.00	0.00	1.00	0.00	5.49	34.11	2.00	0.00	1.00	0.00
5.50	34.05	2.00	0.00	1.00	0.00	5.51	34.04	2.00	0.00	1.00	0.00
5.52	34.01	2.00	0.00	1.00	0.00	5.53	33.98	2.00	0.00	1.00	0.00
5.54	33.95	2.00	0.00	1.00	0.00	5.55	33.97	2.00	0.00	1.00	0.00
5.56	33.98	2.00	0.00	1.00	0.00	5.57	33.97	2.00	0.00	1.00	0.00
5.58	33.90	2.00	0.00	1.00	0.00	5.59	33.76	2.00	0.00	1.00	0.00
5.60	33.57	2.00	0.00	1.00	0.00	5.61	33.61	2.00	0.00	1.00	0.00
5.62	33.71	2.00	0.00	1.00	0.00	5.63	33.86	2.00	0.00	1.00	0.00
5.64	33.85	2.00	0.00	1.00	0.00	5.65	33.83	2.00	0.00	1.00	0.00
5.66	33.59	2.00	0.00	1.00	0.00	5.67	33.42	2.00	0.00	1.00	0.00
5.68	33.30	2.00	0.00	1.00	0.00	5.69	33.48	2.00	0.00	1.00	0.00
5.70	33.67	2.00	0.00	1.00	0.00	5.71	33.84	2.00	0.00	1.00	0.00
5.72	33.87	2.00	0.00	1.00	0.00	5.73	33.82	2.00	0.00	1.00	0.00
5.74	33.72	2.00	0.00	1.00	0.00	5.75	33.95	2.00	0.00	1.00	0.00
5.76	33.99	2.00	0.00	1.00	0.00	5.77	34.03	2.00	0.00	1.00	0.00
5.78	34.06	2.00	0.00	1.00	0.00	5.79	34.00	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	34.12	2.00	0.00	1.00	0.00	5.81	33.93	2.00	0.00	1.00	0.00
5.82	33.98	2.00	0.00	1.00	0.00	5.83	33.85	2.00	0.00	1.00	0.00
5.84	33.75	2.00	0.00	1.00	0.00	5.85	33.66	2.00	0.00	1.00	0.00
5.86	33.63	2.00	0.00	1.00	0.00	5.87	32.38	2.00	0.00	1.00	0.00
5.88	31.19	2.00	0.00	1.00	0.00	5.89	29.81	2.00	0.00	1.00	0.00
5.90	30.50	2.00	0.00	1.00	0.00	5.91	30.81	2.00	0.00	1.00	0.00
5.92	31.15	2.00	0.00	1.00	0.00	5.93	31.44	2.00	0.00	1.00	0.00
5.94	31.74	2.00	0.00	1.00	0.00	5.95	31.95	2.00	0.00	1.00	0.00
5.96	32.13	2.00	0.00	1.00	0.00	5.97	32.46	2.00	0.00	1.00	0.00
5.98	32.76	2.00	0.00	1.00	0.00	5.99	33.00	2.00	0.00	1.00	0.00
6.00	32.87	2.00	0.00	1.00	0.00	6.01	32.68	2.00	0.00	1.00	0.00
6.02	32.59	2.00	0.00	1.00	0.00	6.03	32.72	2.00	0.00	1.00	0.00
6.04	32.99	2.00	0.00	1.00	0.00	6.05	33.17	2.00	0.00	1.00	0.00
6.06	33.37	2.00	0.00	1.00	0.00	6.07	33.48	2.00	0.00	1.00	0.00
6.08	33.67	2.00	0.00	1.00	0.00	6.09	34.10	2.00	0.00	1.00	0.00
6.10	34.66	2.00	0.00	1.00	0.00	6.11	35.24	2.00	0.00	1.00	0.00
6.12	35.87	2.00	0.00	1.00	0.00	6.13	36.54	2.00	0.00	1.00	0.00
6.14	37.29	2.00	0.00	1.00	0.00	6.15	37.94	2.00	0.00	1.00	0.00
6.16	38.49	2.00	0.00	1.00	0.00	6.17	38.93	2.00	0.00	1.00	0.00
6.18	39.27	2.00	0.00	1.00	0.00	6.19	39.56	2.00	0.00	1.00	0.00
6.20	39.92	2.00	0.00	1.00	0.00	6.21	40.26	2.00	0.00	1.00	0.00
6.22	40.50	2.00	0.00	1.00	0.00	6.23	40.58	2.00	0.00	1.00	0.00
6.24	40.34	2.00	0.00	1.00	0.00	6.25	40.02	2.00	0.00	1.00	0.00
6.26	39.62	2.00	0.00	1.00	0.00	6.27	39.42	2.00	0.00	1.00	0.00
6.28	39.20	2.00	0.00	1.00	0.00	6.29	38.94	2.00	0.00	1.00	0.00
6.30	38.64	2.00	0.00	1.00	0.00	6.31	38.36	2.00	0.00	1.00	0.00
6.32	38.18	2.00	0.00	1.00	0.00	6.33	37.99	2.00	0.00	1.00	0.00
6.34	37.86	2.00	0.00	1.00	0.00	6.35	37.61	2.00	0.00	1.00	0.00
6.36	37.43	2.00	0.00	1.00	0.00	6.37	37.27	2.00	0.00	1.00	0.00
6.38	37.16	2.00	0.00	1.00	0.00	6.39	36.92	2.00	0.00	1.00	0.00
6.40	36.67	2.00	0.00	1.00	0.00	6.41	36.34	2.00	0.00	1.00	0.00
6.42	36.06	2.00	0.00	1.00	0.00	6.43	35.64	2.00	0.00	1.00	0.00
6.44	35.24	2.00	0.00	1.00	0.00	6.45	34.81	2.00	0.00	1.00	0.00
6.46	34.43	2.00	0.00	1.00	0.00	6.47	34.15	2.00	0.00	1.00	0.00
6.48	33.97	2.00	0.00	1.00	0.00	6.49	33.80	2.00	0.00	1.00	0.00
6.50	33.53	2.00	0.00	1.00	0.00	6.51	33.32	2.00	0.00	1.00	0.00
6.52	33.12	2.00	0.00	1.00	0.00	6.53	33.04	2.00	0.00	1.00	0.00
6.54	32.91	2.00	0.00	1.00	0.00	6.55	32.74	2.00	0.00	1.00	0.00
6.56	32.54	2.00	0.00	1.00	0.00	6.57	32.44	2.00	0.00	1.00	0.00
6.58	32.48	2.00	0.00	1.00	0.00	6.59	32.67	2.00	0.00	1.00	0.00
6.60	32.91	2.00	0.00	1.00	0.00	6.61	33.05	2.00	0.00	1.00	0.00
6.62	33.15	2.00	0.00	1.00	0.00	6.63	33.22	2.00	0.00	1.00	0.00
6.64	33.35	2.00	0.00	1.00	0.00	6.65	33.51	2.00	0.00	1.00	0.00
6.66	33.80	2.00	0.00	1.00	0.00	6.67	34.02	2.00	0.00	1.00	0.00
6.68	34.14	2.00	0.00	1.00	0.00	6.69	34.14	2.00	0.00	1.00	0.00
6.70	34.20	2.00	0.00	1.00	0.00	6.71	34.32	2.00	0.00	1.00	0.00
6.72	34.58	2.00	0.00	1.00	0.00	6.73	35.15	2.00	0.00	1.00	0.00
6.74	35.81	2.00	0.00	1.00	0.00	6.75	36.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	36.48	2.00	0.00	1.00	0.00	6.77	36.61	2.00	0.00	1.00	0.00
6.78	36.93	2.00	0.00	1.00	0.00	6.79	37.18	2.00	0.00	1.00	0.00
6.80	37.39	2.00	0.00	1.00	0.00	6.81	37.62	2.00	0.00	1.00	0.00
6.82	37.75	2.00	0.00	1.00	0.00	6.83	38.04	2.00	0.00	1.00	0.00
6.84	38.13	2.00	0.00	1.00	0.00	6.85	38.28	2.00	0.00	1.00	0.00
6.86	38.25	2.00	0.00	1.00	0.00	6.87	37.14	2.00	0.00	1.00	0.00
6.88	35.92	2.00	0.00	1.00	0.00	6.89	34.52	2.00	0.00	1.00	0.00
6.90	35.02	2.00	0.00	1.00	0.00	6.91	35.49	2.00	0.00	1.00	0.00
6.92	36.01	2.00	0.00	1.00	0.00	6.93	36.64	2.00	0.00	1.00	0.00
6.94	37.24	2.00	0.00	1.00	0.00	6.95	37.80	2.00	0.00	1.00	0.00
6.96	38.21	2.00	0.00	1.00	0.00	6.97	38.57	2.00	0.00	1.00	0.00
6.98	38.91	2.00	0.00	1.00	0.00	6.99	39.21	2.00	0.00	1.00	0.00
7.00	39.42	2.00	0.00	1.00	0.00	7.01	39.46	2.00	0.00	1.00	0.00
7.02	39.37	2.00	0.00	1.00	0.00	7.03	39.34	2.00	0.00	1.00	0.00
7.04	39.39	2.00	0.00	1.00	0.00	7.05	39.39	2.00	0.00	1.00	0.00
7.06	39.26	2.00	0.00	1.00	0.00	7.07	38.98	2.00	0.00	1.00	0.00
7.08	38.67	2.00	0.00	1.00	0.00	7.09	38.36	2.00	0.00	1.00	0.00
7.10	38.27	2.00	0.00	1.00	0.00	7.11	38.17	2.00	0.00	1.00	0.00
7.12	38.04	2.00	0.00	1.00	0.00	7.13	37.76	2.00	0.00	1.00	0.00
7.14	37.52	2.00	0.00	1.00	0.00	7.15	37.45	2.00	0.00	1.00	0.00
7.16	37.38	2.00	0.00	1.00	0.00	7.17	37.35	2.00	0.00	1.00	0.00
7.18	37.26	2.00	0.00	1.00	0.00	7.19	37.38	2.00	0.00	1.00	0.00
7.20	37.44	2.00	0.00	1.00	0.00	7.21	37.51	2.00	0.00	1.00	0.00
7.22	37.60	2.00	0.00	1.00	0.00	7.23	37.69	2.00	0.00	1.00	0.00
7.24	37.83	2.00	0.00	1.00	0.00	7.25	37.92	2.00	0.00	1.00	0.00
7.26	38.30	2.00	0.00	1.00	0.00	7.27	38.70	2.00	0.00	1.00	0.00
7.28	38.96	2.00	0.00	1.00	0.00	7.29	38.85	2.00	0.00	1.00	0.00
7.30	38.72	2.00	0.00	1.00	0.00	7.31	38.71	2.00	0.00	1.00	0.00
7.32	38.83	2.00	0.00	1.00	0.00	7.33	38.92	2.00	0.00	1.00	0.00
7.34	39.03	2.00	0.00	1.00	0.00	7.35	39.09	2.00	0.00	1.00	0.00
7.36	39.00	2.00	0.00	1.00	0.00	7.37	38.81	2.00	0.00	1.00	0.00
7.38	38.46	2.00	0.00	1.00	0.00	7.39	38.09	2.00	0.00	1.00	0.00
7.40	37.68	2.00	0.00	1.00	0.00	7.41	37.38	2.00	0.00	1.00	0.00
7.42	37.00	2.00	0.00	1.00	0.00	7.43	36.94	2.00	0.00	1.00	0.00
7.44	37.00	2.00	0.00	1.00	0.00	7.45	37.12	2.00	0.00	1.00	0.00
7.46	36.90	2.00	0.00	1.00	0.00	7.47	36.47	2.00	0.00	1.00	0.00
7.48	35.95	2.00	0.00	1.00	0.00	7.49	35.47	2.00	0.00	1.00	0.00
7.50	35.24	2.00	0.00	1.00	0.00	7.51	35.09	2.00	0.00	1.00	0.00
7.52	34.85	2.00	0.00	1.00	0.00	7.53	34.49	2.00	0.00	1.00	0.00
7.54	34.10	2.00	0.00	1.00	0.00	7.55	34.06	2.00	0.00	1.00	0.00
7.56	34.25	2.00	0.00	1.00	0.00	7.57	34.57	2.00	0.00	1.00	0.00
7.58	34.77	2.00	0.00	1.00	0.00	7.59	35.02	2.00	0.00	1.00	0.00
7.60	35.31	2.00	0.00	1.00	0.00	7.61	35.57	2.00	0.00	1.00	0.00
7.62	35.67	2.00	0.00	1.00	0.00	7.63	35.72	2.00	0.00	1.00	0.00
7.64	35.72	2.00	0.00	1.00	0.00	7.65	35.85	2.00	0.00	1.00	0.00
7.66	35.88	2.00	0.00	1.00	0.00	7.67	35.98	2.00	0.00	1.00	0.00
7.68	36.06	2.00	0.00	1.00	0.00	7.69	36.30	2.00	0.00	1.00	0.00
7.70	36.42	2.00	0.00	1.00	0.00	7.71	36.20	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	35.78	2.00	0.00	1.00	0.00	7.73	35.39	2.00	0.00	1.00	0.00
7.74	35.20	2.00	0.00	1.00	0.00	7.75	35.17	2.00	0.00	1.00	0.00
7.76	35.21	2.00	0.00	1.00	0.00	7.77	35.31	2.00	0.00	1.00	0.00
7.78	35.41	2.00	0.00	1.00	0.00	7.79	35.51	2.00	0.00	1.00	0.00
7.80	35.60	2.00	0.00	1.00	0.00	7.81	35.73	2.00	0.00	1.00	0.00
7.82	35.89	2.00	0.00	1.00	0.00	7.83	36.02	2.00	0.00	1.00	0.00
7.84	36.11	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	36.17	2.00	0.00	1.00	0.00	7.87	33.99	2.00	0.00	1.00	0.00
7.88	32.08	2.00	0.00	1.00	0.00	7.89	30.13	2.00	0.00	1.00	0.00
7.90	31.32	2.00	0.00	1.00	0.00	7.91	32.11	2.00	0.00	1.00	0.00
7.92	32.84	2.00	0.00	1.00	0.00	7.93	33.57	2.00	0.00	1.00	0.00
7.94	34.36	2.00	0.00	1.00	0.00	7.95	34.87	2.00	0.00	1.00	0.00
7.96	35.14	2.00	0.00	1.00	0.00	7.97	34.91	2.00	0.00	1.00	0.00
7.98	34.84	2.00	0.00	1.00	0.00	7.99	34.96	2.00	0.00	1.00	0.00
8.00	35.23	2.00	0.00	1.00	0.00	8.01	35.14	2.00	0.00	1.00	0.00
8.02	35.04	2.00	0.00	1.00	0.00	8.03	35.07	2.00	0.00	1.00	0.00
8.04	35.42	2.00	0.00	1.00	0.00	8.05	35.16	2.00	0.00	1.00	0.00
8.06	35.04	2.00	0.00	1.00	0.00	8.07	35.39	2.00	0.00	1.00	0.00
8.08	36.44	2.00	0.00	1.00	0.00	8.09	36.86	2.00	0.00	1.00	0.00
8.10	36.42	2.00	0.00	1.00	0.00	8.11	35.74	2.00	0.00	1.00	0.00
8.12	35.45	2.00	0.00	1.00	0.00	8.13	35.44	2.00	0.00	1.00	0.00
8.14	35.35	2.00	0.00	1.00	0.00	8.15	35.20	2.00	0.00	1.00	0.00
8.16	34.92	2.00	0.00	1.00	0.00	8.17	34.50	2.00	0.00	1.00	0.00
8.18	33.86	2.00	0.00	1.00	0.00	8.19	33.52	2.00	0.00	1.00	0.00
8.20	33.67	2.00	0.00	1.00	0.00	8.21	34.01	2.00	0.00	1.00	0.00
8.22	34.19	2.00	0.00	1.00	0.00	8.23	34.11	2.00	0.00	1.00	0.00
8.24	34.00	2.00	0.00	1.00	0.00	8.25	34.00	2.00	0.00	1.00	0.00
8.26	34.04	2.00	0.00	1.00	0.00	8.27	34.16	2.00	0.00	1.00	0.00
8.28	34.27	2.00	0.00	1.00	0.00	8.29	34.42	2.00	0.00	1.00	0.00
8.30	34.58	2.00	0.00	1.00	0.00	8.31	34.69	2.00	0.00	1.00	0.00
8.32	34.94	2.00	0.00	1.00	0.00	8.33	35.19	2.00	0.00	1.00	0.00
8.34	35.47	2.00	0.00	1.00	0.00	8.35	35.58	2.00	0.00	1.00	0.00
8.36	35.66	2.00	0.00	1.00	0.00	8.37	35.60	2.00	0.00	1.00	0.00
8.38	35.54	2.00	0.00	1.00	0.00	8.39	35.47	2.00	0.00	1.00	0.00
8.40	35.51	2.00	0.00	1.00	0.00	8.41	35.57	2.00	0.00	1.00	0.00
8.42	35.65	2.00	0.00	1.00	0.00	8.43	35.72	2.00	0.00	1.00	0.00
8.44	35.83	2.00	0.00	1.00	0.00	8.45	36.00	2.00	0.00	1.00	0.00
8.46	36.17	2.00	0.00	1.00	0.00	8.47	36.31	2.00	0.00	1.00	0.00
8.48	36.38	2.00	0.00	1.00	0.00	8.49	36.42	2.00	0.00	1.00	0.00
8.50	36.50	2.00	0.00	1.00	0.00	8.51	36.61	2.00	0.00	1.00	0.00
8.52	36.71	2.00	0.00	1.00	0.00	8.53	36.73	2.00	0.00	1.00	0.00
8.54	36.69	2.00	0.00	1.00	0.00	8.55	36.69	2.00	0.00	1.00	0.00
8.56	36.73	2.00	0.00	1.00	0.00	8.57	36.73	2.00	0.00	1.00	0.00
8.58	36.66	2.00	0.00	1.00	0.00	8.59	36.58	2.00	0.00	1.00	0.00
8.60	36.52	2.00	0.00	1.00	0.00	8.61	36.45	2.00	0.00	1.00	0.00
8.62	36.35	2.00	0.00	1.00	0.00	8.63	36.25	2.00	0.00	1.00	0.00
8.64	36.14	2.00	0.00	1.00	0.00	8.65	36.11	2.00	0.00	1.00	0.00
8.66	36.14	2.00	0.00	1.00	0.00	8.67	36.14	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	36.14	2.00	0.00	1.00	0.00	8.69	36.14	2.00	0.00	1.00	0.00
8.70	36.18	2.00	0.00	1.00	0.00	8.71	36.21	2.00	0.00	1.00	0.00
8.72	36.24	2.00	0.00	1.00	0.00	8.73	36.34	2.00	0.00	1.00	0.00
8.74	36.34	2.00	0.00	1.00	0.00	8.75	36.31	2.00	0.00	1.00	0.00
8.76	36.27	2.00	0.00	1.00	0.00	8.77	36.30	2.00	0.00	1.00	0.00
8.78	36.33	2.00	0.00	1.00	0.00	8.79	36.36	2.00	0.00	1.00	0.00
8.80	36.39	2.00	0.00	1.00	0.00	8.81	36.50	2.00	0.00	1.00	0.00
8.82	36.54	2.00	0.00	1.00	0.00	8.83	36.64	2.00	0.00	1.00	0.00
8.84	36.72	2.00	0.00	1.00	0.00	8.85	36.81	2.00	0.00	1.00	0.00
8.86	36.84	2.00	0.00	1.00	0.00	8.87	34.68	2.00	0.00	1.00	0.00
8.88	32.74	2.00	0.00	1.00	0.00	8.89	30.79	2.00	0.00	1.00	0.00
8.90	31.89	2.00	0.00	1.00	0.00	8.91	32.59	2.00	0.00	1.00	0.00
8.92	33.45	2.00	0.00	1.00	0.00	8.93	34.10	2.00	0.00	1.00	0.00
8.94	34.61	2.00	0.00	1.00	0.00	8.95	34.71	2.00	0.00	1.00	0.00
8.96	34.96	2.00	0.00	1.00	0.00	8.97	35.29	2.00	0.00	1.00	0.00
8.98	35.65	2.00	0.00	1.00	0.00	8.99	35.94	2.00	0.00	1.00	0.00
9.00	36.08	2.00	0.00	1.00	0.00	9.01	36.16	2.00	0.00	1.00	0.00
9.02	36.10	2.00	0.00	1.00	0.00	9.03	36.01	2.00	0.00	1.00	0.00
9.04	36.02	2.00	0.00	1.00	0.00	9.05	36.12	2.00	0.00	1.00	0.00
9.06	36.25	2.00	0.00	1.00	0.00	9.07	36.38	2.00	0.00	1.00	0.00
9.08	36.41	2.00	0.00	1.00	0.00	9.09	36.40	2.00	0.00	1.00	0.00
9.10	36.31	2.00	0.00	1.00	0.00	9.11	36.35	2.00	0.00	1.00	0.00
9.12	36.58	2.00	0.00	1.00	0.00	9.13	36.85	2.00	0.00	1.00	0.00
9.14	37.15	2.00	0.00	1.00	0.00	9.15	37.34	2.00	0.00	1.00	0.00
9.16	37.49	2.00	0.00	1.00	0.00	9.17	37.36	2.00	0.00	1.00	0.00
9.18	37.02	2.00	0.00	1.00	0.00	9.19	36.65	2.00	0.00	1.00	0.00
9.20	36.39	2.00	0.00	1.00	0.00	9.21	36.31	2.00	0.00	1.00	0.00
9.22	36.19	2.00	0.00	1.00	0.00	9.23	36.19	2.00	0.00	1.00	0.00
9.24	36.27	2.00	0.00	1.00	0.00	9.25	36.51	2.00	0.00	1.00	0.00
9.26	36.80	2.00	0.00	1.00	0.00	9.27	36.93	2.00	0.00	1.00	0.00
9.28	37.30	2.00	0.00	1.00	0.00	9.29	37.72	2.00	0.00	1.00	0.00
9.30	38.48	2.00	0.00	1.00	0.00	9.31	39.49	2.00	0.00	1.00	0.00
9.32	40.58	2.00	0.00	1.00	0.00	9.33	41.61	2.00	0.00	1.00	0.00
9.34	42.70	2.00	0.00	1.00	0.00	9.35	43.82	2.00	0.00	1.00	0.00
9.36	44.96	2.00	0.00	1.00	0.00	9.37	46.01	2.00	0.00	1.00	0.00
9.38	46.97	2.00	0.00	1.00	0.00	9.39	47.88	2.00	0.00	1.00	0.00
9.40	48.55	2.00	0.00	1.00	0.00	9.41	49.03	2.00	0.00	1.00	0.00
9.42	49.20	2.00	0.00	1.00	0.00	9.43	48.99	2.00	0.00	1.00	0.00
9.44	48.67	2.00	0.00	1.00	0.00	9.45	48.35	2.00	0.00	1.00	0.00
9.46	48.19	2.00	0.00	1.00	0.00	9.47	48.02	2.00	0.00	1.00	0.00
9.48	47.64	2.00	0.00	1.00	0.00	9.49	46.71	2.00	0.00	1.00	0.00
9.50	45.59	2.00	0.00	1.00	0.00	9.51	44.42	2.00	0.00	1.00	0.00
9.52	43.67	2.00	0.00	1.00	0.00	9.53	43.20	2.00	0.00	1.00	0.00
9.54	42.92	2.00	0.00	1.00	0.00	9.55	42.56	2.00	0.00	1.00	0.00
9.56	42.11	2.00	0.00	1.00	0.00	9.57	41.57	2.00	0.00	1.00	0.00
9.58	41.05	2.00	0.00	1.00	0.00	9.59	40.60	2.00	0.00	1.00	0.00
9.60	40.07	2.00	0.00	1.00	0.00	9.61	39.70	2.00	0.00	1.00	0.00
9.62	39.30	2.00	0.00	1.00	0.00	9.63	39.42	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	39.70	2.00	0.00	1.00	0.00	9.65	40.08	2.00	0.00	1.00	0.00
9.66	40.20	2.00	0.00	1.00	0.00	9.67	40.21	2.00	0.00	1.00	0.00
9.68	40.17	2.00	0.00	1.00	0.00	9.69	40.52	2.00	0.00	1.00	0.00
9.70	41.07	2.00	0.00	1.00	0.00	9.71	41.73	2.00	0.00	1.00	0.00
9.72	42.20	2.00	0.00	1.00	0.00	9.73	42.61	2.00	0.00	1.00	0.00
9.74	42.90	2.00	0.00	1.00	0.00	9.75	43.20	2.00	0.00	1.00	0.00
9.76	43.53	2.00	0.00	1.00	0.00	9.77	43.95	2.00	0.00	1.00	0.00
9.78	44.37	2.00	0.00	1.00	0.00	9.79	44.58	2.00	0.00	1.00	0.00
9.80	44.72	2.00	0.00	1.00	0.00	9.81	44.69	2.00	0.00	1.00	0.00
9.82	44.64	2.00	0.00	1.00	0.00	9.83	44.36	2.00	0.00	1.00	0.00
9.84	44.12	2.00	0.00	1.00	0.00	9.85	43.94	2.00	0.00	1.00	0.00
9.86	41.48	2.00	0.00	1.00	0.00	9.87	38.68	2.00	0.00	1.00	0.00
9.88	35.57	2.00	0.00	1.00	0.00	9.89	36.25	2.00	0.00	1.00	0.00
9.90	37.06	2.00	0.00	1.00	0.00	9.91	37.72	2.00	0.00	1.00	0.00
9.92	38.23	2.00	0.00	1.00	0.00	9.93	38.70	2.00	0.00	1.00	0.00
9.94	39.37	2.00	0.00	1.00	0.00	9.95	40.27	2.00	0.00	1.00	0.00
9.96	40.93	2.00	0.00	1.00	0.00	9.97	41.30	2.00	0.00	1.00	0.00
9.98	41.44	2.00	0.00	1.00	0.00	9.99	41.69	2.00	0.00	1.00	0.00
10.00	42.06	2.00	0.00	1.00	0.00	10.01	42.49	2.00	0.00	1.00	0.00
10.02	42.67	2.00	0.00	1.00	0.00	10.03	42.71	2.00	0.00	1.00	0.00
10.04	42.64	2.00	0.00	1.00	0.00	10.05	42.62	2.00	0.00	1.00	0.00
10.06	42.61	2.00	0.00	1.00	0.00	10.07	42.57	2.00	0.00	1.00	0.00
10.08	42.51	2.00	0.00	1.00	0.00	10.09	42.43	2.00	0.00	1.00	0.00
10.10	42.25	2.00	0.00	1.00	0.00	10.11	42.00	2.00	0.00	1.00	0.00
10.12	41.56	2.00	0.00	1.00	0.00	10.13	41.01	2.00	0.00	1.00	0.00
10.14	40.41	2.00	0.00	1.00	0.00	10.15	39.93	2.00	0.00	1.00	0.00
10.16	39.58	2.00	0.00	1.00	0.00	10.17	39.34	2.00	0.00	1.00	0.00
10.18	39.21	2.00	0.00	1.00	0.00	10.19	39.40	2.00	0.00	1.00	0.00
10.20	39.61	2.00	0.00	1.00	0.00	10.21	39.93	2.00	0.00	1.00	0.00
10.22	40.09	2.00	0.00	1.00	0.00	10.23	40.29	2.00	0.00	1.00	0.00
10.24	40.36	2.00	0.00	1.00	0.00	10.25	40.43	2.00	0.00	1.00	0.00
10.26	40.48	2.00	0.00	1.00	0.00	10.27	40.68	2.00	0.00	1.00	0.00
10.28	40.91	2.00	0.00	1.00	0.00	10.29	41.12	2.00	0.00	1.00	0.00
10.30	41.17	2.00	0.00	1.00	0.00	10.31	41.15	2.00	0.00	1.00	0.00
10.32	41.16	2.00	0.00	1.00	0.00	10.33	41.11	2.00	0.00	1.00	0.00
10.34	40.87	2.00	0.00	1.00	0.00	10.35	40.54	2.00	0.00	1.00	0.00
10.36	40.31	2.00	0.00	1.00	0.00	10.37	40.36	2.00	0.00	1.00	0.00
10.38	40.48	2.00	0.00	1.00	0.00	10.39	40.56	2.00	0.00	1.00	0.00
10.40	40.60	2.00	0.00	1.00	0.00	10.41	40.53	2.00	0.00	1.00	0.00
10.42	40.36	2.00	0.00	1.00	0.00	10.43	40.08	2.00	0.00	1.00	0.00
10.44	39.83	2.00	0.00	1.00	0.00	10.45	39.62	2.00	0.00	1.00	0.00
10.46	39.50	2.00	0.00	1.00	0.00	10.47	39.38	2.00	0.00	1.00	0.00
10.48	39.28	2.00	0.00	1.00	0.00	10.49	39.16	2.00	0.00	1.00	0.00
10.50	39.06	2.00	0.00	1.00	0.00	10.51	38.91	2.00	0.00	1.00	0.00
10.52	38.70	2.00	0.00	1.00	0.00	10.53	38.50	2.00	0.00	1.00	0.00
10.54	38.31	2.00	0.00	1.00	0.00	10.55	38.22	2.00	0.00	1.00	0.00
10.56	38.14	2.00	0.00	1.00	0.00	10.57	38.14	2.00	0.00	1.00	0.00
10.58	38.16	2.00	0.00	1.00	0.00	10.59	38.15	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	38.17	2.00	0.00	1.00	0.00	10.61	38.22	2.00	0.00	1.00	0.00
10.62	38.26	2.00	0.00	1.00	0.00	10.63	38.25	2.00	0.00	1.00	0.00
10.64	38.18	2.00	0.00	1.00	0.00	10.65	38.13	2.00	0.00	1.00	0.00
10.66	38.09	2.00	0.00	1.00	0.00	10.67	38.08	2.00	0.00	1.00	0.00
10.68	38.07	2.00	0.00	1.00	0.00	10.69	38.09	2.00	0.00	1.00	0.00
10.70	38.11	2.00	0.00	1.00	0.00	10.71	38.13	2.00	0.00	1.00	0.00
10.72	38.10	2.00	0.00	1.00	0.00	10.73	38.08	2.00	0.00	1.00	0.00
10.74	38.05	2.00	0.00	1.00	0.00	10.75	38.06	2.00	0.00	1.00	0.00
10.76	38.09	2.00	0.00	1.00	0.00	10.77	38.14	2.00	0.00	1.00	0.00
10.78	38.13	2.00	0.00	1.00	0.00	10.79	38.03	2.00	0.00	1.00	0.00
10.80	37.88	2.00	0.00	1.00	0.00	10.81	37.72	2.00	0.00	1.00	0.00
10.82	37.62	2.00	0.00	1.00	0.00	10.83	37.52	2.00	0.00	1.00	0.00
10.84	37.46	2.00	0.00	1.00	0.00	10.85	37.40	2.00	0.00	1.00	0.00
10.86	35.22	2.00	0.00	1.00	0.00	10.87	33.03	2.00	0.00	1.00	0.00
10.88	30.59	2.00	0.00	1.00	0.00	10.89	31.18	2.00	0.00	1.00	0.00
10.90	31.50	2.00	0.00	1.00	0.00	10.91	31.84	2.00	0.00	1.00	0.00
10.92	32.15	2.00	0.00	1.00	0.00	10.93	32.67	2.00	0.00	1.00	0.00
10.94	33.22	2.00	0.00	1.00	0.00	10.95	33.85	2.00	0.00	1.00	0.00
10.96	34.46	2.00	0.00	1.00	0.00	10.97	34.99	2.00	0.00	1.00	0.00
10.98	35.45	2.00	0.00	1.00	0.00	10.99	35.69	2.00	0.00	1.00	0.00
11.00	35.99	2.00	0.00	1.00	0.00	11.01	36.32	2.00	0.00	1.00	0.00
11.02	36.56	2.00	0.00	1.00	0.00	11.03	36.59	2.00	0.00	1.00	0.00
11.04	36.49	2.00	0.00	1.00	0.00	11.05	36.46	2.00	0.00	1.00	0.00
11.06	36.51	2.00	0.00	1.00	0.00	11.07	36.49	2.00	0.00	1.00	0.00
11.08	36.42	2.00	0.00	1.00	0.00	11.09	36.28	2.00	0.00	1.00	0.00
11.10	36.30	2.00	0.00	1.00	0.00	11.11	36.38	2.00	0.00	1.00	0.00
11.12	36.44	2.00	0.00	1.00	0.00	11.13	36.37	2.00	0.00	1.00	0.00
11.14	36.30	2.00	0.00	1.00	0.00	11.15	36.29	2.00	0.00	1.00	0.00
11.16	36.28	2.00	0.00	1.00	0.00	11.17	36.27	2.00	0.00	1.00	0.00
11.18	36.26	2.00	0.00	1.00	0.00	11.19	36.28	2.00	0.00	1.00	0.00
11.20	36.18	2.00	0.00	1.00	0.00	11.21	36.08	2.00	0.00	1.00	0.00
11.22	36.01	2.00	0.00	1.00	0.00	11.23	36.00	2.00	0.00	1.00	0.00
11.24	35.93	2.00	0.00	1.00	0.00	11.25	35.77	2.00	0.00	1.00	0.00
11.26	35.73	2.00	0.00	1.00	0.00	11.27	35.78	2.00	0.00	1.00	0.00
11.28	36.05	2.00	0.00	1.00	0.00	11.29	36.22	2.00	0.00	1.00	0.00
11.30	36.42	2.00	0.00	1.00	0.00	11.31	36.51	2.00	0.00	1.00	0.00
11.32	36.64	2.00	0.00	1.00	0.00	11.33	36.80	2.00	0.00	1.00	0.00
11.34	37.06	2.00	0.00	1.00	0.00	11.35	37.42	2.00	0.00	1.00	0.00
11.36	37.76	2.00	0.00	1.00	0.00	11.37	37.76	2.00	0.00	1.00	0.00
11.38	37.76	2.00	0.00	1.00	0.00	11.39	37.82	2.00	0.00	1.00	0.00
11.40	37.91	2.00	0.00	1.00	0.00	11.41	38.26	2.00	0.00	1.00	0.00
11.42	38.54	2.00	0.00	1.00	0.00	11.43	39.03	2.00	0.00	1.00	0.00
11.44	38.95	2.00	0.00	1.00	0.00	11.45	39.04	2.00	0.00	1.00	0.00
11.46	39.25	2.00	0.00	1.00	0.00	11.47	39.58	2.00	0.00	1.00	0.00
11.48	39.87	2.00	0.00	1.00	0.00	11.49	40.15	2.00	0.00	1.00	0.00
11.50	41.21	2.00	0.00	1.00	0.00	11.51	42.51	2.00	0.00	1.00	0.00
11.52	43.77	2.00	0.00	1.00	0.00	11.53	44.59	2.00	0.00	1.00	0.00
11.54	45.19	2.00	0.00	1.00	0.00	11.55	45.56	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	45.60	2.00	0.00	1.00	0.00	11.57	45.63	2.00	0.00	1.00	0.00
11.58	45.86	2.00	0.00	1.00	0.00	11.59	46.15	2.00	0.00	1.00	0.00
11.60	46.36	2.00	0.00	1.00	0.00	11.61	46.39	2.00	0.00	1.00	0.00
11.62	46.37	2.00	0.00	1.00	0.00	11.63	46.12	2.00	0.00	1.00	0.00
11.64	45.35	2.00	0.00	1.00	0.00	11.65	44.83	2.00	0.00	1.00	0.00
11.66	44.40	2.00	0.00	1.00	0.00	11.67	44.42	2.00	0.00	1.00	0.00
11.68	44.51	2.00	0.00	1.00	0.00	11.69	45.07	2.00	0.00	1.00	0.00
11.70	46.04	2.00	0.00	1.00	0.00	11.71	47.21	2.00	0.00	1.00	0.00
11.72	48.31	2.00	0.00	1.00	0.00	11.73	49.36	2.00	0.00	1.00	0.00
11.74	50.84	2.00	0.00	1.00	0.00	11.75	52.46	2.00	0.00	1.00	0.00
11.76	54.34	2.00	0.00	1.00	0.00	11.77	56.54	2.00	0.00	1.00	0.00
11.78	58.82	2.00	0.00	1.00	0.00	11.79	60.95	2.00	0.00	1.00	0.00
11.80	62.73	2.00	0.00	1.00	0.00	11.81	64.72	2.00	0.00	1.00	0.00
11.82	66.53	2.00	0.00	1.00	0.00	11.83	67.60	2.00	0.00	1.00	0.00
11.84	67.87	2.00	0.00	1.00	0.00	11.85	69.35	2.00	0.00	1.00	0.00
11.86	71.76	2.00	0.00	1.00	0.00	11.87	74.89	2.00	0.00	1.00	0.00
11.88	76.91	2.00	0.00	1.00	0.00	11.89	78.35	2.00	0.00	1.00	0.00
11.90	80.08	2.00	0.00	1.00	0.00	11.91	81.68	2.00	0.00	1.00	0.00
11.92	83.07	2.00	0.00	1.00	0.00	11.93	84.18	2.00	0.00	1.00	0.00
11.94	85.58	2.00	0.00	1.00	0.00	11.95	87.21	2.00	0.00	1.00	0.00
11.96	88.75	2.00	0.00	1.00	0.00	11.97	90.03	2.00	0.00	1.00	0.00
11.98	90.87	2.00	0.00	1.00	0.00	11.99	90.83	2.00	0.00	1.00	0.00
12.00	90.43	2.00	0.00	1.00	0.00	12.01	89.96	2.00	0.00	1.00	0.00
12.02	90.04	2.00	0.00	1.00	0.00	12.03	90.30	2.00	0.00	1.00	0.00
12.04	90.58	2.00	0.00	1.00	0.00	12.05	90.42	2.00	0.00	1.00	0.00
12.06	90.00	2.00	0.00	1.00	0.00	12.07	89.36	2.00	0.00	1.00	0.00
12.08	88.75	2.00	0.00	1.00	0.00	12.09	88.34	2.00	0.00	1.00	0.00
12.10	88.15	2.00	0.00	1.00	0.00	12.11	88.01	2.00	0.00	1.00	0.00
12.12	87.70	2.00	0.00	1.00	0.00	12.13	87.51	2.00	0.00	1.00	0.00
12.14	87.32	2.00	0.00	1.00	0.00	12.15	86.63	2.00	0.00	1.00	0.00
12.16	85.64	2.00	0.00	1.00	0.00	12.17	84.45	2.00	0.00	1.00	0.00
12.18	83.39	2.00	0.00	1.00	0.00	12.19	82.11	2.00	0.00	1.00	0.00
12.20	80.76	2.00	0.00	1.00	0.00	12.21	79.66	2.00	0.00	1.00	0.00
12.22	78.41	2.00	0.00	1.00	0.00	12.23	77.04	2.00	0.00	1.00	0.00
12.24	75.55	2.00	0.00	1.00	0.00	12.25	74.34	2.00	0.00	1.00	0.00
12.26	72.89	2.00	0.00	1.00	0.00	12.27	71.32	2.00	0.00	1.00	0.00
12.28	69.77	2.00	0.00	1.00	0.00	12.29	68.40	2.00	0.00	1.00	0.00
12.30	66.92	2.00	0.00	1.00	0.00	12.31	65.21	2.00	0.00	1.00	0.00
12.32	63.25	2.00	0.00	1.00	0.00	12.33	60.97	2.00	0.00	1.00	0.00
12.34	58.82	2.00	0.00	1.00	0.00	12.35	56.96	2.00	0.00	1.00	0.00
12.36	55.68	2.00	0.00	1.00	0.00	12.37	54.49	2.00	0.00	1.00	0.00
12.38	53.24	2.00	0.00	1.00	0.00	12.39	52.04	2.00	0.00	1.00	0.00
12.40	50.97	2.00	0.00	1.00	0.00	12.41	50.12	2.00	0.00	1.00	0.00
12.42	49.96	2.00	0.00	1.00	0.00	12.43	50.34	2.00	0.00	1.00	0.00
12.44	51.05	2.00	0.00	1.00	0.00	12.45	51.53	2.00	0.00	1.00	0.00
12.46	51.70	2.00	0.00	1.00	0.00	12.47	52.19	2.00	0.00	1.00	0.00
12.48	52.99	2.00	0.00	1.00	0.00	12.49	54.17	2.00	0.00	1.00	0.00
12.50	55.30	2.00	0.00	1.00	0.00	12.51	56.12	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	56.93	2.00	0.00	1.00	0.00	12.53	57.55	2.00	0.00	1.00	0.00
12.54	58.20	2.00	0.00	1.00	0.00	12.55	58.62	2.00	0.00	1.00	0.00
12.56	59.25	0.43	3.59	1.00	0.04	12.57	61.22	0.44	3.49	1.00	0.03
12.58	63.64	0.45	3.38	1.00	0.03	12.59	66.20	0.46	3.28	1.00	0.03
12.60	68.68	0.47	3.18	1.00	0.03	12.61	71.14	2.00	0.00	1.00	0.00
12.62	73.83	2.00	0.00	1.00	0.00	12.63	75.97	2.00	0.00	1.00	0.00
12.64	79.25	2.00	0.00	1.00	0.00	12.65	82.12	2.00	0.00	1.00	0.00
12.66	84.86	2.00	0.00	1.00	0.00	12.67	88.01	2.00	0.00	1.00	0.00
12.68	91.60	2.00	0.00	1.00	0.00	12.69	95.44	2.00	0.00	1.00	0.00
12.70	98.24	2.00	0.00	1.00	0.00	12.71	100.42	2.00	0.00	1.00	0.00
12.72	102.26	2.00	0.00	1.00	0.00	12.73	104.45	2.00	0.00	1.00	0.00
12.74	107.63	2.00	0.00	1.00	0.00	12.75	111.22	2.00	0.00	1.00	0.00
12.76	114.28	2.00	0.00	1.00	0.00	12.77	117.25	2.00	0.00	1.00	0.00
12.78	119.75	2.00	0.00	1.00	0.00	12.79	121.94	2.00	0.00	1.00	0.00
12.80	122.46	2.00	0.00	1.00	0.00	12.81	122.24	2.00	0.00	1.00	0.00
12.82	121.47	2.00	0.00	1.00	0.00	12.83	121.14	2.00	0.00	1.00	0.00
12.84	121.03	2.00	0.00	1.00	0.00	12.85	123.02	2.00	0.00	1.00	0.00
12.86	125.33	2.00	0.00	1.00	0.00	12.87	127.83	2.00	0.00	1.00	0.00
12.88	128.40	2.00	0.00	1.00	0.00	12.89	128.72	2.00	0.00	1.00	0.00
12.90	129.16	2.00	0.00	1.00	0.00	12.91	129.29	2.00	0.00	1.00	0.00
12.92	129.70	2.00	0.00	1.00	0.00	12.93	129.88	2.00	0.00	1.00	0.00
12.94	130.71	2.00	0.00	1.00	0.00	12.95	132.14	2.00	0.00	1.00	0.00
12.96	134.16	2.00	0.00	1.00	0.00	12.97	135.87	2.00	0.00	1.00	0.00
12.98	136.88	2.00	0.00	1.00	0.00	12.99	137.31	2.00	0.00	1.00	0.00
13.00	137.55	2.00	0.00	1.00	0.00	13.01	137.42	2.00	0.00	1.00	0.00
13.02	136.95	2.00	0.00	1.00	0.00	13.03	136.32	2.00	0.00	1.00	0.00
13.04	135.49	2.00	0.00	1.00	0.00	13.05	134.48	2.00	0.00	1.00	0.00
13.06	132.97	2.00	0.00	1.00	0.00	13.07	130.31	2.00	0.00	1.00	0.00
13.08	126.80	2.00	0.00	1.00	0.00	13.09	122.91	2.00	0.00	1.00	0.00
13.10	119.28	2.00	0.00	1.00	0.00	13.11	113.92	2.00	0.00	1.00	0.00
13.12	107.79	2.00	0.00	1.00	0.00	13.13	101.48	2.00	0.00	1.00	0.00
13.14	95.68	2.00	0.00	1.00	0.00	13.15	90.31	2.00	0.00	1.00	0.00
13.16	85.34	2.00	0.00	1.00	0.00	13.17	81.53	2.00	0.00	1.00	0.00
13.18	78.24	2.00	0.00	1.00	0.00	13.19	76.29	2.00	0.00	1.00	0.00
13.20	76.23	2.00	0.00	1.00	0.00	13.21	76.45	2.00	0.00	1.00	0.00
13.22	75.88	2.00	0.00	1.00	0.00	13.23	74.49	2.00	0.00	1.00	0.00
13.24	73.87	2.00	0.00	1.00	0.00	13.25	74.88	2.00	0.00	1.00	0.00
13.26	77.70	2.00	0.00	1.00	0.00	13.27	83.10	2.00	0.00	1.00	0.00
13.28	88.32	2.00	0.00	1.00	0.00	13.29	92.80	2.00	0.00	1.00	0.00
13.30	95.51	2.00	0.00	1.00	0.00	13.31	97.37	2.00	0.00	1.00	0.00
13.32	98.42	2.00	0.00	1.00	0.00	13.33	98.08	2.00	0.00	1.00	0.00
13.34	97.81	2.00	0.00	1.00	0.00	13.35	98.25	2.00	0.00	1.00	0.00
13.36	99.71	2.00	0.00	1.00	0.00	13.37	101.93	2.00	0.00	1.00	0.00
13.38	103.52	2.00	0.00	1.00	0.00	13.39	104.33	2.00	0.00	1.00	0.00
13.40	103.91	2.00	0.00	1.00	0.00	13.41	103.40	2.00	0.00	1.00	0.00
13.42	102.71	2.00	0.00	1.00	0.00	13.43	101.03	2.00	0.00	1.00	0.00
13.44	98.66	2.00	0.00	1.00	0.00	13.45	96.20	2.00	0.00	1.00	0.00
13.46	94.91	2.00	0.00	1.00	0.00	13.47	94.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	93.73	2.00	0.00	1.00	0.00	13.49	92.48	2.00	0.00	1.00	0.00
13.50	90.71	2.00	0.00	1.00	0.00	13.51	87.86	2.00	0.00	1.00	0.00
13.52	82.76	2.00	0.00	1.00	0.00	13.53	77.16	0.55	2.89	1.00	0.03
13.54	72.21	0.52	3.05	1.00	0.03	13.55	71.17	0.51	3.09	1.00	0.03
13.56	71.57	0.51	3.07	1.00	0.03	13.57	72.93	0.52	3.03	1.00	0.03
13.58	75.00	0.54	2.96	1.00	0.03	13.59	76.94	0.55	2.90	1.00	0.03
13.60	77.24	0.56	2.89	1.00	0.03	13.61	75.39	0.54	2.95	1.00	0.03
13.62	72.64	2.00	0.00	1.00	0.00	13.63	70.74	2.00	0.00	1.00	0.00
13.64	69.78	2.00	0.00	1.00	0.00	13.65	69.66	2.00	0.00	1.00	0.00
13.66	70.31	2.00	0.00	1.00	0.00	13.67	71.17	0.51	3.09	1.00	0.03
13.68	71.97	0.52	3.06	1.00	0.03	13.69	73.29	0.53	3.01	1.00	0.03
13.70	75.04	0.54	2.96	1.00	0.03	13.71	77.47	0.56	2.88	1.00	0.03
13.72	79.50	0.58	2.82	1.00	0.03	13.73	80.52	0.58	2.79	1.00	0.03
13.74	80.28	2.00	0.00	1.00	0.00	13.75	79.00	2.00	0.00	1.00	0.00
13.76	78.27	2.00	0.00	1.00	0.00	13.77	78.55	2.00	0.00	1.00	0.00
13.78	80.49	2.00	0.00	1.00	0.00	13.79	82.54	0.60	2.73	1.00	0.03
13.80	84.45	0.62	2.68	1.00	0.03	13.81	86.41	0.64	2.63	1.00	0.03
13.82	88.46	0.66	2.58	1.00	0.03	13.83	90.01	0.68	2.55	1.00	0.03
13.84	90.49	0.68	2.54	1.00	0.03	13.85	91.47	0.69	2.51	1.00	0.03
13.86	92.81	0.71	2.48	1.00	0.02	13.87	94.10	0.72	2.46	1.00	0.02
13.88	94.60	0.73	2.45	1.00	0.02	13.89	95.03	0.73	2.44	1.00	0.02
13.90	94.66	0.73	2.44	1.00	0.02	13.91	92.64	0.71	2.49	1.00	0.02
13.92	89.44	0.67	2.56	1.00	0.03	13.93	86.16	0.64	2.64	1.00	0.03
13.94	83.46	0.62	2.71	1.00	0.03	13.95	80.50	2.00	0.00	1.00	0.00
13.96	78.50	2.00	0.00	1.00	0.00	13.97	79.12	2.00	0.00	1.00	0.00
13.98	82.05	2.00	0.00	1.00	0.00	13.99	85.50	2.00	0.00	1.00	0.00
14.00	87.40	2.00	0.00	1.00	0.00	14.01	88.51	2.00	0.00	1.00	0.00
14.02	89.23	2.00	0.00	1.00	0.00	14.03	89.62	2.00	0.00	1.00	0.00
14.04	89.06	2.00	0.00	1.00	0.00	14.05	86.65	2.00	0.00	1.00	0.00
14.06	84.00	2.00	0.00	1.00	0.00	14.07	82.10	0.61	2.75	1.00	0.03
14.08	82.68	0.61	2.73	1.00	0.03	14.09	84.20	0.63	2.69	1.00	0.03
14.10	86.24	0.65	2.64	1.00	0.03	14.11	87.94	0.66	2.60	1.00	0.03
14.12	89.42	0.68	2.56	1.00	0.03	14.13	90.17	0.69	2.54	1.00	0.03
14.14	89.12	0.68	2.57	1.00	0.03	14.15	85.31	0.64	2.66	1.00	0.03
14.16	79.83	0.59	2.81	1.00	0.03	14.17	75.77	0.56	2.93	1.00	0.03
14.18	75.13	0.56	2.95	1.00	0.03	14.19	78.32	0.58	2.86	1.00	0.03
14.20	81.47	0.61	2.76	1.00	0.03	14.21	84.22	0.63	2.69	1.00	0.03
14.22	84.43	0.63	2.68	1.00	0.03	14.23	83.97	0.63	2.70	1.00	0.03
14.24	83.56	0.63	2.71	1.00	0.03	14.25	85.11	2.00	0.00	1.00	0.00
14.26	87.15	2.00	0.00	1.00	0.00	14.27	88.77	2.00	0.00	1.00	0.00
14.28	88.92	2.00	0.00	1.00	0.00	14.29	88.03	2.00	0.00	1.00	0.00
14.30	85.88	2.00	0.00	1.00	0.00	14.31	83.16	2.00	0.00	1.00	0.00
14.32	81.22	2.00	0.00	1.00	0.00	14.33	81.11	2.00	0.00	1.00	0.00
14.34	82.00	2.00	0.00	1.00	0.00	14.35	81.38	2.00	0.00	1.00	0.00
14.36	80.42	2.00	0.00	1.00	0.00	14.37	80.04	2.00	0.00	1.00	0.00
14.38	81.44	2.00	0.00	1.00	0.00	14.39	82.54	2.00	0.00	1.00	0.00
14.40	82.89	2.00	0.00	1.00	0.00	14.41	82.79	2.00	0.00	1.00	0.00
14.42	82.66	2.00	0.00	1.00	0.00	14.43	82.31	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	81.50	2.00	0.00	1.00	0.00	14.45	80.35	2.00	0.00	1.00	0.00
14.46	78.95	2.00	0.00	1.00	0.00	14.47	78.22	2.00	0.00	1.00	0.00
14.48	77.94	2.00	0.00	1.00	0.00	14.49	78.21	2.00	0.00	1.00	0.00
14.50	78.72	0.59	2.84	1.00	0.03	14.51	79.01	0.59	2.83	1.00	0.03
14.52	79.00	0.60	2.83	1.00	0.03	14.53	77.73	2.00	0.00	1.00	0.00
14.54	76.61	2.00	0.00	1.00	0.00	14.55	75.76	2.00	0.00	1.00	0.00
14.56	76.23	2.00	0.00	1.00	0.00	14.57	76.98	2.00	0.00	1.00	0.00
14.58	77.45	2.00	0.00	1.00	0.00	14.59	77.11	2.00	0.00	1.00	0.00
14.60	75.90	2.00	0.00	1.00	0.00	14.61	74.22	2.00	0.00	1.00	0.00
14.62	73.83	2.00	0.00	1.00	0.00	14.63	75.07	2.00	0.00	1.00	0.00
14.64	77.42	2.00	0.00	1.00	0.00	14.65	79.27	2.00	0.00	1.00	0.00
14.66	79.87	2.00	0.00	1.00	0.00	14.67	79.64	2.00	0.00	1.00	0.00
14.68	78.54	2.00	0.00	1.00	0.00	14.69	77.27	2.00	0.00	1.00	0.00
14.70	75.82	2.00	0.00	1.00	0.00	14.71	73.82	2.00	0.00	1.00	0.00
14.72	71.77	2.00	0.00	1.00	0.00	14.73	69.91	2.00	0.00	1.00	0.00
14.74	68.96	2.00	0.00	1.00	0.00	14.75	68.39	2.00	0.00	1.00	0.00
14.76	68.62	2.00	0.00	1.00	0.00	14.77	69.36	2.00	0.00	1.00	0.00
14.78	71.22	2.00	0.00	1.00	0.00	14.79	73.13	2.00	0.00	1.00	0.00
14.80	75.72	2.00	0.00	1.00	0.00	14.81	78.25	2.00	0.00	1.00	0.00
14.82	80.11	2.00	0.00	1.00	0.00	14.83	81.03	2.00	0.00	1.00	0.00
14.84	81.03	2.00	0.00	1.00	0.00	14.85	83.50	2.00	0.00	1.00	0.00
14.86	85.88	2.00	0.00	1.00	0.00	14.87	88.30	2.00	0.00	1.00	0.00
14.88	88.85	2.00	0.00	1.00	0.00	14.89	90.03	0.71	2.55	1.00	0.03
14.90	91.25	0.73	2.52	1.00	0.03	14.91	90.78	0.72	2.53	1.00	0.03
14.92	89.31	0.71	2.56	1.00	0.03	14.93	87.56	0.69	2.61	1.00	0.03
14.94	85.82	0.67	2.65	1.00	0.03	14.95	84.31	0.66	2.69	1.00	0.03
14.96	83.03	0.64	2.72	1.00	0.03	14.97	80.01	0.62	2.81	1.00	0.03
14.98	76.28	0.59	2.92	1.00	0.03	14.99	71.83	0.55	3.06	1.00	0.03
15.00	68.56	0.53	3.18	1.00	0.03	15.01	65.93	2.00	0.00	1.00	0.00
15.02	63.65	2.00	0.00	1.00	0.00	15.03	62.52	2.00	0.00	1.00	0.00
15.04	61.58	2.00	0.00	1.00	0.00	15.05	62.22	2.00	0.00	1.00	0.00
15.06	63.93	2.00	0.00	1.00	0.00	15.07	66.46	2.00	0.00	1.00	0.00
15.08	68.98	2.00	0.00	1.00	0.00	15.09	71.23	2.00	0.00	1.00	0.00
15.10	73.09	2.00	0.00	1.00	0.00	15.11	74.35	2.00	0.00	1.00	0.00
15.12	75.67	2.00	0.00	1.00	0.00	15.13	77.38	2.00	0.00	1.00	0.00
15.14	79.56	2.00	0.00	1.00	0.00	15.15	82.43	2.00	0.00	1.00	0.00
15.16	86.41	2.00	0.00	1.00	0.00	15.17	89.51	2.00	0.00	1.00	0.00
15.18	91.11	2.00	0.00	1.00	0.00	15.19	90.37	2.00	0.00	1.00	0.00
15.20	89.62	2.00	0.00	1.00	0.00	15.21	90.30	2.00	0.00	1.00	0.00
15.22	91.87	2.00	0.00	1.00	0.00	15.23	93.20	2.00	0.00	1.00	0.00
15.24	93.60	2.00	0.00	1.00	0.00	15.25	92.96	2.00	0.00	1.00	0.00
15.26	91.87	2.00	0.00	1.00	0.00	15.27	90.79	2.00	0.00	1.00	0.00
15.28	87.29	2.00	0.00	1.00	0.00	15.29	83.23	2.00	0.00	1.00	0.00
15.30	78.93	2.00	0.00	1.00	0.00	15.31	77.09	2.00	0.00	1.00	0.00
15.32	76.06	2.00	0.00	1.00	0.00	15.33	75.93	2.00	0.00	1.00	0.00
15.34	64.84	2.00	0.00	1.00	0.00	15.35	66.24	2.00	0.00	1.00	0.00
15.36	66.91	2.00	0.00	1.00	0.00	15.37	78.71	2.00	0.00	1.00	0.00
15.38	78.73	2.00	0.00	1.00	0.00	15.39	78.51	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	78.10	2.00	0.00	1.00	0.00	15.41	77.15	2.00	0.00	1.00	0.00
15.42	76.15	2.00	0.00	1.00	0.00	15.43	75.20	2.00	0.00	1.00	0.00
15.44	74.85	2.00	0.00	1.00	0.00	15.45	74.59	2.00	0.00	1.00	0.00
15.46	74.43	2.00	0.00	1.00	0.00	15.47	74.38	2.00	0.00	1.00	0.00
15.48	74.33	2.00	0.00	1.00	0.00	15.49	74.31	2.00	0.00	1.00	0.00
15.50	74.33	2.00	0.00	1.00	0.00	15.51	74.39	2.00	0.00	1.00	0.00
15.52	74.53	2.00	0.00	1.00	0.00	15.53	74.68	2.00	0.00	1.00	0.00
15.54	74.93	2.00	0.00	1.00	0.00	15.55	75.34	2.00	0.00	1.00	0.00
15.56	75.95	2.00	0.00	1.00	0.00	15.57	76.72	2.00	0.00	1.00	0.00
15.58	66.41	2.00	0.00	1.00	0.00	15.59	68.72	2.00	0.00	1.00	0.00
15.60	71.30	2.00	0.00	1.00	0.00	15.61	74.57	2.00	0.00	1.00	0.00
15.62	78.20	2.00	0.00	1.00	0.00	15.63	82.13	2.00	0.00	1.00	0.00
15.64	86.36	2.00	0.00	1.00	0.00	15.65	90.58	2.00	0.00	1.00	0.00
15.66	94.73	2.00	0.00	1.00	0.00	15.67	98.72	2.00	0.00	1.00	0.00
15.68	102.64	2.00	0.00	1.00	0.00	15.69	107.72	2.00	0.00	1.00	0.00
15.70	111.88	2.00	0.00	1.00	0.00	15.71	116.35	2.00	0.00	1.00	0.00
15.72	119.22	2.00	0.00	1.00	0.00	15.73	121.20	2.00	0.00	1.00	0.00
15.74	121.57	2.00	0.00	1.00	0.00	15.75	121.03	2.00	0.00	1.00	0.00
15.76	119.91	2.00	0.00	1.00	0.00	15.77	118.71	2.00	0.00	1.00	0.00
15.78	116.87	2.00	0.00	1.00	0.00	15.79	114.86	2.00	0.00	1.00	0.00
15.80	112.36	2.00	0.00	1.00	0.00	15.81	110.70	2.00	0.00	1.00	0.00
15.82	109.63	2.00	0.00	1.00	0.00	15.83	109.42	2.00	0.00	1.00	0.00
15.84	109.19	2.00	0.00	1.00	0.00	15.85	109.03	2.00	0.00	1.00	0.00
15.86	108.86	2.00	0.00	1.00	0.00	15.87	108.78	2.00	0.00	1.00	0.00
15.88	108.15	2.00	0.00	1.00	0.00	15.89	106.93	2.00	0.00	1.00	0.00
15.90	105.10	2.00	0.00	1.00	0.00	15.91	101.90	2.00	0.00	1.00	0.00
15.92	98.30	2.00	0.00	1.00	0.00	15.93	94.38	2.00	0.00	1.00	0.00
15.94	90.76	2.00	0.00	1.00	0.00	15.95	87.47	2.00	0.00	1.00	0.00
15.96	84.59	2.00	0.00	1.00	0.00	15.97	82.29	2.00	0.00	1.00	0.00
15.98	89.90	2.00	0.00	1.00	0.00	15.99	88.45	2.00	0.00	1.00	0.00
16.00	86.85	2.00	0.00	1.00	0.00	16.01	85.15	2.00	0.00	1.00	0.00
16.02	83.28	2.00	0.00	1.00	0.00	16.03	81.68	2.00	0.00	1.00	0.00
16.04	79.48	2.00	0.00	1.00	0.00	16.05	77.33	2.00	0.00	1.00	0.00
16.06	75.35	2.00	0.00	1.00	0.00	16.07	74.04	2.00	0.00	1.00	0.00
16.08	72.54	2.00	0.00	1.00	0.00	16.09	71.27	2.00	0.00	1.00	0.00
16.10	70.25	2.00	0.00	1.00	0.00	16.11	69.42	2.00	0.00	1.00	0.00
16.12	68.62	2.00	0.00	1.00	0.00	16.13	67.79	2.00	0.00	1.00	0.00
16.14	67.13	2.00	0.00	1.00	0.00	16.15	66.54	2.00	0.00	1.00	0.00
16.16	66.03	2.00	0.00	1.00	0.00	16.17	65.70	2.00	0.00	1.00	0.00
16.18	65.21	2.00	0.00	1.00	0.00	16.19	64.69	2.00	0.00	1.00	0.00
16.20	64.16	2.00	0.00	1.00	0.00	16.21	63.74	2.00	0.00	1.00	0.00
16.22	63.26	2.00	0.00	1.00	0.00	16.23	62.73	2.00	0.00	1.00	0.00
16.24	62.21	2.00	0.00	1.00	0.00	16.25	61.84	2.00	0.00	1.00	0.00
16.26	61.60	2.00	0.00	1.00	0.00	16.27	61.46	2.00	0.00	1.00	0.00
16.28	61.37	2.00	0.00	1.00	0.00	16.29	61.27	2.00	0.00	1.00	0.00
16.30	61.15	2.00	0.00	1.00	0.00	16.31	60.95	2.00	0.00	1.00	0.00
16.32	60.79	2.00	0.00	1.00	0.00	16.33	60.69	2.00	0.00	1.00	0.00
16.34	60.55	2.00	0.00	1.00	0.00	16.35	60.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.19	2.00	0.00	1.00	0.00	16.37	60.04	2.00	0.00	1.00	0.00
16.38	59.93	2.00	0.00	1.00	0.00	16.39	59.82	2.00	0.00	1.00	0.00
16.40	59.80	2.00	0.00	1.00	0.00	16.41	59.75	2.00	0.00	1.00	0.00
16.42	59.62	2.00	0.00	1.00	0.00	16.43	59.43	2.00	0.00	1.00	0.00
16.44	59.20	2.00	0.00	1.00	0.00	16.45	59.01	2.00	0.00	1.00	0.00
16.46	58.86	2.00	0.00	1.00	0.00	16.47	58.75	2.00	0.00	1.00	0.00
16.48	58.65	2.00	0.00	1.00	0.00	16.49	58.60	2.00	0.00	1.00	0.00
16.50	58.59	2.00	0.00	1.00	0.00	16.51	58.46	2.00	0.00	1.00	0.00
16.52	58.26	2.00	0.00	1.00	0.00	16.53	58.06	2.00	0.00	1.00	0.00
16.54	57.98	2.00	0.00	1.00	0.00	16.55	57.92	2.00	0.00	1.00	0.00
16.56	57.84	2.00	0.00	1.00	0.00	16.57	57.84	2.00	0.00	1.00	0.00
16.58	57.90	2.00	0.00	1.00	0.00	16.59	58.05	2.00	0.00	1.00	0.00
16.60	58.26	2.00	0.00	1.00	0.00	16.61	58.49	2.00	0.00	1.00	0.00
16.62	58.63	2.00	0.00	1.00	0.00	16.63	58.65	2.00	0.00	1.00	0.00
16.64	58.64	2.00	0.00	1.00	0.00	16.65	58.64	2.00	0.00	1.00	0.00
16.66	58.58	2.00	0.00	1.00	0.00	16.67	58.47	2.00	0.00	1.00	0.00
16.68	58.32	2.00	0.00	1.00	0.00	16.69	58.21	2.00	0.00	1.00	0.00
16.70	58.12	2.00	0.00	1.00	0.00	16.71	58.08	2.00	0.00	1.00	0.00
16.72	58.03	2.00	0.00	1.00	0.00	16.73	58.02	2.00	0.00	1.00	0.00
16.74	58.04	2.00	0.00	1.00	0.00	16.75	58.11	2.00	0.00	1.00	0.00
16.76	58.21	2.00	0.00	1.00	0.00	16.77	58.33	2.00	0.00	1.00	0.00
16.78	58.51	2.00	0.00	1.00	0.00	16.79	58.66	2.00	0.00	1.00	0.00
16.80	58.87	2.00	0.00	1.00	0.00	16.81	42.89	2.00	0.00	1.00	0.00
16.82	43.12	2.00	0.00	1.00	0.00	16.83	43.19	2.00	0.00	1.00	0.00
16.84	43.73	2.00	0.00	1.00	0.00	16.85	44.56	2.00	0.00	1.00	0.00
16.86	45.92	2.00	0.00	1.00	0.00	16.87	47.03	2.00	0.00	1.00	0.00
16.88	48.18	2.00	0.00	1.00	0.00	16.89	49.51	2.00	0.00	1.00	0.00
16.90	50.94	2.00	0.00	1.00	0.00	16.91	52.43	2.00	0.00	1.00	0.00
16.92	54.05	2.00	0.00	1.00	0.00	16.93	55.67	2.00	0.00	1.00	0.00
16.94	57.27	2.00	0.00	1.00	0.00	16.95	58.69	2.00	0.00	1.00	0.00
16.96	60.01	2.00	0.00	1.00	0.00	16.97	61.38	2.00	0.00	1.00	0.00
16.98	62.76	2.00	0.00	1.00	0.00	16.99	64.17	2.00	0.00	1.00	0.00
17.00	65.41	2.00	0.00	1.00	0.00	17.01	66.46	2.00	0.00	1.00	0.00
17.02	67.37	2.00	0.00	1.00	0.00	17.03	68.35	2.00	0.00	1.00	0.00
17.04	69.39	2.00	0.00	1.00	0.00	17.05	70.44	2.00	0.00	1.00	0.00
17.06	71.38	2.00	0.00	1.00	0.00	17.07	72.06	2.00	0.00	1.00	0.00
17.08	73.00	2.00	0.00	1.00	0.00	17.09	73.94	2.00	0.00	1.00	0.00
17.10	74.82	2.00	0.00	1.00	0.00	17.11	75.57	2.00	0.00	1.00	0.00
17.12	76.29	2.00	0.00	1.00	0.00	17.13	76.87	2.00	0.00	1.00	0.00
17.14	77.08	2.00	0.00	1.00	0.00	17.15	77.00	2.00	0.00	1.00	0.00
17.16	76.74	2.00	0.00	1.00	0.00	17.17	76.09	2.00	0.00	1.00	0.00
17.18	74.83	2.00	0.00	1.00	0.00	17.19	73.31	2.00	0.00	1.00	0.00
17.20	72.22	2.00	0.00	1.00	0.00	17.21	72.11	2.00	0.00	1.00	0.00
17.22	72.42	2.00	0.00	1.00	0.00	17.23	73.48	2.00	0.00	1.00	0.00
17.24	74.85	2.00	0.00	1.00	0.00	17.25	77.08	2.00	0.00	1.00	0.00
17.26	78.79	2.00	0.00	1.00	0.00	17.27	80.22	2.00	0.00	1.00	0.00
17.28	80.87	2.00	0.00	1.00	0.00	17.29	81.28	2.00	0.00	1.00	0.00
17.30	81.31	2.00	0.00	1.00	0.00	17.31	81.29	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	81.27	2.00	0.00	1.00	0.00	17.33	81.33	2.00	0.00	1.00	0.00
17.34	81.34	2.00	0.00	1.00	0.00	17.35	81.54	2.00	0.00	1.00	0.00
17.36	81.86	2.00	0.00	1.00	0.00	17.37	82.36	2.00	0.00	1.00	0.00
17.38	82.74	2.00	0.00	1.00	0.00	17.39	83.03	2.00	0.00	1.00	0.00
17.40	83.04	2.00	0.00	1.00	0.00	17.41	82.31	2.00	0.00	1.00	0.00
17.42	81.01	2.00	0.00	1.00	0.00	17.43	89.61	2.00	0.00	1.00	0.00
17.44	90.43	2.00	0.00	1.00	0.00	17.45	91.97	2.00	0.00	1.00	0.00
17.46	93.87	2.00	0.00	1.00	0.00	17.47	95.93	2.00	0.00	1.00	0.00
17.48	97.88	2.00	0.00	1.00	0.00	17.49	100.26	2.00	0.00	1.00	0.00
17.50	102.10	2.00	0.00	1.00	0.00	17.51	104.09	2.00	0.00	1.00	0.00
17.52	100.38	2.00	0.00	1.00	0.00	17.53	103.27	2.00	0.00	1.00	0.00
17.54	106.36	2.00	0.00	1.00	0.00	17.55	110.88	2.00	0.00	1.00	0.00
17.56	115.84	2.00	0.00	1.00	0.00	17.57	120.64	2.00	0.00	1.00	0.00
17.58	126.08	2.00	0.00	1.00	0.00	17.59	131.33	2.00	0.00	1.00	0.00
17.60	136.40	2.00	0.00	1.00	0.00	17.61	139.07	2.00	0.00	1.00	0.00
17.62	141.07	2.00	0.00	1.00	0.00	17.63	141.75	2.00	0.00	1.00	0.00
17.64	141.88	2.00	0.00	1.00	0.00	17.65	141.40	2.00	0.00	1.00	0.00
17.66	140.22	2.00	0.00	1.00	0.00	17.67	138.91	2.00	0.00	1.00	0.00
17.68	137.45	2.00	0.00	1.00	0.00	17.69	136.21	2.00	0.00	1.00	0.00
17.70	135.03	2.00	0.00	1.00	0.00	17.71	133.82	2.00	0.00	1.00	0.00
17.72	133.04	2.00	0.00	1.00	0.00	17.73	132.60	2.00	0.00	1.00	0.00
17.74	132.73	2.00	0.00	1.00	0.00	17.75	133.26	2.00	0.00	1.00	0.00
17.76	134.25	2.00	0.00	1.00	0.00	17.77	135.41	2.00	0.00	1.00	0.00
17.78	136.28	2.00	0.00	1.00	0.00	17.79	136.59	2.00	0.00	1.00	0.00
17.80	136.38	2.00	0.00	1.00	0.00	17.81	136.00	2.00	0.00	1.00	0.00
17.82	135.61	2.00	0.00	1.00	0.00	17.83	135.38	2.00	0.00	1.00	0.00
17.84	130.92	2.00	0.00	1.00	0.00	17.85	125.37	2.00	0.00	1.00	0.00
17.86	118.70	2.00	0.00	1.00	0.00	17.87	115.38	2.00	0.00	1.00	0.00
17.88	111.81	2.00	0.00	1.00	0.00	17.89	108.86	2.00	0.00	1.00	0.00
17.90	106.15	2.00	0.00	1.00	0.00	17.91	104.18	2.00	0.00	1.00	0.00
17.92	101.65	2.00	0.00	1.00	0.00	17.93	104.74	2.00	0.00	1.00	0.00
17.94	101.49	2.00	0.00	1.00	0.00	17.95	97.91	2.00	0.00	1.00	0.00
17.96	95.39	2.00	0.00	1.00	0.00	17.97	94.99	2.00	0.00	1.00	0.00
17.98	97.79	2.00	0.00	1.00	0.00	17.99	101.90	2.00	0.00	1.00	0.00
18.00	106.34	2.00	0.00	1.00	0.00	18.01	109.22	2.00	0.00	1.00	0.00
18.02	111.10	2.00	0.00	1.00	0.00	18.03	110.98	2.00	0.00	1.00	0.00
18.04	110.26	2.00	0.00	1.00	0.00	18.05	109.39	2.00	0.00	1.00	0.00
18.06	108.56	2.00	0.00	1.00	0.00	18.07	107.73	2.00	0.00	1.00	0.00
18.08	106.89	2.00	0.00	1.00	0.00	18.09	105.66	2.00	0.00	1.00	0.00
18.10	104.12	2.00	0.00	1.00	0.00	18.11	102.28	2.00	0.00	1.00	0.00
18.12	100.54	2.00	0.00	1.00	0.00	18.13	91.70	2.00	0.00	1.00	0.00
18.14	91.10	2.00	0.00	1.00	0.00	18.15	90.34	2.00	0.00	1.00	0.00
18.16	89.49	2.00	0.00	1.00	0.00	18.17	88.56	2.00	0.00	1.00	0.00
18.18	87.65	2.00	0.00	1.00	0.00	18.19	86.79	2.00	0.00	1.00	0.00
18.20	86.12	2.00	0.00	1.00	0.00	18.21	85.79	2.00	0.00	1.00	0.00
18.22	85.56	2.00	0.00	1.00	0.00	18.23	85.46	2.00	0.00	1.00	0.00
18.24	85.46	2.00	0.00	1.00	0.00	18.25	85.46	2.00	0.00	1.00	0.00
18.26	84.81	2.00	0.00	1.00	0.00	18.27	83.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	91.43	2.00	0.00	1.00	0.00	18.29	90.22	2.00	0.00	1.00	0.00
18.30	88.94	2.00	0.00	1.00	0.00	18.31	87.61	2.00	0.00	1.00	0.00
18.32	86.27	2.00	0.00	1.00	0.00	18.33	85.09	2.00	0.00	1.00	0.00
18.34	84.08	2.00	0.00	1.00	0.00	18.35	83.36	2.00	0.00	1.00	0.00
18.36	82.79	2.00	0.00	1.00	0.00	18.37	82.30	2.00	0.00	1.00	0.00
18.38	82.03	2.00	0.00	1.00	0.00	18.39	81.76	2.00	0.00	1.00	0.00
18.40	81.58	2.00	0.00	1.00	0.00	18.41	81.52	2.00	0.00	1.00	0.00
18.42	81.69	2.00	0.00	1.00	0.00	18.43	82.41	2.00	0.00	1.00	0.00
18.44	83.40	2.00	0.00	1.00	0.00	18.45	74.23	2.00	0.00	1.00	0.00
18.46	75.84	2.00	0.00	1.00	0.00	18.47	77.12	2.00	0.00	1.00	0.00
18.48	78.00	2.00	0.00	1.00	0.00	18.49	78.06	2.00	0.00	1.00	0.00
18.50	77.81	2.00	0.00	1.00	0.00	18.51	76.81	2.00	0.00	1.00	0.00
18.52	75.63	2.00	0.00	1.00	0.00	18.53	73.96	2.00	0.00	1.00	0.00
18.54	72.80	2.00	0.00	1.00	0.00	18.55	72.01	2.00	0.00	1.00	0.00
18.56	72.52	2.00	0.00	1.00	0.00	18.57	73.63	2.00	0.00	1.00	0.00
18.58	75.09	2.00	0.00	1.00	0.00	18.59	76.41	2.00	0.00	1.00	0.00
18.60	76.96	2.00	0.00	1.00	0.00	18.61	76.47	2.00	0.00	1.00	0.00
18.62	85.62	2.00	0.00	1.00	0.00	18.63	84.92	2.00	0.00	1.00	0.00
18.64	83.70	2.00	0.00	1.00	0.00	18.65	81.84	2.00	0.00	1.00	0.00
18.66	78.71	2.00	0.00	1.00	0.00	18.67	76.05	2.00	0.00	1.00	0.00
18.68	74.56	2.00	0.00	1.00	0.00	18.69	75.23	2.00	0.00	1.00	0.00
18.70	76.76	2.00	0.00	1.00	0.00	18.71	79.52	2.00	0.00	1.00	0.00
18.72	82.48	2.00	0.00	1.00	0.00	18.73	85.52	2.00	0.00	1.00	0.00
18.74	87.58	2.00	0.00	1.00	0.00	18.75	89.68	2.00	0.00	1.00	0.00
18.76	91.46	2.00	0.00	1.00	0.00	18.77	91.88	2.00	0.00	1.00	0.00
18.78	90.99	2.00	0.00	1.00	0.00	18.79	88.94	2.00	0.00	1.00	0.00
18.80	86.42	2.00	0.00	1.00	0.00	18.81	83.85	2.00	0.00	1.00	0.00
18.82	81.90	2.00	0.00	1.00	0.00	18.83	81.24	2.00	0.00	1.00	0.00
18.84	78.03	2.00	0.00	1.00	0.00	18.85	62.63	2.00	0.00	1.00	0.00
18.86	58.51	2.00	0.00	1.00	0.00	18.87	56.43	2.00	0.00	1.00	0.00
18.88	54.03	2.00	0.00	1.00	0.00	18.89	51.21	2.00	0.00	1.00	0.00
18.90	64.21	2.00	0.00	1.00	0.00	18.91	62.95	2.00	0.00	1.00	0.00
18.92	61.96	2.00	0.00	1.00	0.00	18.93	62.02	2.00	0.00	1.00	0.00
18.94	63.24	2.00	0.00	1.00	0.00	18.95	66.10	2.00	0.00	1.00	0.00
18.96	70.11	2.00	0.00	1.00	0.00	18.97	74.25	2.00	0.00	1.00	0.00
18.98	76.95	2.00	0.00	1.00	0.00	18.99	79.97	2.00	0.00	1.00	0.00
19.00	82.73	2.00	0.00	1.00	0.00	19.01	85.45	2.00	0.00	1.00	0.00
19.02	87.01	2.00	0.00	1.00	0.00	19.03	88.37	2.00	0.00	1.00	0.00
19.04	89.08	2.00	0.00	1.00	0.00	19.05	88.88	2.00	0.00	1.00	0.00
19.06	88.10	2.00	0.00	1.00	0.00	19.07	86.39	2.00	0.00	1.00	0.00
19.08	84.55	2.00	0.00	1.00	0.00	19.09	82.33	2.00	0.00	1.00	0.00
19.10	80.15	2.00	0.00	1.00	0.00	19.11	77.53	2.00	0.00	1.00	0.00
19.12	75.05	2.00	0.00	1.00	0.00	19.13	73.30	2.00	0.00	1.00	0.00
19.14	70.99	2.00	0.00	1.00	0.00	19.15	67.19	2.00	0.00	1.00	0.00
19.16	62.28	2.00	0.00	1.00	0.00	19.17	57.99	2.00	0.00	1.00	0.00
19.18	54.41	2.00	0.00	1.00	0.00	19.19	51.55	2.00	0.00	1.00	0.00
19.20	49.30	2.00	0.00	1.00	0.00	19.21	51.52	2.00	0.00	1.00	0.00
19.22	41.28	2.00	0.00	1.00	0.00	19.23	56.84	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
19.24	71.31	2.00	0.00	1.00	0.00	19.25	83.80	2.00	0.00	1.00	0.00
19.26	90.39	2.00	0.00	1.00	0.00	19.27	92.50	2.00	0.00	1.00	0.00
19.28	92.92	2.00	0.00	1.00	0.00	19.29	92.31	2.00	0.00	1.00	0.00
19.30	91.04	2.00	0.00	1.00	0.00	19.31	89.46	2.00	0.00	1.00	0.00
19.32	87.08	2.00	0.00	1.00	0.00	19.33	84.49	2.00	0.00	1.00	0.00
19.34	81.75	2.00	0.00	1.00	0.00	19.35	79.86	2.00	0.00	1.00	0.00
19.36	78.76	2.00	0.00	1.00	0.00	19.37	78.31	2.00	0.00	1.00	0.00
19.38	78.28	2.00	0.00	1.00	0.00	19.39	78.72	2.00	0.00	1.00	0.00
19.40	79.38	2.00	0.00	1.00	0.00	19.41	80.40	2.00	0.00	1.00	0.00
19.42	81.77	2.00	0.00	1.00	0.00	19.43	83.27	2.00	0.00	1.00	0.00
19.44	84.64	2.00	0.00	1.00	0.00	19.45	86.50	2.00	0.00	1.00	0.00
19.46	89.43	2.00	0.00	1.00	0.00	19.47	92.72	2.00	0.00	1.00	0.00
19.48	96.47	2.00	0.00	1.00	0.00	19.49	99.44	2.00	0.00	1.00	0.00
19.50	102.92	2.00	0.00	1.00	0.00	19.51	105.58	2.00	0.00	1.00	0.00
19.52	107.90	2.00	0.00	1.00	0.00	19.53	109.59	2.00	0.00	1.00	0.00
19.54	110.56	2.00	0.00	1.00	0.00	19.55	111.24	2.00	0.00	1.00	0.00
19.56	111.32	2.00	0.00	1.00	0.00	19.57	111.28	2.00	0.00	1.00	0.00
19.58	111.19	2.00	0.00	1.00	0.00	19.59	110.92	2.00	0.00	1.00	0.00
19.60	110.60	2.00	0.00	1.00	0.00	19.61	110.13	2.00	0.00	1.00	0.00
19.62	109.73	2.00	0.00	1.00	0.00	19.63	108.97	2.00	0.00	1.00	0.00
19.64	108.05	2.00	0.00	1.00	0.00	19.65	106.14	2.00	0.00	1.00	0.00
19.66	103.36	2.00	0.00	1.00	0.00	19.67	100.23	2.00	0.00	1.00	0.00
19.68	96.51	2.00	0.00	1.00	0.00	19.69	93.13	2.00	0.00	1.00	0.00
19.70	97.40	2.00	0.00	1.00	0.00	19.71	94.73	2.00	0.00	1.00	0.00
19.72	91.39	2.00	0.00	1.00	0.00	19.73	88.11	2.00	0.00	1.00	0.00
19.74	85.65	2.00	0.00	1.00	0.00	19.75	83.46	2.00	0.00	1.00	0.00
19.76	81.42	2.00	0.00	1.00	0.00	19.77	79.23	2.00	0.00	1.00	0.00
19.78	77.74	2.00	0.00	1.00	0.00	19.79	76.34	2.00	0.00	1.00	0.00
19.80	75.44	2.00	0.00	1.00	0.00	19.81	74.87	2.00	0.00	1.00	0.00
19.82	74.68	2.00	0.00	1.00	0.00	19.83	72.98	2.00	0.00	1.00	0.00
19.84	71.19	2.00	0.00	1.00	0.00	19.85	69.05	2.00	0.00	1.00	0.00
19.86	68.46	2.00	0.00	1.00	0.00	19.87	67.74	2.00	0.00	1.00	0.00
19.88	67.17	2.00	0.00	1.00	0.00	19.89	66.72	2.00	0.00	1.00	0.00
19.90	66.40	2.00	0.00	1.00	0.00	19.91	66.38	2.00	0.00	1.00	0.00
19.92	66.54	2.00	0.00	1.00	0.00	19.93	53.67	2.00	0.00	1.00	0.00
19.94	55.36	2.00	0.00	1.00	0.00	19.95	56.79	2.00	0.00	1.00	0.00
19.96	57.64	2.00	0.00	1.00	0.00	19.97	56.62	2.00	0.00	1.00	0.00
19.98	54.65	2.00	0.00	1.00	0.00	19.99	51.63	2.00	0.00	1.00	0.00
20.00	62.43	2.00	0.00	1.00	0.00	20.01	60.42	2.00	0.00	1.00	0.00
20.02	59.83	2.00	0.00	1.00	0.00	20.03	61.70	2.00	0.00	1.00	0.00
20.04	65.06	2.00	0.00	1.00	0.00	20.05	69.35	2.00	0.00	1.00	0.00
20.06	73.33	2.00	0.00	1.00	0.00	20.07	77.93	2.00	0.00	1.00	0.00
20.08	82.06	2.00	0.00	1.00	0.00	20.09	85.30	2.00	0.00	1.00	0.00
20.10	87.58	2.00	0.00	1.00	0.00	20.11	89.99	2.00	0.00	1.00	0.00
20.12	92.27	2.00	0.00	1.00	0.00	20.13	94.09	2.00	0.00	1.00	0.00
20.14	94.92	2.00	0.00	1.00	0.00	20.15	95.14	2.00	0.00	1.00	0.00
20.16	94.73	2.00	0.00	1.00	0.00	20.17	94.28	2.00	0.00	1.00	0.00
20.18	93.88	2.00	0.00	1.00	0.00	20.19	93.45	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	92.33	2.00	0.00	1.00	0.00	20.21	90.61	2.00	0.00	1.00	0.00
20.22	88.50	2.00	0.00	1.00	0.00	20.23	85.60	2.00	0.00	1.00	0.00
20.24	82.67	2.00	0.00	1.00	0.00	20.25	80.07	2.00	0.00	1.00	0.00
20.26	79.00	2.00	0.00	1.00	0.00	20.27	78.68	2.00	0.00	1.00	0.00
20.28	79.21	2.00	0.00	1.00	0.00	20.29	80.72	2.00	0.00	1.00	0.00
20.30	83.65	2.00	0.00	1.00	0.00	20.31	86.99	2.00	0.00	1.00	0.00
20.32	90.27	2.00	0.00	1.00	0.00	20.33	92.64	2.00	0.00	1.00	0.00
20.34	94.83	2.00	0.00	1.00	0.00	20.35	98.28	2.00	0.00	1.00	0.00
20.36	101.73	2.00	0.00	1.00	0.00	20.37	104.84	2.00	0.00	1.00	0.00
20.38	106.85	2.00	0.00	1.00	0.00	20.39	108.49	2.00	0.00	1.00	0.00
20.40	109.91	2.00	0.00	1.00	0.00	20.41	110.71	2.00	0.00	1.00	0.00
20.42	111.22	2.00	0.00	1.00	0.00	20.43	111.62	2.00	0.00	1.00	0.00
20.44	112.05	2.00	0.00	1.00	0.00	20.45	112.49	2.00	0.00	1.00	0.00
20.46	112.75	2.00	0.00	1.00	0.00	20.47	112.51	2.00	0.00	1.00	0.00
20.48	111.91	2.00	0.00	1.00	0.00	20.49	111.16	2.00	0.00	1.00	0.00
20.50	110.54	2.00	0.00	1.00	0.00	20.51	110.00	2.00	0.00	1.00	0.00
20.52	109.50	2.00	0.00	1.00	0.00	20.53	109.16	2.00	0.00	1.00	0.00
20.54	108.71	2.00	0.00	1.00	0.00	20.55	108.07	2.00	0.00	1.00	0.00
20.56	107.13	2.00	0.00	1.00	0.00	20.57	106.24	2.00	0.00	1.00	0.00
20.58	105.47	2.00	0.00	1.00	0.00	20.59	104.42	2.00	0.00	1.00	0.00
20.60	103.54	2.00	0.00	1.00	0.00	20.61	102.67	2.00	0.00	1.00	0.00
20.62	102.40	2.00	0.00	1.00	0.00						

**Total estimated settlement: 1.97****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**

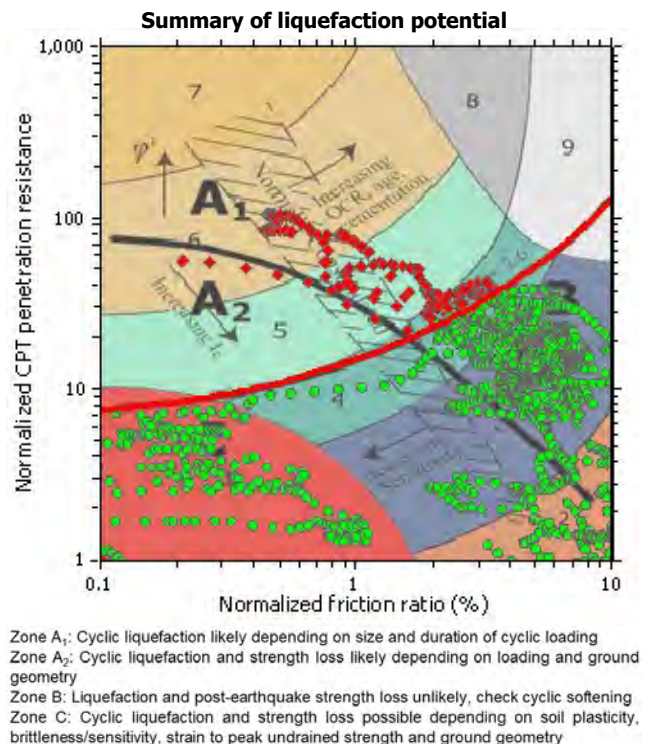
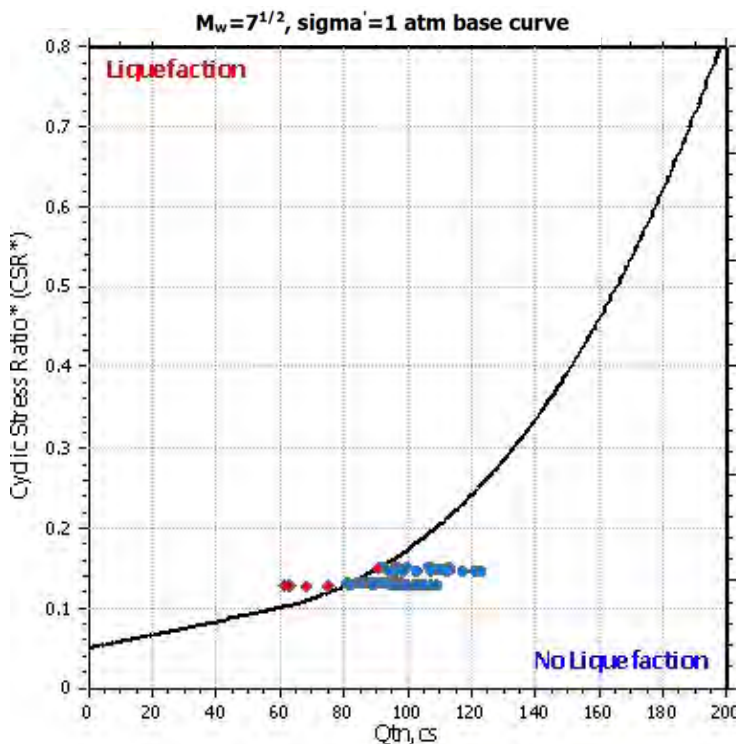
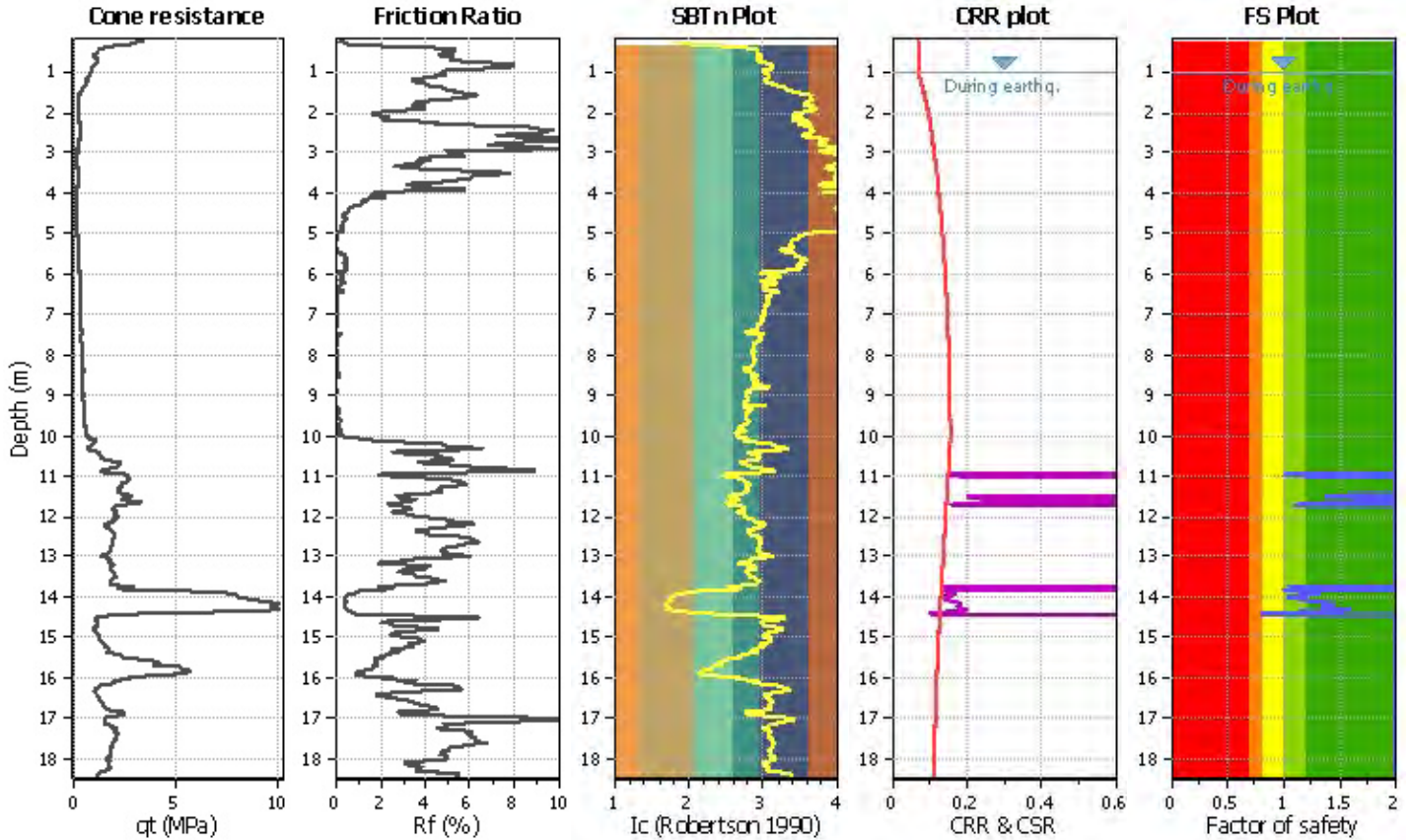
**Project title :**

**Location :**

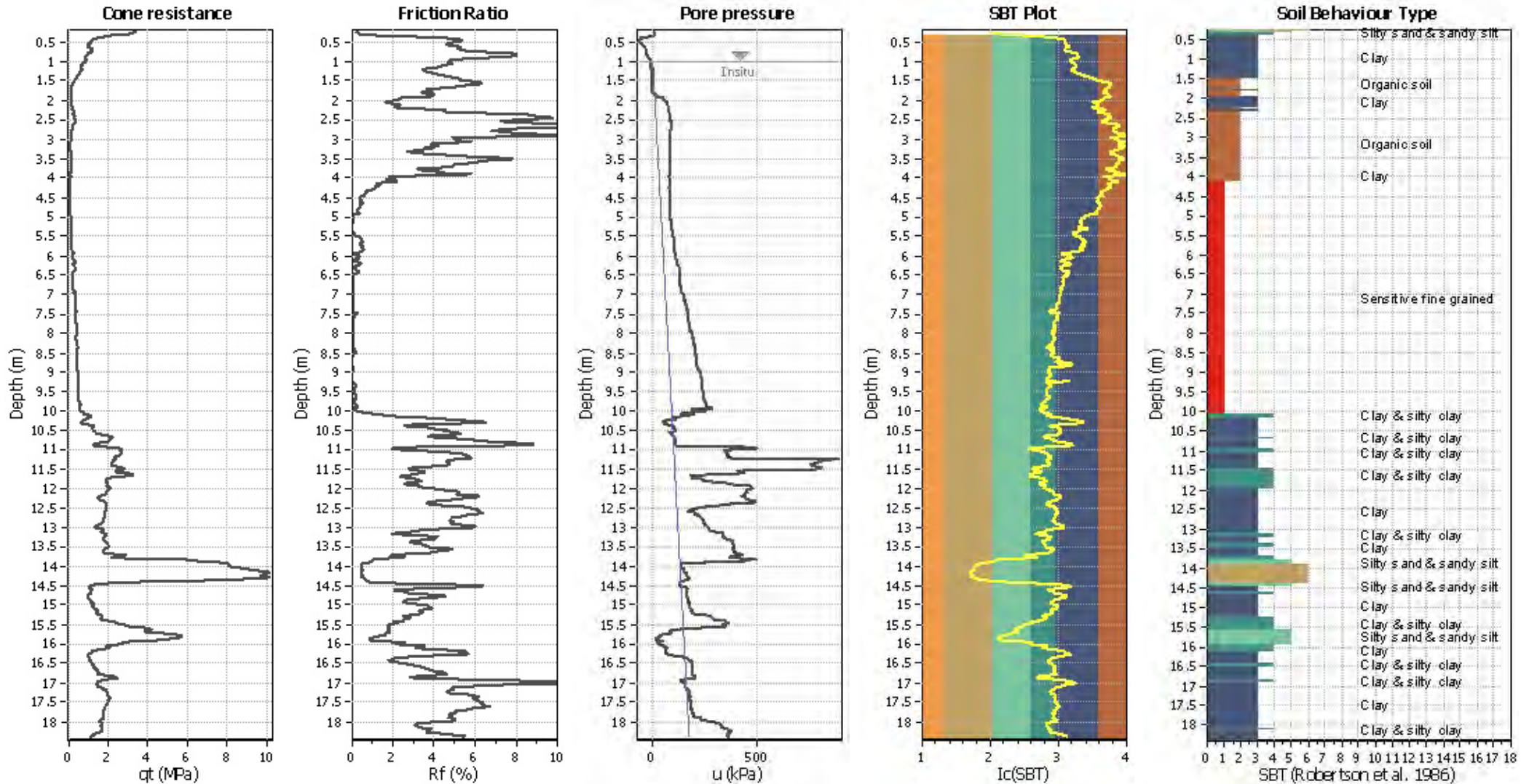
**CPT file : CPTU2 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



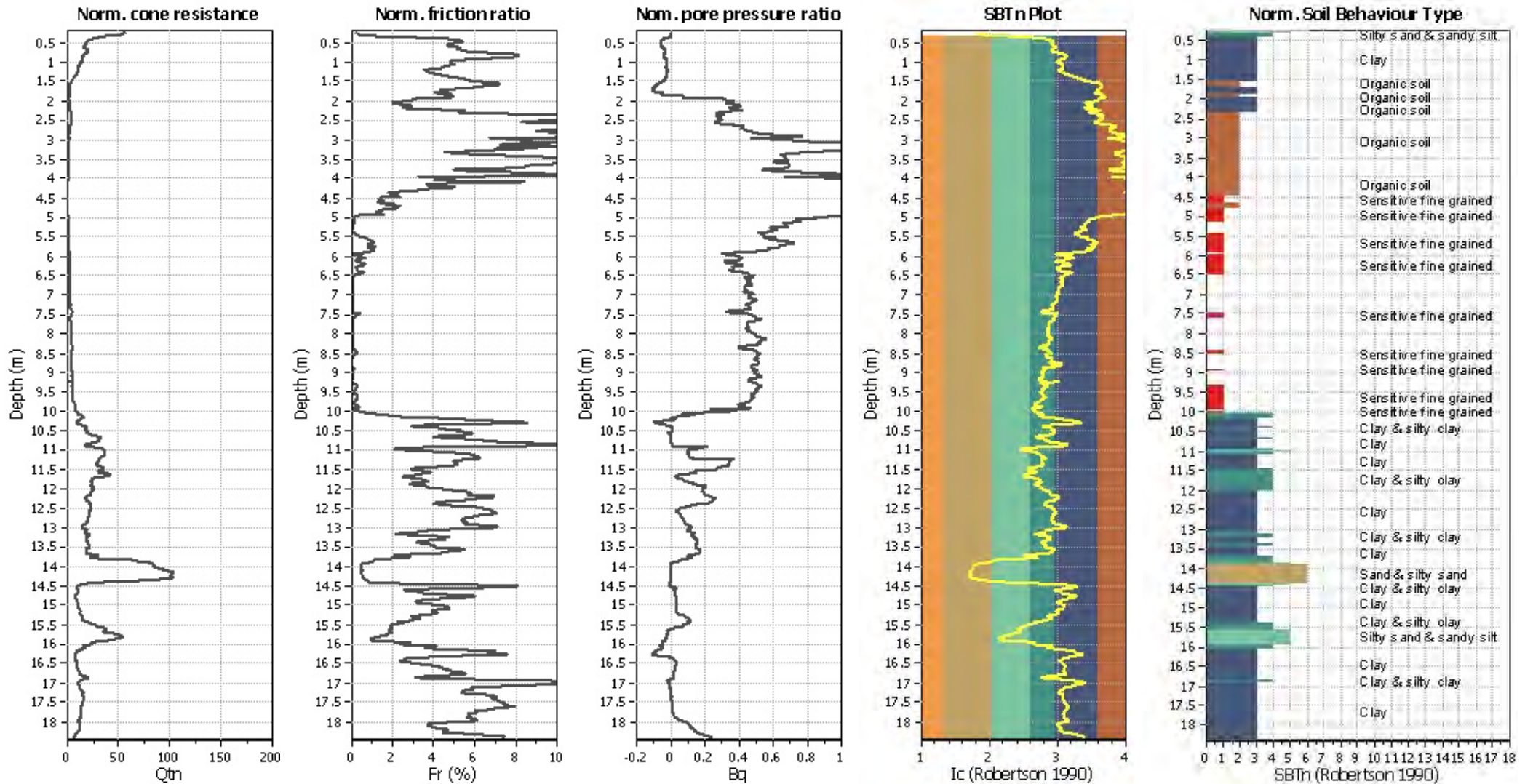
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



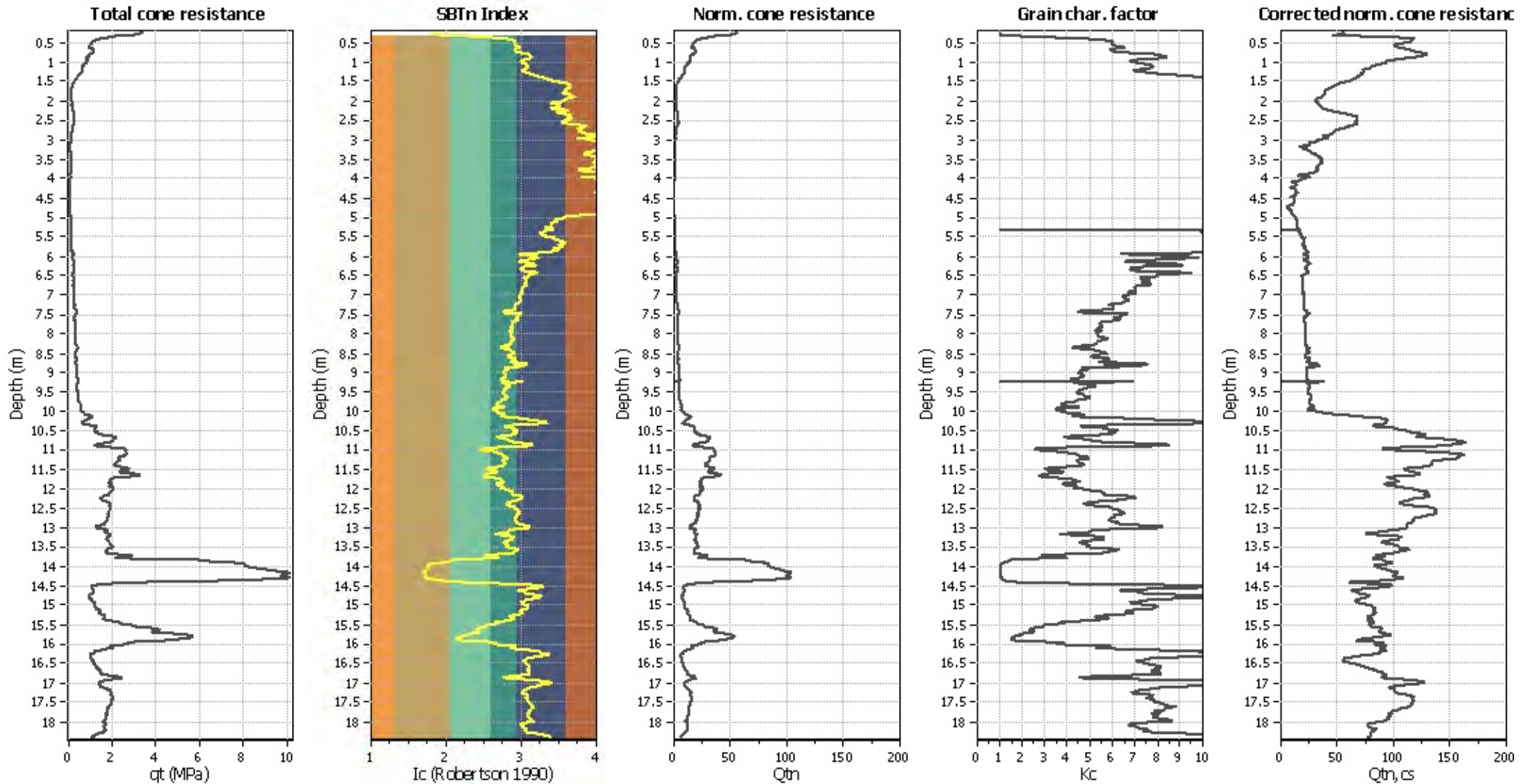
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

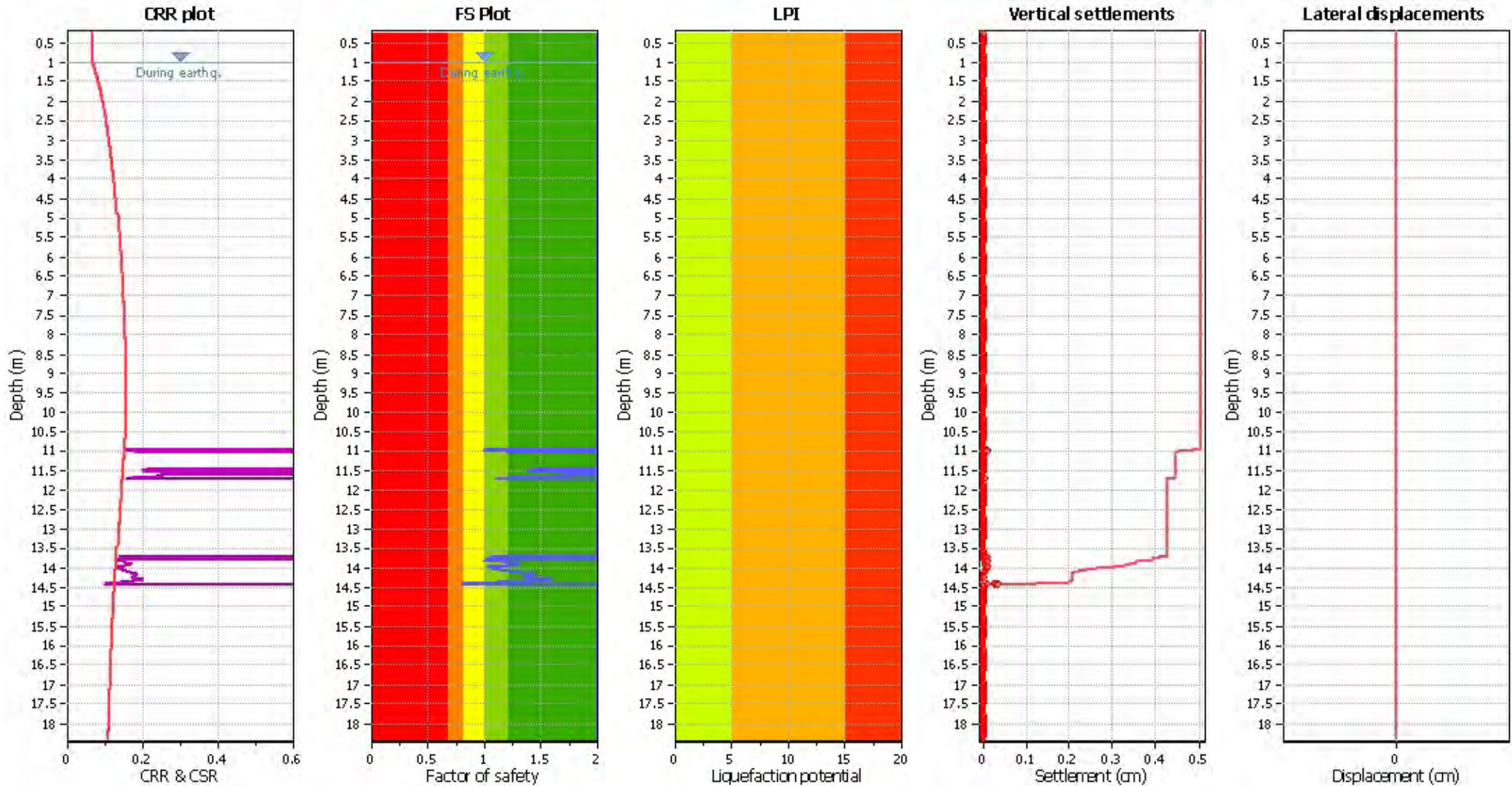
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_c$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

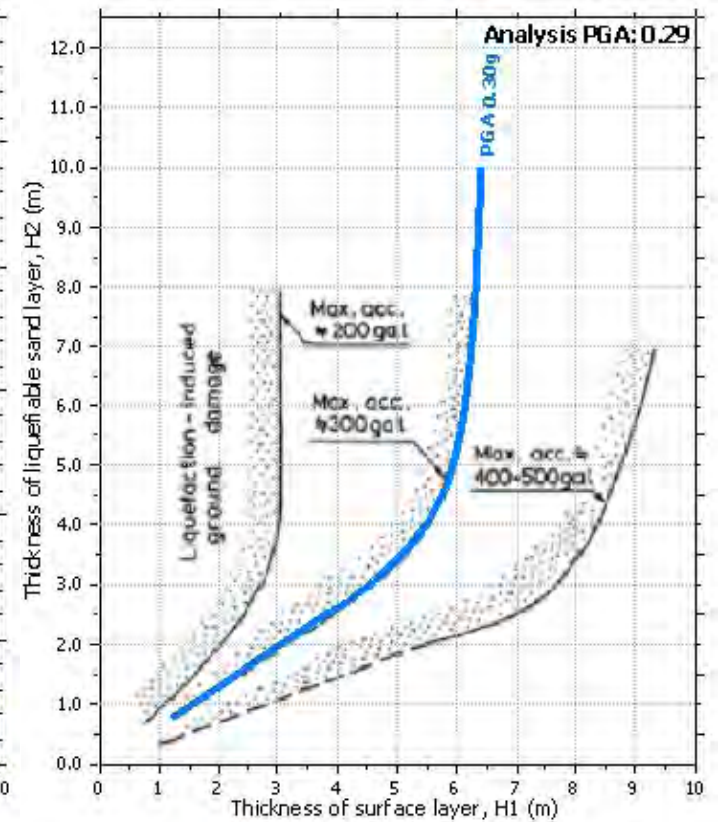
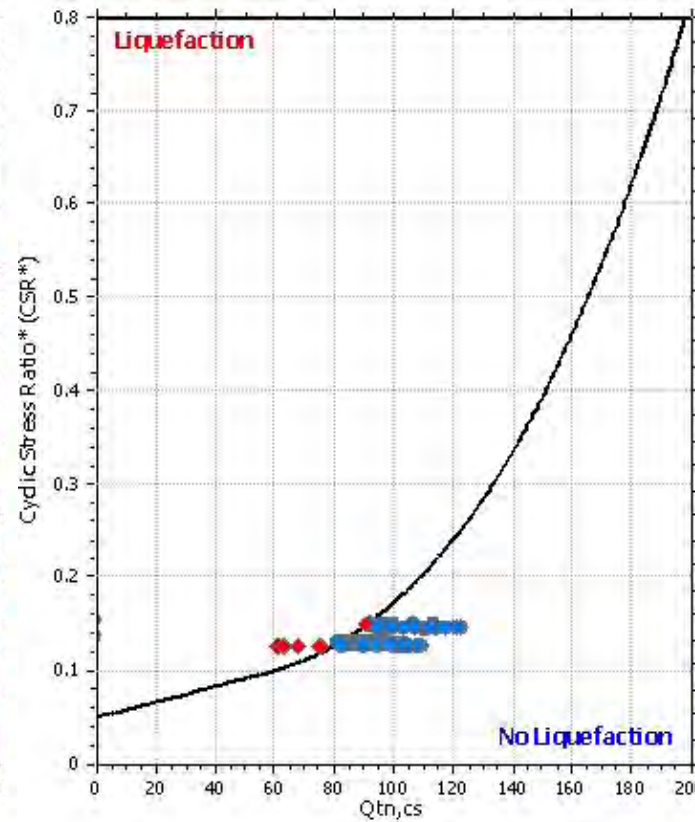
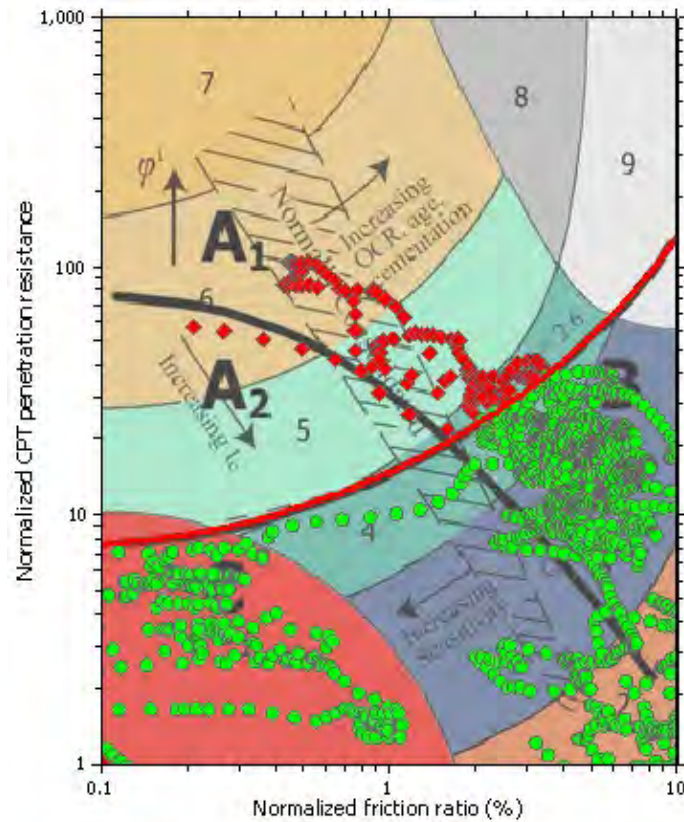
**F.S. color scheme**

- 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

### Liquefaction analysis summary plo

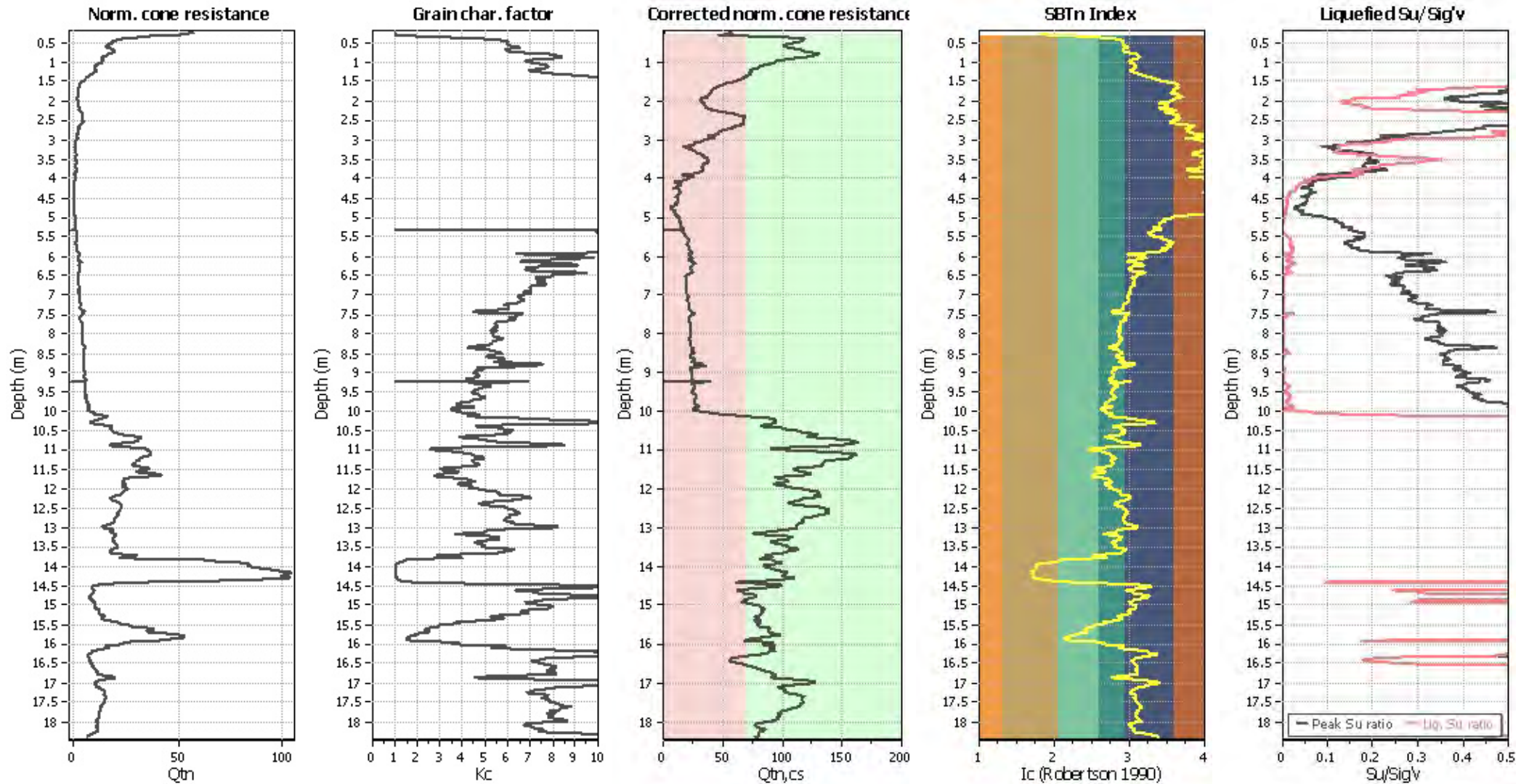


#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	1.09	0.00	4.53	0.01	0.00
10.95	1.02	0.00	4.53	0.01	0.00	10.96	1.00	0.00	4.52	0.01	0.00
10.97	1.00	0.00	4.51	0.01	0.00	10.98	1.02	0.00	4.51	0.01	0.00
10.99	1.09	0.00	4.50	0.01	0.00	11.00	1.16	0.00	4.50	0.01	0.00
11.01	1.30	0.00	4.50	0.01	0.00	11.02	1.44	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	1.48	0.00	4.28	0.01	0.00	11.46	1.43	0.00	4.27	0.01	0.00
11.47	1.40	0.00	4.26	0.01	0.00	11.48	1.38	0.00	4.26	0.01	0.00
11.49	1.39	0.00	4.25	0.01	0.00	11.50	1.42	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	1.73	0.00	4.20	0.01	0.00
11.61	1.75	0.00	4.20	0.01	0.00	11.62	1.75	0.00	4.19	0.01	0.00
11.63	1.69	0.00	4.18	0.01	0.00	11.64	1.59	0.00	4.18	0.01	0.00
11.65	1.46	0.00	4.17	0.01	0.00	11.66	1.35	0.00	4.17	0.01	0.00
11.67	1.26	0.00	4.17	0.01	0.00	11.68	1.18	0.00	4.16	0.01	0.00
11.69	1.12	0.00	4.16	0.01	0.00	11.70	1.10	0.00	4.15	0.01	0.00
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	2.00	0.00	3.16	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00
13.71	1.07	0.00	3.15	0.01	0.00	13.72	1.05	0.00	3.14	0.01	0.00
13.73	1.07	0.00	3.13	0.01	0.00	13.74	1.11	0.00	3.13	0.01	0.00
13.75	1.16	0.00	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	1.01	0.00	3.10	0.01	0.00
13.81	1.00	0.00	3.10	0.01	0.00	13.82	1.03	0.00	3.09	0.01	0.00
13.83	1.09	0.00	3.08	0.01	0.00	13.84	1.15	0.00	3.08	0.01	0.00
13.85	1.21	0.00	3.08	0.01	0.00	13.86	1.26	0.00	3.07	0.01	0.00
13.87	1.29	0.00	3.06	0.01	0.00	13.88	1.31	0.00	3.06	0.01	0.00
13.89	1.31	0.00	3.06	0.01	0.00	13.90	1.27	0.00	3.05	0.01	0.00
13.91	1.24	0.00	3.04	0.01	0.00	13.92	1.21	0.00	3.04	0.01	0.00
13.93	1.20	0.00	3.04	0.01	0.00	13.94	1.04	0.00	3.03	0.01	0.00
13.95	1.04	0.00	3.02	0.01	0.00	13.96	1.04	0.00	3.02	0.01	0.00
13.97	1.04	0.00	3.02	0.01	0.00	13.98	1.05	0.00	3.01	0.01	0.00
13.99	1.06	0.00	3.00	0.01	0.00	14.00	1.07	0.00	3.00	0.01	0.00
14.01	1.08	0.00	3.00	0.01	0.00	14.02	1.10	0.00	2.99	0.01	0.00
14.03	1.12	0.00	2.98	0.01	0.00	14.04	1.14	0.00	2.98	0.01	0.00
14.05	1.16	0.00	2.98	0.01	0.00	14.06	1.19	0.00	2.97	0.01	0.00
14.07	1.21	0.00	2.96	0.01	0.00	14.08	1.23	0.00	2.96	0.01	0.00
14.09	1.26	0.00	2.96	0.01	0.00	14.10	1.29	0.00	2.95	0.01	0.00
14.11	1.33	0.00	2.94	0.01	0.00	14.12	1.37	0.00	2.94	0.01	0.00
14.13	1.40	0.00	2.94	0.01	0.00	14.14	1.42	0.00	2.93	0.01	0.00
14.15	1.44	0.00	2.92	0.01	0.00	14.16	1.45	0.00	2.92	0.01	0.00
14.17	1.45	0.00	2.92	0.01	0.00	14.18	1.43	0.00	2.91	0.01	0.00
14.19	1.41	0.00	2.90	0.01	0.00	14.20	1.39	0.00	2.90	0.01	0.00
14.21	1.38	0.00	2.90	0.01	0.00	14.22	1.36	0.00	2.89	0.01	0.00
14.23	1.35	0.00	2.88	0.01	0.00	14.24	1.35	0.00	2.88	0.01	0.00
14.25	1.38	0.00	2.88	0.01	0.00	14.26	1.41	0.00	2.87	0.01	0.00
14.27	1.43	0.00	2.87	0.01	0.00	14.28	1.44	0.00	2.86	0.01	0.00
14.29	1.59	0.00	2.85	0.01	0.00	14.30	1.59	0.00	2.85	0.01	0.00
14.31	1.55	0.00	2.85	0.01	0.00	14.32	1.50	0.00	2.84	0.01	0.00
14.33	1.43	0.00	2.83	0.01	0.00	14.34	1.35	0.00	2.83	0.01	0.00
14.35	1.26	0.00	2.83	0.01	0.00	14.36	1.16	0.00	2.82	0.01	0.00
14.37	1.05	0.00	2.81	0.01	0.00	14.38	0.95	0.05	2.81	0.01	0.00
14.39	0.86	0.14	2.81	0.01	0.00	14.40	0.82	0.18	2.80	0.01	0.01
14.41	0.80	0.20	2.79	0.01	0.01	14.42	0.82	0.18	2.79	0.01	0.01
14.43	0.87	0.13	2.79	0.01	0.00	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	2.00	0.00	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	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
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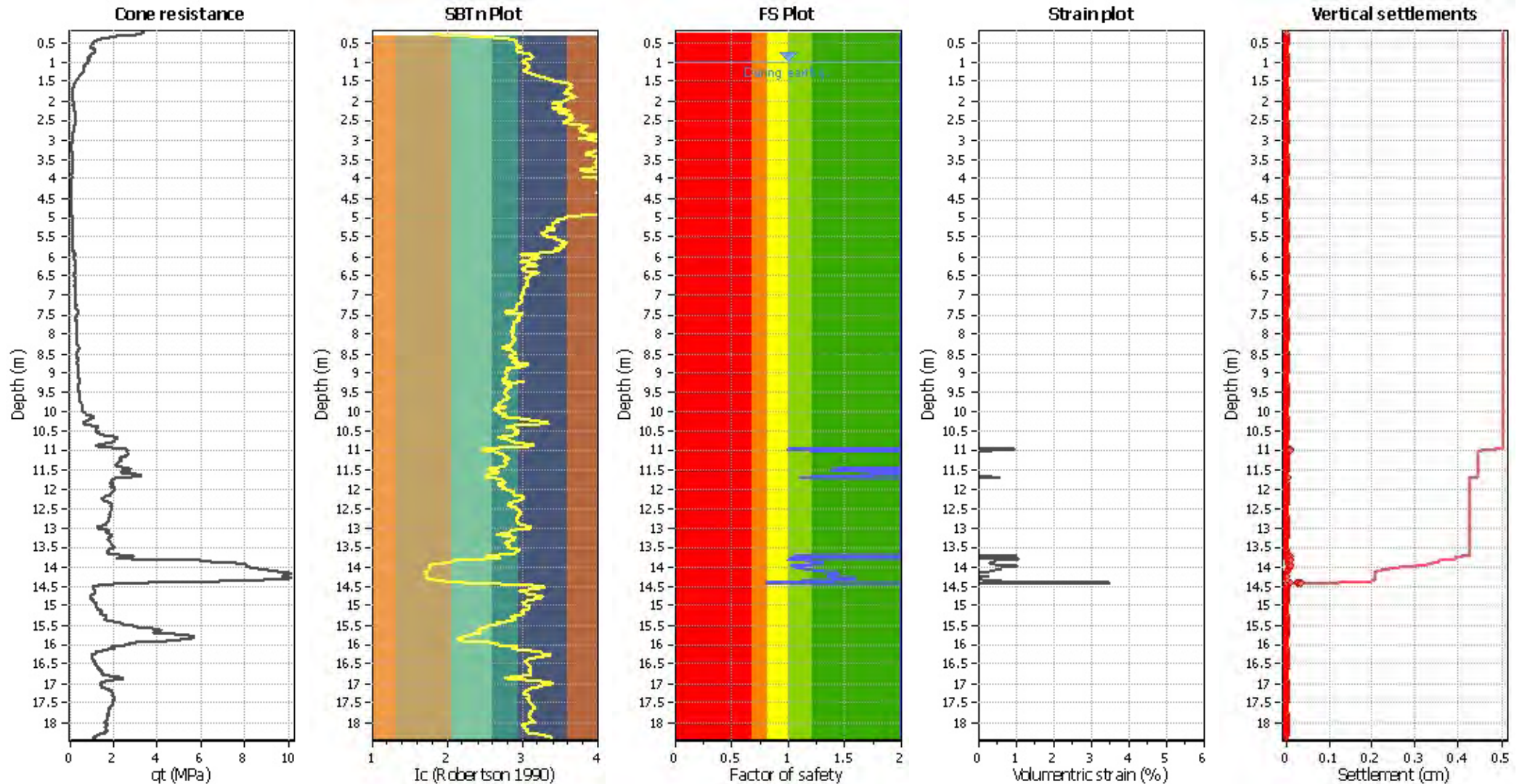
**Overall liquefaction potential: 0.03**

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**

- $q_c$ : 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

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	93.60	2.00	0.00	1.00	0.00	1.01	93.35	2.00	0.00	1.00	0.00
1.02	93.19	2.00	0.00	1.00	0.00	1.03	92.30	2.00	0.00	1.00	0.00
1.04	90.93	2.00	0.00	1.00	0.00	1.05	89.45	2.00	0.00	1.00	0.00
1.06	88.75	2.00	0.00	1.00	0.00	1.07	88.03	2.00	0.00	1.00	0.00
1.08	86.30	2.00	0.00	1.00	0.00	1.09	84.42	2.00	0.00	1.00	0.00
1.10	82.78	2.00	0.00	1.00	0.00	1.11	81.86	2.00	0.00	1.00	0.00
1.12	80.63	2.00	0.00	1.00	0.00	1.13	78.85	2.00	0.00	1.00	0.00
1.14	77.34	2.00	0.00	1.00	0.00	1.15	76.04	2.00	0.00	1.00	0.00
1.16	75.08	2.00	0.00	1.00	0.00	1.17	74.20	2.00	0.00	1.00	0.00
1.18	73.61	2.00	0.00	1.00	0.00	1.19	73.61	2.00	0.00	1.00	0.00
1.20	73.79	2.00	0.00	1.00	0.00	1.21	73.88	2.00	0.00	1.00	0.00
1.22	73.87	2.00	0.00	1.00	0.00	1.23	73.64	2.00	0.00	1.00	0.00
1.24	73.33	2.00	0.00	1.00	0.00	1.25	72.65	2.00	0.00	1.00	0.00
1.26	72.28	2.00	0.00	1.00	0.00	1.27	72.35	2.00	0.00	1.00	0.00
1.28	72.64	2.00	0.00	1.00	0.00	1.29	72.64	2.00	0.00	1.00	0.00
1.30	72.02	2.00	0.00	1.00	0.00	1.31	71.36	2.00	0.00	1.00	0.00
1.32	70.64	2.00	0.00	1.00	0.00	1.33	70.14	2.00	0.00	1.00	0.00
1.34	69.78	2.00	0.00	1.00	0.00	1.35	69.69	2.00	0.00	1.00	0.00
1.36	69.46	2.00	0.00	1.00	0.00	1.37	68.96	2.00	0.00	1.00	0.00
1.38	68.32	2.00	0.00	1.00	0.00	1.39	67.65	2.00	0.00	1.00	0.00
1.40	66.98	2.00	0.00	1.00	0.00	1.41	66.10	2.00	0.00	1.00	0.00
1.42	65.29	2.00	0.00	1.00	0.00	1.43	64.42	2.00	0.00	1.00	0.00
1.44	63.71	2.00	0.00	1.00	0.00	1.45	62.92	2.00	0.00	1.00	0.00
1.46	62.34	2.00	0.00	1.00	0.00	1.47	61.39	2.00	0.00	1.00	0.00
1.48	60.33	2.00	0.00	1.00	0.00	1.49	59.09	2.00	0.00	1.00	0.00
1.50	57.97	2.00	0.00	1.00	0.00	1.51	56.94	2.00	0.00	1.00	0.00
1.52	55.58	2.00	0.00	1.00	0.00	1.53	54.24	2.00	0.00	1.00	0.00
1.54	52.84	2.00	0.00	1.00	0.00	1.55	51.92	2.00	0.00	1.00	0.00
1.56	51.07	2.00	0.00	1.00	0.00	1.57	50.40	2.00	0.00	1.00	0.00
1.58	49.74	2.00	0.00	1.00	0.00	1.59	49.21	2.00	0.00	1.00	0.00
1.60	48.69	2.00	0.00	1.00	0.00	1.61	47.70	2.00	0.00	1.00	0.00
1.62	46.76	2.00	0.00	1.00	0.00	1.63	45.94	2.00	0.00	1.00	0.00
1.64	45.21	2.00	0.00	1.00	0.00	1.65	44.40	2.00	0.00	1.00	0.00
1.66	43.40	2.00	0.00	1.00	0.00	1.67	42.75	2.00	0.00	1.00	0.00
1.68	42.04	2.00	0.00	1.00	0.00	1.69	41.17	2.00	0.00	1.00	0.00
1.70	40.37	2.00	0.00	1.00	0.00	1.71	39.84	2.00	0.00	1.00	0.00
1.72	39.81	2.00	0.00	1.00	0.00	1.73	39.72	2.00	0.00	1.00	0.00
1.74	39.99	2.00	0.00	1.00	0.00	1.75	40.16	2.00	0.00	1.00	0.00
1.76	40.38	2.00	0.00	1.00	0.00	1.77	40.37	2.00	0.00	1.00	0.00
1.78	39.96	2.00	0.00	1.00	0.00	1.79	39.68	2.00	0.00	1.00	0.00
1.80	39.26	2.00	0.00	1.00	0.00	1.81	39.20	2.00	0.00	1.00	0.00
1.82	38.94	2.00	0.00	1.00	0.00	1.83	38.60	2.00	0.00	1.00	0.00
1.84	38.31	2.00	0.00	1.00	0.00	1.85	38.15	2.00	0.00	1.00	0.00
1.86	37.79	2.00	0.00	1.00	0.00	1.87	37.22	2.00	0.00	1.00	0.00
1.88	36.50	2.00	0.00	1.00	0.00	1.89	35.93	2.00	0.00	1.00	0.00
1.90	35.95	2.00	0.00	1.00	0.00	1.91	36.25	2.00	0.00	1.00	0.00
1.92	36.53	2.00	0.00	1.00	0.00	1.93	34.79	2.00	0.00	1.00	0.00
1.94	33.27	2.00	0.00	1.00	0.00	1.95	31.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	31.43	2.00	0.00	1.00	0.00	1.97	31.10	2.00	0.00	1.00	0.00
1.98	30.86	2.00	0.00	1.00	0.00	1.99	31.22	2.00	0.00	1.00	0.00
2.00	31.60	2.00	0.00	1.00	0.00	2.01	32.20	2.00	0.00	1.00	0.00
2.02	32.56	2.00	0.00	1.00	0.00	2.03	32.94	2.00	0.00	1.00	0.00
2.04	33.23	2.00	0.00	1.00	0.00	2.05	33.42	2.00	0.00	1.00	0.00
2.06	33.63	2.00	0.00	1.00	0.00	2.07	33.75	2.00	0.00	1.00	0.00
2.08	34.09	2.00	0.00	1.00	0.00	2.09	34.47	2.00	0.00	1.00	0.00
2.10	34.74	2.00	0.00	1.00	0.00	2.11	34.82	2.00	0.00	1.00	0.00
2.12	34.94	2.00	0.00	1.00	0.00	2.13	35.35	2.00	0.00	1.00	0.00
2.14	35.65	2.00	0.00	1.00	0.00	2.15	35.95	2.00	0.00	1.00	0.00
2.16	36.43	2.00	0.00	1.00	0.00	2.17	37.15	2.00	0.00	1.00	0.00
2.18	37.76	2.00	0.00	1.00	0.00	2.19	38.51	2.00	0.00	1.00	0.00
2.20	39.34	2.00	0.00	1.00	0.00	2.21	40.16	2.00	0.00	1.00	0.00
2.22	40.84	2.00	0.00	1.00	0.00	2.23	41.65	2.00	0.00	1.00	0.00
2.24	42.92	2.00	0.00	1.00	0.00	2.25	44.68	2.00	0.00	1.00	0.00
2.26	46.72	2.00	0.00	1.00	0.00	2.27	49.14	2.00	0.00	1.00	0.00
2.28	51.49	2.00	0.00	1.00	0.00	2.29	53.57	2.00	0.00	1.00	0.00
2.30	55.50	2.00	0.00	1.00	0.00	2.31	56.92	2.00	0.00	1.00	0.00
2.32	58.21	2.00	0.00	1.00	0.00	2.33	59.22	2.00	0.00	1.00	0.00
2.34	60.29	2.00	0.00	1.00	0.00	2.35	61.57	2.00	0.00	1.00	0.00
2.36	62.70	2.00	0.00	1.00	0.00	2.37	64.22	2.00	0.00	1.00	0.00
2.38	65.59	2.00	0.00	1.00	0.00	2.39	67.03	2.00	0.00	1.00	0.00
2.40	68.03	2.00	0.00	1.00	0.00	2.41	68.51	2.00	0.00	1.00	0.00
2.42	68.44	2.00	0.00	1.00	0.00	2.43	67.99	2.00	0.00	1.00	0.00
2.44	67.64	2.00	0.00	1.00	0.00	2.45	67.49	2.00	0.00	1.00	0.00
2.46	67.51	2.00	0.00	1.00	0.00	2.47	67.37	2.00	0.00	1.00	0.00
2.48	67.10	2.00	0.00	1.00	0.00	2.49	66.88	2.00	0.00	1.00	0.00
2.50	66.74	2.00	0.00	1.00	0.00	2.51	66.73	2.00	0.00	1.00	0.00
2.52	66.76	2.00	0.00	1.00	0.00	2.53	67.00	2.00	0.00	1.00	0.00
2.54	67.20	2.00	0.00	1.00	0.00	2.55	67.43	2.00	0.00	1.00	0.00
2.56	67.35	2.00	0.00	1.00	0.00	2.57	67.58	2.00	0.00	1.00	0.00
2.58	67.53	2.00	0.00	1.00	0.00	2.59	67.30	2.00	0.00	1.00	0.00
2.60	66.30	2.00	0.00	1.00	0.00	2.61	65.33	2.00	0.00	1.00	0.00
2.62	64.46	2.00	0.00	1.00	0.00	2.63	64.07	2.00	0.00	1.00	0.00
2.64	62.73	2.00	0.00	1.00	0.00	2.65	61.61	2.00	0.00	1.00	0.00
2.66	60.30	2.00	0.00	1.00	0.00	2.67	59.76	2.00	0.00	1.00	0.00
2.68	58.82	2.00	0.00	1.00	0.00	2.69	57.72	2.00	0.00	1.00	0.00
2.70	56.85	2.00	0.00	1.00	0.00	2.71	55.75	2.00	0.00	1.00	0.00
2.72	54.75	2.00	0.00	1.00	0.00	2.73	53.17	2.00	0.00	1.00	0.00
2.74	51.91	2.00	0.00	1.00	0.00	2.75	50.65	2.00	0.00	1.00	0.00
2.76	49.53	2.00	0.00	1.00	0.00	2.77	48.74	2.00	0.00	1.00	0.00
2.78	48.06	2.00	0.00	1.00	0.00	2.79	47.70	2.00	0.00	1.00	0.00
2.80	47.50	2.00	0.00	1.00	0.00	2.81	46.93	2.00	0.00	1.00	0.00
2.82	46.02	2.00	0.00	1.00	0.00	2.83	44.88	2.00	0.00	1.00	0.00
2.84	44.42	2.00	0.00	1.00	0.00	2.85	43.34	2.00	0.00	1.00	0.00
2.86	42.16	2.00	0.00	1.00	0.00	2.87	39.48	2.00	0.00	1.00	0.00
2.88	37.94	2.00	0.00	1.00	0.00	2.89	37.90	2.00	0.00	1.00	0.00
2.90	40.21	2.00	0.00	1.00	0.00	2.91	41.03	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.34	2.00	0.00	1.00	0.00	2.93	42.12	2.00	0.00	1.00	0.00
2.94	41.99	2.00	0.00	1.00	0.00	2.95	40.74	2.00	0.00	1.00	0.00
2.96	38.78	2.00	0.00	1.00	0.00	2.97	36.56	2.00	0.00	1.00	0.00
2.98	35.13	2.00	0.00	1.00	0.00	2.99	33.87	2.00	0.00	1.00	0.00
3.00	33.09	2.00	0.00	1.00	0.00	3.01	32.33	2.00	0.00	1.00	0.00
3.02	32.12	2.00	0.00	1.00	0.00	3.03	32.11	2.00	0.00	1.00	0.00
3.04	31.01	2.00	0.00	1.00	0.00	3.05	28.93	2.00	0.00	1.00	0.00
3.06	25.85	2.00	0.00	1.00	0.00	3.07	25.79	2.00	0.00	1.00	0.00
3.08	25.73	2.00	0.00	1.00	0.00	3.09	25.66	2.00	0.00	1.00	0.00
3.10	25.60	2.00	0.00	1.00	0.00	3.11	25.54	2.00	0.00	1.00	0.00
3.12	25.48	2.00	0.00	1.00	0.00	3.13	23.90	2.00	0.00	1.00	0.00
3.14	22.31	2.00	0.00	1.00	0.00	3.15	19.21	2.00	0.00	1.00	0.00
3.16	17.63	2.00	0.00	1.00	0.00	3.17	16.05	2.00	0.00	1.00	0.00
3.18	17.51	2.00	0.00	1.00	0.00	3.19	18.96	2.00	0.00	1.00	0.00
3.20	21.93	2.00	0.00	1.00	0.00	3.21	23.37	2.00	0.00	1.00	0.00
3.22	23.30	2.00	0.00	1.00	0.00	3.23	21.72	2.00	0.00	1.00	0.00
3.24	20.14	2.00	0.00	1.00	0.00	3.25	21.59	2.00	0.00	1.00	0.00
3.26	23.03	2.00	0.00	1.00	0.00	3.27	24.43	2.00	0.00	1.00	0.00
3.28	24.38	2.00	0.00	1.00	0.00	3.29	25.42	2.00	0.00	1.00	0.00
3.30	26.29	2.00	0.00	1.00	0.00	3.31	27.08	2.00	0.00	1.00	0.00
3.32	27.19	2.00	0.00	1.00	0.00	3.33	27.43	2.00	0.00	1.00	0.00
3.34	28.23	2.00	0.00	1.00	0.00	3.35	29.09	2.00	0.00	1.00	0.00
3.36	30.11	2.00	0.00	1.00	0.00	3.37	30.59	2.00	0.00	1.00	0.00
3.38	31.40	2.00	0.00	1.00	0.00	3.39	31.67	2.00	0.00	1.00	0.00
3.40	32.29	2.00	0.00	1.00	0.00	3.41	32.38	2.00	0.00	1.00	0.00
3.42	32.84	2.00	0.00	1.00	0.00	3.43	33.38	2.00	0.00	1.00	0.00
3.44	34.03	2.00	0.00	1.00	0.00	3.45	34.75	2.00	0.00	1.00	0.00
3.46	35.24	2.00	0.00	1.00	0.00	3.47	35.69	2.00	0.00	1.00	0.00
3.48	36.17	2.00	0.00	1.00	0.00	3.49	36.52	2.00	0.00	1.00	0.00
3.50	36.67	2.00	0.00	1.00	0.00	3.51	36.61	2.00	0.00	1.00	0.00
3.52	36.56	2.00	0.00	1.00	0.00	3.53	36.50	2.00	0.00	1.00	0.00
3.54	37.11	2.00	0.00	1.00	0.00	3.55	37.40	2.00	0.00	1.00	0.00
3.56	37.68	2.00	0.00	1.00	0.00	3.57	37.52	2.00	0.00	1.00	0.00
3.58	37.30	2.00	0.00	1.00	0.00	3.59	36.98	2.00	0.00	1.00	0.00
3.60	36.10	2.00	0.00	1.00	0.00	3.61	35.25	2.00	0.00	1.00	0.00
3.62	34.36	2.00	0.00	1.00	0.00	3.63	34.00	2.00	0.00	1.00	0.00
3.64	33.63	2.00	0.00	1.00	0.00	3.65	33.35	2.00	0.00	1.00	0.00
3.66	33.07	2.00	0.00	1.00	0.00	3.67	32.83	2.00	0.00	1.00	0.00
3.68	32.61	2.00	0.00	1.00	0.00	3.69	32.42	2.00	0.00	1.00	0.00
3.70	32.17	2.00	0.00	1.00	0.00	3.71	32.38	2.00	0.00	1.00	0.00
3.72	32.90	2.00	0.00	1.00	0.00	3.73	33.24	2.00	0.00	1.00	0.00
3.74	33.12	2.00	0.00	1.00	0.00	3.75	33.31	2.00	0.00	1.00	0.00
3.76	33.27	2.00	0.00	1.00	0.00	3.77	33.44	2.00	0.00	1.00	0.00
3.78	32.59	2.00	0.00	1.00	0.00	3.79	32.14	2.00	0.00	1.00	0.00
3.80	31.42	2.00	0.00	1.00	0.00	3.81	31.29	2.00	0.00	1.00	0.00
3.82	30.48	2.00	0.00	1.00	0.00	3.83	29.72	2.00	0.00	1.00	0.00
3.84	28.86	2.00	0.00	1.00	0.00	3.85	26.97	2.00	0.00	1.00	0.00
3.86	23.88	2.00	0.00	1.00	0.00	3.87	19.28	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	17.70	2.00	0.00	1.00	0.00	3.89	16.13	2.00	0.00	1.00	0.00
3.90	16.06	2.00	0.00	1.00	0.00	3.91	15.99	2.00	0.00	1.00	0.00
3.92	15.92	2.00	0.00	1.00	0.00	3.93	21.74	2.00	0.00	1.00	0.00
3.94	25.07	2.00	0.00	1.00	0.00	3.95	24.53	2.00	0.00	1.00	0.00
3.96	23.62	2.00	0.00	1.00	0.00	3.97	22.73	2.00	0.00	1.00	0.00
3.98	21.69	2.00	0.00	1.00	0.00	3.99	20.97	2.00	0.00	1.00	0.00
4.00	19.71	2.00	0.00	1.00	0.00	4.01	19.61	2.00	0.00	1.00	0.00
4.02	19.20	2.00	0.00	1.00	0.00	4.03	18.04	2.00	0.00	1.00	0.00
4.04	16.47	2.00	0.00	1.00	0.00	4.05	14.90	2.00	0.00	1.00	0.00
4.06	13.33	2.00	0.00	1.00	0.00	4.07	11.75	2.00	0.00	1.00	0.00
4.08	10.18	2.00	0.00	1.00	0.00	4.09	10.12	2.00	0.00	1.00	0.00
4.10	10.07	2.00	0.00	1.00	0.00	4.11	11.52	2.00	0.00	1.00	0.00
4.12	12.97	2.00	0.00	1.00	0.00	4.13	14.42	2.00	0.00	1.00	0.00
4.14	14.36	2.00	0.00	1.00	0.00	4.15	14.30	2.00	0.00	1.00	0.00
4.16	14.24	2.00	0.00	1.00	0.00	4.17	14.17	2.00	0.00	1.00	0.00
4.18	14.11	2.00	0.00	1.00	0.00	4.19	12.53	2.00	0.00	1.00	0.00
4.20	10.96	2.00	0.00	1.00	0.00	4.21	9.38	2.00	0.00	1.00	0.00
4.22	9.30	2.00	0.00	1.00	0.00	4.23	9.23	2.00	0.00	1.00	0.00
4.24	9.16	2.00	0.00	1.00	0.00	4.25	9.11	2.00	0.00	1.00	0.00
4.26	10.56	2.00	0.00	1.00	0.00	4.27	12.02	2.00	0.00	1.00	0.00
4.28	13.48	2.00	0.00	1.00	0.00	4.29	13.44	2.00	0.00	1.00	0.00
4.30	13.39	2.00	0.00	1.00	0.00	4.31	13.34	2.00	0.00	1.00	0.00
4.32	13.28	2.00	0.00	1.00	0.00	4.33	13.23	2.00	0.00	1.00	0.00
4.34	13.17	2.00	0.00	1.00	0.00	4.35	14.32	2.00	0.00	1.00	0.00
4.36	14.84	2.00	0.00	1.00	0.00	4.37	14.69	2.00	0.00	1.00	0.00
4.38	13.93	2.00	0.00	1.00	0.00	4.39	12.88	2.00	0.00	1.00	0.00
4.40	12.81	2.00	0.00	1.00	0.00	4.41	12.74	2.00	0.00	1.00	0.00
4.42	12.68	2.00	0.00	1.00	0.00	4.43	12.61	2.00	0.00	1.00	0.00
4.44	12.55	2.00	0.00	1.00	0.00	4.45	10.98	2.00	0.00	1.00	0.00
4.46	9.41	2.00	0.00	1.00	0.00	4.47	9.35	2.00	0.00	1.00	0.00
4.48	10.80	2.00	0.00	1.00	0.00	4.49	12.13	2.00	0.00	1.00	0.00
4.50	11.94	2.00	0.00	1.00	0.00	4.51	11.87	2.00	0.00	1.00	0.00
4.52	11.84	2.00	0.00	1.00	0.00	4.53	11.82	2.00	0.00	1.00	0.00
4.54	11.90	2.00	0.00	1.00	0.00	4.55	11.88	2.00	0.00	1.00	0.00
4.56	11.82	2.00	0.00	1.00	0.00	4.57	11.76	2.00	0.00	1.00	0.00
4.58	11.69	2.00	0.00	1.00	0.00	4.59	11.60	2.00	0.00	1.00	0.00
4.60	11.52	2.00	0.00	1.00	0.00	4.61	11.51	2.00	0.00	1.00	0.00
4.62	11.44	2.00	0.00	1.00	0.00	4.63	11.38	2.00	0.00	1.00	0.00
4.64	9.81	2.00	0.00	1.00	0.00	4.65	9.75	2.00	0.00	1.00	0.00
4.66	9.69	2.00	0.00	1.00	0.00	4.67	11.14	2.00	0.00	1.00	0.00
4.68	9.57	2.00	0.00	1.00	0.00	4.69	8.00	2.00	0.00	1.00	0.00
4.70	6.43	2.00	0.00	1.00	0.00	4.71	6.36	2.00	0.00	1.00	0.00
4.72	6.31	2.00	0.00	1.00	0.00	4.73	6.25	2.00	0.00	1.00	0.00
4.74	6.19	2.00	0.00	1.00	0.00	4.75	6.13	2.00	0.00	1.00	0.00
4.76	6.07	2.00	0.00	1.00	0.00	4.77	6.01	2.00	0.00	1.00	0.00
4.78	5.95	2.00	0.00	1.00	0.00	4.79	7.39	2.00	0.00	1.00	0.00
4.80	8.83	2.00	0.00	1.00	0.00	4.81	10.28	2.00	0.00	1.00	0.00
4.82	8.72	2.00	0.00	1.00	0.00	4.83	8.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	8.61	2.00	0.00	1.00	0.00	4.85	10.06	2.00	0.00	1.00	0.00
4.86	10.01	2.00	0.00	1.00	0.00	4.87	9.95	2.00	0.00	1.00	0.00
4.88	9.89	2.00	0.00	1.00	0.00	4.89	9.83	2.00	0.00	1.00	0.00
4.90	9.78	2.00	0.00	1.00	0.00	4.91	9.72	2.00	0.00	1.00	0.00
4.92	9.66	2.00	0.00	1.00	0.00	4.93	10.83	2.00	0.00	1.00	0.00
4.94	11.38	2.00	0.00	1.00	0.00	4.95	11.46	2.00	0.00	1.00	0.00
4.96	11.89	2.00	0.00	1.00	0.00	4.97	11.89	2.00	0.00	1.00	0.00
4.98	12.28	2.00	0.00	1.00	0.00	4.99	12.64	2.00	0.00	1.00	0.00
5.00	13.09	2.00	0.00	1.00	0.00	5.01	13.09	2.00	0.00	1.00	0.00
5.02	13.09	2.00	0.00	1.00	0.00	5.03	13.31	2.00	0.00	1.00	0.00
5.04	13.62	2.00	0.00	1.00	0.00	5.05	13.92	2.00	0.00	1.00	0.00
5.06	13.91	2.00	0.00	1.00	0.00	5.07	13.90	2.00	0.00	1.00	0.00
5.08	13.90	2.00	0.00	1.00	0.00	5.09	13.89	2.00	0.00	1.00	0.00
5.10	13.88	2.00	0.00	1.00	0.00	5.11	13.87	2.00	0.00	1.00	0.00
5.12	13.87	2.00	0.00	1.00	0.00	5.13	14.14	2.00	0.00	1.00	0.00
5.14	14.41	2.00	0.00	1.00	0.00	5.15	14.58	2.00	0.00	1.00	0.00
5.16	14.52	2.00	0.00	1.00	0.00	5.17	14.57	2.00	0.00	1.00	0.00
5.18	14.56	2.00	0.00	1.00	0.00	5.19	14.55	2.00	0.00	1.00	0.00
5.20	14.55	2.00	0.00	1.00	0.00	5.21	14.54	2.00	0.00	1.00	0.00
5.22	14.53	2.00	0.00	1.00	0.00	5.23	14.52	2.00	0.00	1.00	0.00
5.24	14.51	2.00	0.00	1.00	0.00	5.25	14.50	2.00	0.00	1.00	0.00
5.26	15.08	2.00	0.00	1.00	0.00	5.27	15.36	2.00	0.00	1.00	0.00
5.28	15.63	2.00	0.00	1.00	0.00	5.29	15.35	2.00	0.00	1.00	0.00
5.30	15.66	2.00	0.00	1.00	0.00	5.31	16.68	2.00	0.00	1.00	0.00
5.32	-1.00	2.00	0.00	1.00	0.00	5.33	-1.00	2.00	0.00	1.00	0.00
5.34	16.65	2.00	0.00	1.00	0.00	5.35	15.93	2.00	0.00	1.00	0.00
5.36	16.11	2.00	0.00	1.00	0.00	5.37	16.39	2.00	0.00	1.00	0.00
5.38	16.54	2.00	0.00	1.00	0.00	5.39	16.61	2.00	0.00	1.00	0.00
5.40	16.85	2.00	0.00	1.00	0.00	5.41	17.14	2.00	0.00	1.00	0.00
5.42	17.44	2.00	0.00	1.00	0.00	5.43	17.53	2.00	0.00	1.00	0.00
5.44	17.70	2.00	0.00	1.00	0.00	5.45	17.87	2.00	0.00	1.00	0.00
5.46	18.23	2.00	0.00	1.00	0.00	5.47	18.58	2.00	0.00	1.00	0.00
5.48	18.83	2.00	0.00	1.00	0.00	5.49	19.05	2.00	0.00	1.00	0.00
5.50	19.23	2.00	0.00	1.00	0.00	5.51	19.84	2.00	0.00	1.00	0.00
5.52	20.41	2.00	0.00	1.00	0.00	5.53	20.98	2.00	0.00	1.00	0.00
5.54	21.16	2.00	0.00	1.00	0.00	5.55	21.08	2.00	0.00	1.00	0.00
5.56	20.92	2.00	0.00	1.00	0.00	5.57	20.74	2.00	0.00	1.00	0.00
5.58	20.79	2.00	0.00	1.00	0.00	5.59	20.59	2.00	0.00	1.00	0.00
5.60	20.63	2.00	0.00	1.00	0.00	5.61	20.38	2.00	0.00	1.00	0.00
5.62	20.37	2.00	0.00	1.00	0.00	5.63	20.21	2.00	0.00	1.00	0.00
5.64	20.26	2.00	0.00	1.00	0.00	5.65	20.20	2.00	0.00	1.00	0.00
5.66	19.87	2.00	0.00	1.00	0.00	5.67	19.53	2.00	0.00	1.00	0.00
5.68	19.29	2.00	0.00	1.00	0.00	5.69	19.48	2.00	0.00	1.00	0.00
5.70	19.77	2.00	0.00	1.00	0.00	5.71	20.17	2.00	0.00	1.00	0.00
5.72	20.57	2.00	0.00	1.00	0.00	5.73	20.99	2.00	0.00	1.00	0.00
5.74	21.34	2.00	0.00	1.00	0.00	5.75	21.48	2.00	0.00	1.00	0.00
5.76	21.34	2.00	0.00	1.00	0.00	5.77	21.20	2.00	0.00	1.00	0.00
5.78	20.96	2.00	0.00	1.00	0.00	5.79	20.98	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.26	2.00	0.00	1.00	0.00	5.81	21.64	2.00	0.00	1.00	0.00
5.82	21.94	2.00	0.00	1.00	0.00	5.83	22.14	2.00	0.00	1.00	0.00
5.84	22.34	2.00	0.00	1.00	0.00	5.85	22.70	2.00	0.00	1.00	0.00
5.86	22.74	2.00	0.00	1.00	0.00	5.87	22.84	2.00	0.00	1.00	0.00
5.88	22.91	2.00	0.00	1.00	0.00	5.89	23.44	2.00	0.00	1.00	0.00
5.90	23.81	2.00	0.00	1.00	0.00	5.91	24.09	2.00	0.00	1.00	0.00
5.92	23.01	2.00	0.00	1.00	0.00	5.93	21.51	2.00	0.00	1.00	0.00
5.94	20.29	2.00	0.00	1.00	0.00	5.95	20.12	2.00	0.00	1.00	0.00
5.96	20.13	2.00	0.00	1.00	0.00	5.97	20.70	2.00	0.00	1.00	0.00
5.98	21.20	2.00	0.00	1.00	0.00	5.99	21.92	2.00	0.00	1.00	0.00
6.00	22.49	2.00	0.00	1.00	0.00	6.01	23.17	2.00	0.00	1.00	0.00
6.02	23.73	2.00	0.00	1.00	0.00	6.03	24.00	2.00	0.00	1.00	0.00
6.04	24.18	2.00	0.00	1.00	0.00	6.05	24.17	2.00	0.00	1.00	0.00
6.06	23.89	2.00	0.00	1.00	0.00	6.07	23.12	2.00	0.00	1.00	0.00
6.08	22.09	2.00	0.00	1.00	0.00	6.09	21.24	2.00	0.00	1.00	0.00
6.10	20.90	2.00	0.00	1.00	0.00	6.11	21.25	2.00	0.00	1.00	0.00
6.12	21.74	2.00	0.00	1.00	0.00	6.13	22.19	2.00	0.00	1.00	0.00
6.14	22.68	2.00	0.00	1.00	0.00	6.15	23.38	2.00	0.00	1.00	0.00
6.16	24.49	2.00	0.00	1.00	0.00	6.17	25.61	2.00	0.00	1.00	0.00
6.18	26.44	2.00	0.00	1.00	0.00	6.19	26.88	2.00	0.00	1.00	0.00
6.20	26.51	2.00	0.00	1.00	0.00	6.21	25.67	2.00	0.00	1.00	0.00
6.22	24.45	2.00	0.00	1.00	0.00	6.23	23.68	2.00	0.00	1.00	0.00
6.24	23.15	2.00	0.00	1.00	0.00	6.25	23.24	2.00	0.00	1.00	0.00
6.26	23.24	2.00	0.00	1.00	0.00	6.27	23.29	2.00	0.00	1.00	0.00
6.28	22.77	2.00	0.00	1.00	0.00	6.29	22.24	2.00	0.00	1.00	0.00
6.30	21.76	2.00	0.00	1.00	0.00	6.31	22.00	2.00	0.00	1.00	0.00
6.32	22.54	2.00	0.00	1.00	0.00	6.33	23.06	2.00	0.00	1.00	0.00
6.34	23.18	2.00	0.00	1.00	0.00	6.35	23.17	2.00	0.00	1.00	0.00
6.36	23.02	2.00	0.00	1.00	0.00	6.37	23.03	2.00	0.00	1.00	0.00
6.38	23.33	2.00	0.00	1.00	0.00	6.39	23.80	2.00	0.00	1.00	0.00
6.40	24.12	2.00	0.00	1.00	0.00	6.41	24.24	2.00	0.00	1.00	0.00
6.42	24.28	2.00	0.00	1.00	0.00	6.43	24.05	2.00	0.00	1.00	0.00
6.44	23.29	2.00	0.00	1.00	0.00	6.45	22.38	2.00	0.00	1.00	0.00
6.46	21.22	2.00	0.00	1.00	0.00	6.47	20.30	2.00	0.00	1.00	0.00
6.48	19.59	2.00	0.00	1.00	0.00	6.49	19.14	2.00	0.00	1.00	0.00
6.50	18.79	2.00	0.00	1.00	0.00	6.51	18.59	2.00	0.00	1.00	0.00
6.52	18.87	2.00	0.00	1.00	0.00	6.53	19.00	2.00	0.00	1.00	0.00
6.54	19.26	2.00	0.00	1.00	0.00	6.55	19.45	2.00	0.00	1.00	0.00
6.56	19.45	2.00	0.00	1.00	0.00	6.57	19.44	2.00	0.00	1.00	0.00
6.58	19.28	2.00	0.00	1.00	0.00	6.59	19.16	2.00	0.00	1.00	0.00
6.60	19.04	2.00	0.00	1.00	0.00	6.61	19.09	2.00	0.00	1.00	0.00
6.62	19.03	2.00	0.00	1.00	0.00	6.63	19.03	2.00	0.00	1.00	0.00
6.64	19.14	2.00	0.00	1.00	0.00	6.65	19.30	2.00	0.00	1.00	0.00
6.66	19.41	2.00	0.00	1.00	0.00	6.67	19.41	2.00	0.00	1.00	0.00
6.68	19.41	2.00	0.00	1.00	0.00	6.69	19.40	2.00	0.00	1.00	0.00
6.70	19.40	2.00	0.00	1.00	0.00	6.71	19.28	2.00	0.00	1.00	0.00
6.72	19.16	2.00	0.00	1.00	0.00	6.73	19.05	2.00	0.00	1.00	0.00
6.74	19.16	2.00	0.00	1.00	0.00	6.75	19.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	19.49	2.00	0.00	1.00	0.00	6.77	19.60	2.00	0.00	1.00	0.00
6.78	19.70	2.00	0.00	1.00	0.00	6.79	19.70	2.00	0.00	1.00	0.00
6.80	19.70	2.00	0.00	1.00	0.00	6.81	19.69	2.00	0.00	1.00	0.00
6.82	19.69	2.00	0.00	1.00	0.00	6.83	19.65	2.00	0.00	1.00	0.00
6.84	19.65	2.00	0.00	1.00	0.00	6.85	19.65	2.00	0.00	1.00	0.00
6.86	19.68	2.00	0.00	1.00	0.00	6.87	19.68	2.00	0.00	1.00	0.00
6.88	19.68	2.00	0.00	1.00	0.00	6.89	19.67	2.00	0.00	1.00	0.00
6.90	19.67	2.00	0.00	1.00	0.00	6.91	19.88	2.00	0.00	1.00	0.00
6.92	19.98	2.00	0.00	1.00	0.00	6.93	19.99	2.00	0.00	1.00	0.00
6.94	19.79	2.00	0.00	1.00	0.00	6.95	19.69	2.00	0.00	1.00	0.00
6.96	19.69	2.00	0.00	1.00	0.00	6.97	19.75	2.00	0.00	1.00	0.00
6.98	19.75	2.00	0.00	1.00	0.00	6.99	19.85	2.00	0.00	1.00	0.00
7.00	20.00	2.00	0.00	1.00	0.00	7.01	20.19	2.00	0.00	1.00	0.00
7.02	20.29	2.00	0.00	1.00	0.00	7.03	20.29	2.00	0.00	1.00	0.00
7.04	20.29	2.00	0.00	1.00	0.00	7.05	20.33	2.00	0.00	1.00	0.00
7.06	20.33	2.00	0.00	1.00	0.00	7.07	20.23	2.00	0.00	1.00	0.00
7.08	20.09	2.00	0.00	1.00	0.00	7.09	19.99	2.00	0.00	1.00	0.00
7.10	19.99	2.00	0.00	1.00	0.00	7.11	19.98	2.00	0.00	1.00	0.00
7.12	19.98	2.00	0.00	1.00	0.00	7.13	19.98	2.00	0.00	1.00	0.00
7.14	19.98	2.00	0.00	1.00	0.00	7.15	20.07	2.00	0.00	1.00	0.00
7.16	20.17	2.00	0.00	1.00	0.00	7.17	20.26	2.00	0.00	1.00	0.00
7.18	20.26	2.00	0.00	1.00	0.00	7.19	20.36	2.00	0.00	1.00	0.00
7.20	20.45	2.00	0.00	1.00	0.00	7.21	20.63	2.00	0.00	1.00	0.00
7.22	20.72	2.00	0.00	1.00	0.00	7.23	20.89	2.00	0.00	1.00	0.00
7.24	20.98	2.00	0.00	1.00	0.00	7.25	21.00	2.00	0.00	1.00	0.00
7.26	20.91	2.00	0.00	1.00	0.00	7.27	20.83	2.00	0.00	1.00	0.00
7.28	20.80	2.00	0.00	1.00	0.00	7.29	20.80	2.00	0.00	1.00	0.00
7.30	20.80	2.00	0.00	1.00	0.00	7.31	20.80	2.00	0.00	1.00	0.00
7.32	20.80	2.00	0.00	1.00	0.00	7.33	20.79	2.00	0.00	1.00	0.00
7.34	20.79	2.00	0.00	1.00	0.00	7.35	20.79	2.00	0.00	1.00	0.00
7.36	20.88	2.00	0.00	1.00	0.00	7.37	21.13	2.00	0.00	1.00	0.00
7.38	21.46	2.00	0.00	1.00	0.00	7.39	21.84	2.00	0.00	1.00	0.00
7.40	22.28	2.00	0.00	1.00	0.00	7.41	22.78	2.00	0.00	1.00	0.00
7.42	23.17	2.00	0.00	1.00	0.00	7.43	23.24	2.00	0.00	1.00	0.00
7.44	23.32	2.00	0.00	1.00	0.00	7.45	23.27	2.00	0.00	1.00	0.00
7.46	25.13	2.00	0.00	1.00	0.00	7.47	26.25	2.00	0.00	1.00	0.00
7.48	25.68	2.00	0.00	1.00	0.00	7.49	24.39	2.00	0.00	1.00	0.00
7.50	23.85	2.00	0.00	1.00	0.00	7.51	23.36	2.00	0.00	1.00	0.00
7.52	23.00	2.00	0.00	1.00	0.00	7.53	22.48	2.00	0.00	1.00	0.00
7.54	22.35	2.00	0.00	1.00	0.00	7.55	22.06	2.00	0.00	1.00	0.00
7.56	21.98	2.00	0.00	1.00	0.00	7.57	21.89	2.00	0.00	1.00	0.00
7.58	21.65	2.00	0.00	1.00	0.00	7.59	21.00	2.00	0.00	1.00	0.00
7.60	20.66	2.00	0.00	1.00	0.00	7.61	20.55	2.00	0.00	1.00	0.00
7.62	20.62	2.00	0.00	1.00	0.00	7.63	20.61	2.00	0.00	1.00	0.00
7.64	20.69	2.00	0.00	1.00	0.00	7.65	20.77	2.00	0.00	1.00	0.00
7.66	20.85	2.00	0.00	1.00	0.00	7.67	20.93	2.00	0.00	1.00	0.00
7.68	21.08	2.00	0.00	1.00	0.00	7.69	21.23	2.00	0.00	1.00	0.00
7.70	21.37	2.00	0.00	1.00	0.00	7.71	21.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	21.51	2.00	0.00	1.00	0.00	7.73	21.51	2.00	0.00	1.00	0.00
7.74	21.48	2.00	0.00	1.00	0.00	7.75	21.47	2.00	0.00	1.00	0.00
7.76	21.47	2.00	0.00	1.00	0.00	7.77	21.47	2.00	0.00	1.00	0.00
7.78	21.45	2.00	0.00	1.00	0.00	7.79	21.45	2.00	0.00	1.00	0.00
7.80	21.47	2.00	0.00	1.00	0.00	7.81	21.47	2.00	0.00	1.00	0.00
7.82	21.47	2.00	0.00	1.00	0.00	7.83	21.45	2.00	0.00	1.00	0.00
7.84	21.44	2.00	0.00	1.00	0.00	7.85	21.51	2.00	0.00	1.00	0.00
7.86	21.59	2.00	0.00	1.00	0.00	7.87	21.67	2.00	0.00	1.00	0.00
7.88	21.67	2.00	0.00	1.00	0.00	7.89	21.65	2.00	0.00	1.00	0.00
7.90	21.55	2.00	0.00	1.00	0.00	7.91	21.60	2.00	0.00	1.00	0.00
7.92	21.66	2.00	0.00	1.00	0.00	7.93	21.77	2.00	0.00	1.00	0.00
7.94	21.70	2.00	0.00	1.00	0.00	7.95	21.71	2.00	0.00	1.00	0.00
7.96	21.71	2.00	0.00	1.00	0.00	7.97	21.71	2.00	0.00	1.00	0.00
7.98	21.71	2.00	0.00	1.00	0.00	7.99	21.71	2.00	0.00	1.00	0.00
8.00	21.64	2.00	0.00	1.00	0.00	8.01	21.64	2.00	0.00	1.00	0.00
8.02	21.64	2.00	0.00	1.00	0.00	8.03	21.71	2.00	0.00	1.00	0.00
8.04	21.70	2.00	0.00	1.00	0.00	8.05	21.63	2.00	0.00	1.00	0.00
8.06	21.56	2.00	0.00	1.00	0.00	8.07	21.49	2.00	0.00	1.00	0.00
8.08	21.42	2.00	0.00	1.00	0.00	8.09	21.34	2.00	0.00	1.00	0.00
8.10	21.27	2.00	0.00	1.00	0.00	8.11	21.19	2.00	0.00	1.00	0.00
8.12	21.19	2.00	0.00	1.00	0.00	8.13	21.19	2.00	0.00	1.00	0.00
8.14	21.26	2.00	0.00	1.00	0.00	8.15	21.34	2.00	0.00	1.00	0.00
8.16	21.41	2.00	0.00	1.00	0.00	8.17	21.48	2.00	0.00	1.00	0.00
8.18	21.55	2.00	0.00	1.00	0.00	8.19	21.65	2.00	0.00	1.00	0.00
8.20	21.71	2.00	0.00	1.00	0.00	8.21	21.71	2.00	0.00	1.00	0.00
8.22	21.68	2.00	0.00	1.00	0.00	8.23	21.68	2.00	0.00	1.00	0.00
8.24	21.68	2.00	0.00	1.00	0.00	8.25	21.68	2.00	0.00	1.00	0.00
8.26	21.74	2.00	0.00	1.00	0.00	8.27	21.81	2.00	0.00	1.00	0.00
8.28	21.87	2.00	0.00	1.00	0.00	8.29	22.00	2.00	0.00	1.00	0.00
8.30	22.20	2.00	0.00	1.00	0.00	8.31	22.50	2.00	0.00	1.00	0.00
8.32	22.76	2.00	0.00	1.00	0.00	8.33	23.12	2.00	0.00	1.00	0.00
8.34	23.41	2.00	0.00	1.00	0.00	8.35	23.54	2.00	0.00	1.00	0.00
8.36	23.57	2.00	0.00	1.00	0.00	8.37	24.04	2.00	0.00	1.00	0.00
8.38	26.08	2.00	0.00	1.00	0.00	8.39	24.90	2.00	0.00	1.00	0.00
8.40	22.62	2.00	0.00	1.00	0.00	8.41	23.11	2.00	0.00	1.00	0.00
8.42	23.59	2.00	0.00	1.00	0.00	8.43	23.45	2.00	0.00	1.00	0.00
8.44	23.49	2.00	0.00	1.00	0.00	8.45	23.70	2.00	0.00	1.00	0.00
8.46	23.98	2.00	0.00	1.00	0.00	8.47	24.25	2.00	0.00	1.00	0.00
8.48	24.58	2.00	0.00	1.00	0.00	8.49	25.05	2.00	0.00	1.00	0.00
8.50	24.93	2.00	0.00	1.00	0.00	8.51	24.63	2.00	0.00	1.00	0.00
8.52	23.89	2.00	0.00	1.00	0.00	8.53	22.98	2.00	0.00	1.00	0.00
8.54	22.12	2.00	0.00	1.00	0.00	8.55	21.89	2.00	0.00	1.00	0.00
8.56	21.96	2.00	0.00	1.00	0.00	8.57	21.94	2.00	0.00	1.00	0.00
8.58	22.01	2.00	0.00	1.00	0.00	8.59	22.09	2.00	0.00	1.00	0.00
8.60	22.25	2.00	0.00	1.00	0.00	8.61	22.92	2.00	0.00	1.00	0.00
8.62	24.13	2.00	0.00	1.00	0.00	8.63	25.76	2.00	0.00	1.00	0.00
8.64	25.91	2.00	0.00	1.00	0.00	8.65	26.06	2.00	0.00	1.00	0.00
8.66	26.06	2.00	0.00	1.00	0.00	8.67	26.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	25.89	2.00	0.00	1.00	0.00	8.69	25.73	2.00	0.00	1.00	0.00
8.70	25.57	2.00	0.00	1.00	0.00	8.71	25.57	2.00	0.00	1.00	0.00
8.72	24.09	2.00	0.00	1.00	0.00	8.73	23.27	2.00	0.00	1.00	0.00
8.74	23.84	2.00	0.00	1.00	0.00	8.75	26.81	2.00	0.00	1.00	0.00
8.76	32.77	2.00	0.00	1.00	0.00	8.77	25.22	2.00	0.00	1.00	0.00
8.78	25.37	2.00	0.00	1.00	0.00	8.79	25.65	2.00	0.00	1.00	0.00
8.80	28.80	2.00	0.00	1.00	0.00	8.81	29.16	2.00	0.00	1.00	0.00
8.82	35.15	2.00	0.00	1.00	0.00	8.83	35.14	2.00	0.00	1.00	0.00
8.84	29.34	2.00	0.00	1.00	0.00	8.85	25.18	2.00	0.00	1.00	0.00
8.86	23.75	2.00	0.00	1.00	0.00	8.87	22.61	2.00	0.00	1.00	0.00
8.88	22.56	2.00	0.00	1.00	0.00	8.89	22.85	2.00	0.00	1.00	0.00
8.90	22.99	2.00	0.00	1.00	0.00	8.91	22.75	2.00	0.00	1.00	0.00
8.92	22.61	2.00	0.00	1.00	0.00	8.93	22.55	2.00	0.00	1.00	0.00
8.94	22.62	2.00	0.00	1.00	0.00	8.95	22.67	2.00	0.00	1.00	0.00
8.96	22.73	2.00	0.00	1.00	0.00	8.97	22.75	2.00	0.00	1.00	0.00
8.98	22.75	2.00	0.00	1.00	0.00	8.99	22.91	2.00	0.00	1.00	0.00
9.00	23.16	2.00	0.00	1.00	0.00	9.01	23.62	2.00	0.00	1.00	0.00
9.02	23.54	2.00	0.00	1.00	0.00	9.03	23.46	2.00	0.00	1.00	0.00
9.04	23.37	2.00	0.00	1.00	0.00	9.05	23.29	2.00	0.00	1.00	0.00
9.06	23.02	2.00	0.00	1.00	0.00	9.07	22.94	2.00	0.00	1.00	0.00
9.08	22.81	2.00	0.00	1.00	0.00	9.09	22.71	2.00	0.00	1.00	0.00
9.10	22.64	2.00	0.00	1.00	0.00	9.11	22.78	2.00	0.00	1.00	0.00
9.12	22.85	2.00	0.00	1.00	0.00	9.13	22.99	2.00	0.00	1.00	0.00
9.14	23.04	2.00	0.00	1.00	0.00	9.15	23.15	2.00	0.00	1.00	0.00
9.16	23.34	2.00	0.00	1.00	0.00	9.17	23.54	2.00	0.00	1.00	0.00
9.18	23.96	2.00	0.00	1.00	0.00	9.19	24.22	2.00	0.00	1.00	0.00
9.20	24.22	2.00	0.00	1.00	0.00	9.21	25.28	2.00	0.00	1.00	0.00
9.22	28.42	2.00	0.00	1.00	0.00	9.23	-1.00	2.00	0.00	1.00	0.00
9.24	38.51	2.00	0.00	1.00	0.00	9.25	25.70	2.00	0.00	1.00	0.00
9.26	23.46	2.00	0.00	1.00	0.00	9.27	23.04	2.00	0.00	1.00	0.00
9.28	23.19	2.00	0.00	1.00	0.00	9.29	23.77	2.00	0.00	1.00	0.00
9.30	24.53	2.00	0.00	1.00	0.00	9.31	25.18	2.00	0.00	1.00	0.00
9.32	25.57	2.00	0.00	1.00	0.00	9.33	25.92	2.00	0.00	1.00	0.00
9.34	26.16	2.00	0.00	1.00	0.00	9.35	26.08	2.00	0.00	1.00	0.00
9.36	25.83	2.00	0.00	1.00	0.00	9.37	25.59	2.00	0.00	1.00	0.00
9.38	25.42	2.00	0.00	1.00	0.00	9.39	25.19	2.00	0.00	1.00	0.00
9.40	25.07	2.00	0.00	1.00	0.00	9.41	25.10	2.00	0.00	1.00	0.00
9.42	24.96	2.00	0.00	1.00	0.00	9.43	24.66	2.00	0.00	1.00	0.00
9.44	24.27	2.00	0.00	1.00	0.00	9.45	24.10	2.00	0.00	1.00	0.00
9.46	24.10	2.00	0.00	1.00	0.00	9.47	24.16	2.00	0.00	1.00	0.00
9.48	24.05	2.00	0.00	1.00	0.00	9.49	23.93	2.00	0.00	1.00	0.00
9.50	23.78	2.00	0.00	1.00	0.00	9.51	23.81	2.00	0.00	1.00	0.00
9.52	24.03	2.00	0.00	1.00	0.00	9.53	24.40	2.00	0.00	1.00	0.00
9.54	24.70	2.00	0.00	1.00	0.00	9.55	24.90	2.00	0.00	1.00	0.00
9.56	25.12	2.00	0.00	1.00	0.00	9.57	25.60	2.00	0.00	1.00	0.00
9.58	26.34	2.00	0.00	1.00	0.00	9.59	26.93	2.00	0.00	1.00	0.00
9.60	27.21	2.00	0.00	1.00	0.00	9.61	27.32	2.00	0.00	1.00	0.00
9.62	27.35	2.00	0.00	1.00	0.00	9.63	27.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	27.19	2.00	0.00	1.00	0.00	9.65	27.10	2.00	0.00	1.00	0.00
9.66	27.05	2.00	0.00	1.00	0.00	9.67	26.84	2.00	0.00	1.00	0.00
9.68	26.50	2.00	0.00	1.00	0.00	9.69	26.08	2.00	0.00	1.00	0.00
9.70	25.58	2.00	0.00	1.00	0.00	9.71	25.34	2.00	0.00	1.00	0.00
9.72	25.22	2.00	0.00	1.00	0.00	9.73	25.43	2.00	0.00	1.00	0.00
9.74	25.35	2.00	0.00	1.00	0.00	9.75	25.18	2.00	0.00	1.00	0.00
9.76	25.13	2.00	0.00	1.00	0.00	9.77	25.37	2.00	0.00	1.00	0.00
9.78	25.74	2.00	0.00	1.00	0.00	9.79	25.97	2.00	0.00	1.00	0.00
9.80	26.07	2.00	0.00	1.00	0.00	9.81	26.34	2.00	0.00	1.00	0.00
9.82	27.09	2.00	0.00	1.00	0.00	9.83	27.81	2.00	0.00	1.00	0.00
9.84	28.49	2.00	0.00	1.00	0.00	9.85	29.00	2.00	0.00	1.00	0.00
9.86	29.54	2.00	0.00	1.00	0.00	9.87	29.77	2.00	0.00	1.00	0.00
9.88	29.71	2.00	0.00	1.00	0.00	9.89	29.60	2.00	0.00	1.00	0.00
9.90	27.68	2.00	0.00	1.00	0.00	9.91	25.64	2.00	0.00	1.00	0.00
9.92	24.58	2.00	0.00	1.00	0.00	9.93	24.68	2.00	0.00	1.00	0.00
9.94	25.06	2.00	0.00	1.00	0.00	9.95	26.07	2.00	0.00	1.00	0.00
9.96	24.38	2.00	0.00	1.00	0.00	9.97	25.11	2.00	0.00	1.00	0.00
9.98	27.39	2.00	0.00	1.00	0.00	9.99	29.84	2.00	0.00	1.00	0.00
10.00	31.43	2.00	0.00	1.00	0.00	10.01	32.23	2.00	0.00	1.00	0.00
10.02	33.91	2.00	0.00	1.00	0.00	10.03	36.07	2.00	0.00	1.00	0.00
10.04	38.57	2.00	0.00	1.00	0.00	10.05	41.65	2.00	0.00	1.00	0.00
10.06	45.20	2.00	0.00	1.00	0.00	10.07	49.03	2.00	0.00	1.00	0.00
10.08	53.02	2.00	0.00	1.00	0.00	10.09	56.82	2.00	0.00	1.00	0.00
10.10	60.20	2.00	0.00	1.00	0.00	10.11	62.51	2.00	0.00	1.00	0.00
10.12	64.63	2.00	0.00	1.00	0.00	10.13	67.25	2.00	0.00	1.00	0.00
10.14	71.68	2.00	0.00	1.00	0.00	10.15	76.40	2.00	0.00	1.00	0.00
10.16	81.10	2.00	0.00	1.00	0.00	10.17	84.97	2.00	0.00	1.00	0.00
10.18	88.39	2.00	0.00	1.00	0.00	10.19	91.21	2.00	0.00	1.00	0.00
10.20	93.13	2.00	0.00	1.00	0.00	10.21	94.12	2.00	0.00	1.00	0.00
10.22	94.36	2.00	0.00	1.00	0.00	10.23	93.84	2.00	0.00	1.00	0.00
10.24	93.62	2.00	0.00	1.00	0.00	10.25	93.33	2.00	0.00	1.00	0.00
10.26	93.34	2.00	0.00	1.00	0.00	10.27	93.20	2.00	0.00	1.00	0.00
10.28	93.05	2.00	0.00	1.00	0.00	10.29	93.17	2.00	0.00	1.00	0.00
10.30	93.40	2.00	0.00	1.00	0.00	10.31	93.56	2.00	0.00	1.00	0.00
10.32	92.01	2.00	0.00	1.00	0.00	10.33	89.46	2.00	0.00	1.00	0.00
10.34	86.41	2.00	0.00	1.00	0.00	10.35	84.88	2.00	0.00	1.00	0.00
10.36	83.55	2.00	0.00	1.00	0.00	10.37	82.22	2.00	0.00	1.00	0.00
10.38	81.85	2.00	0.00	1.00	0.00	10.39	82.72	2.00	0.00	1.00	0.00
10.40	84.71	2.00	0.00	1.00	0.00	10.41	88.42	2.00	0.00	1.00	0.00
10.42	92.20	2.00	0.00	1.00	0.00	10.43	95.97	2.00	0.00	1.00	0.00
10.44	99.38	2.00	0.00	1.00	0.00	10.45	103.25	2.00	0.00	1.00	0.00
10.46	107.39	2.00	0.00	1.00	0.00	10.47	110.68	2.00	0.00	1.00	0.00
10.48	111.98	2.00	0.00	1.00	0.00	10.49	112.23	2.00	0.00	1.00	0.00
10.50	112.31	2.00	0.00	1.00	0.00	10.51	114.00	2.00	0.00	1.00	0.00
10.52	115.93	2.00	0.00	1.00	0.00	10.53	118.03	2.00	0.00	1.00	0.00
10.54	119.82	2.00	0.00	1.00	0.00	10.55	122.20	2.00	0.00	1.00	0.00
10.56	124.48	2.00	0.00	1.00	0.00	10.57	126.47	2.00	0.00	1.00	0.00
10.58	128.16	2.00	0.00	1.00	0.00	10.59	128.82	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	127.91	2.00	0.00	1.00	0.00	10.61	125.31	2.00	0.00	1.00	0.00
10.62	122.10	2.00	0.00	1.00	0.00	10.63	121.01	2.00	0.00	1.00	0.00
10.64	121.30	2.00	0.00	1.00	0.00	10.65	123.20	2.00	0.00	1.00	0.00
10.66	126.39	2.00	0.00	1.00	0.00	10.67	129.63	2.00	0.00	1.00	0.00
10.68	133.23	2.00	0.00	1.00	0.00	10.69	137.40	2.00	0.00	1.00	0.00
10.70	141.85	2.00	0.00	1.00	0.00	10.71	146.03	2.00	0.00	1.00	0.00
10.72	149.00	2.00	0.00	1.00	0.00	10.73	152.11	2.00	0.00	1.00	0.00
10.74	155.30	2.00	0.00	1.00	0.00	10.75	157.02	2.00	0.00	1.00	0.00
10.76	158.90	2.00	0.00	1.00	0.00	10.77	160.51	2.00	0.00	1.00	0.00
10.78	162.53	2.00	0.00	1.00	0.00	10.79	163.48	2.00	0.00	1.00	0.00
10.80	163.12	2.00	0.00	1.00	0.00	10.81	161.81	2.00	0.00	1.00	0.00
10.82	160.30	2.00	0.00	1.00	0.00	10.83	158.58	2.00	0.00	1.00	0.00
10.84	156.59	2.00	0.00	1.00	0.00	10.85	153.49	2.00	0.00	1.00	0.00
10.86	150.07	2.00	0.00	1.00	0.00	10.87	145.98	2.00	0.00	1.00	0.00
10.88	143.59	2.00	0.00	1.00	0.00	10.89	142.22	2.00	0.00	1.00	0.00
10.90	134.89	2.00	0.00	1.00	0.00	10.91	123.69	2.00	0.00	1.00	0.00
10.92	108.76	2.00	0.00	1.00	0.00	10.93	102.01	2.00	0.00	1.00	0.00
10.94	96.33	1.09	0.56	1.00	0.01	10.95	92.19	1.02	0.95	1.00	0.01
10.96	90.76	1.00	0.97	1.00	0.01	10.97	90.70	1.00	0.97	1.00	0.01
10.98	92.29	1.02	0.95	1.00	0.01	10.99	96.57	1.09	0.56	1.00	0.01
11.00	100.27	1.16	0.40	1.00	0.00	11.01	107.03	1.30	0.28	1.00	0.00
11.02	113.17	1.44	0.00	1.00	0.00	11.03	121.36	2.00	0.00	1.00	0.00
11.04	127.08	2.00	0.00	1.00	0.00	11.05	133.83	2.00	0.00	1.00	0.00
11.06	141.28	2.00	0.00	1.00	0.00	11.07	148.54	2.00	0.00	1.00	0.00
11.08	153.65	2.00	0.00	1.00	0.00	11.09	156.53	2.00	0.00	1.00	0.00
11.10	158.25	2.00	0.00	1.00	0.00	11.11	160.46	2.00	0.00	1.00	0.00
11.12	161.96	2.00	0.00	1.00	0.00	11.13	162.65	2.00	0.00	1.00	0.00
11.14	161.47	2.00	0.00	1.00	0.00	11.15	160.12	2.00	0.00	1.00	0.00
11.16	159.02	2.00	0.00	1.00	0.00	11.17	158.62	2.00	0.00	1.00	0.00
11.18	158.05	2.00	0.00	1.00	0.00	11.19	157.72	2.00	0.00	1.00	0.00
11.20	157.45	2.00	0.00	1.00	0.00	11.21	157.16	2.00	0.00	1.00	0.00
11.22	156.42	2.00	0.00	1.00	0.00	11.23	154.04	2.00	0.00	1.00	0.00
11.24	151.36	2.00	0.00	1.00	0.00	11.25	147.78	2.00	0.00	1.00	0.00
11.26	143.77	2.00	0.00	1.00	0.00	11.27	140.04	2.00	0.00	1.00	0.00
11.28	137.16	2.00	0.00	1.00	0.00	11.29	136.08	2.00	0.00	1.00	0.00
11.30	135.18	2.00	0.00	1.00	0.00	11.31	134.63	2.00	0.00	1.00	0.00
11.32	134.51	2.00	0.00	1.00	0.00	11.33	134.57	2.00	0.00	1.00	0.00
11.34	134.26	2.00	0.00	1.00	0.00	11.35	133.75	2.00	0.00	1.00	0.00
11.36	133.41	2.00	0.00	1.00	0.00	11.37	133.23	2.00	0.00	1.00	0.00
11.38	132.61	2.00	0.00	1.00	0.00	11.39	131.55	2.00	0.00	1.00	0.00
11.40	129.90	2.00	0.00	1.00	0.00	11.41	128.12	2.00	0.00	1.00	0.00
11.42	125.66	2.00	0.00	1.00	0.00	11.43	121.75	2.00	0.00	1.00	0.00
11.44	117.58	2.00	0.00	1.00	0.00	11.45	113.82	1.48	0.00	1.00	0.00
11.46	111.72	1.43	0.00	1.00	0.00	11.47	110.20	1.40	0.00	1.00	0.00
11.48	109.28	1.38	0.00	1.00	0.00	11.49	109.65	1.39	0.00	1.00	0.00
11.50	110.78	1.42	0.00	1.00	0.00	11.51	112.12	2.00	0.00	1.00	0.00
11.52	112.88	2.00	0.00	1.00	0.00	11.53	113.49	2.00	0.00	1.00	0.00
11.54	114.87	2.00	0.00	1.00	0.00	11.55	116.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	117.96	2.00	0.00	1.00	0.00	11.57	119.03	2.00	0.00	1.00	0.00
11.58	120.19	2.00	0.00	1.00	0.00	11.59	121.64	2.00	0.00	1.00	0.00
11.60	122.62	1.73	0.00	1.00	0.00	11.61	123.12	1.75	0.00	1.00	0.00
11.62	122.99	1.75	0.00	1.00	0.00	11.63	121.14	1.69	0.00	1.00	0.00
11.64	117.43	1.59	0.00	1.00	0.00	11.65	112.41	1.46	0.00	1.00	0.00
11.66	107.35	1.35	0.27	1.00	0.00	11.67	103.11	1.26	0.28	1.00	0.00
11.68	99.04	1.18	0.41	1.00	0.00	11.69	96.05	1.12	0.57	1.00	0.01
11.70	94.45	1.10	0.57	1.00	0.01	11.71	95.36	2.00	0.00	1.00	0.00
11.72	97.08	2.00	0.00	1.00	0.00	11.73	98.57	2.00	0.00	1.00	0.00
11.74	99.43	2.00	0.00	1.00	0.00	11.75	100.75	2.00	0.00	1.00	0.00
11.76	101.96	2.00	0.00	1.00	0.00	11.77	102.80	2.00	0.00	1.00	0.00
11.78	103.10	2.00	0.00	1.00	0.00	11.79	104.31	2.00	0.00	1.00	0.00
11.80	104.76	2.00	0.00	1.00	0.00	11.81	104.43	2.00	0.00	1.00	0.00
11.82	102.79	2.00	0.00	1.00	0.00	11.83	101.27	2.00	0.00	1.00	0.00
11.84	99.42	2.00	0.00	1.00	0.00	11.85	97.01	2.00	0.00	1.00	0.00
11.86	94.55	2.00	0.00	1.00	0.00	11.87	93.04	2.00	0.00	1.00	0.00
11.88	92.45	2.00	0.00	1.00	0.00	11.89	92.48	2.00	0.00	1.00	0.00
11.90	93.80	2.00	0.00	1.00	0.00	11.91	97.18	2.00	0.00	1.00	0.00
11.92	100.61	2.00	0.00	1.00	0.00	11.93	102.74	2.00	0.00	1.00	0.00
11.94	102.97	2.00	0.00	1.00	0.00	11.95	103.62	2.00	0.00	1.00	0.00
11.96	104.99	2.00	0.00	1.00	0.00	11.97	107.91	2.00	0.00	1.00	0.00
11.98	111.06	2.00	0.00	1.00	0.00	11.99	114.14	2.00	0.00	1.00	0.00
12.00	116.09	2.00	0.00	1.00	0.00	12.01	117.67	2.00	0.00	1.00	0.00
12.02	118.79	2.00	0.00	1.00	0.00	12.03	119.71	2.00	0.00	1.00	0.00
12.04	120.80	2.00	0.00	1.00	0.00	12.05	122.23	2.00	0.00	1.00	0.00
12.06	124.38	2.00	0.00	1.00	0.00	12.07	126.90	2.00	0.00	1.00	0.00
12.08	129.41	2.00	0.00	1.00	0.00	12.09	130.67	2.00	0.00	1.00	0.00
12.10	130.64	2.00	0.00	1.00	0.00	12.11	129.76	2.00	0.00	1.00	0.00
12.12	128.78	2.00	0.00	1.00	0.00	12.13	127.70	2.00	0.00	1.00	0.00
12.14	126.56	2.00	0.00	1.00	0.00	12.15	128.05	2.00	0.00	1.00	0.00
12.16	130.09	2.00	0.00	1.00	0.00	12.17	131.77	2.00	0.00	1.00	0.00
12.18	131.03	2.00	0.00	1.00	0.00	12.19	129.32	2.00	0.00	1.00	0.00
12.20	127.23	2.00	0.00	1.00	0.00	12.21	124.91	2.00	0.00	1.00	0.00
12.22	122.55	2.00	0.00	1.00	0.00	12.23	119.72	2.00	0.00	1.00	0.00
12.24	117.53	2.00	0.00	1.00	0.00	12.25	115.79	2.00	0.00	1.00	0.00
12.26	115.36	2.00	0.00	1.00	0.00	12.27	114.83	2.00	0.00	1.00	0.00
12.28	114.52	2.00	0.00	1.00	0.00	12.29	113.24	2.00	0.00	1.00	0.00
12.30	111.91	2.00	0.00	1.00	0.00	12.31	110.39	2.00	0.00	1.00	0.00
12.32	109.51	2.00	0.00	1.00	0.00	12.33	107.90	2.00	0.00	1.00	0.00
12.34	106.50	2.00	0.00	1.00	0.00	12.35	105.33	2.00	0.00	1.00	0.00
12.36	105.29	2.00	0.00	1.00	0.00	12.37	106.08	2.00	0.00	1.00	0.00
12.38	107.63	2.00	0.00	1.00	0.00	12.39	109.33	2.00	0.00	1.00	0.00
12.40	110.76	2.00	0.00	1.00	0.00	12.41	113.00	2.00	0.00	1.00	0.00
12.42	115.76	2.00	0.00	1.00	0.00	12.43	118.97	2.00	0.00	1.00	0.00
12.44	122.44	2.00	0.00	1.00	0.00	12.45	126.05	2.00	0.00	1.00	0.00
12.46	129.67	2.00	0.00	1.00	0.00	12.47	132.34	2.00	0.00	1.00	0.00
12.48	134.21	2.00	0.00	1.00	0.00	12.49	135.49	2.00	0.00	1.00	0.00
12.50	136.84	2.00	0.00	1.00	0.00	12.51	137.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	138.74	2.00	0.00	1.00	0.00	12.53	138.75	2.00	0.00	1.00	0.00
12.54	138.65	2.00	0.00	1.00	0.00	12.55	138.26	2.00	0.00	1.00	0.00
12.56	137.55	2.00	0.00	1.00	0.00	12.57	137.16	2.00	0.00	1.00	0.00
12.58	137.12	2.00	0.00	1.00	0.00	12.59	137.39	2.00	0.00	1.00	0.00
12.60	137.69	2.00	0.00	1.00	0.00	12.61	138.07	2.00	0.00	1.00	0.00
12.62	138.49	2.00	0.00	1.00	0.00	12.63	137.94	2.00	0.00	1.00	0.00
12.64	136.69	2.00	0.00	1.00	0.00	12.65	135.07	2.00	0.00	1.00	0.00
12.66	133.40	2.00	0.00	1.00	0.00	12.67	131.89	2.00	0.00	1.00	0.00
12.68	130.37	2.00	0.00	1.00	0.00	12.69	129.25	2.00	0.00	1.00	0.00
12.70	128.21	2.00	0.00	1.00	0.00	12.71	126.99	2.00	0.00	1.00	0.00
12.72	125.46	2.00	0.00	1.00	0.00	12.73	123.81	2.00	0.00	1.00	0.00
12.74	122.27	2.00	0.00	1.00	0.00	12.75	120.74	2.00	0.00	1.00	0.00
12.76	118.77	2.00	0.00	1.00	0.00	12.77	117.51	2.00	0.00	1.00	0.00
12.78	117.35	2.00	0.00	1.00	0.00	12.79	117.59	2.00	0.00	1.00	0.00
12.80	117.49	2.00	0.00	1.00	0.00	12.81	116.75	2.00	0.00	1.00	0.00
12.82	116.44	2.00	0.00	1.00	0.00	12.83	116.37	2.00	0.00	1.00	0.00
12.84	116.50	2.00	0.00	1.00	0.00	12.85	116.67	2.00	0.00	1.00	0.00
12.86	116.55	2.00	0.00	1.00	0.00	12.87	116.28	2.00	0.00	1.00	0.00
12.88	115.94	2.00	0.00	1.00	0.00	12.89	115.70	2.00	0.00	1.00	0.00
12.90	114.29	2.00	0.00	1.00	0.00	12.91	113.07	2.00	0.00	1.00	0.00
12.92	111.77	2.00	0.00	1.00	0.00	12.93	111.79	2.00	0.00	1.00	0.00
12.94	111.91	2.00	0.00	1.00	0.00	12.95	111.97	2.00	0.00	1.00	0.00
12.96	111.89	2.00	0.00	1.00	0.00	12.97	111.85	2.00	0.00	1.00	0.00
12.98	111.92	2.00	0.00	1.00	0.00	12.99	112.04	2.00	0.00	1.00	0.00
13.00	111.17	2.00	0.00	1.00	0.00	13.01	109.65	2.00	0.00	1.00	0.00
13.02	107.53	2.00	0.00	1.00	0.00	13.03	105.44	2.00	0.00	1.00	0.00
13.04	103.15	2.00	0.00	1.00	0.00	13.05	100.53	2.00	0.00	1.00	0.00
13.06	98.03	2.00	0.00	1.00	0.00	13.07	95.28	2.00	0.00	1.00	0.00
13.08	92.08	2.00	0.00	1.00	0.00	13.09	89.05	2.00	0.00	1.00	0.00
13.10	86.34	2.00	0.00	1.00	0.00	13.11	84.16	2.00	0.00	1.00	0.00
13.12	81.34	2.00	0.00	1.00	0.00	13.13	78.50	2.00	0.00	1.00	0.00
13.14	76.15	2.00	0.00	1.00	0.00	13.15	75.00	2.00	0.00	1.00	0.00
13.16	75.78	2.00	0.00	1.00	0.00	13.17	80.80	2.00	0.00	1.00	0.00
13.18	87.03	2.00	0.00	1.00	0.00	13.19	94.29	2.00	0.00	1.00	0.00
13.20	99.51	2.00	0.00	1.00	0.00	13.21	104.64	2.00	0.00	1.00	0.00
13.22	107.34	2.00	0.00	1.00	0.00	13.23	107.94	2.00	0.00	1.00	0.00
13.24	106.80	2.00	0.00	1.00	0.00	13.25	105.62	2.00	0.00	1.00	0.00
13.26	104.96	2.00	0.00	1.00	0.00	13.27	104.71	2.00	0.00	1.00	0.00
13.28	104.89	2.00	0.00	1.00	0.00	13.29	104.57	2.00	0.00	1.00	0.00
13.30	103.51	2.00	0.00	1.00	0.00	13.31	101.39	2.00	0.00	1.00	0.00
13.32	98.10	2.00	0.00	1.00	0.00	13.33	94.65	2.00	0.00	1.00	0.00
13.34	91.56	2.00	0.00	1.00	0.00	13.35	90.60	2.00	0.00	1.00	0.00
13.36	90.38	2.00	0.00	1.00	0.00	13.37	90.72	2.00	0.00	1.00	0.00
13.38	91.40	2.00	0.00	1.00	0.00	13.39	92.50	2.00	0.00	1.00	0.00
13.40	93.74	2.00	0.00	1.00	0.00	13.41	95.30	2.00	0.00	1.00	0.00
13.42	96.86	2.00	0.00	1.00	0.00	13.43	99.17	2.00	0.00	1.00	0.00
13.44	101.49	2.00	0.00	1.00	0.00	13.45	103.32	2.00	0.00	1.00	0.00
13.46	103.94	2.00	0.00	1.00	0.00	13.47	103.82	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	103.77	2.00	0.00	1.00	0.00	13.49	104.13	2.00	0.00	1.00	0.00
13.50	104.75	2.00	0.00	1.00	0.00	13.51	106.29	2.00	0.00	1.00	0.00
13.52	108.48	2.00	0.00	1.00	0.00	13.53	110.79	2.00	0.00	1.00	0.00
13.54	112.71	2.00	0.00	1.00	0.00	13.55	113.70	2.00	0.00	1.00	0.00
13.56	113.88	2.00	0.00	1.00	0.00	13.57	113.15	2.00	0.00	1.00	0.00
13.58	111.84	2.00	0.00	1.00	0.00	13.59	110.28	2.00	0.00	1.00	0.00
13.60	108.69	2.00	0.00	1.00	0.00	13.61	107.01	2.00	0.00	1.00	0.00
13.62	105.35	2.00	0.00	1.00	0.00	13.63	104.12	2.00	0.00	1.00	0.00
13.64	103.15	2.00	0.00	1.00	0.00	13.65	101.70	2.00	0.00	1.00	0.00
13.66	98.84	2.00	0.00	1.00	0.00	13.67	95.75	2.00	0.00	1.00	0.00
13.68	93.01	2.00	0.00	1.00	0.00	13.69	91.06	2.00	0.00	1.00	0.00
13.70	88.64	2.00	0.00	1.00	0.00	13.71	86.47	1.07	0.61	1.00	0.01
13.72	84.92	1.05	1.03	1.00	0.01	13.73	86.44	1.07	0.61	1.00	0.01
13.74	89.03	1.11	0.59	1.00	0.01	13.75	91.78	1.16	0.43	1.00	0.00
13.76	91.58	2.00	0.00	1.00	0.00	13.77	90.25	2.00	0.00	1.00	0.00
13.78	87.76	2.00	0.00	1.00	0.00	13.79	84.74	2.00	0.00	1.00	0.00
13.80	82.11	1.01	1.06	1.00	0.01	13.81	81.48	1.00	1.07	1.00	0.01
13.82	83.58	1.03	1.04	1.00	0.01	13.83	86.98	1.09	0.60	1.00	0.01
13.84	90.96	1.15	0.43	1.00	0.00	13.85	93.91	1.21	0.42	1.00	0.00
13.86	96.33	1.26	0.30	1.00	0.00	13.87	98.10	1.29	0.29	1.00	0.00
13.88	98.69	1.31	0.29	1.00	0.00	13.89	98.86	1.31	0.29	1.00	0.00
13.90	97.04	1.27	0.30	1.00	0.00	13.91	95.32	1.24	0.42	1.00	0.00
13.92	93.55	1.21	0.42	1.00	0.00	13.93	93.33	1.20	0.42	1.00	0.00
13.94	83.89	1.04	1.04	1.00	0.01	13.95	83.84	1.04	1.04	1.00	0.01
13.96	83.72	1.04	1.04	1.00	0.01	13.97	83.76	1.04	1.04	1.00	0.01
13.98	84.02	1.05	1.04	1.00	0.01	13.99	84.64	1.06	0.61	1.00	0.01
14.00	85.39	1.07	0.61	1.00	0.01	14.01	86.24	1.08	0.61	1.00	0.01
14.02	87.34	1.10	0.60	1.00	0.01	14.03	88.54	1.12	0.60	1.00	0.01
14.04	89.71	1.14	0.59	1.00	0.01	14.05	90.83	1.16	0.43	1.00	0.00
14.06	91.96	1.19	0.43	1.00	0.00	14.07	93.12	1.21	0.42	1.00	0.00
14.08	94.30	1.23	0.42	1.00	0.00	14.09	95.55	1.26	0.30	1.00	0.00
14.10	97.33	1.29	0.29	1.00	0.00	14.11	98.90	1.33	0.29	1.00	0.00
14.12	100.78	1.37	0.00	1.00	0.00	14.13	102.06	1.40	0.00	1.00	0.00
14.14	103.21	1.42	0.00	1.00	0.00	14.15	103.85	1.44	0.00	1.00	0.00
14.16	104.15	1.45	0.00	1.00	0.00	14.17	104.14	1.45	0.00	1.00	0.00
14.18	103.41	1.43	0.00	1.00	0.00	14.19	102.61	1.41	0.00	1.00	0.00
14.20	101.60	1.39	0.00	1.00	0.00	14.21	100.90	1.38	0.00	1.00	0.00
14.22	100.10	1.36	0.00	1.00	0.00	14.23	99.53	1.35	0.29	1.00	0.00
14.24	99.71	1.35	0.00	1.00	0.00	14.25	100.76	1.38	0.00	1.00	0.00
14.26	102.13	1.41	0.00	1.00	0.00	14.27	103.23	1.43	0.00	1.00	0.00
14.28	103.50	1.44	0.00	1.00	0.00	14.29	109.38	1.59	0.00	1.00	0.00
14.30	109.30	1.59	0.00	1.00	0.00	14.31	107.81	1.55	0.00	1.00	0.00
14.32	105.68	1.50	0.00	1.00	0.00	14.33	102.91	1.43	0.00	1.00	0.00
14.34	99.16	1.35	0.29	1.00	0.00	14.35	94.80	1.26	0.30	1.00	0.00
14.36	89.63	1.16	0.44	1.00	0.00	14.37	82.77	1.05	1.05	1.00	0.01
14.38	75.25	0.95	2.39	1.00	0.02	14.39	67.92	0.86	2.78	1.00	0.03
14.40	62.91	0.82	3.42	1.00	0.03	14.41	61.04	0.80	3.50	1.00	0.04
14.42	62.66	0.82	3.43	1.00	0.03	14.43	67.96	0.87	2.78	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	74.08	2.00	0.00	1.00	0.00	14.45	83.14	2.00	0.00	1.00	0.00
14.46	89.44	2.00	0.00	1.00	0.00	14.47	94.52	2.00	0.00	1.00	0.00
14.48	97.09	2.00	0.00	1.00	0.00	14.49	98.89	2.00	0.00	1.00	0.00
14.50	99.17	2.00	0.00	1.00	0.00	14.51	97.11	2.00	0.00	1.00	0.00
14.52	94.17	2.00	0.00	1.00	0.00	14.53	91.31	2.00	0.00	1.00	0.00
14.54	88.91	2.00	0.00	1.00	0.00	14.55	86.83	2.00	0.00	1.00	0.00
14.56	84.70	2.00	0.00	1.00	0.00	14.57	82.16	2.00	0.00	1.00	0.00
14.58	77.91	2.00	0.00	1.00	0.00	14.59	72.55	2.00	0.00	1.00	0.00
14.60	67.78	2.00	0.00	1.00	0.00	14.61	64.62	2.00	0.00	1.00	0.00
14.62	62.94	2.00	0.00	1.00	0.00	14.63	62.46	2.00	0.00	1.00	0.00
14.64	63.71	2.00	0.00	1.00	0.00	14.65	65.31	2.00	0.00	1.00	0.00
14.66	67.09	2.00	0.00	1.00	0.00	14.67	68.82	2.00	0.00	1.00	0.00
14.68	70.41	2.00	0.00	1.00	0.00	14.69	71.94	2.00	0.00	1.00	0.00
14.70	73.56	2.00	0.00	1.00	0.00	14.71	75.08	2.00	0.00	1.00	0.00
14.72	76.40	2.00	0.00	1.00	0.00	14.73	77.19	2.00	0.00	1.00	0.00
14.74	77.74	2.00	0.00	1.00	0.00	14.75	78.07	2.00	0.00	1.00	0.00
14.76	77.85	2.00	0.00	1.00	0.00	14.77	77.32	2.00	0.00	1.00	0.00
14.78	76.49	2.00	0.00	1.00	0.00	14.79	75.25	2.00	0.00	1.00	0.00
14.80	73.67	2.00	0.00	1.00	0.00	14.81	72.10	2.00	0.00	1.00	0.00
14.82	70.90	2.00	0.00	1.00	0.00	14.83	69.99	2.00	0.00	1.00	0.00
14.84	68.83	2.00	0.00	1.00	0.00	14.85	67.82	2.00	0.00	1.00	0.00
14.86	66.97	2.00	0.00	1.00	0.00	14.87	66.70	2.00	0.00	1.00	0.00
14.88	66.63	2.00	0.00	1.00	0.00	14.89	66.70	2.00	0.00	1.00	0.00
14.90	66.41	2.00	0.00	1.00	0.00	14.91	67.00	2.00	0.00	1.00	0.00
14.92	67.80	2.00	0.00	1.00	0.00	14.93	69.21	2.00	0.00	1.00	0.00
14.94	70.48	2.00	0.00	1.00	0.00	14.95	72.11	2.00	0.00	1.00	0.00
14.96	73.94	2.00	0.00	1.00	0.00	14.97	75.81	2.00	0.00	1.00	0.00
14.98	77.31	2.00	0.00	1.00	0.00	14.99	78.58	2.00	0.00	1.00	0.00
15.00	79.39	2.00	0.00	1.00	0.00	15.01	80.15	2.00	0.00	1.00	0.00
15.02	80.59	2.00	0.00	1.00	0.00	15.03	80.92	2.00	0.00	1.00	0.00
15.04	81.28	2.00	0.00	1.00	0.00	15.05	81.90	2.00	0.00	1.00	0.00
15.06	82.53	2.00	0.00	1.00	0.00	15.07	83.57	2.00	0.00	1.00	0.00
15.08	84.46	2.00	0.00	1.00	0.00	15.09	84.92	2.00	0.00	1.00	0.00
15.10	84.52	2.00	0.00	1.00	0.00	15.11	83.79	2.00	0.00	1.00	0.00
15.12	83.02	2.00	0.00	1.00	0.00	15.13	82.47	2.00	0.00	1.00	0.00
15.14	82.11	2.00	0.00	1.00	0.00	15.15	82.73	2.00	0.00	1.00	0.00
15.16	83.45	2.00	0.00	1.00	0.00	15.17	84.14	2.00	0.00	1.00	0.00
15.18	83.92	2.00	0.00	1.00	0.00	15.19	83.45	2.00	0.00	1.00	0.00
15.20	82.85	2.00	0.00	1.00	0.00	15.21	82.46	2.00	0.00	1.00	0.00
15.22	82.31	2.00	0.00	1.00	0.00	15.23	82.26	2.00	0.00	1.00	0.00
15.24	82.07	2.00	0.00	1.00	0.00	15.25	81.59	2.00	0.00	1.00	0.00
15.26	81.03	2.00	0.00	1.00	0.00	15.27	80.33	2.00	0.00	1.00	0.00
15.28	79.21	2.00	0.00	1.00	0.00	15.29	77.76	2.00	0.00	1.00	0.00
15.30	76.78	2.00	0.00	1.00	0.00	15.31	77.82	2.00	0.00	1.00	0.00
15.32	79.34	2.00	0.00	1.00	0.00	15.33	80.48	2.00	0.00	1.00	0.00
15.34	79.54	2.00	0.00	1.00	0.00	15.35	78.33	2.00	0.00	1.00	0.00
15.36	77.06	2.00	0.00	1.00	0.00	15.37	76.93	2.00	0.00	1.00	0.00
15.38	77.41	2.00	0.00	1.00	0.00	15.39	78.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	80.27	2.00	0.00	1.00	0.00	15.41	81.63	2.00	0.00	1.00	0.00
15.42	82.23	2.00	0.00	1.00	0.00	15.43	80.64	2.00	0.00	1.00	0.00
15.44	79.09	2.00	0.00	1.00	0.00	15.45	77.73	2.00	0.00	1.00	0.00
15.46	78.97	2.00	0.00	1.00	0.00	15.47	80.60	2.00	0.00	1.00	0.00
15.48	81.69	2.00	0.00	1.00	0.00	15.49	80.78	2.00	0.00	1.00	0.00
15.50	79.47	2.00	0.00	1.00	0.00	15.51	78.81	2.00	0.00	1.00	0.00
15.52	78.87	2.00	0.00	1.00	0.00	15.53	80.56	2.00	0.00	1.00	0.00
15.54	82.95	2.00	0.00	1.00	0.00	15.55	85.82	2.00	0.00	1.00	0.00
15.56	88.01	2.00	0.00	1.00	0.00	15.57	88.99	2.00	0.00	1.00	0.00
15.58	89.29	2.00	0.00	1.00	0.00	15.59	88.73	2.00	0.00	1.00	0.00
15.60	88.89	2.00	0.00	1.00	0.00	15.61	89.38	2.00	0.00	1.00	0.00
15.62	89.54	2.00	0.00	1.00	0.00	15.63	89.37	2.00	0.00	1.00	0.00
15.64	88.66	2.00	0.00	1.00	0.00	15.65	87.97	2.00	0.00	1.00	0.00
15.66	87.24	2.00	0.00	1.00	0.00	15.67	87.35	2.00	0.00	1.00	0.00
15.68	88.55	2.00	0.00	1.00	0.00	15.69	90.13	2.00	0.00	1.00	0.00
15.70	91.06	2.00	0.00	1.00	0.00	15.71	91.78	2.00	0.00	1.00	0.00
15.72	92.63	2.00	0.00	1.00	0.00	15.73	94.43	2.00	0.00	1.00	0.00
15.74	95.91	2.00	0.00	1.00	0.00	15.75	97.07	2.00	0.00	1.00	0.00
15.76	97.00	2.00	0.00	1.00	0.00	15.77	95.33	2.00	0.00	1.00	0.00
15.78	92.95	2.00	0.00	1.00	0.00	15.79	90.81	2.00	0.00	1.00	0.00
15.80	89.69	2.00	0.00	1.00	0.00	15.81	87.66	2.00	0.00	1.00	0.00
15.82	84.44	2.00	0.00	1.00	0.00	15.83	79.92	2.00	0.00	1.00	0.00
15.84	76.50	2.00	0.00	1.00	0.00	15.85	74.15	2.00	0.00	1.00	0.00
15.86	73.10	2.00	0.00	1.00	0.00	15.87	72.26	2.00	0.00	1.00	0.00
15.88	71.73	2.00	0.00	1.00	0.00	15.89	71.55	2.00	0.00	1.00	0.00
15.90	69.60	2.00	0.00	1.00	0.00	15.91	68.13	2.00	0.00	1.00	0.00
15.92	68.94	2.00	0.00	1.00	0.00	15.93	73.31	2.00	0.00	1.00	0.00
15.94	79.31	2.00	0.00	1.00	0.00	15.95	85.98	2.00	0.00	1.00	0.00
15.96	90.16	2.00	0.00	1.00	0.00	15.97	91.37	2.00	0.00	1.00	0.00
15.98	87.88	2.00	0.00	1.00	0.00	15.99	84.86	2.00	0.00	1.00	0.00
16.00	82.94	2.00	0.00	1.00	0.00	16.01	82.95	2.00	0.00	1.00	0.00
16.02	85.06	2.00	0.00	1.00	0.00	16.03	88.03	2.00	0.00	1.00	0.00
16.04	91.35	2.00	0.00	1.00	0.00	16.05	93.07	2.00	0.00	1.00	0.00
16.06	92.61	2.00	0.00	1.00	0.00	16.07	91.12	2.00	0.00	1.00	0.00
16.08	89.77	2.00	0.00	1.00	0.00	16.09	89.53	2.00	0.00	1.00	0.00
16.10	89.33	2.00	0.00	1.00	0.00	16.11	88.70	2.00	0.00	1.00	0.00
16.12	88.44	2.00	0.00	1.00	0.00	16.13	88.79	2.00	0.00	1.00	0.00
16.14	90.01	2.00	0.00	1.00	0.00	16.15	91.43	2.00	0.00	1.00	0.00
16.16	92.88	2.00	0.00	1.00	0.00	16.17	93.50	2.00	0.00	1.00	0.00
16.18	92.75	2.00	0.00	1.00	0.00	16.19	91.02	2.00	0.00	1.00	0.00
16.20	89.29	2.00	0.00	1.00	0.00	16.21	88.30	2.00	0.00	1.00	0.00
16.22	87.95	2.00	0.00	1.00	0.00	16.23	87.81	2.00	0.00	1.00	0.00
16.24	86.58	2.00	0.00	1.00	0.00	16.25	84.62	2.00	0.00	1.00	0.00
16.26	82.80	2.00	0.00	1.00	0.00	16.27	81.47	2.00	0.00	1.00	0.00
16.28	79.81	2.00	0.00	1.00	0.00	16.29	76.60	2.00	0.00	1.00	0.00
16.30	73.25	2.00	0.00	1.00	0.00	16.31	70.43	2.00	0.00	1.00	0.00
16.32	68.37	2.00	0.00	1.00	0.00	16.33	66.55	2.00	0.00	1.00	0.00
16.34	64.56	2.00	0.00	1.00	0.00	16.35	62.92	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.89	2.00	0.00	1.00	0.00	16.37	58.99	2.00	0.00	1.00	0.00
16.38	56.99	2.00	0.00	1.00	0.00	16.39	55.80	2.00	0.00	1.00	0.00
16.40	54.99	2.00	0.00	1.00	0.00	16.41	55.11	2.00	0.00	1.00	0.00
16.42	55.50	2.00	0.00	1.00	0.00	16.43	56.22	2.00	0.00	1.00	0.00
16.44	57.17	2.00	0.00	1.00	0.00	16.45	58.65	2.00	0.00	1.00	0.00
16.46	60.11	2.00	0.00	1.00	0.00	16.47	61.25	2.00	0.00	1.00	0.00
16.48	62.58	2.00	0.00	1.00	0.00	16.49	63.95	2.00	0.00	1.00	0.00
16.50	65.52	2.00	0.00	1.00	0.00	16.51	67.02	2.00	0.00	1.00	0.00
16.52	68.41	2.00	0.00	1.00	0.00	16.53	69.79	2.00	0.00	1.00	0.00
16.54	70.96	2.00	0.00	1.00	0.00	16.55	72.15	2.00	0.00	1.00	0.00
16.56	73.20	2.00	0.00	1.00	0.00	16.57	73.92	2.00	0.00	1.00	0.00
16.58	74.40	2.00	0.00	1.00	0.00	16.59	74.92	2.00	0.00	1.00	0.00
16.60	76.02	2.00	0.00	1.00	0.00	16.61	77.27	2.00	0.00	1.00	0.00
16.62	78.67	2.00	0.00	1.00	0.00	16.63	79.90	2.00	0.00	1.00	0.00
16.64	80.88	2.00	0.00	1.00	0.00	16.65	81.48	2.00	0.00	1.00	0.00
16.66	82.03	2.00	0.00	1.00	0.00	16.67	83.04	2.00	0.00	1.00	0.00
16.68	84.32	2.00	0.00	1.00	0.00	16.69	85.66	2.00	0.00	1.00	0.00
16.70	86.85	2.00	0.00	1.00	0.00	16.71	88.12	2.00	0.00	1.00	0.00
16.72	89.20	2.00	0.00	1.00	0.00	16.73	90.12	2.00	0.00	1.00	0.00
16.74	90.51	2.00	0.00	1.00	0.00	16.75	90.81	2.00	0.00	1.00	0.00
16.76	91.00	2.00	0.00	1.00	0.00	16.77	91.32	2.00	0.00	1.00	0.00
16.78	92.01	2.00	0.00	1.00	0.00	16.79	92.90	2.00	0.00	1.00	0.00
16.80	93.59	2.00	0.00	1.00	0.00	16.81	93.70	2.00	0.00	1.00	0.00
16.82	93.15	2.00	0.00	1.00	0.00	16.83	92.05	2.00	0.00	1.00	0.00
16.84	90.75	2.00	0.00	1.00	0.00	16.85	89.82	2.00	0.00	1.00	0.00
16.86	90.86	2.00	0.00	1.00	0.00	16.87	91.84	2.00	0.00	1.00	0.00
16.88	92.85	2.00	0.00	1.00	0.00	16.89	96.86	2.00	0.00	1.00	0.00
16.90	102.01	2.00	0.00	1.00	0.00	16.91	107.89	2.00	0.00	1.00	0.00
16.92	111.91	2.00	0.00	1.00	0.00	16.93	115.01	2.00	0.00	1.00	0.00
16.94	117.41	2.00	0.00	1.00	0.00	16.95	120.15	2.00	0.00	1.00	0.00
16.96	122.94	2.00	0.00	1.00	0.00	16.97	125.74	2.00	0.00	1.00	0.00
16.98	126.89	2.00	0.00	1.00	0.00	16.99	127.05	2.00	0.00	1.00	0.00
17.00	126.43	2.00	0.00	1.00	0.00	17.01	124.78	2.00	0.00	1.00	0.00
17.02	122.69	2.00	0.00	1.00	0.00	17.03	120.07	2.00	0.00	1.00	0.00
17.04	116.70	2.00	0.00	1.00	0.00	17.05	113.33	2.00	0.00	1.00	0.00
17.06	109.94	2.00	0.00	1.00	0.00	17.07	107.08	2.00	0.00	1.00	0.00
17.08	103.67	2.00	0.00	1.00	0.00	17.09	100.43	2.00	0.00	1.00	0.00
17.10	98.39	2.00	0.00	1.00	0.00	17.11	97.10	2.00	0.00	1.00	0.00
17.12	96.30	2.00	0.00	1.00	0.00	17.13	95.97	2.00	0.00	1.00	0.00
17.14	97.04	2.00	0.00	1.00	0.00	17.15	98.52	2.00	0.00	1.00	0.00
17.16	100.06	2.00	0.00	1.00	0.00	17.17	100.96	2.00	0.00	1.00	0.00
17.18	101.48	2.00	0.00	1.00	0.00	17.19	101.84	2.00	0.00	1.00	0.00
17.20	101.88	2.00	0.00	1.00	0.00	17.21	101.91	2.00	0.00	1.00	0.00
17.22	101.79	2.00	0.00	1.00	0.00	17.23	102.10	2.00	0.00	1.00	0.00
17.24	102.83	2.00	0.00	1.00	0.00	17.25	104.45	2.00	0.00	1.00	0.00
17.26	106.24	2.00	0.00	1.00	0.00	17.27	108.51	2.00	0.00	1.00	0.00
17.28	110.10	2.00	0.00	1.00	0.00	17.29	111.84	2.00	0.00	1.00	0.00
17.30	112.92	2.00	0.00	1.00	0.00	17.31	114.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	114.83	2.00	0.00	1.00	0.00	17.33	115.70	2.00	0.00	1.00	0.00
17.34	116.97	2.00	0.00	1.00	0.00	17.35	118.09	2.00	0.00	1.00	0.00
17.36	118.33	2.00	0.00	1.00	0.00	17.37	117.65	2.00	0.00	1.00	0.00
17.38	116.69	2.00	0.00	1.00	0.00	17.39	116.29	2.00	0.00	1.00	0.00
17.40	116.12	2.00	0.00	1.00	0.00	17.41	116.11	2.00	0.00	1.00	0.00
17.42	116.16	2.00	0.00	1.00	0.00	17.43	116.36	2.00	0.00	1.00	0.00
17.44	116.50	2.00	0.00	1.00	0.00	17.45	116.76	2.00	0.00	1.00	0.00
17.46	117.08	2.00	0.00	1.00	0.00	17.47	117.47	2.00	0.00	1.00	0.00
17.48	117.54	2.00	0.00	1.00	0.00	17.49	117.60	2.00	0.00	1.00	0.00
17.50	117.65	2.00	0.00	1.00	0.00	17.51	117.62	2.00	0.00	1.00	0.00
17.52	116.95	2.00	0.00	1.00	0.00	17.53	116.06	2.00	0.00	1.00	0.00
17.54	115.36	2.00	0.00	1.00	0.00	17.55	115.13	2.00	0.00	1.00	0.00
17.56	115.03	2.00	0.00	1.00	0.00	17.57	115.06	2.00	0.00	1.00	0.00
17.58	115.16	2.00	0.00	1.00	0.00	17.59	115.23	2.00	0.00	1.00	0.00
17.60	115.06	2.00	0.00	1.00	0.00	17.61	114.65	2.00	0.00	1.00	0.00
17.62	113.43	2.00	0.00	1.00	0.00	17.63	111.81	2.00	0.00	1.00	0.00
17.64	110.26	2.00	0.00	1.00	0.00	17.65	109.11	2.00	0.00	1.00	0.00
17.66	108.25	2.00	0.00	1.00	0.00	17.67	107.03	2.00	0.00	1.00	0.00
17.68	106.15	2.00	0.00	1.00	0.00	17.69	104.93	2.00	0.00	1.00	0.00
17.70	103.21	2.00	0.00	1.00	0.00	17.71	101.39	2.00	0.00	1.00	0.00
17.72	100.05	2.00	0.00	1.00	0.00	17.73	99.55	2.00	0.00	1.00	0.00
17.74	99.29	2.00	0.00	1.00	0.00	17.75	99.15	2.00	0.00	1.00	0.00
17.76	99.19	2.00	0.00	1.00	0.00	17.77	99.15	2.00	0.00	1.00	0.00
17.78	98.66	2.00	0.00	1.00	0.00	17.79	97.90	2.00	0.00	1.00	0.00
17.80	97.13	2.00	0.00	1.00	0.00	17.81	96.73	2.00	0.00	1.00	0.00
17.82	96.63	2.00	0.00	1.00	0.00	17.83	96.70	2.00	0.00	1.00	0.00
17.84	96.93	2.00	0.00	1.00	0.00	17.85	97.05	2.00	0.00	1.00	0.00
17.86	97.04	2.00	0.00	1.00	0.00	17.87	96.89	2.00	0.00	1.00	0.00
17.88	95.94	2.00	0.00	1.00	0.00	17.89	95.36	2.00	0.00	1.00	0.00
17.90	95.04	2.00	0.00	1.00	0.00	17.91	95.64	2.00	0.00	1.00	0.00
17.92	95.85	2.00	0.00	1.00	0.00	17.93	95.77	2.00	0.00	1.00	0.00
17.94	95.50	2.00	0.00	1.00	0.00	17.95	95.00	2.00	0.00	1.00	0.00
17.96	94.14	2.00	0.00	1.00	0.00	17.97	93.34	2.00	0.00	1.00	0.00
17.98	92.48	2.00	0.00	1.00	0.00	17.99	91.88	2.00	0.00	1.00	0.00
18.00	91.06	2.00	0.00	1.00	0.00	18.01	89.63	2.00	0.00	1.00	0.00
18.02	87.15	2.00	0.00	1.00	0.00	18.03	84.53	2.00	0.00	1.00	0.00
18.04	82.45	2.00	0.00	1.00	0.00	18.05	81.41	2.00	0.00	1.00	0.00
18.06	79.99	2.00	0.00	1.00	0.00	18.07	78.41	2.00	0.00	1.00	0.00
18.08	77.13	2.00	0.00	1.00	0.00	18.09	76.83	2.00	0.00	1.00	0.00
18.10	77.14	2.00	0.00	1.00	0.00	18.11	77.65	2.00	0.00	1.00	0.00
18.12	78.09	2.00	0.00	1.00	0.00	18.13	78.52	2.00	0.00	1.00	0.00
18.14	79.20	2.00	0.00	1.00	0.00	18.15	80.52	2.00	0.00	1.00	0.00
18.16	82.06	2.00	0.00	1.00	0.00	18.17	83.49	2.00	0.00	1.00	0.00
18.18	84.45	2.00	0.00	1.00	0.00	18.19	84.90	2.00	0.00	1.00	0.00
18.20	84.91	2.00	0.00	1.00	0.00	18.21	84.70	2.00	0.00	1.00	0.00
18.22	84.25	2.00	0.00	1.00	0.00	18.23	83.76	2.00	0.00	1.00	0.00
18.24	82.90	2.00	0.00	1.00	0.00	18.25	81.76	2.00	0.00	1.00	0.00
18.26	80.40	2.00	0.00	1.00	0.00	18.27	79.35	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	79.37	2.00	0.00	1.00	0.00	18.29	79.74	2.00	0.00	1.00	0.00
18.30	79.97	2.00	0.00	1.00	0.00	18.31	79.82	2.00	0.00	1.00	0.00
18.32	79.70	2.00	0.00	1.00	0.00	18.33	79.77	2.00	0.00	1.00	0.00
18.34	80.19	2.00	0.00	1.00	0.00	18.35	80.59	2.00	0.00	1.00	0.00
18.36	80.75	2.00	0.00	1.00	0.00	18.37	80.31	2.00	0.00	1.00	0.00
18.38	78.33	2.00	0.00	1.00	0.00	18.39	76.42	2.00	0.00	1.00	0.00
<b>Total estimated settlement: 0.50</b>											

**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**

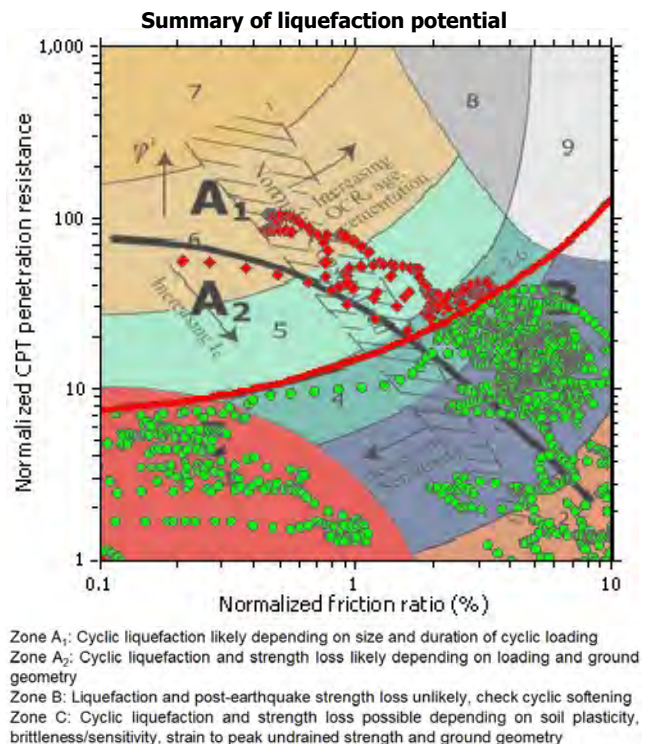
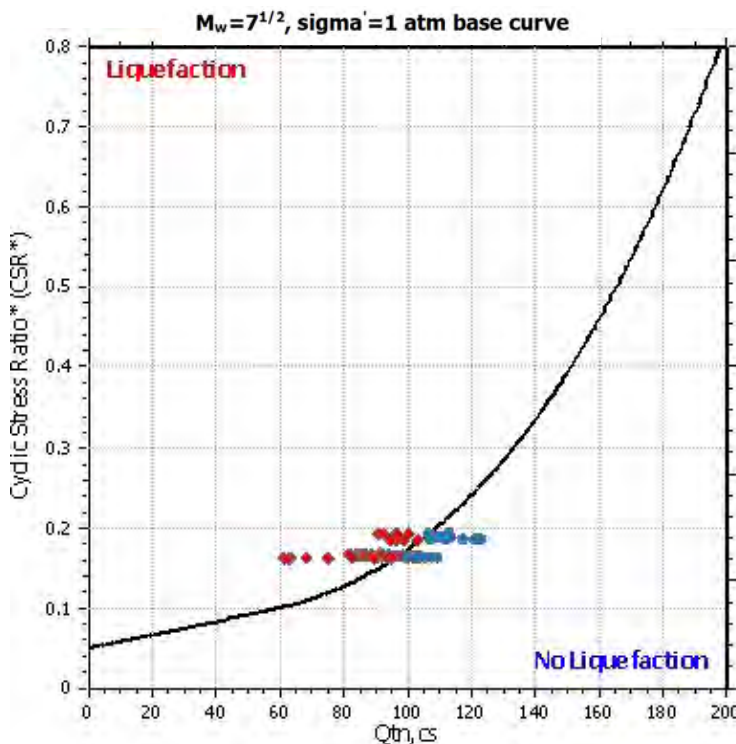
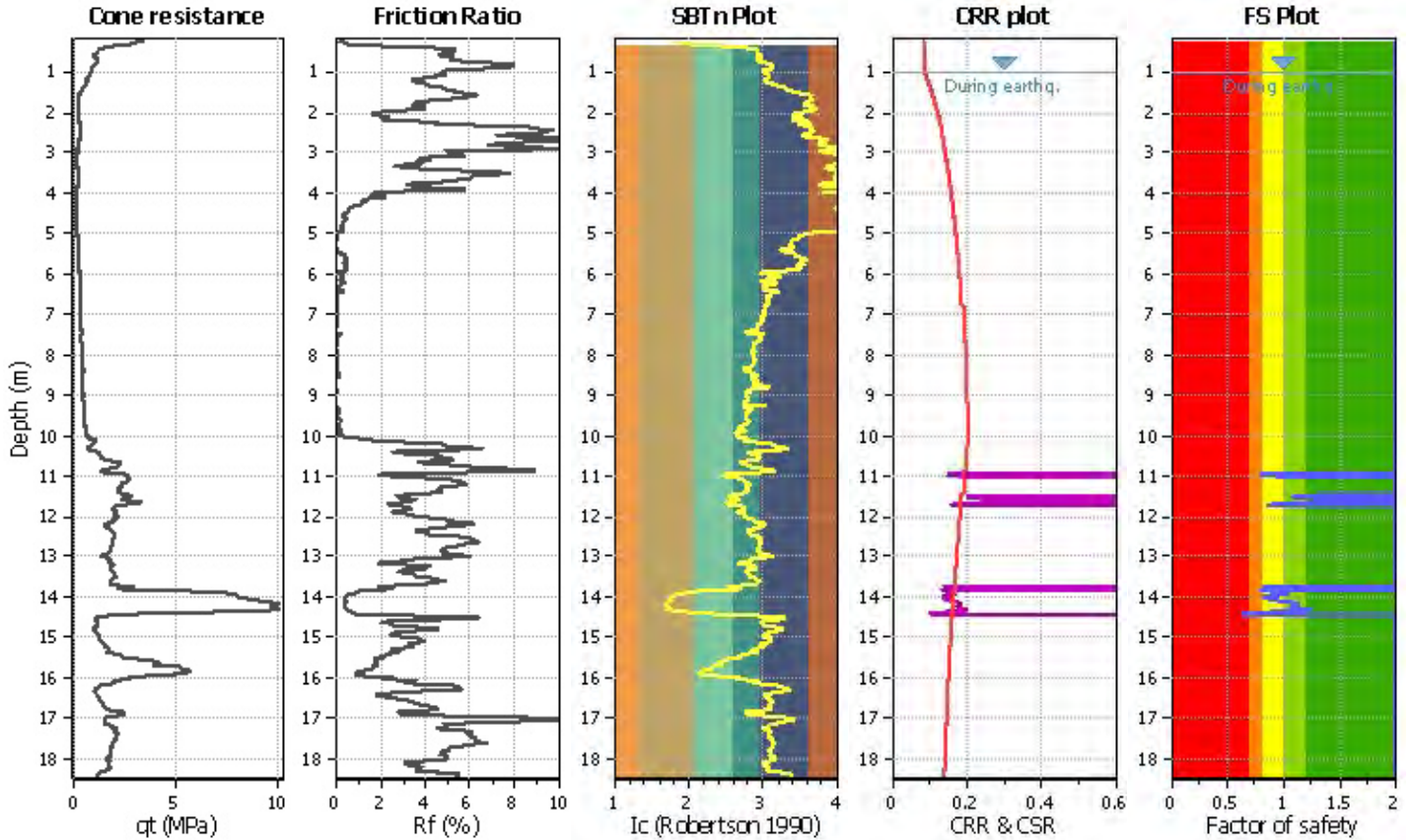
**Project title :**

**Location :**

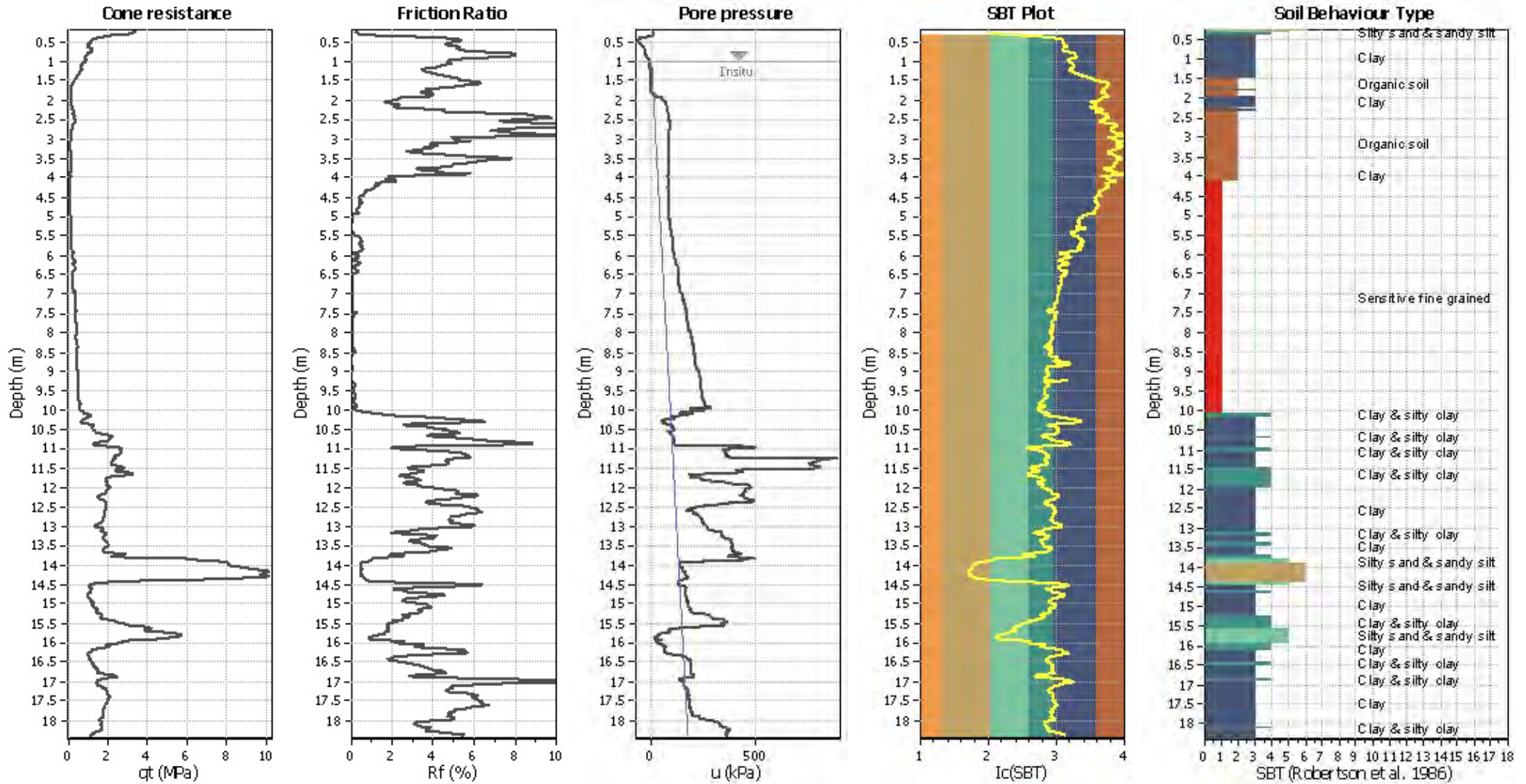
**CPT file : CPTU2 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.50	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



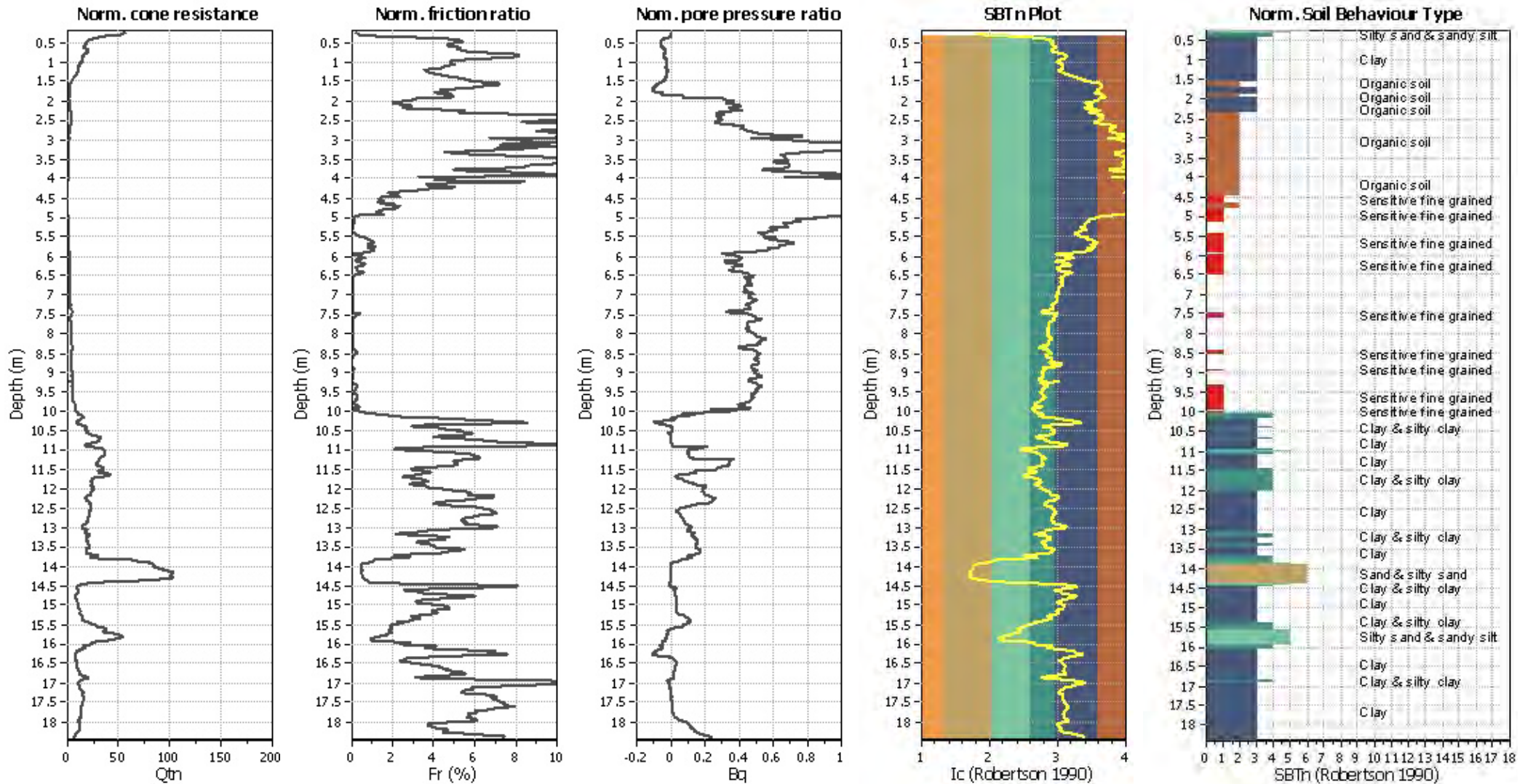
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



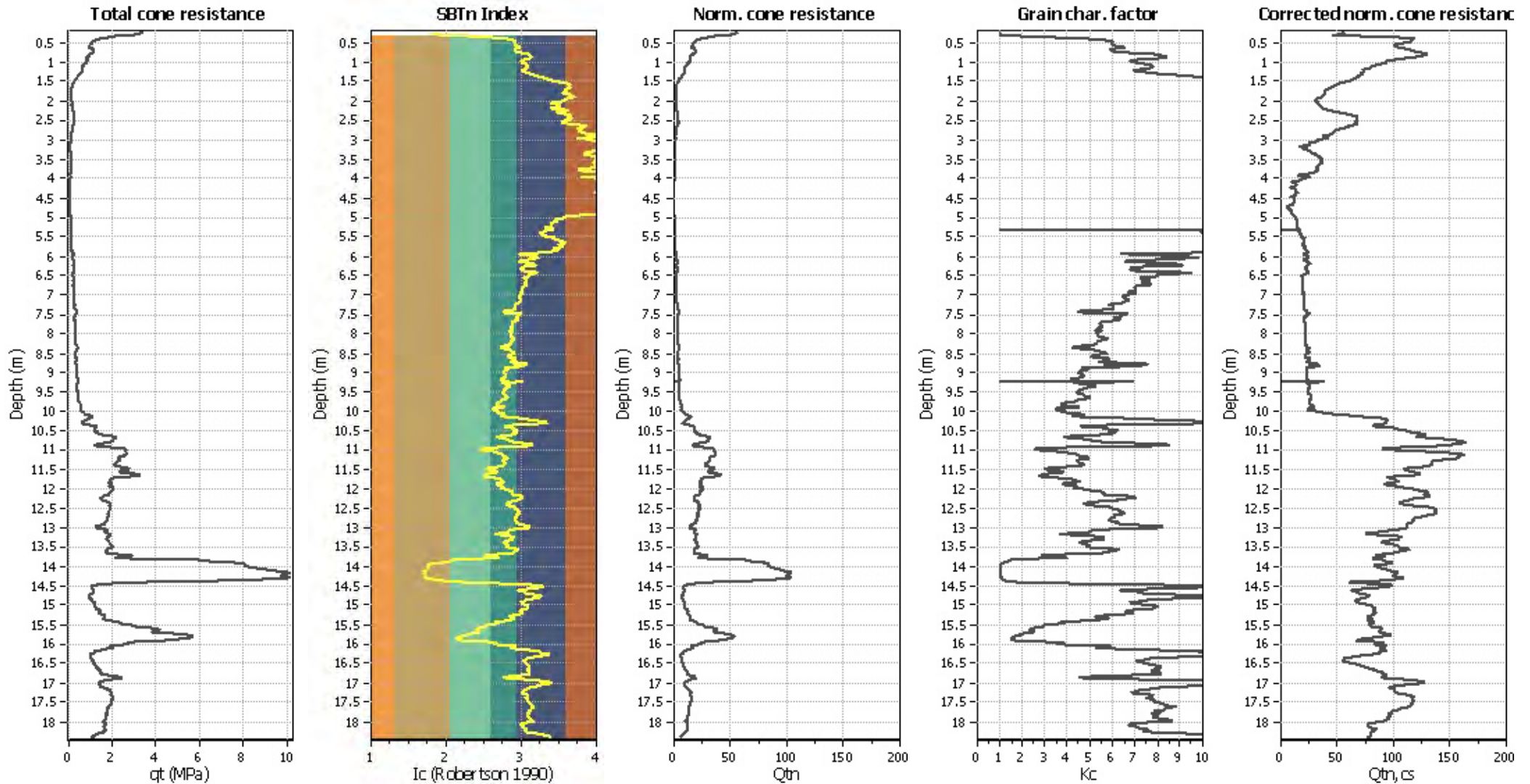
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

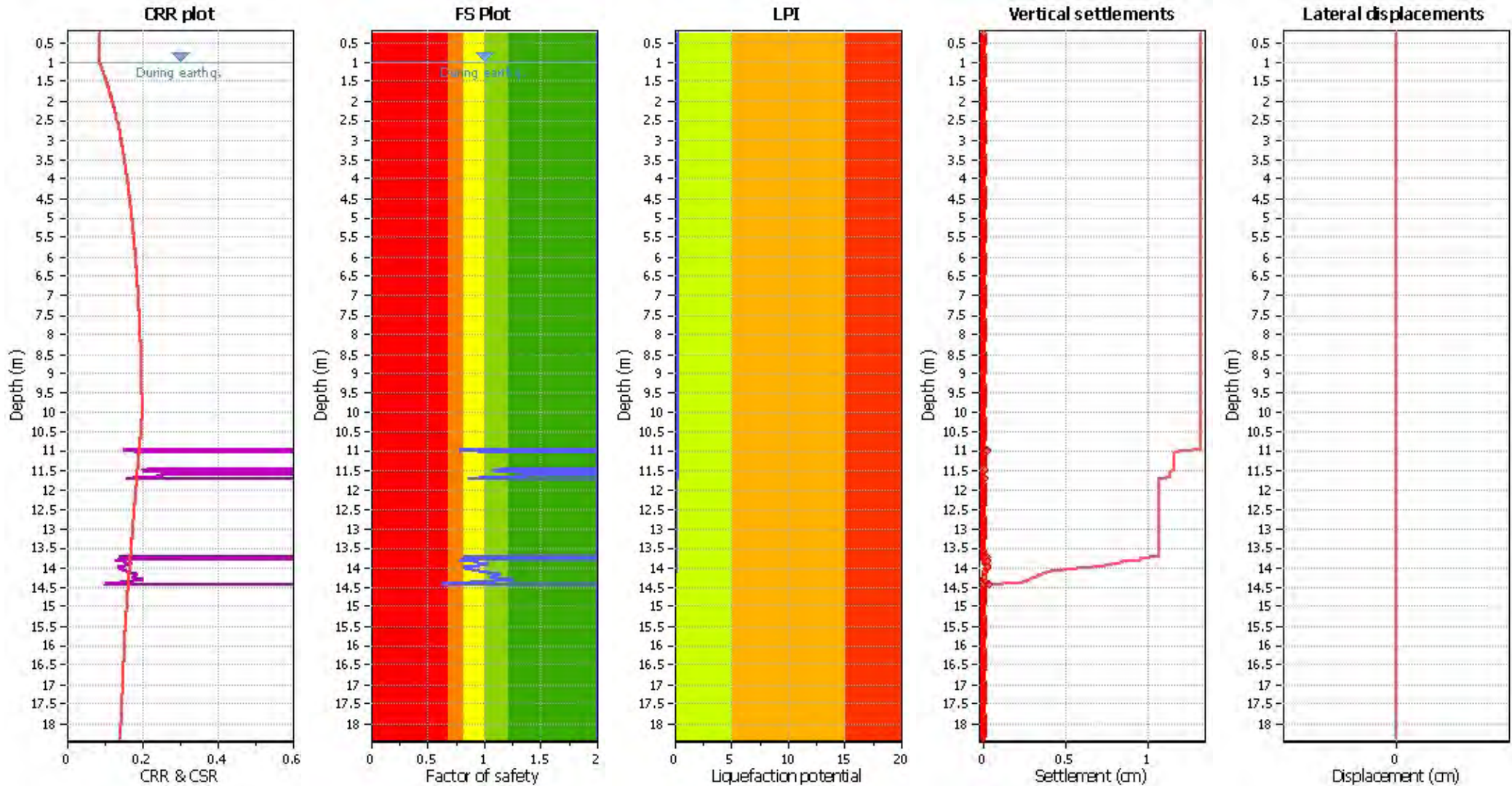
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_c$ applied:	Yes
Earthquake magnitude $M_w$ :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>σ</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

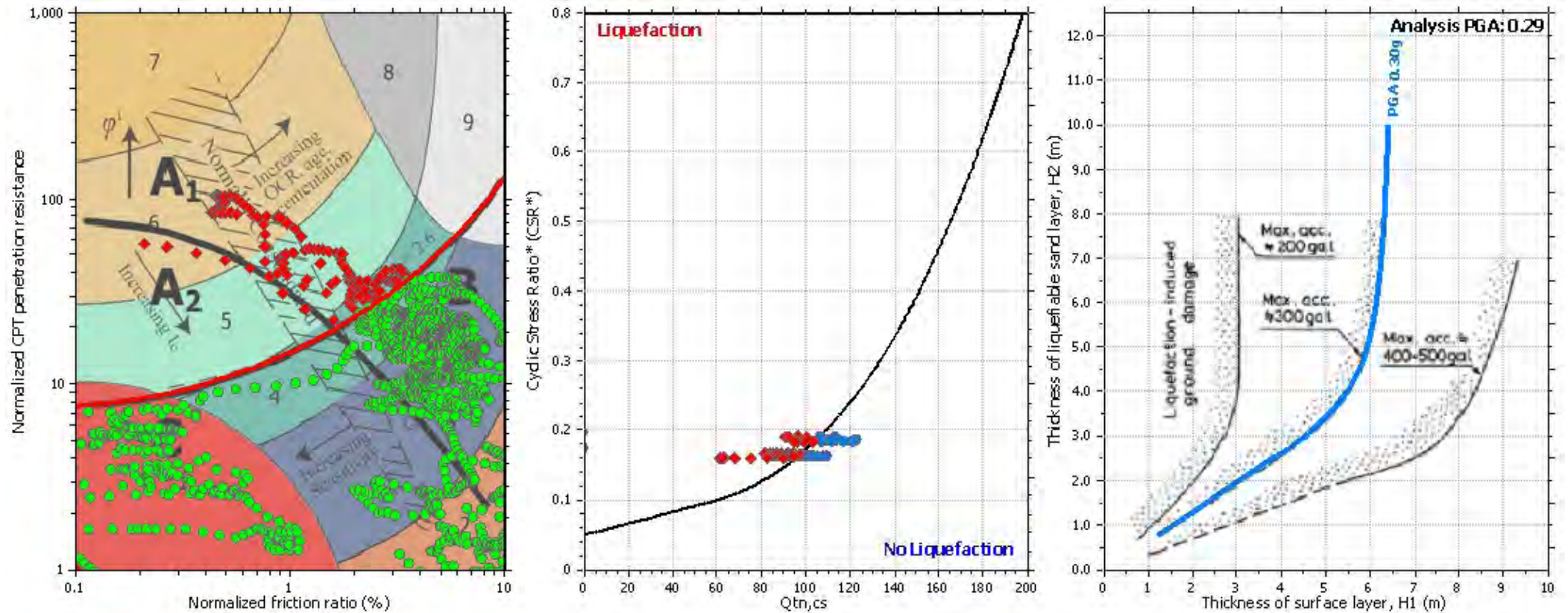
**F.S. color scheme**

- 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

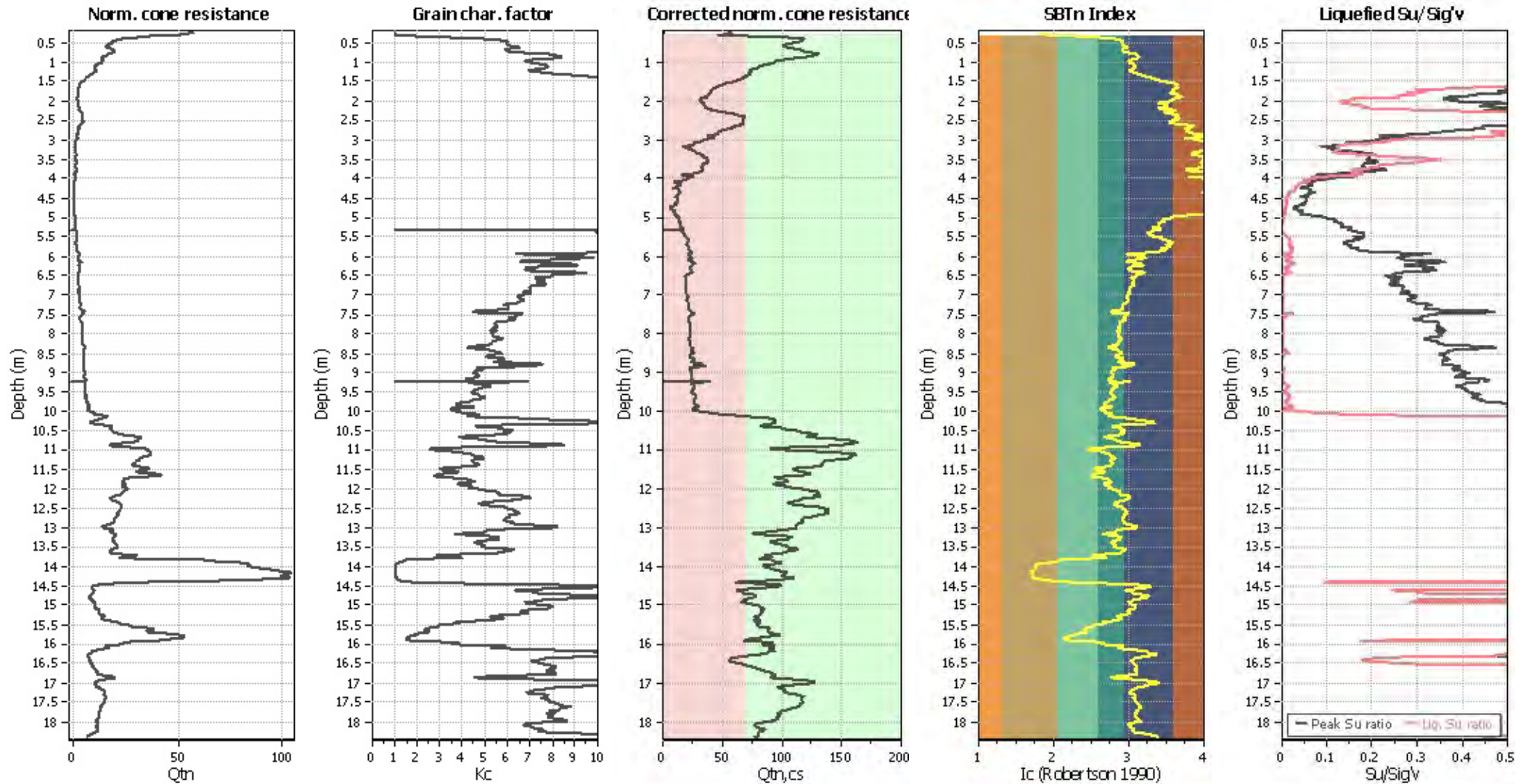
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_0$ applied:	Yes
Earthquake magnitude $M_w$ :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	0.85	0.15	4.53	0.01	0.01
10.95	0.80	0.20	4.53	0.01	0.01	10.96	0.78	0.22	4.52	0.01	0.01
10.97	0.78	0.22	4.51	0.01	0.01	10.98	0.80	0.20	4.51	0.01	0.01
10.99	0.86	0.14	4.50	0.01	0.01	11.00	0.91	0.09	4.50	0.01	0.00
11.01	1.02	0.00	4.50	0.01	0.00	11.02	1.13	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	1.16	0.00	4.28	0.01	0.00	11.46	1.12	0.00	4.27	0.01	0.00
11.47	1.10	0.00	4.26	0.01	0.00	11.48	1.08	0.00	4.26	0.01	0.00
11.49	1.09	0.00	4.25	0.01	0.00	11.50	1.11	0.00	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	1.36	0.00	4.20	0.01	0.00
11.61	1.37	0.00	4.20	0.01	0.00	11.62	1.37	0.00	4.19	0.01	0.00
11.63	1.33	0.00	4.18	0.01	0.00	11.64	1.25	0.00	4.18	0.01	0.00
11.65	1.15	0.00	4.17	0.01	0.00	11.66	1.06	0.00	4.17	0.01	0.00
11.67	0.99	0.01	4.17	0.01	0.00	11.68	0.92	0.08	4.16	0.01	0.00
11.69	0.88	0.12	4.16	0.01	0.00	11.70	0.86	0.14	4.15	0.01	0.01
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	2.00	0.00	3.16	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00
13.71	0.84	0.16	3.15	0.01	0.01	13.72	0.82	0.18	3.14	0.01	0.01
13.73	0.84	0.16	3.13	0.01	0.01	13.74	0.87	0.13	3.13	0.01	0.00
13.75	0.91	0.09	3.13	0.01	0.00	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	0.79	0.21	3.10	0.01	0.01
13.81	0.78	0.22	3.10	0.01	0.01	13.82	0.81	0.19	3.09	0.01	0.01
13.83	0.85	0.15	3.08	0.01	0.00	13.84	0.90	0.10	3.08	0.01	0.00
13.85	0.95	0.05	3.08	0.01	0.00	13.86	0.98	0.02	3.07	0.01	0.00
13.87	1.01	0.00	3.06	0.01	0.00	13.88	1.02	0.00	3.06	0.01	0.00
13.89	1.03	0.00	3.06	0.01	0.00	13.90	1.00	0.00	3.05	0.01	0.00
13.91	0.97	0.03	3.04	0.01	0.00	13.92	0.95	0.05	3.04	0.01	0.00
13.93	0.94	0.06	3.04	0.01	0.00	13.94	0.82	0.18	3.03	0.01	0.01
13.95	0.82	0.18	3.02	0.01	0.01	13.96	0.82	0.18	3.02	0.01	0.01
13.97	0.82	0.18	3.02	0.01	0.01	13.98	0.82	0.18	3.01	0.01	0.01
13.99	0.83	0.17	3.00	0.01	0.01	14.00	0.84	0.16	3.00	0.01	0.00
14.01	0.85	0.15	3.00	0.01	0.00	14.02	0.86	0.14	2.99	0.01	0.00
14.03	0.88	0.12	2.98	0.01	0.00	14.04	0.90	0.10	2.98	0.01	0.00
14.05	0.91	0.09	2.98	0.01	0.00	14.06	0.93	0.07	2.97	0.01	0.00
14.07	0.95	0.05	2.96	0.01	0.00	14.08	0.96	0.04	2.96	0.01	0.00
14.09	0.98	0.02	2.96	0.01	0.00	14.10	1.01	0.00	2.95	0.01	0.00
14.11	1.04	0.00	2.94	0.01	0.00	14.12	1.07	0.00	2.94	0.01	0.00
14.13	1.09	0.00	2.94	0.01	0.00	14.14	1.12	0.00	2.93	0.01	0.00
14.15	1.13	0.00	2.92	0.01	0.00	14.16	1.13	0.00	2.92	0.01	0.00
14.17	1.13	0.00	2.92	0.01	0.00	14.18	1.12	0.00	2.91	0.01	0.00
14.19	1.11	0.00	2.90	0.01	0.00	14.20	1.09	0.00	2.90	0.01	0.00
14.21	1.08	0.00	2.90	0.01	0.00	14.22	1.07	0.00	2.89	0.01	0.00
14.23	1.06	0.00	2.88	0.01	0.00	14.24	1.06	0.00	2.88	0.01	0.00
14.25	1.08	0.00	2.88	0.01	0.00	14.26	1.10	0.00	2.87	0.01	0.00
14.27	1.12	0.00	2.87	0.01	0.00	14.28	1.13	0.00	2.86	0.01	0.00
14.29	1.24	0.00	2.85	0.01	0.00	14.30	1.24	0.00	2.85	0.01	0.00
14.31	1.21	0.00	2.85	0.01	0.00	14.32	1.17	0.00	2.84	0.01	0.00
14.33	1.12	0.00	2.83	0.01	0.00	14.34	1.06	0.00	2.83	0.01	0.00
14.35	0.99	0.01	2.83	0.01	0.00	14.36	0.91	0.09	2.82	0.01	0.00
14.37	0.82	0.18	2.81	0.01	0.00	14.38	0.74	0.26	2.81	0.01	0.01
14.39	0.68	0.32	2.81	0.01	0.01	14.40	0.64	0.36	2.80	0.01	0.01
14.41	0.63	0.37	2.79	0.01	0.01	14.42	0.64	0.36	2.79	0.01	0.01
14.43	0.68	0.32	2.79	0.01	0.01	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	2.00	0.00	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	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

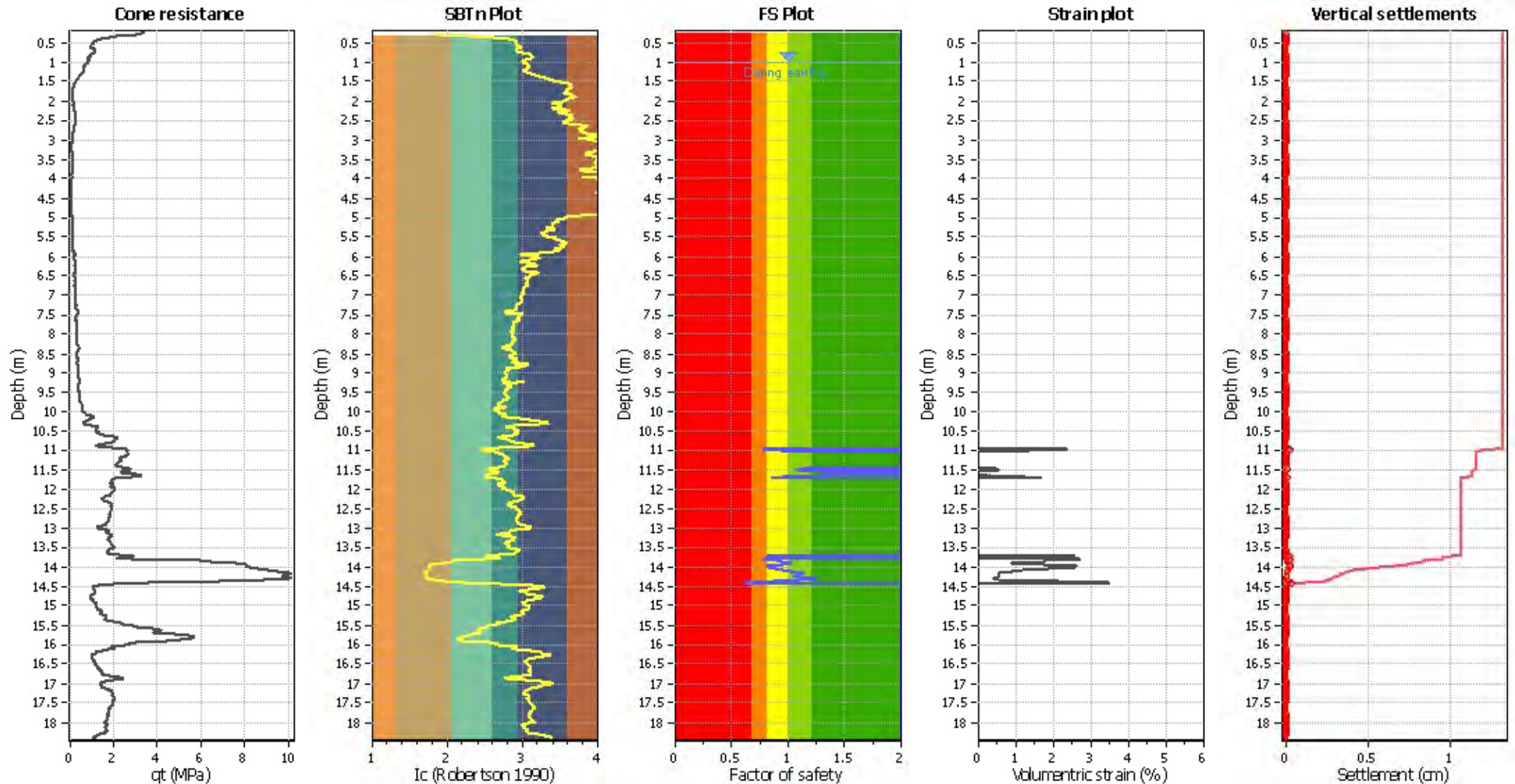
**Overall liquefaction potential: 0.25**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

:: Post-earthquake settlement due to soil liquefaction ::											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	93.60	2.00	0.00	1.00	0.00	1.01	93.35	2.00	0.00	1.00	0.00
1.02	93.19	2.00	0.00	1.00	0.00	1.03	92.30	2.00	0.00	1.00	0.00
1.04	90.93	2.00	0.00	1.00	0.00	1.05	89.45	2.00	0.00	1.00	0.00
1.06	88.75	2.00	0.00	1.00	0.00	1.07	88.03	2.00	0.00	1.00	0.00
1.08	86.30	2.00	0.00	1.00	0.00	1.09	84.42	2.00	0.00	1.00	0.00
1.10	82.78	2.00	0.00	1.00	0.00	1.11	81.86	2.00	0.00	1.00	0.00
1.12	80.63	2.00	0.00	1.00	0.00	1.13	78.85	2.00	0.00	1.00	0.00
1.14	77.34	2.00	0.00	1.00	0.00	1.15	76.04	2.00	0.00	1.00	0.00
1.16	75.08	2.00	0.00	1.00	0.00	1.17	74.20	2.00	0.00	1.00	0.00
1.18	73.61	2.00	0.00	1.00	0.00	1.19	73.61	2.00	0.00	1.00	0.00
1.20	73.79	2.00	0.00	1.00	0.00	1.21	73.88	2.00	0.00	1.00	0.00
1.22	73.87	2.00	0.00	1.00	0.00	1.23	73.64	2.00	0.00	1.00	0.00
1.24	73.33	2.00	0.00	1.00	0.00	1.25	72.65	2.00	0.00	1.00	0.00
1.26	72.28	2.00	0.00	1.00	0.00	1.27	72.35	2.00	0.00	1.00	0.00
1.28	72.64	2.00	0.00	1.00	0.00	1.29	72.64	2.00	0.00	1.00	0.00
1.30	72.02	2.00	0.00	1.00	0.00	1.31	71.36	2.00	0.00	1.00	0.00
1.32	70.64	2.00	0.00	1.00	0.00	1.33	70.14	2.00	0.00	1.00	0.00
1.34	69.78	2.00	0.00	1.00	0.00	1.35	69.69	2.00	0.00	1.00	0.00
1.36	69.46	2.00	0.00	1.00	0.00	1.37	68.96	2.00	0.00	1.00	0.00
1.38	68.32	2.00	0.00	1.00	0.00	1.39	67.65	2.00	0.00	1.00	0.00
1.40	66.98	2.00	0.00	1.00	0.00	1.41	66.10	2.00	0.00	1.00	0.00
1.42	65.29	2.00	0.00	1.00	0.00	1.43	64.42	2.00	0.00	1.00	0.00
1.44	63.71	2.00	0.00	1.00	0.00	1.45	62.92	2.00	0.00	1.00	0.00
1.46	62.34	2.00	0.00	1.00	0.00	1.47	61.39	2.00	0.00	1.00	0.00
1.48	60.33	2.00	0.00	1.00	0.00	1.49	59.09	2.00	0.00	1.00	0.00
1.50	57.97	2.00	0.00	1.00	0.00	1.51	56.94	2.00	0.00	1.00	0.00
1.52	55.58	2.00	0.00	1.00	0.00	1.53	54.24	2.00	0.00	1.00	0.00
1.54	52.84	2.00	0.00	1.00	0.00	1.55	51.92	2.00	0.00	1.00	0.00
1.56	51.07	2.00	0.00	1.00	0.00	1.57	50.40	2.00	0.00	1.00	0.00
1.58	49.74	2.00	0.00	1.00	0.00	1.59	49.21	2.00	0.00	1.00	0.00
1.60	48.69	2.00	0.00	1.00	0.00	1.61	47.70	2.00	0.00	1.00	0.00
1.62	46.76	2.00	0.00	1.00	0.00	1.63	45.94	2.00	0.00	1.00	0.00
1.64	45.21	2.00	0.00	1.00	0.00	1.65	44.40	2.00	0.00	1.00	0.00
1.66	43.40	2.00	0.00	1.00	0.00	1.67	42.75	2.00	0.00	1.00	0.00
1.68	42.04	2.00	0.00	1.00	0.00	1.69	41.17	2.00	0.00	1.00	0.00
1.70	40.37	2.00	0.00	1.00	0.00	1.71	39.84	2.00	0.00	1.00	0.00
1.72	39.81	2.00	0.00	1.00	0.00	1.73	39.72	2.00	0.00	1.00	0.00
1.74	39.99	2.00	0.00	1.00	0.00	1.75	40.16	2.00	0.00	1.00	0.00
1.76	40.38	2.00	0.00	1.00	0.00	1.77	40.37	2.00	0.00	1.00	0.00
1.78	39.96	2.00	0.00	1.00	0.00	1.79	39.68	2.00	0.00	1.00	0.00
1.80	39.26	2.00	0.00	1.00	0.00	1.81	39.20	2.00	0.00	1.00	0.00
1.82	38.94	2.00	0.00	1.00	0.00	1.83	38.60	2.00	0.00	1.00	0.00
1.84	38.31	2.00	0.00	1.00	0.00	1.85	38.15	2.00	0.00	1.00	0.00
1.86	37.79	2.00	0.00	1.00	0.00	1.87	37.22	2.00	0.00	1.00	0.00
1.88	36.50	2.00	0.00	1.00	0.00	1.89	35.93	2.00	0.00	1.00	0.00
1.90	35.95	2.00	0.00	1.00	0.00	1.91	36.25	2.00	0.00	1.00	0.00
1.92	36.53	2.00	0.00	1.00	0.00	1.93	34.79	2.00	0.00	1.00	0.00
1.94	33.27	2.00	0.00	1.00	0.00	1.95	31.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	31.43	2.00	0.00	1.00	0.00	1.97	31.10	2.00	0.00	1.00	0.00
1.98	30.86	2.00	0.00	1.00	0.00	1.99	31.22	2.00	0.00	1.00	0.00
2.00	31.60	2.00	0.00	1.00	0.00	2.01	32.20	2.00	0.00	1.00	0.00
2.02	32.56	2.00	0.00	1.00	0.00	2.03	32.94	2.00	0.00	1.00	0.00
2.04	33.23	2.00	0.00	1.00	0.00	2.05	33.42	2.00	0.00	1.00	0.00
2.06	33.63	2.00	0.00	1.00	0.00	2.07	33.75	2.00	0.00	1.00	0.00
2.08	34.09	2.00	0.00	1.00	0.00	2.09	34.47	2.00	0.00	1.00	0.00
2.10	34.74	2.00	0.00	1.00	0.00	2.11	34.82	2.00	0.00	1.00	0.00
2.12	34.94	2.00	0.00	1.00	0.00	2.13	35.35	2.00	0.00	1.00	0.00
2.14	35.65	2.00	0.00	1.00	0.00	2.15	35.95	2.00	0.00	1.00	0.00
2.16	36.43	2.00	0.00	1.00	0.00	2.17	37.15	2.00	0.00	1.00	0.00
2.18	37.76	2.00	0.00	1.00	0.00	2.19	38.51	2.00	0.00	1.00	0.00
2.20	39.34	2.00	0.00	1.00	0.00	2.21	40.16	2.00	0.00	1.00	0.00
2.22	40.84	2.00	0.00	1.00	0.00	2.23	41.65	2.00	0.00	1.00	0.00
2.24	42.92	2.00	0.00	1.00	0.00	2.25	44.68	2.00	0.00	1.00	0.00
2.26	46.72	2.00	0.00	1.00	0.00	2.27	49.14	2.00	0.00	1.00	0.00
2.28	51.49	2.00	0.00	1.00	0.00	2.29	53.57	2.00	0.00	1.00	0.00
2.30	55.50	2.00	0.00	1.00	0.00	2.31	56.92	2.00	0.00	1.00	0.00
2.32	58.21	2.00	0.00	1.00	0.00	2.33	59.22	2.00	0.00	1.00	0.00
2.34	60.29	2.00	0.00	1.00	0.00	2.35	61.57	2.00	0.00	1.00	0.00
2.36	62.70	2.00	0.00	1.00	0.00	2.37	64.22	2.00	0.00	1.00	0.00
2.38	65.59	2.00	0.00	1.00	0.00	2.39	67.03	2.00	0.00	1.00	0.00
2.40	68.03	2.00	0.00	1.00	0.00	2.41	68.51	2.00	0.00	1.00	0.00
2.42	68.44	2.00	0.00	1.00	0.00	2.43	67.99	2.00	0.00	1.00	0.00
2.44	67.64	2.00	0.00	1.00	0.00	2.45	67.49	2.00	0.00	1.00	0.00
2.46	67.51	2.00	0.00	1.00	0.00	2.47	67.37	2.00	0.00	1.00	0.00
2.48	67.10	2.00	0.00	1.00	0.00	2.49	66.88	2.00	0.00	1.00	0.00
2.50	66.74	2.00	0.00	1.00	0.00	2.51	66.73	2.00	0.00	1.00	0.00
2.52	66.76	2.00	0.00	1.00	0.00	2.53	67.00	2.00	0.00	1.00	0.00
2.54	67.20	2.00	0.00	1.00	0.00	2.55	67.43	2.00	0.00	1.00	0.00
2.56	67.35	2.00	0.00	1.00	0.00	2.57	67.58	2.00	0.00	1.00	0.00
2.58	67.53	2.00	0.00	1.00	0.00	2.59	67.30	2.00	0.00	1.00	0.00
2.60	66.30	2.00	0.00	1.00	0.00	2.61	65.33	2.00	0.00	1.00	0.00
2.62	64.46	2.00	0.00	1.00	0.00	2.63	64.07	2.00	0.00	1.00	0.00
2.64	62.73	2.00	0.00	1.00	0.00	2.65	61.61	2.00	0.00	1.00	0.00
2.66	60.30	2.00	0.00	1.00	0.00	2.67	59.76	2.00	0.00	1.00	0.00
2.68	58.82	2.00	0.00	1.00	0.00	2.69	57.72	2.00	0.00	1.00	0.00
2.70	56.85	2.00	0.00	1.00	0.00	2.71	55.75	2.00	0.00	1.00	0.00
2.72	54.75	2.00	0.00	1.00	0.00	2.73	53.17	2.00	0.00	1.00	0.00
2.74	51.91	2.00	0.00	1.00	0.00	2.75	50.65	2.00	0.00	1.00	0.00
2.76	49.53	2.00	0.00	1.00	0.00	2.77	48.74	2.00	0.00	1.00	0.00
2.78	48.06	2.00	0.00	1.00	0.00	2.79	47.70	2.00	0.00	1.00	0.00
2.80	47.50	2.00	0.00	1.00	0.00	2.81	46.93	2.00	0.00	1.00	0.00
2.82	46.02	2.00	0.00	1.00	0.00	2.83	44.88	2.00	0.00	1.00	0.00
2.84	44.42	2.00	0.00	1.00	0.00	2.85	43.34	2.00	0.00	1.00	0.00
2.86	42.16	2.00	0.00	1.00	0.00	2.87	39.48	2.00	0.00	1.00	0.00
2.88	37.94	2.00	0.00	1.00	0.00	2.89	37.90	2.00	0.00	1.00	0.00
2.90	40.21	2.00	0.00	1.00	0.00	2.91	41.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.34	2.00	0.00	1.00	0.00	2.93	42.12	2.00	0.00	1.00	0.00
2.94	41.99	2.00	0.00	1.00	0.00	2.95	40.74	2.00	0.00	1.00	0.00
2.96	38.78	2.00	0.00	1.00	0.00	2.97	36.56	2.00	0.00	1.00	0.00
2.98	35.13	2.00	0.00	1.00	0.00	2.99	33.87	2.00	0.00	1.00	0.00
3.00	33.09	2.00	0.00	1.00	0.00	3.01	32.33	2.00	0.00	1.00	0.00
3.02	32.12	2.00	0.00	1.00	0.00	3.03	32.11	2.00	0.00	1.00	0.00
3.04	31.01	2.00	0.00	1.00	0.00	3.05	28.93	2.00	0.00	1.00	0.00
3.06	25.85	2.00	0.00	1.00	0.00	3.07	25.79	2.00	0.00	1.00	0.00
3.08	25.73	2.00	0.00	1.00	0.00	3.09	25.66	2.00	0.00	1.00	0.00
3.10	25.60	2.00	0.00	1.00	0.00	3.11	25.54	2.00	0.00	1.00	0.00
3.12	25.48	2.00	0.00	1.00	0.00	3.13	23.90	2.00	0.00	1.00	0.00
3.14	22.31	2.00	0.00	1.00	0.00	3.15	19.21	2.00	0.00	1.00	0.00
3.16	17.63	2.00	0.00	1.00	0.00	3.17	16.05	2.00	0.00	1.00	0.00
3.18	17.51	2.00	0.00	1.00	0.00	3.19	18.96	2.00	0.00	1.00	0.00
3.20	21.93	2.00	0.00	1.00	0.00	3.21	23.37	2.00	0.00	1.00	0.00
3.22	23.30	2.00	0.00	1.00	0.00	3.23	21.72	2.00	0.00	1.00	0.00
3.24	20.14	2.00	0.00	1.00	0.00	3.25	21.59	2.00	0.00	1.00	0.00
3.26	23.03	2.00	0.00	1.00	0.00	3.27	24.43	2.00	0.00	1.00	0.00
3.28	24.38	2.00	0.00	1.00	0.00	3.29	25.42	2.00	0.00	1.00	0.00
3.30	26.29	2.00	0.00	1.00	0.00	3.31	27.08	2.00	0.00	1.00	0.00
3.32	27.19	2.00	0.00	1.00	0.00	3.33	27.43	2.00	0.00	1.00	0.00
3.34	28.23	2.00	0.00	1.00	0.00	3.35	29.09	2.00	0.00	1.00	0.00
3.36	30.11	2.00	0.00	1.00	0.00	3.37	30.59	2.00	0.00	1.00	0.00
3.38	31.40	2.00	0.00	1.00	0.00	3.39	31.67	2.00	0.00	1.00	0.00
3.40	32.29	2.00	0.00	1.00	0.00	3.41	32.38	2.00	0.00	1.00	0.00
3.42	32.84	2.00	0.00	1.00	0.00	3.43	33.38	2.00	0.00	1.00	0.00
3.44	34.03	2.00	0.00	1.00	0.00	3.45	34.75	2.00	0.00	1.00	0.00
3.46	35.24	2.00	0.00	1.00	0.00	3.47	35.69	2.00	0.00	1.00	0.00
3.48	36.17	2.00	0.00	1.00	0.00	3.49	36.52	2.00	0.00	1.00	0.00
3.50	36.67	2.00	0.00	1.00	0.00	3.51	36.61	2.00	0.00	1.00	0.00
3.52	36.56	2.00	0.00	1.00	0.00	3.53	36.50	2.00	0.00	1.00	0.00
3.54	37.11	2.00	0.00	1.00	0.00	3.55	37.40	2.00	0.00	1.00	0.00
3.56	37.68	2.00	0.00	1.00	0.00	3.57	37.52	2.00	0.00	1.00	0.00
3.58	37.30	2.00	0.00	1.00	0.00	3.59	36.98	2.00	0.00	1.00	0.00
3.60	36.10	2.00	0.00	1.00	0.00	3.61	35.25	2.00	0.00	1.00	0.00
3.62	34.36	2.00	0.00	1.00	0.00	3.63	34.00	2.00	0.00	1.00	0.00
3.64	33.63	2.00	0.00	1.00	0.00	3.65	33.35	2.00	0.00	1.00	0.00
3.66	33.07	2.00	0.00	1.00	0.00	3.67	32.83	2.00	0.00	1.00	0.00
3.68	32.61	2.00	0.00	1.00	0.00	3.69	32.42	2.00	0.00	1.00	0.00
3.70	32.17	2.00	0.00	1.00	0.00	3.71	32.38	2.00	0.00	1.00	0.00
3.72	32.90	2.00	0.00	1.00	0.00	3.73	33.24	2.00	0.00	1.00	0.00
3.74	33.12	2.00	0.00	1.00	0.00	3.75	33.31	2.00	0.00	1.00	0.00
3.76	33.27	2.00	0.00	1.00	0.00	3.77	33.44	2.00	0.00	1.00	0.00
3.78	32.59	2.00	0.00	1.00	0.00	3.79	32.14	2.00	0.00	1.00	0.00
3.80	31.42	2.00	0.00	1.00	0.00	3.81	31.29	2.00	0.00	1.00	0.00
3.82	30.48	2.00	0.00	1.00	0.00	3.83	29.72	2.00	0.00	1.00	0.00
3.84	28.86	2.00	0.00	1.00	0.00	3.85	26.97	2.00	0.00	1.00	0.00
3.86	23.88	2.00	0.00	1.00	0.00	3.87	19.28	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	17.70	2.00	0.00	1.00	0.00	3.89	16.13	2.00	0.00	1.00	0.00
3.90	16.06	2.00	0.00	1.00	0.00	3.91	15.99	2.00	0.00	1.00	0.00
3.92	15.92	2.00	0.00	1.00	0.00	3.93	21.74	2.00	0.00	1.00	0.00
3.94	25.07	2.00	0.00	1.00	0.00	3.95	24.53	2.00	0.00	1.00	0.00
3.96	23.62	2.00	0.00	1.00	0.00	3.97	22.73	2.00	0.00	1.00	0.00
3.98	21.69	2.00	0.00	1.00	0.00	3.99	20.97	2.00	0.00	1.00	0.00
4.00	19.71	2.00	0.00	1.00	0.00	4.01	19.61	2.00	0.00	1.00	0.00
4.02	19.20	2.00	0.00	1.00	0.00	4.03	18.04	2.00	0.00	1.00	0.00
4.04	16.47	2.00	0.00	1.00	0.00	4.05	14.90	2.00	0.00	1.00	0.00
4.06	13.33	2.00	0.00	1.00	0.00	4.07	11.75	2.00	0.00	1.00	0.00
4.08	10.18	2.00	0.00	1.00	0.00	4.09	10.12	2.00	0.00	1.00	0.00
4.10	10.07	2.00	0.00	1.00	0.00	4.11	11.52	2.00	0.00	1.00	0.00
4.12	12.97	2.00	0.00	1.00	0.00	4.13	14.42	2.00	0.00	1.00	0.00
4.14	14.36	2.00	0.00	1.00	0.00	4.15	14.30	2.00	0.00	1.00	0.00
4.16	14.24	2.00	0.00	1.00	0.00	4.17	14.17	2.00	0.00	1.00	0.00
4.18	14.11	2.00	0.00	1.00	0.00	4.19	12.53	2.00	0.00	1.00	0.00
4.20	10.96	2.00	0.00	1.00	0.00	4.21	9.38	2.00	0.00	1.00	0.00
4.22	9.30	2.00	0.00	1.00	0.00	4.23	9.23	2.00	0.00	1.00	0.00
4.24	9.16	2.00	0.00	1.00	0.00	4.25	9.11	2.00	0.00	1.00	0.00
4.26	10.56	2.00	0.00	1.00	0.00	4.27	12.02	2.00	0.00	1.00	0.00
4.28	13.48	2.00	0.00	1.00	0.00	4.29	13.44	2.00	0.00	1.00	0.00
4.30	13.39	2.00	0.00	1.00	0.00	4.31	13.34	2.00	0.00	1.00	0.00
4.32	13.28	2.00	0.00	1.00	0.00	4.33	13.23	2.00	0.00	1.00	0.00
4.34	13.17	2.00	0.00	1.00	0.00	4.35	14.32	2.00	0.00	1.00	0.00
4.36	14.84	2.00	0.00	1.00	0.00	4.37	14.69	2.00	0.00	1.00	0.00
4.38	13.93	2.00	0.00	1.00	0.00	4.39	12.88	2.00	0.00	1.00	0.00
4.40	12.81	2.00	0.00	1.00	0.00	4.41	12.74	2.00	0.00	1.00	0.00
4.42	12.68	2.00	0.00	1.00	0.00	4.43	12.61	2.00	0.00	1.00	0.00
4.44	12.55	2.00	0.00	1.00	0.00	4.45	10.98	2.00	0.00	1.00	0.00
4.46	9.41	2.00	0.00	1.00	0.00	4.47	9.35	2.00	0.00	1.00	0.00
4.48	10.80	2.00	0.00	1.00	0.00	4.49	12.13	2.00	0.00	1.00	0.00
4.50	11.94	2.00	0.00	1.00	0.00	4.51	11.87	2.00	0.00	1.00	0.00
4.52	11.84	2.00	0.00	1.00	0.00	4.53	11.82	2.00	0.00	1.00	0.00
4.54	11.90	2.00	0.00	1.00	0.00	4.55	11.88	2.00	0.00	1.00	0.00
4.56	11.82	2.00	0.00	1.00	0.00	4.57	11.76	2.00	0.00	1.00	0.00
4.58	11.69	2.00	0.00	1.00	0.00	4.59	11.60	2.00	0.00	1.00	0.00
4.60	11.52	2.00	0.00	1.00	0.00	4.61	11.51	2.00	0.00	1.00	0.00
4.62	11.44	2.00	0.00	1.00	0.00	4.63	11.38	2.00	0.00	1.00	0.00
4.64	9.81	2.00	0.00	1.00	0.00	4.65	9.75	2.00	0.00	1.00	0.00
4.66	9.69	2.00	0.00	1.00	0.00	4.67	11.14	2.00	0.00	1.00	0.00
4.68	9.57	2.00	0.00	1.00	0.00	4.69	8.00	2.00	0.00	1.00	0.00
4.70	6.43	2.00	0.00	1.00	0.00	4.71	6.36	2.00	0.00	1.00	0.00
4.72	6.31	2.00	0.00	1.00	0.00	4.73	6.25	2.00	0.00	1.00	0.00
4.74	6.19	2.00	0.00	1.00	0.00	4.75	6.13	2.00	0.00	1.00	0.00
4.76	6.07	2.00	0.00	1.00	0.00	4.77	6.01	2.00	0.00	1.00	0.00
4.78	5.95	2.00	0.00	1.00	0.00	4.79	7.39	2.00	0.00	1.00	0.00
4.80	8.83	2.00	0.00	1.00	0.00	4.81	10.28	2.00	0.00	1.00	0.00
4.82	8.72	2.00	0.00	1.00	0.00	4.83	8.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	8.61	2.00	0.00	1.00	0.00	4.85	10.06	2.00	0.00	1.00	0.00
4.86	10.01	2.00	0.00	1.00	0.00	4.87	9.95	2.00	0.00	1.00	0.00
4.88	9.89	2.00	0.00	1.00	0.00	4.89	9.83	2.00	0.00	1.00	0.00
4.90	9.78	2.00	0.00	1.00	0.00	4.91	9.72	2.00	0.00	1.00	0.00
4.92	9.66	2.00	0.00	1.00	0.00	4.93	10.83	2.00	0.00	1.00	0.00
4.94	11.38	2.00	0.00	1.00	0.00	4.95	11.46	2.00	0.00	1.00	0.00
4.96	11.89	2.00	0.00	1.00	0.00	4.97	11.89	2.00	0.00	1.00	0.00
4.98	12.28	2.00	0.00	1.00	0.00	4.99	12.64	2.00	0.00	1.00	0.00
5.00	13.09	2.00	0.00	1.00	0.00	5.01	13.09	2.00	0.00	1.00	0.00
5.02	13.09	2.00	0.00	1.00	0.00	5.03	13.31	2.00	0.00	1.00	0.00
5.04	13.62	2.00	0.00	1.00	0.00	5.05	13.92	2.00	0.00	1.00	0.00
5.06	13.91	2.00	0.00	1.00	0.00	5.07	13.90	2.00	0.00	1.00	0.00
5.08	13.90	2.00	0.00	1.00	0.00	5.09	13.89	2.00	0.00	1.00	0.00
5.10	13.88	2.00	0.00	1.00	0.00	5.11	13.87	2.00	0.00	1.00	0.00
5.12	13.87	2.00	0.00	1.00	0.00	5.13	14.14	2.00	0.00	1.00	0.00
5.14	14.41	2.00	0.00	1.00	0.00	5.15	14.58	2.00	0.00	1.00	0.00
5.16	14.52	2.00	0.00	1.00	0.00	5.17	14.57	2.00	0.00	1.00	0.00
5.18	14.56	2.00	0.00	1.00	0.00	5.19	14.55	2.00	0.00	1.00	0.00
5.20	14.55	2.00	0.00	1.00	0.00	5.21	14.54	2.00	0.00	1.00	0.00
5.22	14.53	2.00	0.00	1.00	0.00	5.23	14.52	2.00	0.00	1.00	0.00
5.24	14.51	2.00	0.00	1.00	0.00	5.25	14.50	2.00	0.00	1.00	0.00
5.26	15.08	2.00	0.00	1.00	0.00	5.27	15.36	2.00	0.00	1.00	0.00
5.28	15.63	2.00	0.00	1.00	0.00	5.29	15.35	2.00	0.00	1.00	0.00
5.30	15.66	2.00	0.00	1.00	0.00	5.31	16.68	2.00	0.00	1.00	0.00
5.32	-1.00	2.00	0.00	1.00	0.00	5.33	-1.00	2.00	0.00	1.00	0.00
5.34	16.65	2.00	0.00	1.00	0.00	5.35	15.93	2.00	0.00	1.00	0.00
5.36	16.11	2.00	0.00	1.00	0.00	5.37	16.39	2.00	0.00	1.00	0.00
5.38	16.54	2.00	0.00	1.00	0.00	5.39	16.61	2.00	0.00	1.00	0.00
5.40	16.85	2.00	0.00	1.00	0.00	5.41	17.14	2.00	0.00	1.00	0.00
5.42	17.44	2.00	0.00	1.00	0.00	5.43	17.53	2.00	0.00	1.00	0.00
5.44	17.70	2.00	0.00	1.00	0.00	5.45	17.87	2.00	0.00	1.00	0.00
5.46	18.23	2.00	0.00	1.00	0.00	5.47	18.58	2.00	0.00	1.00	0.00
5.48	18.83	2.00	0.00	1.00	0.00	5.49	19.05	2.00	0.00	1.00	0.00
5.50	19.23	2.00	0.00	1.00	0.00	5.51	19.84	2.00	0.00	1.00	0.00
5.52	20.41	2.00	0.00	1.00	0.00	5.53	20.98	2.00	0.00	1.00	0.00
5.54	21.16	2.00	0.00	1.00	0.00	5.55	21.08	2.00	0.00	1.00	0.00
5.56	20.92	2.00	0.00	1.00	0.00	5.57	20.74	2.00	0.00	1.00	0.00
5.58	20.79	2.00	0.00	1.00	0.00	5.59	20.59	2.00	0.00	1.00	0.00
5.60	20.63	2.00	0.00	1.00	0.00	5.61	20.38	2.00	0.00	1.00	0.00
5.62	20.37	2.00	0.00	1.00	0.00	5.63	20.21	2.00	0.00	1.00	0.00
5.64	20.26	2.00	0.00	1.00	0.00	5.65	20.20	2.00	0.00	1.00	0.00
5.66	19.87	2.00	0.00	1.00	0.00	5.67	19.53	2.00	0.00	1.00	0.00
5.68	19.29	2.00	0.00	1.00	0.00	5.69	19.48	2.00	0.00	1.00	0.00
5.70	19.77	2.00	0.00	1.00	0.00	5.71	20.17	2.00	0.00	1.00	0.00
5.72	20.57	2.00	0.00	1.00	0.00	5.73	20.99	2.00	0.00	1.00	0.00
5.74	21.34	2.00	0.00	1.00	0.00	5.75	21.48	2.00	0.00	1.00	0.00
5.76	21.34	2.00	0.00	1.00	0.00	5.77	21.20	2.00	0.00	1.00	0.00
5.78	20.96	2.00	0.00	1.00	0.00	5.79	20.98	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.26	2.00	0.00	1.00	0.00	5.81	21.64	2.00	0.00	1.00	0.00
5.82	21.94	2.00	0.00	1.00	0.00	5.83	22.14	2.00	0.00	1.00	0.00
5.84	22.34	2.00	0.00	1.00	0.00	5.85	22.70	2.00	0.00	1.00	0.00
5.86	22.74	2.00	0.00	1.00	0.00	5.87	22.84	2.00	0.00	1.00	0.00
5.88	22.91	2.00	0.00	1.00	0.00	5.89	23.44	2.00	0.00	1.00	0.00
5.90	23.81	2.00	0.00	1.00	0.00	5.91	24.09	2.00	0.00	1.00	0.00
5.92	23.01	2.00	0.00	1.00	0.00	5.93	21.51	2.00	0.00	1.00	0.00
5.94	20.29	2.00	0.00	1.00	0.00	5.95	20.12	2.00	0.00	1.00	0.00
5.96	20.13	2.00	0.00	1.00	0.00	5.97	20.70	2.00	0.00	1.00	0.00
5.98	21.20	2.00	0.00	1.00	0.00	5.99	21.92	2.00	0.00	1.00	0.00
6.00	22.49	2.00	0.00	1.00	0.00	6.01	23.17	2.00	0.00	1.00	0.00
6.02	23.73	2.00	0.00	1.00	0.00	6.03	24.00	2.00	0.00	1.00	0.00
6.04	24.18	2.00	0.00	1.00	0.00	6.05	24.17	2.00	0.00	1.00	0.00
6.06	23.89	2.00	0.00	1.00	0.00	6.07	23.12	2.00	0.00	1.00	0.00
6.08	22.09	2.00	0.00	1.00	0.00	6.09	21.24	2.00	0.00	1.00	0.00
6.10	20.90	2.00	0.00	1.00	0.00	6.11	21.25	2.00	0.00	1.00	0.00
6.12	21.74	2.00	0.00	1.00	0.00	6.13	22.19	2.00	0.00	1.00	0.00
6.14	22.68	2.00	0.00	1.00	0.00	6.15	23.38	2.00	0.00	1.00	0.00
6.16	24.49	2.00	0.00	1.00	0.00	6.17	25.61	2.00	0.00	1.00	0.00
6.18	26.44	2.00	0.00	1.00	0.00	6.19	26.88	2.00	0.00	1.00	0.00
6.20	26.51	2.00	0.00	1.00	0.00	6.21	25.67	2.00	0.00	1.00	0.00
6.22	24.45	2.00	0.00	1.00	0.00	6.23	23.68	2.00	0.00	1.00	0.00
6.24	23.15	2.00	0.00	1.00	0.00	6.25	23.24	2.00	0.00	1.00	0.00
6.26	23.24	2.00	0.00	1.00	0.00	6.27	23.29	2.00	0.00	1.00	0.00
6.28	22.77	2.00	0.00	1.00	0.00	6.29	22.24	2.00	0.00	1.00	0.00
6.30	21.76	2.00	0.00	1.00	0.00	6.31	22.00	2.00	0.00	1.00	0.00
6.32	22.54	2.00	0.00	1.00	0.00	6.33	23.06	2.00	0.00	1.00	0.00
6.34	23.18	2.00	0.00	1.00	0.00	6.35	23.17	2.00	0.00	1.00	0.00
6.36	23.02	2.00	0.00	1.00	0.00	6.37	23.03	2.00	0.00	1.00	0.00
6.38	23.33	2.00	0.00	1.00	0.00	6.39	23.80	2.00	0.00	1.00	0.00
6.40	24.12	2.00	0.00	1.00	0.00	6.41	24.24	2.00	0.00	1.00	0.00
6.42	24.28	2.00	0.00	1.00	0.00	6.43	24.05	2.00	0.00	1.00	0.00
6.44	23.29	2.00	0.00	1.00	0.00	6.45	22.38	2.00	0.00	1.00	0.00
6.46	21.22	2.00	0.00	1.00	0.00	6.47	20.30	2.00	0.00	1.00	0.00
6.48	19.59	2.00	0.00	1.00	0.00	6.49	19.14	2.00	0.00	1.00	0.00
6.50	18.79	2.00	0.00	1.00	0.00	6.51	18.59	2.00	0.00	1.00	0.00
6.52	18.87	2.00	0.00	1.00	0.00	6.53	19.00	2.00	0.00	1.00	0.00
6.54	19.26	2.00	0.00	1.00	0.00	6.55	19.45	2.00	0.00	1.00	0.00
6.56	19.45	2.00	0.00	1.00	0.00	6.57	19.44	2.00	0.00	1.00	0.00
6.58	19.28	2.00	0.00	1.00	0.00	6.59	19.16	2.00	0.00	1.00	0.00
6.60	19.04	2.00	0.00	1.00	0.00	6.61	19.09	2.00	0.00	1.00	0.00
6.62	19.03	2.00	0.00	1.00	0.00	6.63	19.03	2.00	0.00	1.00	0.00
6.64	19.14	2.00	0.00	1.00	0.00	6.65	19.30	2.00	0.00	1.00	0.00
6.66	19.41	2.00	0.00	1.00	0.00	6.67	19.41	2.00	0.00	1.00	0.00
6.68	19.41	2.00	0.00	1.00	0.00	6.69	19.40	2.00	0.00	1.00	0.00
6.70	19.40	2.00	0.00	1.00	0.00	6.71	19.28	2.00	0.00	1.00	0.00
6.72	19.16	2.00	0.00	1.00	0.00	6.73	19.05	2.00	0.00	1.00	0.00
6.74	19.16	2.00	0.00	1.00	0.00	6.75	19.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	19.49	2.00	0.00	1.00	0.00	6.77	19.60	2.00	0.00	1.00	0.00
6.78	19.70	2.00	0.00	1.00	0.00	6.79	19.70	2.00	0.00	1.00	0.00
6.80	19.70	2.00	0.00	1.00	0.00	6.81	19.69	2.00	0.00	1.00	0.00
6.82	19.69	2.00	0.00	1.00	0.00	6.83	19.65	2.00	0.00	1.00	0.00
6.84	19.65	2.00	0.00	1.00	0.00	6.85	19.65	2.00	0.00	1.00	0.00
6.86	19.68	2.00	0.00	1.00	0.00	6.87	19.68	2.00	0.00	1.00	0.00
6.88	19.68	2.00	0.00	1.00	0.00	6.89	19.67	2.00	0.00	1.00	0.00
6.90	19.67	2.00	0.00	1.00	0.00	6.91	19.88	2.00	0.00	1.00	0.00
6.92	19.98	2.00	0.00	1.00	0.00	6.93	19.99	2.00	0.00	1.00	0.00
6.94	19.79	2.00	0.00	1.00	0.00	6.95	19.69	2.00	0.00	1.00	0.00
6.96	19.69	2.00	0.00	1.00	0.00	6.97	19.75	2.00	0.00	1.00	0.00
6.98	19.75	2.00	0.00	1.00	0.00	6.99	19.85	2.00	0.00	1.00	0.00
7.00	20.00	2.00	0.00	1.00	0.00	7.01	20.19	2.00	0.00	1.00	0.00
7.02	20.29	2.00	0.00	1.00	0.00	7.03	20.29	2.00	0.00	1.00	0.00
7.04	20.29	2.00	0.00	1.00	0.00	7.05	20.33	2.00	0.00	1.00	0.00
7.06	20.33	2.00	0.00	1.00	0.00	7.07	20.23	2.00	0.00	1.00	0.00
7.08	20.09	2.00	0.00	1.00	0.00	7.09	19.99	2.00	0.00	1.00	0.00
7.10	19.99	2.00	0.00	1.00	0.00	7.11	19.98	2.00	0.00	1.00	0.00
7.12	19.98	2.00	0.00	1.00	0.00	7.13	19.98	2.00	0.00	1.00	0.00
7.14	19.98	2.00	0.00	1.00	0.00	7.15	20.07	2.00	0.00	1.00	0.00
7.16	20.17	2.00	0.00	1.00	0.00	7.17	20.26	2.00	0.00	1.00	0.00
7.18	20.26	2.00	0.00	1.00	0.00	7.19	20.36	2.00	0.00	1.00	0.00
7.20	20.45	2.00	0.00	1.00	0.00	7.21	20.63	2.00	0.00	1.00	0.00
7.22	20.72	2.00	0.00	1.00	0.00	7.23	20.89	2.00	0.00	1.00	0.00
7.24	20.98	2.00	0.00	1.00	0.00	7.25	21.00	2.00	0.00	1.00	0.00
7.26	20.91	2.00	0.00	1.00	0.00	7.27	20.83	2.00	0.00	1.00	0.00
7.28	20.80	2.00	0.00	1.00	0.00	7.29	20.80	2.00	0.00	1.00	0.00
7.30	20.80	2.00	0.00	1.00	0.00	7.31	20.80	2.00	0.00	1.00	0.00
7.32	20.80	2.00	0.00	1.00	0.00	7.33	20.79	2.00	0.00	1.00	0.00
7.34	20.79	2.00	0.00	1.00	0.00	7.35	20.79	2.00	0.00	1.00	0.00
7.36	20.88	2.00	0.00	1.00	0.00	7.37	21.13	2.00	0.00	1.00	0.00
7.38	21.46	2.00	0.00	1.00	0.00	7.39	21.84	2.00	0.00	1.00	0.00
7.40	22.28	2.00	0.00	1.00	0.00	7.41	22.78	2.00	0.00	1.00	0.00
7.42	23.17	2.00	0.00	1.00	0.00	7.43	23.24	2.00	0.00	1.00	0.00
7.44	23.32	2.00	0.00	1.00	0.00	7.45	23.27	2.00	0.00	1.00	0.00
7.46	25.13	2.00	0.00	1.00	0.00	7.47	26.25	2.00	0.00	1.00	0.00
7.48	25.68	2.00	0.00	1.00	0.00	7.49	24.39	2.00	0.00	1.00	0.00
7.50	23.85	2.00	0.00	1.00	0.00	7.51	23.36	2.00	0.00	1.00	0.00
7.52	23.00	2.00	0.00	1.00	0.00	7.53	22.48	2.00	0.00	1.00	0.00
7.54	22.35	2.00	0.00	1.00	0.00	7.55	22.06	2.00	0.00	1.00	0.00
7.56	21.98	2.00	0.00	1.00	0.00	7.57	21.89	2.00	0.00	1.00	0.00
7.58	21.65	2.00	0.00	1.00	0.00	7.59	21.00	2.00	0.00	1.00	0.00
7.60	20.66	2.00	0.00	1.00	0.00	7.61	20.55	2.00	0.00	1.00	0.00
7.62	20.62	2.00	0.00	1.00	0.00	7.63	20.61	2.00	0.00	1.00	0.00
7.64	20.69	2.00	0.00	1.00	0.00	7.65	20.77	2.00	0.00	1.00	0.00
7.66	20.85	2.00	0.00	1.00	0.00	7.67	20.93	2.00	0.00	1.00	0.00
7.68	21.08	2.00	0.00	1.00	0.00	7.69	21.23	2.00	0.00	1.00	0.00
7.70	21.37	2.00	0.00	1.00	0.00	7.71	21.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	21.51	2.00	0.00	1.00	0.00	7.73	21.51	2.00	0.00	1.00	0.00
7.74	21.48	2.00	0.00	1.00	0.00	7.75	21.47	2.00	0.00	1.00	0.00
7.76	21.47	2.00	0.00	1.00	0.00	7.77	21.47	2.00	0.00	1.00	0.00
7.78	21.45	2.00	0.00	1.00	0.00	7.79	21.45	2.00	0.00	1.00	0.00
7.80	21.47	2.00	0.00	1.00	0.00	7.81	21.47	2.00	0.00	1.00	0.00
7.82	21.47	2.00	0.00	1.00	0.00	7.83	21.45	2.00	0.00	1.00	0.00
7.84	21.44	2.00	0.00	1.00	0.00	7.85	21.51	2.00	0.00	1.00	0.00
7.86	21.59	2.00	0.00	1.00	0.00	7.87	21.67	2.00	0.00	1.00	0.00
7.88	21.67	2.00	0.00	1.00	0.00	7.89	21.65	2.00	0.00	1.00	0.00
7.90	21.55	2.00	0.00	1.00	0.00	7.91	21.60	2.00	0.00	1.00	0.00
7.92	21.66	2.00	0.00	1.00	0.00	7.93	21.77	2.00	0.00	1.00	0.00
7.94	21.70	2.00	0.00	1.00	0.00	7.95	21.71	2.00	0.00	1.00	0.00
7.96	21.71	2.00	0.00	1.00	0.00	7.97	21.71	2.00	0.00	1.00	0.00
7.98	21.71	2.00	0.00	1.00	0.00	7.99	21.71	2.00	0.00	1.00	0.00
8.00	21.64	2.00	0.00	1.00	0.00	8.01	21.64	2.00	0.00	1.00	0.00
8.02	21.64	2.00	0.00	1.00	0.00	8.03	21.71	2.00	0.00	1.00	0.00
8.04	21.70	2.00	0.00	1.00	0.00	8.05	21.63	2.00	0.00	1.00	0.00
8.06	21.56	2.00	0.00	1.00	0.00	8.07	21.49	2.00	0.00	1.00	0.00
8.08	21.42	2.00	0.00	1.00	0.00	8.09	21.34	2.00	0.00	1.00	0.00
8.10	21.27	2.00	0.00	1.00	0.00	8.11	21.19	2.00	0.00	1.00	0.00
8.12	21.19	2.00	0.00	1.00	0.00	8.13	21.19	2.00	0.00	1.00	0.00
8.14	21.26	2.00	0.00	1.00	0.00	8.15	21.34	2.00	0.00	1.00	0.00
8.16	21.41	2.00	0.00	1.00	0.00	8.17	21.48	2.00	0.00	1.00	0.00
8.18	21.55	2.00	0.00	1.00	0.00	8.19	21.65	2.00	0.00	1.00	0.00
8.20	21.71	2.00	0.00	1.00	0.00	8.21	21.71	2.00	0.00	1.00	0.00
8.22	21.68	2.00	0.00	1.00	0.00	8.23	21.68	2.00	0.00	1.00	0.00
8.24	21.68	2.00	0.00	1.00	0.00	8.25	21.68	2.00	0.00	1.00	0.00
8.26	21.74	2.00	0.00	1.00	0.00	8.27	21.81	2.00	0.00	1.00	0.00
8.28	21.87	2.00	0.00	1.00	0.00	8.29	22.00	2.00	0.00	1.00	0.00
8.30	22.20	2.00	0.00	1.00	0.00	8.31	22.50	2.00	0.00	1.00	0.00
8.32	22.76	2.00	0.00	1.00	0.00	8.33	23.12	2.00	0.00	1.00	0.00
8.34	23.41	2.00	0.00	1.00	0.00	8.35	23.54	2.00	0.00	1.00	0.00
8.36	23.57	2.00	0.00	1.00	0.00	8.37	24.04	2.00	0.00	1.00	0.00
8.38	26.08	2.00	0.00	1.00	0.00	8.39	24.90	2.00	0.00	1.00	0.00
8.40	22.62	2.00	0.00	1.00	0.00	8.41	23.11	2.00	0.00	1.00	0.00
8.42	23.59	2.00	0.00	1.00	0.00	8.43	23.45	2.00	0.00	1.00	0.00
8.44	23.49	2.00	0.00	1.00	0.00	8.45	23.70	2.00	0.00	1.00	0.00
8.46	23.98	2.00	0.00	1.00	0.00	8.47	24.25	2.00	0.00	1.00	0.00
8.48	24.58	2.00	0.00	1.00	0.00	8.49	25.05	2.00	0.00	1.00	0.00
8.50	24.93	2.00	0.00	1.00	0.00	8.51	24.63	2.00	0.00	1.00	0.00
8.52	23.89	2.00	0.00	1.00	0.00	8.53	22.98	2.00	0.00	1.00	0.00
8.54	22.12	2.00	0.00	1.00	0.00	8.55	21.89	2.00	0.00	1.00	0.00
8.56	21.96	2.00	0.00	1.00	0.00	8.57	21.94	2.00	0.00	1.00	0.00
8.58	22.01	2.00	0.00	1.00	0.00	8.59	22.09	2.00	0.00	1.00	0.00
8.60	22.25	2.00	0.00	1.00	0.00	8.61	22.92	2.00	0.00	1.00	0.00
8.62	24.13	2.00	0.00	1.00	0.00	8.63	25.76	2.00	0.00	1.00	0.00
8.64	25.91	2.00	0.00	1.00	0.00	8.65	26.06	2.00	0.00	1.00	0.00
8.66	26.06	2.00	0.00	1.00	0.00	8.67	26.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	25.89	2.00	0.00	1.00	0.00	8.69	25.73	2.00	0.00	1.00	0.00
8.70	25.57	2.00	0.00	1.00	0.00	8.71	25.57	2.00	0.00	1.00	0.00
8.72	24.09	2.00	0.00	1.00	0.00	8.73	23.27	2.00	0.00	1.00	0.00
8.74	23.84	2.00	0.00	1.00	0.00	8.75	26.81	2.00	0.00	1.00	0.00
8.76	32.77	2.00	0.00	1.00	0.00	8.77	25.22	2.00	0.00	1.00	0.00
8.78	25.37	2.00	0.00	1.00	0.00	8.79	25.65	2.00	0.00	1.00	0.00
8.80	28.80	2.00	0.00	1.00	0.00	8.81	29.16	2.00	0.00	1.00	0.00
8.82	35.15	2.00	0.00	1.00	0.00	8.83	35.14	2.00	0.00	1.00	0.00
8.84	29.34	2.00	0.00	1.00	0.00	8.85	25.18	2.00	0.00	1.00	0.00
8.86	23.75	2.00	0.00	1.00	0.00	8.87	22.61	2.00	0.00	1.00	0.00
8.88	22.56	2.00	0.00	1.00	0.00	8.89	22.85	2.00	0.00	1.00	0.00
8.90	22.99	2.00	0.00	1.00	0.00	8.91	22.75	2.00	0.00	1.00	0.00
8.92	22.61	2.00	0.00	1.00	0.00	8.93	22.55	2.00	0.00	1.00	0.00
8.94	22.62	2.00	0.00	1.00	0.00	8.95	22.67	2.00	0.00	1.00	0.00
8.96	22.73	2.00	0.00	1.00	0.00	8.97	22.75	2.00	0.00	1.00	0.00
8.98	22.75	2.00	0.00	1.00	0.00	8.99	22.91	2.00	0.00	1.00	0.00
9.00	23.16	2.00	0.00	1.00	0.00	9.01	23.62	2.00	0.00	1.00	0.00
9.02	23.54	2.00	0.00	1.00	0.00	9.03	23.46	2.00	0.00	1.00	0.00
9.04	23.37	2.00	0.00	1.00	0.00	9.05	23.29	2.00	0.00	1.00	0.00
9.06	23.02	2.00	0.00	1.00	0.00	9.07	22.94	2.00	0.00	1.00	0.00
9.08	22.81	2.00	0.00	1.00	0.00	9.09	22.71	2.00	0.00	1.00	0.00
9.10	22.64	2.00	0.00	1.00	0.00	9.11	22.78	2.00	0.00	1.00	0.00
9.12	22.85	2.00	0.00	1.00	0.00	9.13	22.99	2.00	0.00	1.00	0.00
9.14	23.04	2.00	0.00	1.00	0.00	9.15	23.15	2.00	0.00	1.00	0.00
9.16	23.34	2.00	0.00	1.00	0.00	9.17	23.54	2.00	0.00	1.00	0.00
9.18	23.96	2.00	0.00	1.00	0.00	9.19	24.22	2.00	0.00	1.00	0.00
9.20	24.22	2.00	0.00	1.00	0.00	9.21	25.28	2.00	0.00	1.00	0.00
9.22	28.42	2.00	0.00	1.00	0.00	9.23	-1.00	2.00	0.00	1.00	0.00
9.24	38.51	2.00	0.00	1.00	0.00	9.25	25.70	2.00	0.00	1.00	0.00
9.26	23.46	2.00	0.00	1.00	0.00	9.27	23.04	2.00	0.00	1.00	0.00
9.28	23.19	2.00	0.00	1.00	0.00	9.29	23.77	2.00	0.00	1.00	0.00
9.30	24.53	2.00	0.00	1.00	0.00	9.31	25.18	2.00	0.00	1.00	0.00
9.32	25.57	2.00	0.00	1.00	0.00	9.33	25.92	2.00	0.00	1.00	0.00
9.34	26.16	2.00	0.00	1.00	0.00	9.35	26.08	2.00	0.00	1.00	0.00
9.36	25.83	2.00	0.00	1.00	0.00	9.37	25.59	2.00	0.00	1.00	0.00
9.38	25.42	2.00	0.00	1.00	0.00	9.39	25.19	2.00	0.00	1.00	0.00
9.40	25.07	2.00	0.00	1.00	0.00	9.41	25.10	2.00	0.00	1.00	0.00
9.42	24.96	2.00	0.00	1.00	0.00	9.43	24.66	2.00	0.00	1.00	0.00
9.44	24.27	2.00	0.00	1.00	0.00	9.45	24.10	2.00	0.00	1.00	0.00
9.46	24.10	2.00	0.00	1.00	0.00	9.47	24.16	2.00	0.00	1.00	0.00
9.48	24.05	2.00	0.00	1.00	0.00	9.49	23.93	2.00	0.00	1.00	0.00
9.50	23.78	2.00	0.00	1.00	0.00	9.51	23.81	2.00	0.00	1.00	0.00
9.52	24.03	2.00	0.00	1.00	0.00	9.53	24.40	2.00	0.00	1.00	0.00
9.54	24.70	2.00	0.00	1.00	0.00	9.55	24.90	2.00	0.00	1.00	0.00
9.56	25.12	2.00	0.00	1.00	0.00	9.57	25.60	2.00	0.00	1.00	0.00
9.58	26.34	2.00	0.00	1.00	0.00	9.59	26.93	2.00	0.00	1.00	0.00
9.60	27.21	2.00	0.00	1.00	0.00	9.61	27.32	2.00	0.00	1.00	0.00
9.62	27.35	2.00	0.00	1.00	0.00	9.63	27.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	27.19	2.00	0.00	1.00	0.00	9.65	27.10	2.00	0.00	1.00	0.00
9.66	27.05	2.00	0.00	1.00	0.00	9.67	26.84	2.00	0.00	1.00	0.00
9.68	26.50	2.00	0.00	1.00	0.00	9.69	26.08	2.00	0.00	1.00	0.00
9.70	25.58	2.00	0.00	1.00	0.00	9.71	25.34	2.00	0.00	1.00	0.00
9.72	25.22	2.00	0.00	1.00	0.00	9.73	25.43	2.00	0.00	1.00	0.00
9.74	25.35	2.00	0.00	1.00	0.00	9.75	25.18	2.00	0.00	1.00	0.00
9.76	25.13	2.00	0.00	1.00	0.00	9.77	25.37	2.00	0.00	1.00	0.00
9.78	25.74	2.00	0.00	1.00	0.00	9.79	25.97	2.00	0.00	1.00	0.00
9.80	26.07	2.00	0.00	1.00	0.00	9.81	26.34	2.00	0.00	1.00	0.00
9.82	27.09	2.00	0.00	1.00	0.00	9.83	27.81	2.00	0.00	1.00	0.00
9.84	28.49	2.00	0.00	1.00	0.00	9.85	29.00	2.00	0.00	1.00	0.00
9.86	29.54	2.00	0.00	1.00	0.00	9.87	29.77	2.00	0.00	1.00	0.00
9.88	29.71	2.00	0.00	1.00	0.00	9.89	29.60	2.00	0.00	1.00	0.00
9.90	27.68	2.00	0.00	1.00	0.00	9.91	25.64	2.00	0.00	1.00	0.00
9.92	24.58	2.00	0.00	1.00	0.00	9.93	24.68	2.00	0.00	1.00	0.00
9.94	25.06	2.00	0.00	1.00	0.00	9.95	26.07	2.00	0.00	1.00	0.00
9.96	24.38	2.00	0.00	1.00	0.00	9.97	25.11	2.00	0.00	1.00	0.00
9.98	27.39	2.00	0.00	1.00	0.00	9.99	29.84	2.00	0.00	1.00	0.00
10.00	31.43	2.00	0.00	1.00	0.00	10.01	32.23	2.00	0.00	1.00	0.00
10.02	33.91	2.00	0.00	1.00	0.00	10.03	36.07	2.00	0.00	1.00	0.00
10.04	38.57	2.00	0.00	1.00	0.00	10.05	41.65	2.00	0.00	1.00	0.00
10.06	45.20	2.00	0.00	1.00	0.00	10.07	49.03	2.00	0.00	1.00	0.00
10.08	53.02	2.00	0.00	1.00	0.00	10.09	56.82	2.00	0.00	1.00	0.00
10.10	60.20	2.00	0.00	1.00	0.00	10.11	62.51	2.00	0.00	1.00	0.00
10.12	64.63	2.00	0.00	1.00	0.00	10.13	67.25	2.00	0.00	1.00	0.00
10.14	71.68	2.00	0.00	1.00	0.00	10.15	76.40	2.00	0.00	1.00	0.00
10.16	81.10	2.00	0.00	1.00	0.00	10.17	84.97	2.00	0.00	1.00	0.00
10.18	88.39	2.00	0.00	1.00	0.00	10.19	91.21	2.00	0.00	1.00	0.00
10.20	93.13	2.00	0.00	1.00	0.00	10.21	94.12	2.00	0.00	1.00	0.00
10.22	94.36	2.00	0.00	1.00	0.00	10.23	93.84	2.00	0.00	1.00	0.00
10.24	93.62	2.00	0.00	1.00	0.00	10.25	93.33	2.00	0.00	1.00	0.00
10.26	93.34	2.00	0.00	1.00	0.00	10.27	93.20	2.00	0.00	1.00	0.00
10.28	93.05	2.00	0.00	1.00	0.00	10.29	93.17	2.00	0.00	1.00	0.00
10.30	93.40	2.00	0.00	1.00	0.00	10.31	93.56	2.00	0.00	1.00	0.00
10.32	92.01	2.00	0.00	1.00	0.00	10.33	89.46	2.00	0.00	1.00	0.00
10.34	86.41	2.00	0.00	1.00	0.00	10.35	84.88	2.00	0.00	1.00	0.00
10.36	83.55	2.00	0.00	1.00	0.00	10.37	82.22	2.00	0.00	1.00	0.00
10.38	81.85	2.00	0.00	1.00	0.00	10.39	82.72	2.00	0.00	1.00	0.00
10.40	84.71	2.00	0.00	1.00	0.00	10.41	88.42	2.00	0.00	1.00	0.00
10.42	92.20	2.00	0.00	1.00	0.00	10.43	95.97	2.00	0.00	1.00	0.00
10.44	99.38	2.00	0.00	1.00	0.00	10.45	103.25	2.00	0.00	1.00	0.00
10.46	107.39	2.00	0.00	1.00	0.00	10.47	110.68	2.00	0.00	1.00	0.00
10.48	111.98	2.00	0.00	1.00	0.00	10.49	112.23	2.00	0.00	1.00	0.00
10.50	112.31	2.00	0.00	1.00	0.00	10.51	114.00	2.00	0.00	1.00	0.00
10.52	115.93	2.00	0.00	1.00	0.00	10.53	118.03	2.00	0.00	1.00	0.00
10.54	119.82	2.00	0.00	1.00	0.00	10.55	122.20	2.00	0.00	1.00	0.00
10.56	124.48	2.00	0.00	1.00	0.00	10.57	126.47	2.00	0.00	1.00	0.00
10.58	128.16	2.00	0.00	1.00	0.00	10.59	128.82	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	127.91	2.00	0.00	1.00	0.00	10.61	125.31	2.00	0.00	1.00	0.00
10.62	122.10	2.00	0.00	1.00	0.00	10.63	121.01	2.00	0.00	1.00	0.00
10.64	121.30	2.00	0.00	1.00	0.00	10.65	123.20	2.00	0.00	1.00	0.00
10.66	126.39	2.00	0.00	1.00	0.00	10.67	129.63	2.00	0.00	1.00	0.00
10.68	133.23	2.00	0.00	1.00	0.00	10.69	137.40	2.00	0.00	1.00	0.00
10.70	141.85	2.00	0.00	1.00	0.00	10.71	146.03	2.00	0.00	1.00	0.00
10.72	149.00	2.00	0.00	1.00	0.00	10.73	152.11	2.00	0.00	1.00	0.00
10.74	155.30	2.00	0.00	1.00	0.00	10.75	157.02	2.00	0.00	1.00	0.00
10.76	158.90	2.00	0.00	1.00	0.00	10.77	160.51	2.00	0.00	1.00	0.00
10.78	162.53	2.00	0.00	1.00	0.00	10.79	163.48	2.00	0.00	1.00	0.00
10.80	163.12	2.00	0.00	1.00	0.00	10.81	161.81	2.00	0.00	1.00	0.00
10.82	160.30	2.00	0.00	1.00	0.00	10.83	158.58	2.00	0.00	1.00	0.00
10.84	156.59	2.00	0.00	1.00	0.00	10.85	153.49	2.00	0.00	1.00	0.00
10.86	150.07	2.00	0.00	1.00	0.00	10.87	145.98	2.00	0.00	1.00	0.00
10.88	143.59	2.00	0.00	1.00	0.00	10.89	142.22	2.00	0.00	1.00	0.00
10.90	134.89	2.00	0.00	1.00	0.00	10.91	123.69	2.00	0.00	1.00	0.00
10.92	108.76	2.00	0.00	1.00	0.00	10.93	102.01	2.00	0.00	1.00	0.00
10.94	96.33	0.85	1.66	1.00	0.02	10.95	92.19	0.80	2.29	1.00	0.02
10.96	90.76	0.78	2.34	1.00	0.02	10.97	90.70	0.78	2.34	1.00	0.02
10.98	92.29	0.80	2.28	1.00	0.02	10.99	96.57	0.86	1.65	1.00	0.02
11.00	100.27	0.91	1.56	1.00	0.02	11.01	107.03	1.02	0.83	1.00	0.01
11.02	113.17	1.13	0.51	1.00	0.01	11.03	121.36	2.00	0.00	1.00	0.00
11.04	127.08	2.00	0.00	1.00	0.00	11.05	133.83	2.00	0.00	1.00	0.00
11.06	141.28	2.00	0.00	1.00	0.00	11.07	148.54	2.00	0.00	1.00	0.00
11.08	153.65	2.00	0.00	1.00	0.00	11.09	156.53	2.00	0.00	1.00	0.00
11.10	158.25	2.00	0.00	1.00	0.00	11.11	160.46	2.00	0.00	1.00	0.00
11.12	161.96	2.00	0.00	1.00	0.00	11.13	162.65	2.00	0.00	1.00	0.00
11.14	161.47	2.00	0.00	1.00	0.00	11.15	160.12	2.00	0.00	1.00	0.00
11.16	159.02	2.00	0.00	1.00	0.00	11.17	158.62	2.00	0.00	1.00	0.00
11.18	158.05	2.00	0.00	1.00	0.00	11.19	157.72	2.00	0.00	1.00	0.00
11.20	157.45	2.00	0.00	1.00	0.00	11.21	157.16	2.00	0.00	1.00	0.00
11.22	156.42	2.00	0.00	1.00	0.00	11.23	154.04	2.00	0.00	1.00	0.00
11.24	151.36	2.00	0.00	1.00	0.00	11.25	147.78	2.00	0.00	1.00	0.00
11.26	143.77	2.00	0.00	1.00	0.00	11.27	140.04	2.00	0.00	1.00	0.00
11.28	137.16	2.00	0.00	1.00	0.00	11.29	136.08	2.00	0.00	1.00	0.00
11.30	135.18	2.00	0.00	1.00	0.00	11.31	134.63	2.00	0.00	1.00	0.00
11.32	134.51	2.00	0.00	1.00	0.00	11.33	134.57	2.00	0.00	1.00	0.00
11.34	134.26	2.00	0.00	1.00	0.00	11.35	133.75	2.00	0.00	1.00	0.00
11.36	133.41	2.00	0.00	1.00	0.00	11.37	133.23	2.00	0.00	1.00	0.00
11.38	132.61	2.00	0.00	1.00	0.00	11.39	131.55	2.00	0.00	1.00	0.00
11.40	129.90	2.00	0.00	1.00	0.00	11.41	128.12	2.00	0.00	1.00	0.00
11.42	125.66	2.00	0.00	1.00	0.00	11.43	121.75	2.00	0.00	1.00	0.00
11.44	117.58	2.00	0.00	1.00	0.00	11.45	113.82	1.16	0.37	1.00	0.00
11.46	111.72	1.12	0.51	1.00	0.01	11.47	110.20	1.10	0.52	1.00	0.01
11.48	109.28	1.08	0.52	1.00	0.01	11.49	109.65	1.09	0.52	1.00	0.01
11.50	110.78	1.11	0.52	1.00	0.01	11.51	112.12	2.00	0.00	1.00	0.00
11.52	112.88	2.00	0.00	1.00	0.00	11.53	113.49	2.00	0.00	1.00	0.00
11.54	114.87	2.00	0.00	1.00	0.00	11.55	116.56	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	117.96	2.00	0.00	1.00	0.00	11.57	119.03	2.00	0.00	1.00	0.00
11.58	120.19	2.00	0.00	1.00	0.00	11.59	121.64	2.00	0.00	1.00	0.00
11.60	122.62	1.36	0.00	1.00	0.00	11.61	123.12	1.37	0.00	1.00	0.00
11.62	122.99	1.37	0.00	1.00	0.00	11.63	121.14	1.33	0.25	1.00	0.00
11.64	117.43	1.25	0.36	1.00	0.00	11.65	112.41	1.15	0.51	1.00	0.01
11.66	107.35	1.06	0.53	1.00	0.01	11.67	103.11	0.99	0.86	1.00	0.01
11.68	99.04	0.92	1.59	1.00	0.02	11.69	96.05	0.88	1.66	1.00	0.02
11.70	94.45	0.86	1.71	1.00	0.02	11.71	95.36	2.00	0.00	1.00	0.00
11.72	97.08	2.00	0.00	1.00	0.00	11.73	98.57	2.00	0.00	1.00	0.00
11.74	99.43	2.00	0.00	1.00	0.00	11.75	100.75	2.00	0.00	1.00	0.00
11.76	101.96	2.00	0.00	1.00	0.00	11.77	102.80	2.00	0.00	1.00	0.00
11.78	103.10	2.00	0.00	1.00	0.00	11.79	104.31	2.00	0.00	1.00	0.00
11.80	104.76	2.00	0.00	1.00	0.00	11.81	104.43	2.00	0.00	1.00	0.00
11.82	102.79	2.00	0.00	1.00	0.00	11.83	101.27	2.00	0.00	1.00	0.00
11.84	99.42	2.00	0.00	1.00	0.00	11.85	97.01	2.00	0.00	1.00	0.00
11.86	94.55	2.00	0.00	1.00	0.00	11.87	93.04	2.00	0.00	1.00	0.00
11.88	92.45	2.00	0.00	1.00	0.00	11.89	92.48	2.00	0.00	1.00	0.00
11.90	93.80	2.00	0.00	1.00	0.00	11.91	97.18	2.00	0.00	1.00	0.00
11.92	100.61	2.00	0.00	1.00	0.00	11.93	102.74	2.00	0.00	1.00	0.00
11.94	102.97	2.00	0.00	1.00	0.00	11.95	103.62	2.00	0.00	1.00	0.00
11.96	104.99	2.00	0.00	1.00	0.00	11.97	107.91	2.00	0.00	1.00	0.00
11.98	111.06	2.00	0.00	1.00	0.00	11.99	114.14	2.00	0.00	1.00	0.00
12.00	116.09	2.00	0.00	1.00	0.00	12.01	117.67	2.00	0.00	1.00	0.00
12.02	118.79	2.00	0.00	1.00	0.00	12.03	119.71	2.00	0.00	1.00	0.00
12.04	120.80	2.00	0.00	1.00	0.00	12.05	122.23	2.00	0.00	1.00	0.00
12.06	124.38	2.00	0.00	1.00	0.00	12.07	126.90	2.00	0.00	1.00	0.00
12.08	129.41	2.00	0.00	1.00	0.00	12.09	130.67	2.00	0.00	1.00	0.00
12.10	130.64	2.00	0.00	1.00	0.00	12.11	129.76	2.00	0.00	1.00	0.00
12.12	128.78	2.00	0.00	1.00	0.00	12.13	127.70	2.00	0.00	1.00	0.00
12.14	126.56	2.00	0.00	1.00	0.00	12.15	128.05	2.00	0.00	1.00	0.00
12.16	130.09	2.00	0.00	1.00	0.00	12.17	131.77	2.00	0.00	1.00	0.00
12.18	131.03	2.00	0.00	1.00	0.00	12.19	129.32	2.00	0.00	1.00	0.00
12.20	127.23	2.00	0.00	1.00	0.00	12.21	124.91	2.00	0.00	1.00	0.00
12.22	122.55	2.00	0.00	1.00	0.00	12.23	119.72	2.00	0.00	1.00	0.00
12.24	117.53	2.00	0.00	1.00	0.00	12.25	115.79	2.00	0.00	1.00	0.00
12.26	115.36	2.00	0.00	1.00	0.00	12.27	114.83	2.00	0.00	1.00	0.00
12.28	114.52	2.00	0.00	1.00	0.00	12.29	113.24	2.00	0.00	1.00	0.00
12.30	111.91	2.00	0.00	1.00	0.00	12.31	110.39	2.00	0.00	1.00	0.00
12.32	109.51	2.00	0.00	1.00	0.00	12.33	107.90	2.00	0.00	1.00	0.00
12.34	106.50	2.00	0.00	1.00	0.00	12.35	105.33	2.00	0.00	1.00	0.00
12.36	105.29	2.00	0.00	1.00	0.00	12.37	106.08	2.00	0.00	1.00	0.00
12.38	107.63	2.00	0.00	1.00	0.00	12.39	109.33	2.00	0.00	1.00	0.00
12.40	110.76	2.00	0.00	1.00	0.00	12.41	113.00	2.00	0.00	1.00	0.00
12.42	115.76	2.00	0.00	1.00	0.00	12.43	118.97	2.00	0.00	1.00	0.00
12.44	122.44	2.00	0.00	1.00	0.00	12.45	126.05	2.00	0.00	1.00	0.00
12.46	129.67	2.00	0.00	1.00	0.00	12.47	132.34	2.00	0.00	1.00	0.00
12.48	134.21	2.00	0.00	1.00	0.00	12.49	135.49	2.00	0.00	1.00	0.00
12.50	136.84	2.00	0.00	1.00	0.00	12.51	137.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	138.74	2.00	0.00	1.00	0.00	12.53	138.75	2.00	0.00	1.00	0.00
12.54	138.65	2.00	0.00	1.00	0.00	12.55	138.26	2.00	0.00	1.00	0.00
12.56	137.55	2.00	0.00	1.00	0.00	12.57	137.16	2.00	0.00	1.00	0.00
12.58	137.12	2.00	0.00	1.00	0.00	12.59	137.39	2.00	0.00	1.00	0.00
12.60	137.69	2.00	0.00	1.00	0.00	12.61	138.07	2.00	0.00	1.00	0.00
12.62	138.49	2.00	0.00	1.00	0.00	12.63	137.94	2.00	0.00	1.00	0.00
12.64	136.69	2.00	0.00	1.00	0.00	12.65	135.07	2.00	0.00	1.00	0.00
12.66	133.40	2.00	0.00	1.00	0.00	12.67	131.89	2.00	0.00	1.00	0.00
12.68	130.37	2.00	0.00	1.00	0.00	12.69	129.25	2.00	0.00	1.00	0.00
12.70	128.21	2.00	0.00	1.00	0.00	12.71	126.99	2.00	0.00	1.00	0.00
12.72	125.46	2.00	0.00	1.00	0.00	12.73	123.81	2.00	0.00	1.00	0.00
12.74	122.27	2.00	0.00	1.00	0.00	12.75	120.74	2.00	0.00	1.00	0.00
12.76	118.77	2.00	0.00	1.00	0.00	12.77	117.51	2.00	0.00	1.00	0.00
12.78	117.35	2.00	0.00	1.00	0.00	12.79	117.59	2.00	0.00	1.00	0.00
12.80	117.49	2.00	0.00	1.00	0.00	12.81	116.75	2.00	0.00	1.00	0.00
12.82	116.44	2.00	0.00	1.00	0.00	12.83	116.37	2.00	0.00	1.00	0.00
12.84	116.50	2.00	0.00	1.00	0.00	12.85	116.67	2.00	0.00	1.00	0.00
12.86	116.55	2.00	0.00	1.00	0.00	12.87	116.28	2.00	0.00	1.00	0.00
12.88	115.94	2.00	0.00	1.00	0.00	12.89	115.70	2.00	0.00	1.00	0.00
12.90	114.29	2.00	0.00	1.00	0.00	12.91	113.07	2.00	0.00	1.00	0.00
12.92	111.77	2.00	0.00	1.00	0.00	12.93	111.79	2.00	0.00	1.00	0.00
12.94	111.91	2.00	0.00	1.00	0.00	12.95	111.97	2.00	0.00	1.00	0.00
12.96	111.89	2.00	0.00	1.00	0.00	12.97	111.85	2.00	0.00	1.00	0.00
12.98	111.92	2.00	0.00	1.00	0.00	12.99	112.04	2.00	0.00	1.00	0.00
13.00	111.17	2.00	0.00	1.00	0.00	13.01	109.65	2.00	0.00	1.00	0.00
13.02	107.53	2.00	0.00	1.00	0.00	13.03	105.44	2.00	0.00	1.00	0.00
13.04	103.15	2.00	0.00	1.00	0.00	13.05	100.53	2.00	0.00	1.00	0.00
13.06	98.03	2.00	0.00	1.00	0.00	13.07	95.28	2.00	0.00	1.00	0.00
13.08	92.08	2.00	0.00	1.00	0.00	13.09	89.05	2.00	0.00	1.00	0.00
13.10	86.34	2.00	0.00	1.00	0.00	13.11	84.16	2.00	0.00	1.00	0.00
13.12	81.34	2.00	0.00	1.00	0.00	13.13	78.50	2.00	0.00	1.00	0.00
13.14	76.15	2.00	0.00	1.00	0.00	13.15	75.00	2.00	0.00	1.00	0.00
13.16	75.78	2.00	0.00	1.00	0.00	13.17	80.80	2.00	0.00	1.00	0.00
13.18	87.03	2.00	0.00	1.00	0.00	13.19	94.29	2.00	0.00	1.00	0.00
13.20	99.51	2.00	0.00	1.00	0.00	13.21	104.64	2.00	0.00	1.00	0.00
13.22	107.34	2.00	0.00	1.00	0.00	13.23	107.94	2.00	0.00	1.00	0.00
13.24	106.80	2.00	0.00	1.00	0.00	13.25	105.62	2.00	0.00	1.00	0.00
13.26	104.96	2.00	0.00	1.00	0.00	13.27	104.71	2.00	0.00	1.00	0.00
13.28	104.89	2.00	0.00	1.00	0.00	13.29	104.57	2.00	0.00	1.00	0.00
13.30	103.51	2.00	0.00	1.00	0.00	13.31	101.39	2.00	0.00	1.00	0.00
13.32	98.10	2.00	0.00	1.00	0.00	13.33	94.65	2.00	0.00	1.00	0.00
13.34	91.56	2.00	0.00	1.00	0.00	13.35	90.60	2.00	0.00	1.00	0.00
13.36	90.38	2.00	0.00	1.00	0.00	13.37	90.72	2.00	0.00	1.00	0.00
13.38	91.40	2.00	0.00	1.00	0.00	13.39	92.50	2.00	0.00	1.00	0.00
13.40	93.74	2.00	0.00	1.00	0.00	13.41	95.30	2.00	0.00	1.00	0.00
13.42	96.86	2.00	0.00	1.00	0.00	13.43	99.17	2.00	0.00	1.00	0.00
13.44	101.49	2.00	0.00	1.00	0.00	13.45	103.32	2.00	0.00	1.00	0.00
13.46	103.94	2.00	0.00	1.00	0.00	13.47	103.82	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	103.77	2.00	0.00	1.00	0.00	13.49	104.13	2.00	0.00	1.00	0.00
13.50	104.75	2.00	0.00	1.00	0.00	13.51	106.29	2.00	0.00	1.00	0.00
13.52	108.48	2.00	0.00	1.00	0.00	13.53	110.79	2.00	0.00	1.00	0.00
13.54	112.71	2.00	0.00	1.00	0.00	13.55	113.70	2.00	0.00	1.00	0.00
13.56	113.88	2.00	0.00	1.00	0.00	13.57	113.15	2.00	0.00	1.00	0.00
13.58	111.84	2.00	0.00	1.00	0.00	13.59	110.28	2.00	0.00	1.00	0.00
13.60	108.69	2.00	0.00	1.00	0.00	13.61	107.01	2.00	0.00	1.00	0.00
13.62	105.35	2.00	0.00	1.00	0.00	13.63	104.12	2.00	0.00	1.00	0.00
13.64	103.15	2.00	0.00	1.00	0.00	13.65	101.70	2.00	0.00	1.00	0.00
13.66	98.84	2.00	0.00	1.00	0.00	13.67	95.75	2.00	0.00	1.00	0.00
13.68	93.01	2.00	0.00	1.00	0.00	13.69	91.06	2.00	0.00	1.00	0.00
13.70	88.64	2.00	0.00	1.00	0.00	13.71	86.47	0.84	2.51	1.00	0.03
13.72	84.92	0.82	2.58	1.00	0.03	13.73	86.44	0.84	2.51	1.00	0.03
13.74	89.03	0.87	1.86	1.00	0.02	13.75	91.78	0.91	1.78	1.00	0.02
13.76	91.58	2.00	0.00	1.00	0.00	13.77	90.25	2.00	0.00	1.00	0.00
13.78	87.76	2.00	0.00	1.00	0.00	13.79	84.74	2.00	0.00	1.00	0.00
13.80	82.11	0.79	2.71	1.00	0.03	13.81	81.48	0.78	2.74	1.00	0.03
13.82	83.58	0.81	2.64	1.00	0.03	13.83	86.98	0.85	1.93	1.00	0.02
13.84	90.96	0.90	1.80	1.00	0.02	13.85	93.91	0.95	1.72	1.00	0.02
13.86	96.33	0.98	0.91	1.00	0.01	13.87	98.10	1.01	0.90	1.00	0.01
13.88	98.69	1.02	0.89	1.00	0.01	13.89	98.86	1.03	0.89	1.00	0.01
13.90	97.04	1.00	0.91	1.00	0.01	13.91	95.32	0.97	0.92	1.00	0.01
13.92	93.55	0.95	1.73	1.00	0.02	13.93	93.33	0.94	1.74	1.00	0.02
13.94	83.89	0.82	2.63	1.00	0.03	13.95	83.84	0.82	2.63	1.00	0.03
13.96	83.72	0.82	2.63	1.00	0.03	13.97	83.76	0.82	2.63	1.00	0.03
13.98	84.02	0.82	2.62	1.00	0.03	13.99	84.64	0.83	2.59	1.00	0.03
14.00	85.39	0.84	2.56	1.00	0.03	14.01	86.24	0.85	2.52	1.00	0.03
14.02	87.34	0.86	1.92	1.00	0.02	14.03	88.54	0.88	1.88	1.00	0.02
14.04	89.71	0.90	1.84	1.00	0.02	14.05	90.83	0.91	1.81	1.00	0.02
14.06	91.96	0.93	1.78	1.00	0.02	14.07	93.12	0.95	1.74	1.00	0.02
14.08	94.30	0.96	0.93	1.00	0.01	14.09	95.55	0.98	0.92	1.00	0.01
14.10	97.33	1.01	0.91	1.00	0.01	14.11	98.90	1.04	0.89	1.00	0.01
14.12	100.78	1.07	0.55	1.00	0.01	14.13	102.06	1.09	0.54	1.00	0.01
14.14	103.21	1.12	0.54	1.00	0.01	14.15	103.85	1.13	0.54	1.00	0.01
14.16	104.15	1.13	0.54	1.00	0.01	14.17	104.14	1.13	0.54	1.00	0.01
14.18	103.41	1.12	0.54	1.00	0.01	14.19	102.61	1.11	0.54	1.00	0.01
14.20	101.60	1.09	0.55	1.00	0.01	14.21	100.90	1.08	0.55	1.00	0.01
14.22	100.10	1.07	0.55	1.00	0.01	14.23	99.53	1.06	0.55	1.00	0.01
14.24	99.71	1.06	0.55	1.00	0.01	14.25	100.76	1.08	0.55	1.00	0.01
14.26	102.13	1.10	0.54	1.00	0.01	14.27	103.23	1.12	0.54	1.00	0.01
14.28	103.50	1.13	0.54	1.00	0.01	14.29	109.38	1.24	0.38	1.00	0.00
14.30	109.30	1.24	0.38	1.00	0.00	14.31	107.81	1.21	0.38	1.00	0.00
14.32	105.68	1.17	0.39	1.00	0.00	14.33	102.91	1.12	0.54	1.00	0.01
14.34	99.16	1.06	0.55	1.00	0.01	14.35	94.80	0.99	0.93	1.00	0.01
14.36	89.63	0.91	1.84	1.00	0.02	14.37	82.77	0.82	2.68	1.00	0.03
14.38	75.25	0.74	2.95	1.00	0.03	14.39	67.92	0.68	3.21	1.00	0.03
14.40	62.91	0.64	3.42	1.00	0.03	14.41	61.04	0.63	3.50	1.00	0.04
14.42	62.66	0.64	3.43	1.00	0.03	14.43	67.96	0.68	3.21	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	74.08	2.00	0.00	1.00	0.00	14.45	83.14	2.00	0.00	1.00	0.00
14.46	89.44	2.00	0.00	1.00	0.00	14.47	94.52	2.00	0.00	1.00	0.00
14.48	97.09	2.00	0.00	1.00	0.00	14.49	98.89	2.00	0.00	1.00	0.00
14.50	99.17	2.00	0.00	1.00	0.00	14.51	97.11	2.00	0.00	1.00	0.00
14.52	94.17	2.00	0.00	1.00	0.00	14.53	91.31	2.00	0.00	1.00	0.00
14.54	88.91	2.00	0.00	1.00	0.00	14.55	86.83	2.00	0.00	1.00	0.00
14.56	84.70	2.00	0.00	1.00	0.00	14.57	82.16	2.00	0.00	1.00	0.00
14.58	77.91	2.00	0.00	1.00	0.00	14.59	72.55	2.00	0.00	1.00	0.00
14.60	67.78	2.00	0.00	1.00	0.00	14.61	64.62	2.00	0.00	1.00	0.00
14.62	62.94	2.00	0.00	1.00	0.00	14.63	62.46	2.00	0.00	1.00	0.00
14.64	63.71	2.00	0.00	1.00	0.00	14.65	65.31	2.00	0.00	1.00	0.00
14.66	67.09	2.00	0.00	1.00	0.00	14.67	68.82	2.00	0.00	1.00	0.00
14.68	70.41	2.00	0.00	1.00	0.00	14.69	71.94	2.00	0.00	1.00	0.00
14.70	73.56	2.00	0.00	1.00	0.00	14.71	75.08	2.00	0.00	1.00	0.00
14.72	76.40	2.00	0.00	1.00	0.00	14.73	77.19	2.00	0.00	1.00	0.00
14.74	77.74	2.00	0.00	1.00	0.00	14.75	78.07	2.00	0.00	1.00	0.00
14.76	77.85	2.00	0.00	1.00	0.00	14.77	77.32	2.00	0.00	1.00	0.00
14.78	76.49	2.00	0.00	1.00	0.00	14.79	75.25	2.00	0.00	1.00	0.00
14.80	73.67	2.00	0.00	1.00	0.00	14.81	72.10	2.00	0.00	1.00	0.00
14.82	70.90	2.00	0.00	1.00	0.00	14.83	69.99	2.00	0.00	1.00	0.00
14.84	68.83	2.00	0.00	1.00	0.00	14.85	67.82	2.00	0.00	1.00	0.00
14.86	66.97	2.00	0.00	1.00	0.00	14.87	66.70	2.00	0.00	1.00	0.00
14.88	66.63	2.00	0.00	1.00	0.00	14.89	66.70	2.00	0.00	1.00	0.00
14.90	66.41	2.00	0.00	1.00	0.00	14.91	67.00	2.00	0.00	1.00	0.00
14.92	67.80	2.00	0.00	1.00	0.00	14.93	69.21	2.00	0.00	1.00	0.00
14.94	70.48	2.00	0.00	1.00	0.00	14.95	72.11	2.00	0.00	1.00	0.00
14.96	73.94	2.00	0.00	1.00	0.00	14.97	75.81	2.00	0.00	1.00	0.00
14.98	77.31	2.00	0.00	1.00	0.00	14.99	78.58	2.00	0.00	1.00	0.00
15.00	79.39	2.00	0.00	1.00	0.00	15.01	80.15	2.00	0.00	1.00	0.00
15.02	80.59	2.00	0.00	1.00	0.00	15.03	80.92	2.00	0.00	1.00	0.00
15.04	81.28	2.00	0.00	1.00	0.00	15.05	81.90	2.00	0.00	1.00	0.00
15.06	82.53	2.00	0.00	1.00	0.00	15.07	83.57	2.00	0.00	1.00	0.00
15.08	84.46	2.00	0.00	1.00	0.00	15.09	84.92	2.00	0.00	1.00	0.00
15.10	84.52	2.00	0.00	1.00	0.00	15.11	83.79	2.00	0.00	1.00	0.00
15.12	83.02	2.00	0.00	1.00	0.00	15.13	82.47	2.00	0.00	1.00	0.00
15.14	82.11	2.00	0.00	1.00	0.00	15.15	82.73	2.00	0.00	1.00	0.00
15.16	83.45	2.00	0.00	1.00	0.00	15.17	84.14	2.00	0.00	1.00	0.00
15.18	83.92	2.00	0.00	1.00	0.00	15.19	83.45	2.00	0.00	1.00	0.00
15.20	82.85	2.00	0.00	1.00	0.00	15.21	82.46	2.00	0.00	1.00	0.00
15.22	82.31	2.00	0.00	1.00	0.00	15.23	82.26	2.00	0.00	1.00	0.00
15.24	82.07	2.00	0.00	1.00	0.00	15.25	81.59	2.00	0.00	1.00	0.00
15.26	81.03	2.00	0.00	1.00	0.00	15.27	80.33	2.00	0.00	1.00	0.00
15.28	79.21	2.00	0.00	1.00	0.00	15.29	77.76	2.00	0.00	1.00	0.00
15.30	76.78	2.00	0.00	1.00	0.00	15.31	77.82	2.00	0.00	1.00	0.00
15.32	79.34	2.00	0.00	1.00	0.00	15.33	80.48	2.00	0.00	1.00	0.00
15.34	79.54	2.00	0.00	1.00	0.00	15.35	78.33	2.00	0.00	1.00	0.00
15.36	77.06	2.00	0.00	1.00	0.00	15.37	76.93	2.00	0.00	1.00	0.00
15.38	77.41	2.00	0.00	1.00	0.00	15.39	78.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	80.27	2.00	0.00	1.00	0.00	15.41	81.63	2.00	0.00	1.00	0.00
15.42	82.23	2.00	0.00	1.00	0.00	15.43	80.64	2.00	0.00	1.00	0.00
15.44	79.09	2.00	0.00	1.00	0.00	15.45	77.73	2.00	0.00	1.00	0.00
15.46	78.97	2.00	0.00	1.00	0.00	15.47	80.60	2.00	0.00	1.00	0.00
15.48	81.69	2.00	0.00	1.00	0.00	15.49	80.78	2.00	0.00	1.00	0.00
15.50	79.47	2.00	0.00	1.00	0.00	15.51	78.81	2.00	0.00	1.00	0.00
15.52	78.87	2.00	0.00	1.00	0.00	15.53	80.56	2.00	0.00	1.00	0.00
15.54	82.95	2.00	0.00	1.00	0.00	15.55	85.82	2.00	0.00	1.00	0.00
15.56	88.01	2.00	0.00	1.00	0.00	15.57	88.99	2.00	0.00	1.00	0.00
15.58	89.29	2.00	0.00	1.00	0.00	15.59	88.73	2.00	0.00	1.00	0.00
15.60	88.89	2.00	0.00	1.00	0.00	15.61	89.38	2.00	0.00	1.00	0.00
15.62	89.54	2.00	0.00	1.00	0.00	15.63	89.37	2.00	0.00	1.00	0.00
15.64	88.66	2.00	0.00	1.00	0.00	15.65	87.97	2.00	0.00	1.00	0.00
15.66	87.24	2.00	0.00	1.00	0.00	15.67	87.35	2.00	0.00	1.00	0.00
15.68	88.55	2.00	0.00	1.00	0.00	15.69	90.13	2.00	0.00	1.00	0.00
15.70	91.06	2.00	0.00	1.00	0.00	15.71	91.78	2.00	0.00	1.00	0.00
15.72	92.63	2.00	0.00	1.00	0.00	15.73	94.43	2.00	0.00	1.00	0.00
15.74	95.91	2.00	0.00	1.00	0.00	15.75	97.07	2.00	0.00	1.00	0.00
15.76	97.00	2.00	0.00	1.00	0.00	15.77	95.33	2.00	0.00	1.00	0.00
15.78	92.95	2.00	0.00	1.00	0.00	15.79	90.81	2.00	0.00	1.00	0.00
15.80	89.69	2.00	0.00	1.00	0.00	15.81	87.66	2.00	0.00	1.00	0.00
15.82	84.44	2.00	0.00	1.00	0.00	15.83	79.92	2.00	0.00	1.00	0.00
15.84	76.50	2.00	0.00	1.00	0.00	15.85	74.15	2.00	0.00	1.00	0.00
15.86	73.10	2.00	0.00	1.00	0.00	15.87	72.26	2.00	0.00	1.00	0.00
15.88	71.73	2.00	0.00	1.00	0.00	15.89	71.55	2.00	0.00	1.00	0.00
15.90	69.60	2.00	0.00	1.00	0.00	15.91	68.13	2.00	0.00	1.00	0.00
15.92	68.94	2.00	0.00	1.00	0.00	15.93	73.31	2.00	0.00	1.00	0.00
15.94	79.31	2.00	0.00	1.00	0.00	15.95	85.98	2.00	0.00	1.00	0.00
15.96	90.16	2.00	0.00	1.00	0.00	15.97	91.37	2.00	0.00	1.00	0.00
15.98	87.88	2.00	0.00	1.00	0.00	15.99	84.86	2.00	0.00	1.00	0.00
16.00	82.94	2.00	0.00	1.00	0.00	16.01	82.95	2.00	0.00	1.00	0.00
16.02	85.06	2.00	0.00	1.00	0.00	16.03	88.03	2.00	0.00	1.00	0.00
16.04	91.35	2.00	0.00	1.00	0.00	16.05	93.07	2.00	0.00	1.00	0.00
16.06	92.61	2.00	0.00	1.00	0.00	16.07	91.12	2.00	0.00	1.00	0.00
16.08	89.77	2.00	0.00	1.00	0.00	16.09	89.53	2.00	0.00	1.00	0.00
16.10	89.33	2.00	0.00	1.00	0.00	16.11	88.70	2.00	0.00	1.00	0.00
16.12	88.44	2.00	0.00	1.00	0.00	16.13	88.79	2.00	0.00	1.00	0.00
16.14	90.01	2.00	0.00	1.00	0.00	16.15	91.43	2.00	0.00	1.00	0.00
16.16	92.88	2.00	0.00	1.00	0.00	16.17	93.50	2.00	0.00	1.00	0.00
16.18	92.75	2.00	0.00	1.00	0.00	16.19	91.02	2.00	0.00	1.00	0.00
16.20	89.29	2.00	0.00	1.00	0.00	16.21	88.30	2.00	0.00	1.00	0.00
16.22	87.95	2.00	0.00	1.00	0.00	16.23	87.81	2.00	0.00	1.00	0.00
16.24	86.58	2.00	0.00	1.00	0.00	16.25	84.62	2.00	0.00	1.00	0.00
16.26	82.80	2.00	0.00	1.00	0.00	16.27	81.47	2.00	0.00	1.00	0.00
16.28	79.81	2.00	0.00	1.00	0.00	16.29	76.60	2.00	0.00	1.00	0.00
16.30	73.25	2.00	0.00	1.00	0.00	16.31	70.43	2.00	0.00	1.00	0.00
16.32	68.37	2.00	0.00	1.00	0.00	16.33	66.55	2.00	0.00	1.00	0.00
16.34	64.56	2.00	0.00	1.00	0.00	16.35	62.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.89	2.00	0.00	1.00	0.00	16.37	58.99	2.00	0.00	1.00	0.00
16.38	56.99	2.00	0.00	1.00	0.00	16.39	55.80	2.00	0.00	1.00	0.00
16.40	54.99	2.00	0.00	1.00	0.00	16.41	55.11	2.00	0.00	1.00	0.00
16.42	55.50	2.00	0.00	1.00	0.00	16.43	56.22	2.00	0.00	1.00	0.00
16.44	57.17	2.00	0.00	1.00	0.00	16.45	58.65	2.00	0.00	1.00	0.00
16.46	60.11	2.00	0.00	1.00	0.00	16.47	61.25	2.00	0.00	1.00	0.00
16.48	62.58	2.00	0.00	1.00	0.00	16.49	63.95	2.00	0.00	1.00	0.00
16.50	65.52	2.00	0.00	1.00	0.00	16.51	67.02	2.00	0.00	1.00	0.00
16.52	68.41	2.00	0.00	1.00	0.00	16.53	69.79	2.00	0.00	1.00	0.00
16.54	70.96	2.00	0.00	1.00	0.00	16.55	72.15	2.00	0.00	1.00	0.00
16.56	73.20	2.00	0.00	1.00	0.00	16.57	73.92	2.00	0.00	1.00	0.00
16.58	74.40	2.00	0.00	1.00	0.00	16.59	74.92	2.00	0.00	1.00	0.00
16.60	76.02	2.00	0.00	1.00	0.00	16.61	77.27	2.00	0.00	1.00	0.00
16.62	78.67	2.00	0.00	1.00	0.00	16.63	79.90	2.00	0.00	1.00	0.00
16.64	80.88	2.00	0.00	1.00	0.00	16.65	81.48	2.00	0.00	1.00	0.00
16.66	82.03	2.00	0.00	1.00	0.00	16.67	83.04	2.00	0.00	1.00	0.00
16.68	84.32	2.00	0.00	1.00	0.00	16.69	85.66	2.00	0.00	1.00	0.00
16.70	86.85	2.00	0.00	1.00	0.00	16.71	88.12	2.00	0.00	1.00	0.00
16.72	89.20	2.00	0.00	1.00	0.00	16.73	90.12	2.00	0.00	1.00	0.00
16.74	90.51	2.00	0.00	1.00	0.00	16.75	90.81	2.00	0.00	1.00	0.00
16.76	91.00	2.00	0.00	1.00	0.00	16.77	91.32	2.00	0.00	1.00	0.00
16.78	92.01	2.00	0.00	1.00	0.00	16.79	92.90	2.00	0.00	1.00	0.00
16.80	93.59	2.00	0.00	1.00	0.00	16.81	93.70	2.00	0.00	1.00	0.00
16.82	93.15	2.00	0.00	1.00	0.00	16.83	92.05	2.00	0.00	1.00	0.00
16.84	90.75	2.00	0.00	1.00	0.00	16.85	89.82	2.00	0.00	1.00	0.00
16.86	90.86	2.00	0.00	1.00	0.00	16.87	91.84	2.00	0.00	1.00	0.00
16.88	92.85	2.00	0.00	1.00	0.00	16.89	96.86	2.00	0.00	1.00	0.00
16.90	102.01	2.00	0.00	1.00	0.00	16.91	107.89	2.00	0.00	1.00	0.00
16.92	111.91	2.00	0.00	1.00	0.00	16.93	115.01	2.00	0.00	1.00	0.00
16.94	117.41	2.00	0.00	1.00	0.00	16.95	120.15	2.00	0.00	1.00	0.00
16.96	122.94	2.00	0.00	1.00	0.00	16.97	125.74	2.00	0.00	1.00	0.00
16.98	126.89	2.00	0.00	1.00	0.00	16.99	127.05	2.00	0.00	1.00	0.00
17.00	126.43	2.00	0.00	1.00	0.00	17.01	124.78	2.00	0.00	1.00	0.00
17.02	122.69	2.00	0.00	1.00	0.00	17.03	120.07	2.00	0.00	1.00	0.00
17.04	116.70	2.00	0.00	1.00	0.00	17.05	113.33	2.00	0.00	1.00	0.00
17.06	109.94	2.00	0.00	1.00	0.00	17.07	107.08	2.00	0.00	1.00	0.00
17.08	103.67	2.00	0.00	1.00	0.00	17.09	100.43	2.00	0.00	1.00	0.00
17.10	98.39	2.00	0.00	1.00	0.00	17.11	97.10	2.00	0.00	1.00	0.00
17.12	96.30	2.00	0.00	1.00	0.00	17.13	95.97	2.00	0.00	1.00	0.00
17.14	97.04	2.00	0.00	1.00	0.00	17.15	98.52	2.00	0.00	1.00	0.00
17.16	100.06	2.00	0.00	1.00	0.00	17.17	100.96	2.00	0.00	1.00	0.00
17.18	101.48	2.00	0.00	1.00	0.00	17.19	101.84	2.00	0.00	1.00	0.00
17.20	101.88	2.00	0.00	1.00	0.00	17.21	101.91	2.00	0.00	1.00	0.00
17.22	101.79	2.00	0.00	1.00	0.00	17.23	102.10	2.00	0.00	1.00	0.00
17.24	102.83	2.00	0.00	1.00	0.00	17.25	104.45	2.00	0.00	1.00	0.00
17.26	106.24	2.00	0.00	1.00	0.00	17.27	108.51	2.00	0.00	1.00	0.00
17.28	110.10	2.00	0.00	1.00	0.00	17.29	111.84	2.00	0.00	1.00	0.00
17.30	112.92	2.00	0.00	1.00	0.00	17.31	114.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	114.83	2.00	0.00	1.00	0.00	17.33	115.70	2.00	0.00	1.00	0.00
17.34	116.97	2.00	0.00	1.00	0.00	17.35	118.09	2.00	0.00	1.00	0.00
17.36	118.33	2.00	0.00	1.00	0.00	17.37	117.65	2.00	0.00	1.00	0.00
17.38	116.69	2.00	0.00	1.00	0.00	17.39	116.29	2.00	0.00	1.00	0.00
17.40	116.12	2.00	0.00	1.00	0.00	17.41	116.11	2.00	0.00	1.00	0.00
17.42	116.16	2.00	0.00	1.00	0.00	17.43	116.36	2.00	0.00	1.00	0.00
17.44	116.50	2.00	0.00	1.00	0.00	17.45	116.76	2.00	0.00	1.00	0.00
17.46	117.08	2.00	0.00	1.00	0.00	17.47	117.47	2.00	0.00	1.00	0.00
17.48	117.54	2.00	0.00	1.00	0.00	17.49	117.60	2.00	0.00	1.00	0.00
17.50	117.65	2.00	0.00	1.00	0.00	17.51	117.62	2.00	0.00	1.00	0.00
17.52	116.95	2.00	0.00	1.00	0.00	17.53	116.06	2.00	0.00	1.00	0.00
17.54	115.36	2.00	0.00	1.00	0.00	17.55	115.13	2.00	0.00	1.00	0.00
17.56	115.03	2.00	0.00	1.00	0.00	17.57	115.06	2.00	0.00	1.00	0.00
17.58	115.16	2.00	0.00	1.00	0.00	17.59	115.23	2.00	0.00	1.00	0.00
17.60	115.06	2.00	0.00	1.00	0.00	17.61	114.65	2.00	0.00	1.00	0.00
17.62	113.43	2.00	0.00	1.00	0.00	17.63	111.81	2.00	0.00	1.00	0.00
17.64	110.26	2.00	0.00	1.00	0.00	17.65	109.11	2.00	0.00	1.00	0.00
17.66	108.25	2.00	0.00	1.00	0.00	17.67	107.03	2.00	0.00	1.00	0.00
17.68	106.15	2.00	0.00	1.00	0.00	17.69	104.93	2.00	0.00	1.00	0.00
17.70	103.21	2.00	0.00	1.00	0.00	17.71	101.39	2.00	0.00	1.00	0.00
17.72	100.05	2.00	0.00	1.00	0.00	17.73	99.55	2.00	0.00	1.00	0.00
17.74	99.29	2.00	0.00	1.00	0.00	17.75	99.15	2.00	0.00	1.00	0.00
17.76	99.19	2.00	0.00	1.00	0.00	17.77	99.15	2.00	0.00	1.00	0.00
17.78	98.66	2.00	0.00	1.00	0.00	17.79	97.90	2.00	0.00	1.00	0.00
17.80	97.13	2.00	0.00	1.00	0.00	17.81	96.73	2.00	0.00	1.00	0.00
17.82	96.63	2.00	0.00	1.00	0.00	17.83	96.70	2.00	0.00	1.00	0.00
17.84	96.93	2.00	0.00	1.00	0.00	17.85	97.05	2.00	0.00	1.00	0.00
17.86	97.04	2.00	0.00	1.00	0.00	17.87	96.89	2.00	0.00	1.00	0.00
17.88	95.94	2.00	0.00	1.00	0.00	17.89	95.36	2.00	0.00	1.00	0.00
17.90	95.04	2.00	0.00	1.00	0.00	17.91	95.64	2.00	0.00	1.00	0.00
17.92	95.85	2.00	0.00	1.00	0.00	17.93	95.77	2.00	0.00	1.00	0.00
17.94	95.50	2.00	0.00	1.00	0.00	17.95	95.00	2.00	0.00	1.00	0.00
17.96	94.14	2.00	0.00	1.00	0.00	17.97	93.34	2.00	0.00	1.00	0.00
17.98	92.48	2.00	0.00	1.00	0.00	17.99	91.88	2.00	0.00	1.00	0.00
18.00	91.06	2.00	0.00	1.00	0.00	18.01	89.63	2.00	0.00	1.00	0.00
18.02	87.15	2.00	0.00	1.00	0.00	18.03	84.53	2.00	0.00	1.00	0.00
18.04	82.45	2.00	0.00	1.00	0.00	18.05	81.41	2.00	0.00	1.00	0.00
18.06	79.99	2.00	0.00	1.00	0.00	18.07	78.41	2.00	0.00	1.00	0.00
18.08	77.13	2.00	0.00	1.00	0.00	18.09	76.83	2.00	0.00	1.00	0.00
18.10	77.14	2.00	0.00	1.00	0.00	18.11	77.65	2.00	0.00	1.00	0.00
18.12	78.09	2.00	0.00	1.00	0.00	18.13	78.52	2.00	0.00	1.00	0.00
18.14	79.20	2.00	0.00	1.00	0.00	18.15	80.52	2.00	0.00	1.00	0.00
18.16	82.06	2.00	0.00	1.00	0.00	18.17	83.49	2.00	0.00	1.00	0.00
18.18	84.45	2.00	0.00	1.00	0.00	18.19	84.90	2.00	0.00	1.00	0.00
18.20	84.91	2.00	0.00	1.00	0.00	18.21	84.70	2.00	0.00	1.00	0.00
18.22	84.25	2.00	0.00	1.00	0.00	18.23	83.76	2.00	0.00	1.00	0.00
18.24	82.90	2.00	0.00	1.00	0.00	18.25	81.76	2.00	0.00	1.00	0.00
18.26	80.40	2.00	0.00	1.00	0.00	18.27	79.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	79.37	2.00	0.00	1.00	0.00	18.29	79.74	2.00	0.00	1.00	0.00
18.30	79.97	2.00	0.00	1.00	0.00	18.31	79.82	2.00	0.00	1.00	0.00
18.32	79.70	2.00	0.00	1.00	0.00	18.33	79.77	2.00	0.00	1.00	0.00
18.34	80.19	2.00	0.00	1.00	0.00	18.35	80.59	2.00	0.00	1.00	0.00
18.36	80.75	2.00	0.00	1.00	0.00	18.37	80.31	2.00	0.00	1.00	0.00
18.38	78.33	2.00	0.00	1.00	0.00	18.39	76.42	2.00	0.00	1.00	0.00
<b>Total estimated settlement: 1.32</b>											

**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**

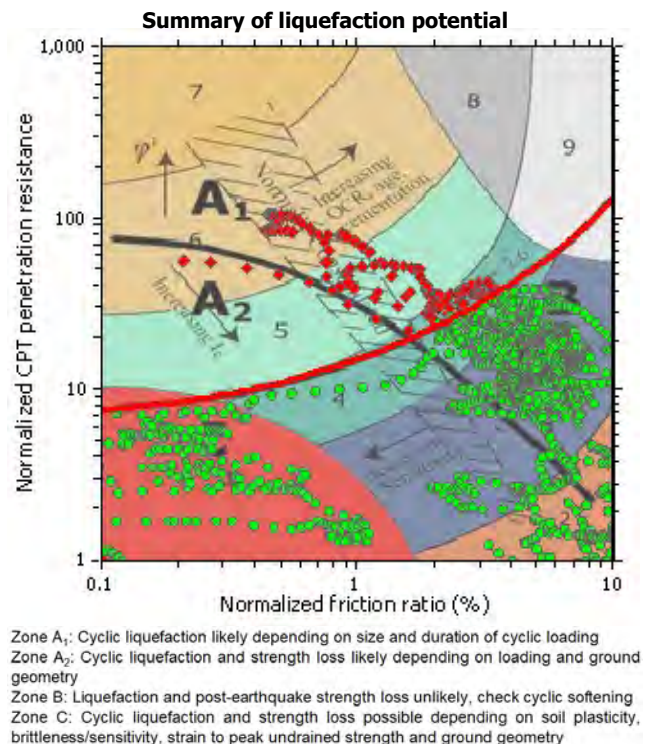
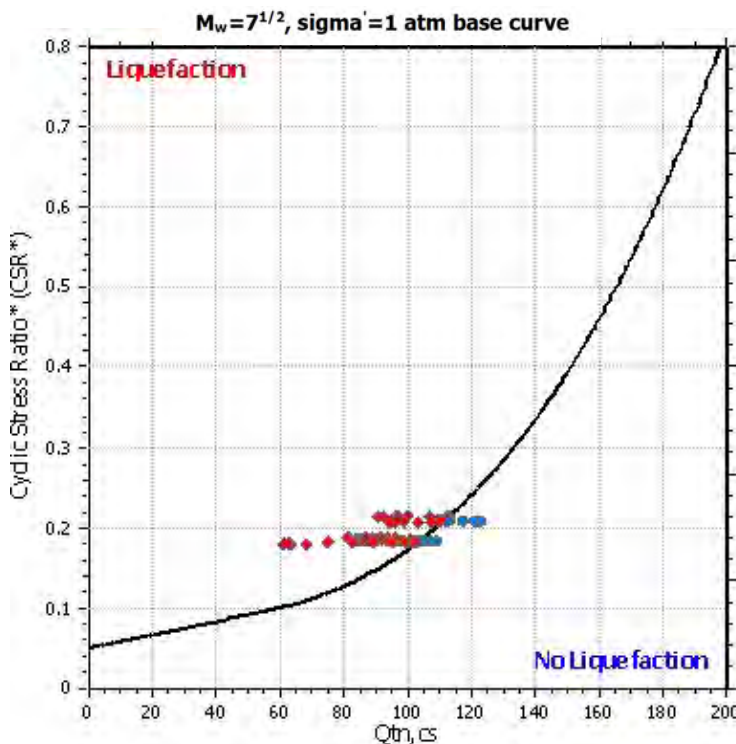
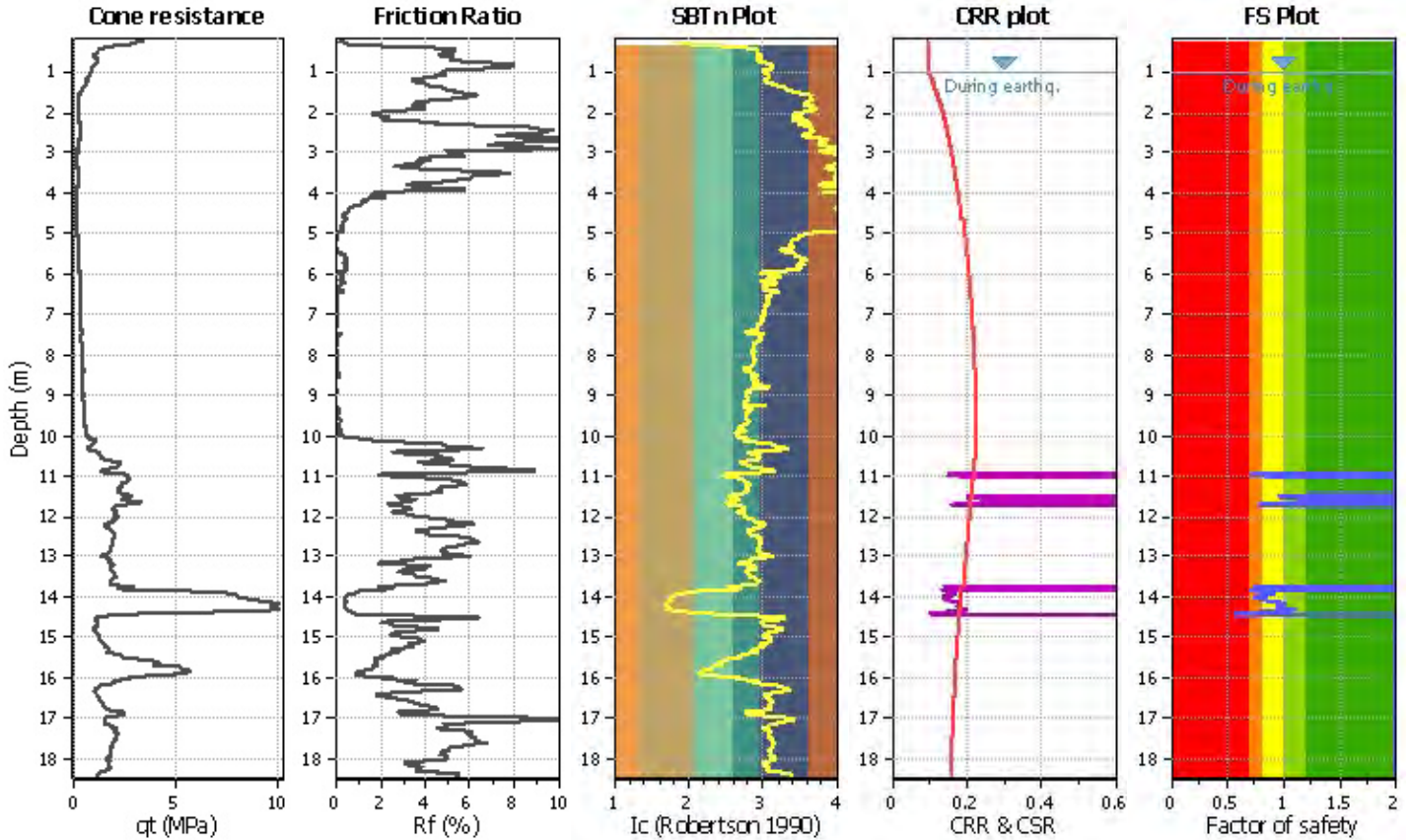
**Project title :**

**Location :**

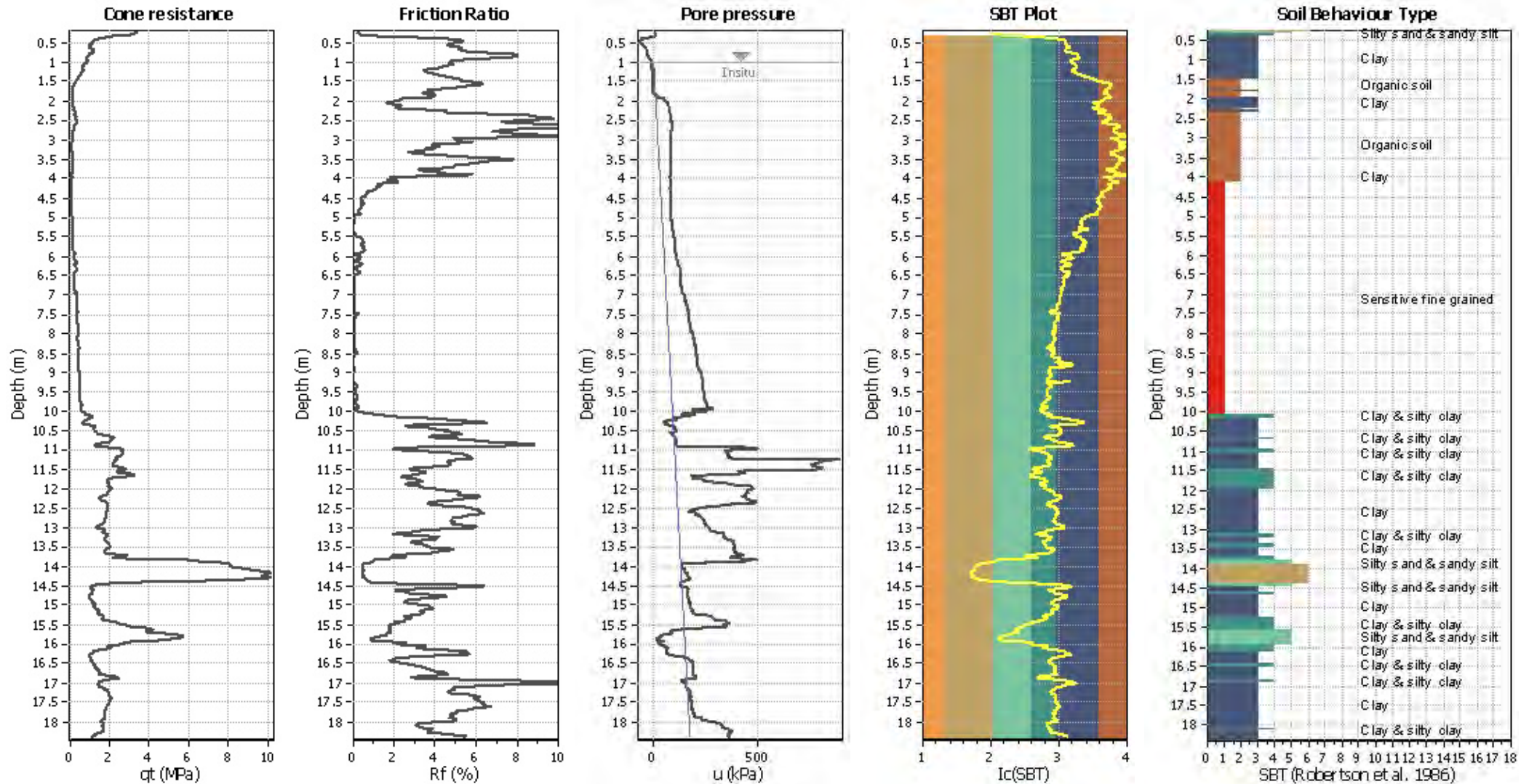
**CPT file : CPTU2 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.75	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



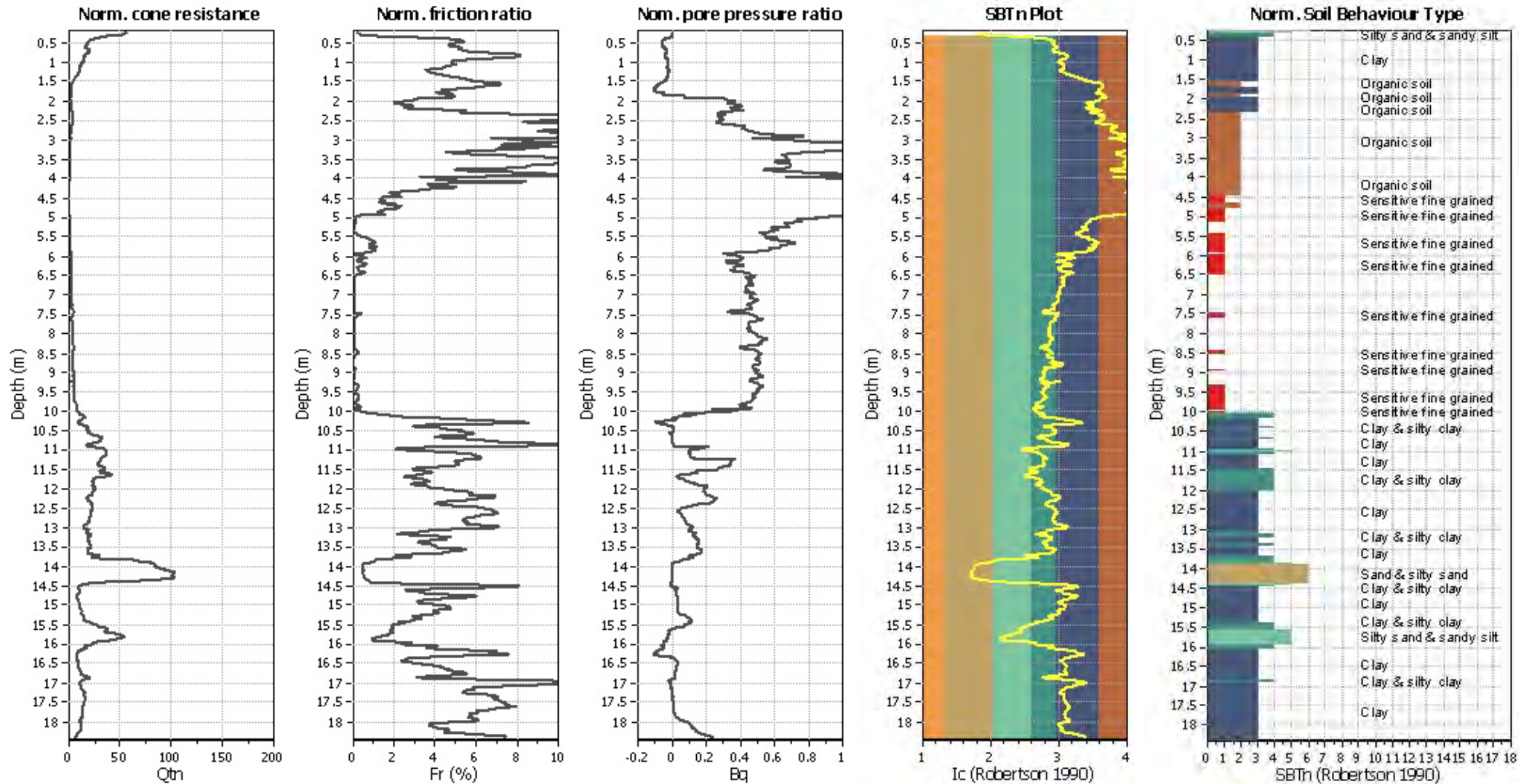
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



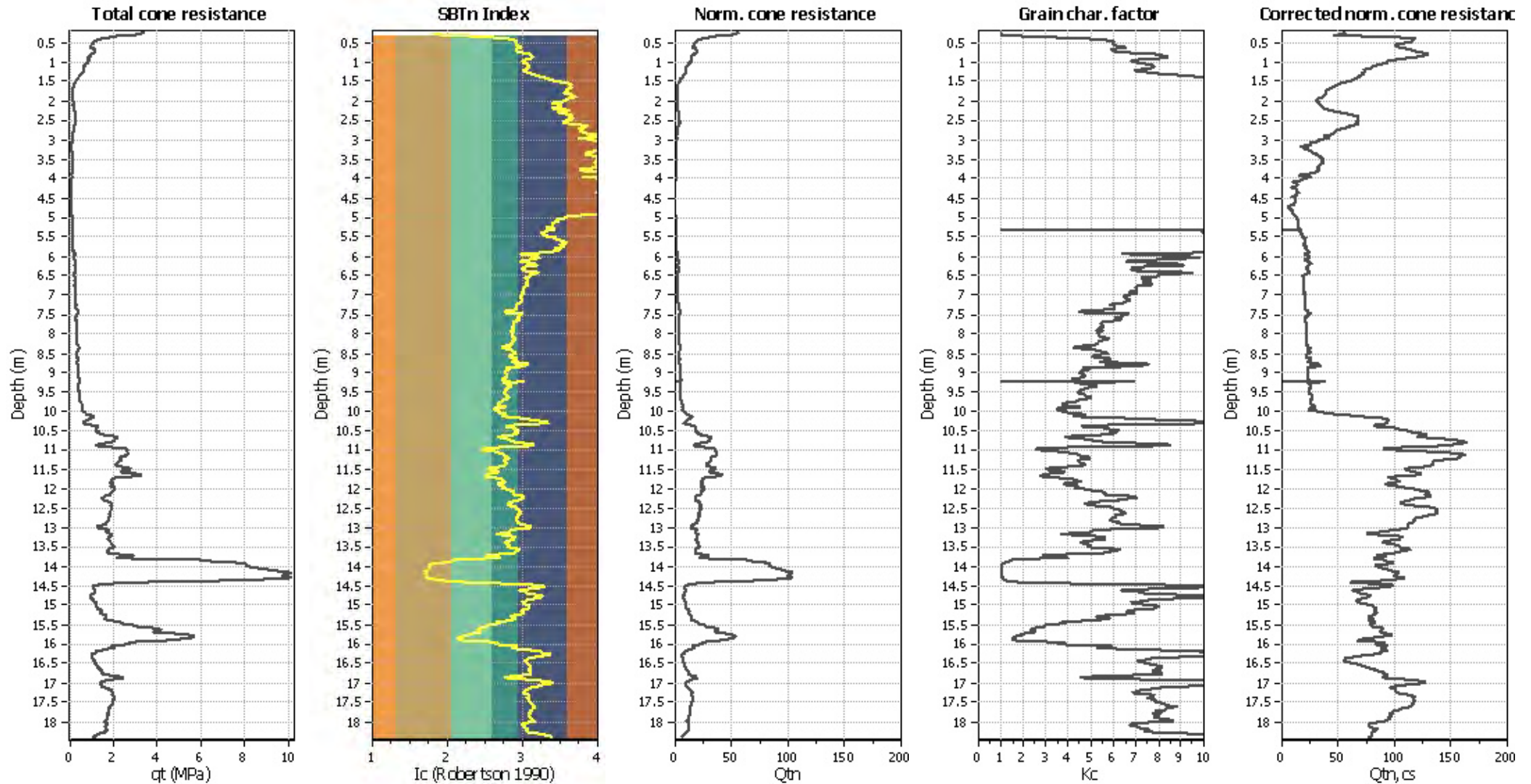
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

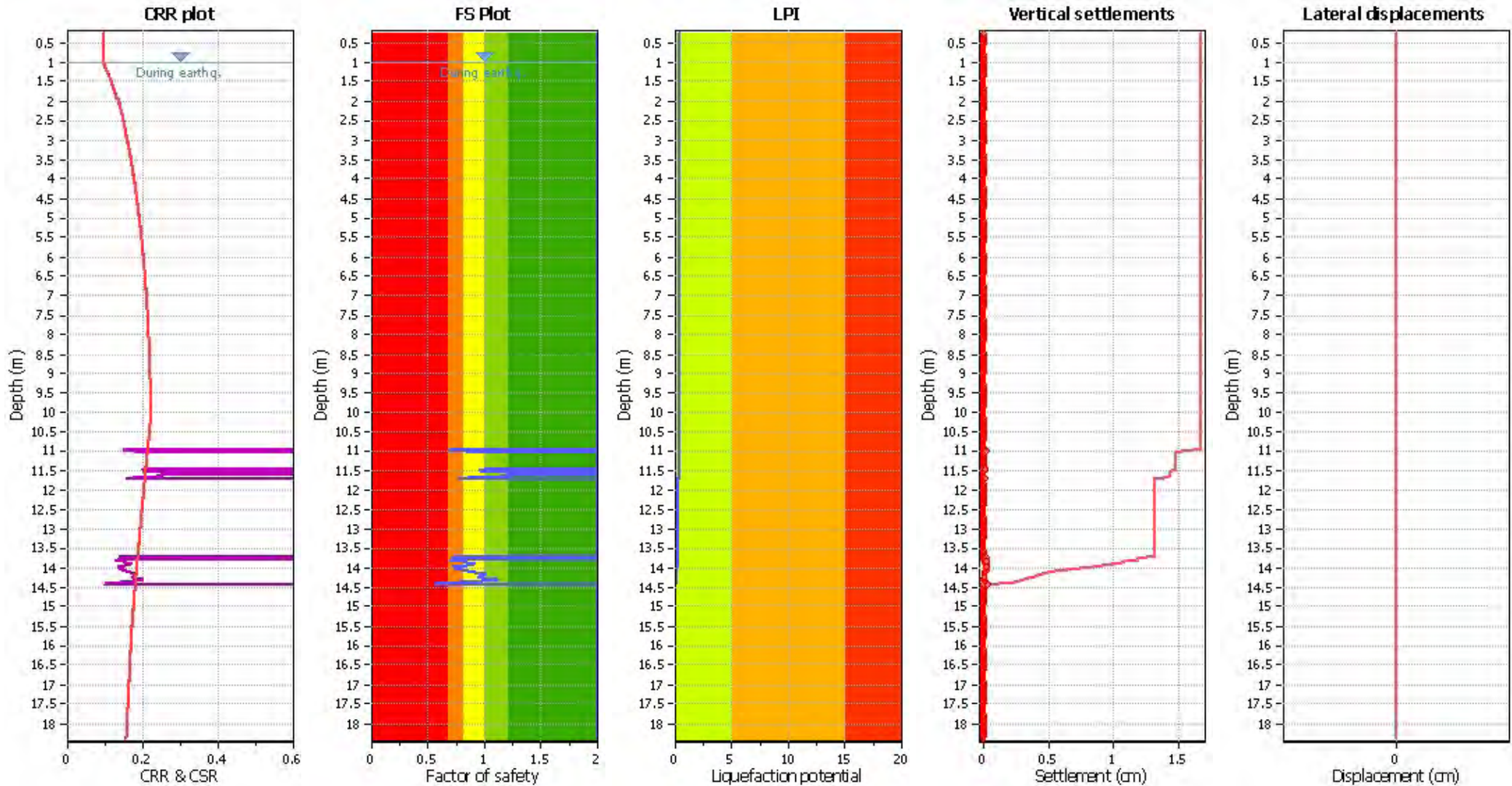
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_c$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

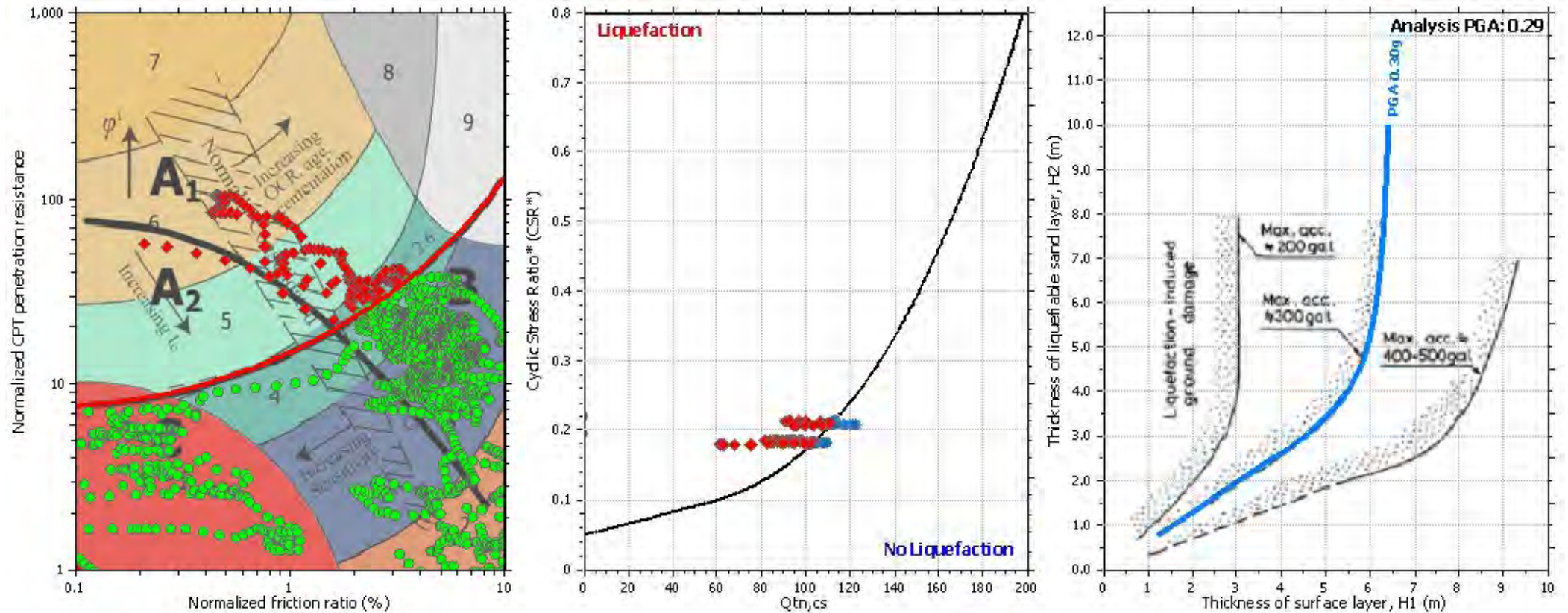
**F.S. color scheme**

- 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

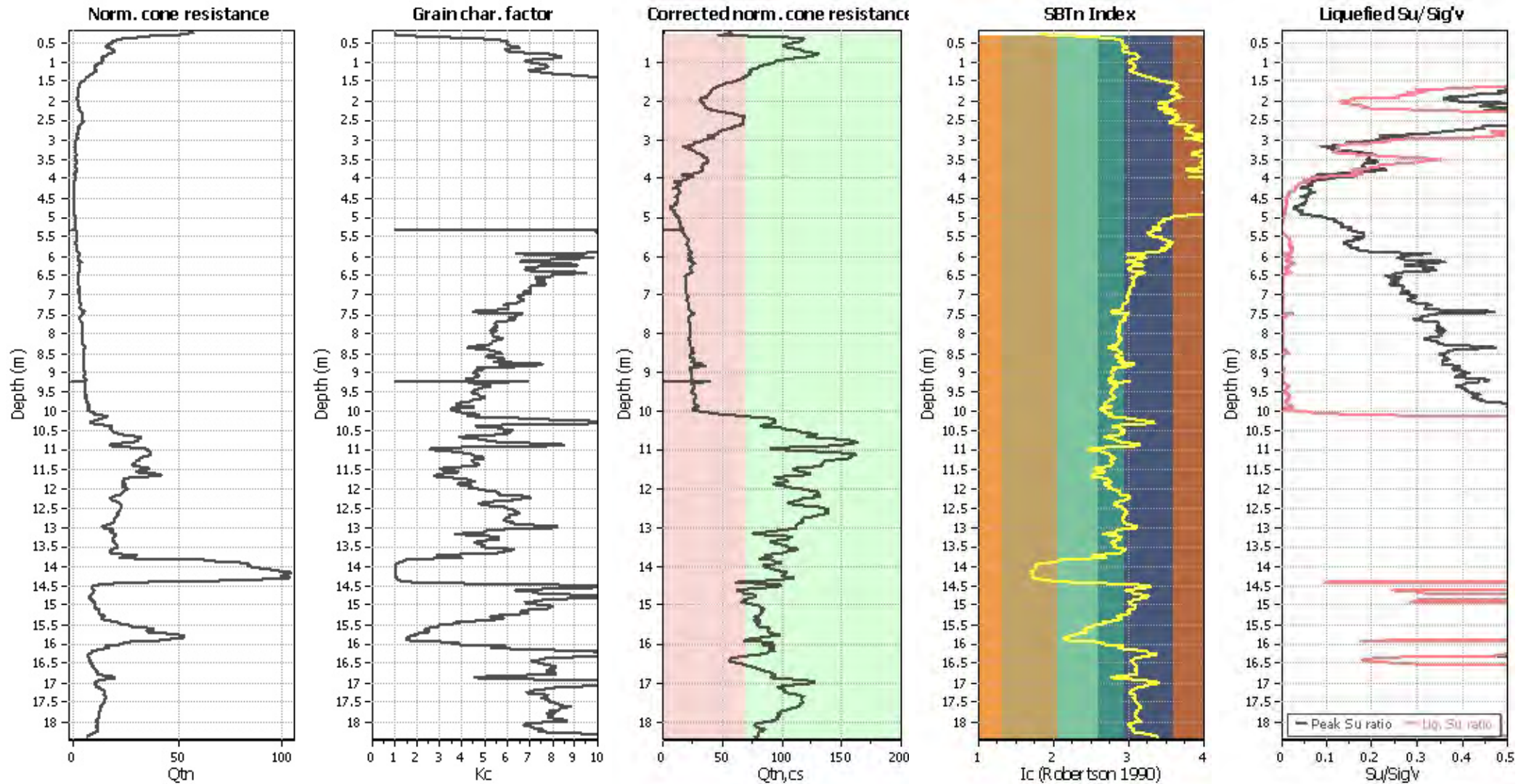
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	0.76	0.24	4.53	0.01	0.01
10.95	0.71	0.29	4.53	0.01	0.01	10.96	0.70	0.30	4.52	0.01	0.01
10.97	0.70	0.30	4.51	0.01	0.01	10.98	0.71	0.29	4.51	0.01	0.01
10.99	0.76	0.24	4.50	0.01	0.01	11.00	0.81	0.19	4.50	0.01	0.01
11.01	0.91	0.09	4.50	0.01	0.00	11.02	1.00	0.00	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	1.04	0.00	4.28	0.01	0.00	11.46	1.00	0.00	4.27	0.01	0.00
11.47	0.98	0.02	4.26	0.01	0.00	11.48	0.96	0.04	4.26	0.01	0.00
11.49	0.97	0.03	4.25	0.01	0.00	11.50	0.99	0.01	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	1.21	0.00	4.20	0.01	0.00
11.61	1.22	0.00	4.20	0.01	0.00	11.62	1.22	0.00	4.19	0.01	0.00
11.63	1.18	0.00	4.18	0.01	0.00	11.64	1.11	0.00	4.18	0.01	0.00
11.65	1.02	0.00	4.17	0.01	0.00	11.66	0.94	0.06	4.17	0.01	0.00
11.67	0.88	0.12	4.17	0.01	0.01	11.68	0.82	0.18	4.16	0.01	0.01
11.69	0.79	0.21	4.16	0.01	0.01	11.70	0.77	0.23	4.15	0.01	0.01
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	2.00	0.00	3.16	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00
13.71	0.75	0.25	3.15	0.01	0.01	13.72	0.73	0.27	3.14	0.01	0.01
13.73	0.75	0.25	3.13	0.01	0.01	13.74	0.78	0.22	3.13	0.01	0.01
13.75	0.81	0.19	3.13	0.01	0.01	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	0.71	0.29	3.10	0.01	0.01
13.81	0.70	0.30	3.10	0.01	0.01	13.82	0.72	0.28	3.09	0.01	0.01
13.83	0.76	0.24	3.08	0.01	0.01	13.84	0.81	0.19	3.08	0.01	0.01
13.85	0.85	0.15	3.08	0.01	0.00	13.86	0.88	0.12	3.07	0.01	0.00
13.87	0.90	0.10	3.06	0.01	0.00	13.88	0.91	0.09	3.06	0.01	0.00
13.89	0.92	0.08	3.06	0.01	0.00	13.90	0.89	0.11	3.05	0.01	0.00
13.91	0.87	0.13	3.04	0.01	0.00	13.92	0.84	0.16	3.04	0.01	0.00
13.93	0.84	0.16	3.04	0.01	0.00	13.94	0.73	0.27	3.03	0.01	0.01
13.95	0.73	0.27	3.02	0.01	0.01	13.96	0.73	0.27	3.02	0.01	0.01
13.97	0.73	0.27	3.02	0.01	0.01	13.98	0.73	0.27	3.01	0.01	0.01
13.99	0.74	0.26	3.00	0.01	0.01	14.00	0.75	0.25	3.00	0.01	0.01
14.01	0.76	0.24	3.00	0.01	0.01	14.02	0.77	0.23	2.99	0.01	0.01
14.03	0.79	0.21	2.98	0.01	0.01	14.04	0.80	0.20	2.98	0.01	0.01
14.05	0.81	0.19	2.98	0.01	0.01	14.06	0.83	0.17	2.97	0.01	0.01
14.07	0.84	0.16	2.96	0.01	0.00	14.08	0.86	0.14	2.96	0.01	0.00
14.09	0.88	0.12	2.96	0.01	0.00	14.10	0.90	0.10	2.95	0.01	0.00
14.11	0.93	0.07	2.94	0.01	0.00	14.12	0.96	0.04	2.94	0.01	0.00
14.13	0.98	0.02	2.94	0.01	0.00	14.14	1.00	0.00	2.93	0.01	0.00
14.15	1.01	0.00	2.92	0.01	0.00	14.16	1.01	0.00	2.92	0.01	0.00
14.17	1.01	0.00	2.92	0.01	0.00	14.18	1.00	0.00	2.91	0.01	0.00
14.19	0.99	0.01	2.90	0.01	0.00	14.20	0.97	0.03	2.90	0.01	0.00
14.21	0.96	0.04	2.90	0.01	0.00	14.22	0.95	0.05	2.89	0.01	0.00
14.23	0.94	0.06	2.88	0.01	0.00	14.24	0.95	0.05	2.88	0.01	0.00
14.25	0.96	0.04	2.88	0.01	0.00	14.26	0.98	0.02	2.87	0.01	0.00
14.27	1.00	0.00	2.87	0.01	0.00	14.28	1.01	0.00	2.86	0.01	0.00
14.29	1.11	0.00	2.85	0.01	0.00	14.30	1.11	0.00	2.85	0.01	0.00
14.31	1.08	0.00	2.85	0.01	0.00	14.32	1.05	0.00	2.84	0.01	0.00
14.33	1.00	0.00	2.83	0.01	0.00	14.34	0.94	0.06	2.83	0.01	0.00
14.35	0.88	0.12	2.83	0.01	0.00	14.36	0.81	0.19	2.82	0.01	0.01
14.37	0.73	0.27	2.81	0.01	0.01	14.38	0.66	0.34	2.81	0.01	0.01
14.39	0.60	0.40	2.81	0.01	0.01	14.40	0.57	0.43	2.80	0.01	0.01
14.41	0.56	0.44	2.79	0.01	0.01	14.42	0.57	0.43	2.79	0.01	0.01
14.43	0.61	0.39	2.79	0.01	0.01	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	2.00	0.00	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	0.00						

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI	Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI

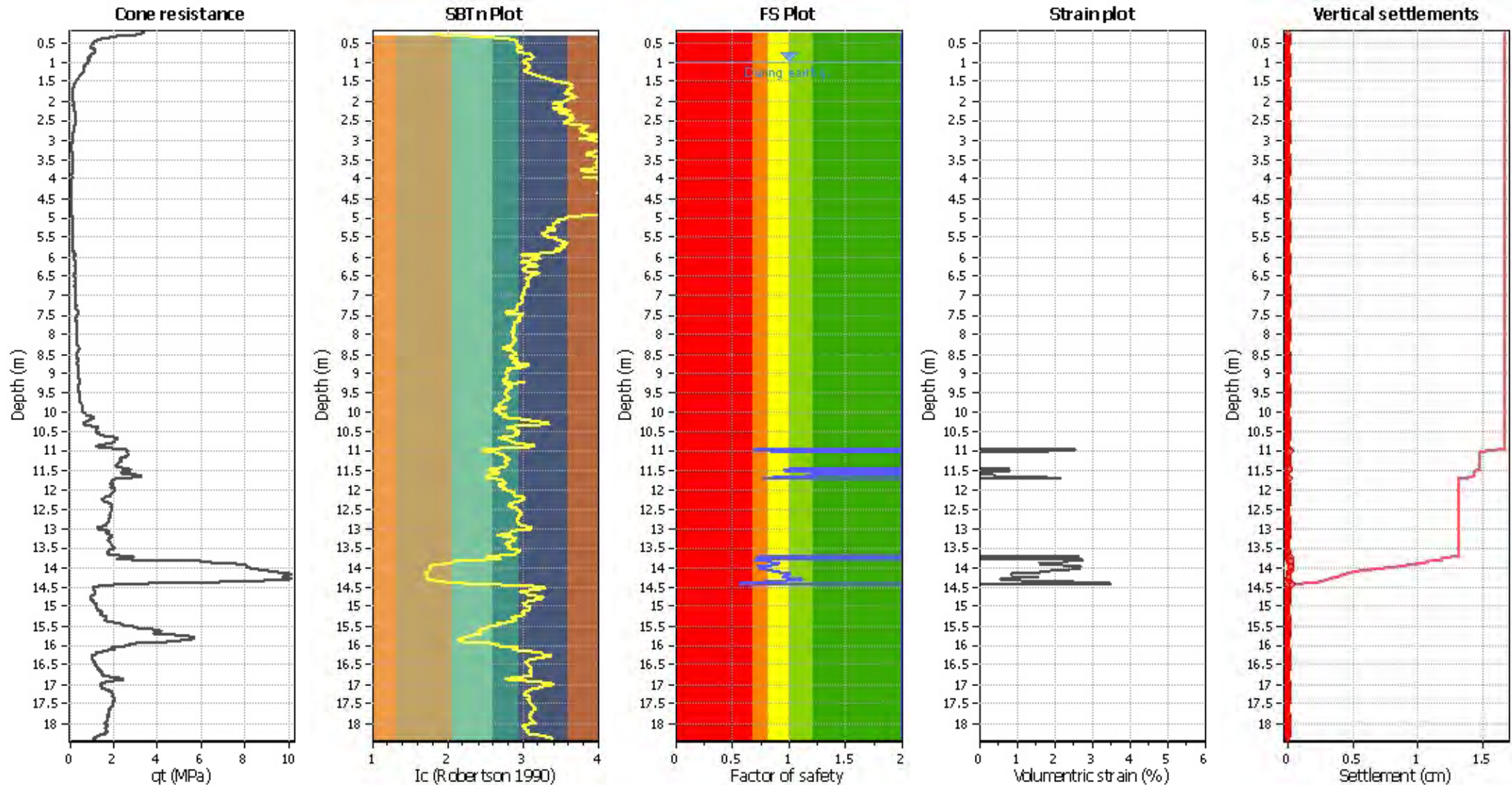
**Overall liquefaction potential: 0.44**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	93.60	2.00	0.00	1.00	0.00	1.01	93.35	2.00	0.00	1.00	0.00
1.02	93.19	2.00	0.00	1.00	0.00	1.03	92.30	2.00	0.00	1.00	0.00
1.04	90.93	2.00	0.00	1.00	0.00	1.05	89.45	2.00	0.00	1.00	0.00
1.06	88.75	2.00	0.00	1.00	0.00	1.07	88.03	2.00	0.00	1.00	0.00
1.08	86.30	2.00	0.00	1.00	0.00	1.09	84.42	2.00	0.00	1.00	0.00
1.10	82.78	2.00	0.00	1.00	0.00	1.11	81.86	2.00	0.00	1.00	0.00
1.12	80.63	2.00	0.00	1.00	0.00	1.13	78.85	2.00	0.00	1.00	0.00
1.14	77.34	2.00	0.00	1.00	0.00	1.15	76.04	2.00	0.00	1.00	0.00
1.16	75.08	2.00	0.00	1.00	0.00	1.17	74.20	2.00	0.00	1.00	0.00
1.18	73.61	2.00	0.00	1.00	0.00	1.19	73.61	2.00	0.00	1.00	0.00
1.20	73.79	2.00	0.00	1.00	0.00	1.21	73.88	2.00	0.00	1.00	0.00
1.22	73.87	2.00	0.00	1.00	0.00	1.23	73.64	2.00	0.00	1.00	0.00
1.24	73.33	2.00	0.00	1.00	0.00	1.25	72.65	2.00	0.00	1.00	0.00
1.26	72.28	2.00	0.00	1.00	0.00	1.27	72.35	2.00	0.00	1.00	0.00
1.28	72.64	2.00	0.00	1.00	0.00	1.29	72.64	2.00	0.00	1.00	0.00
1.30	72.02	2.00	0.00	1.00	0.00	1.31	71.36	2.00	0.00	1.00	0.00
1.32	70.64	2.00	0.00	1.00	0.00	1.33	70.14	2.00	0.00	1.00	0.00
1.34	69.78	2.00	0.00	1.00	0.00	1.35	69.69	2.00	0.00	1.00	0.00
1.36	69.46	2.00	0.00	1.00	0.00	1.37	68.96	2.00	0.00	1.00	0.00
1.38	68.32	2.00	0.00	1.00	0.00	1.39	67.65	2.00	0.00	1.00	0.00
1.40	66.98	2.00	0.00	1.00	0.00	1.41	66.10	2.00	0.00	1.00	0.00
1.42	65.29	2.00	0.00	1.00	0.00	1.43	64.42	2.00	0.00	1.00	0.00
1.44	63.71	2.00	0.00	1.00	0.00	1.45	62.92	2.00	0.00	1.00	0.00
1.46	62.34	2.00	0.00	1.00	0.00	1.47	61.39	2.00	0.00	1.00	0.00
1.48	60.33	2.00	0.00	1.00	0.00	1.49	59.09	2.00	0.00	1.00	0.00
1.50	57.97	2.00	0.00	1.00	0.00	1.51	56.94	2.00	0.00	1.00	0.00
1.52	55.58	2.00	0.00	1.00	0.00	1.53	54.24	2.00	0.00	1.00	0.00
1.54	52.84	2.00	0.00	1.00	0.00	1.55	51.92	2.00	0.00	1.00	0.00
1.56	51.07	2.00	0.00	1.00	0.00	1.57	50.40	2.00	0.00	1.00	0.00
1.58	49.74	2.00	0.00	1.00	0.00	1.59	49.21	2.00	0.00	1.00	0.00
1.60	48.69	2.00	0.00	1.00	0.00	1.61	47.70	2.00	0.00	1.00	0.00
1.62	46.76	2.00	0.00	1.00	0.00	1.63	45.94	2.00	0.00	1.00	0.00
1.64	45.21	2.00	0.00	1.00	0.00	1.65	44.40	2.00	0.00	1.00	0.00
1.66	43.40	2.00	0.00	1.00	0.00	1.67	42.75	2.00	0.00	1.00	0.00
1.68	42.04	2.00	0.00	1.00	0.00	1.69	41.17	2.00	0.00	1.00	0.00
1.70	40.37	2.00	0.00	1.00	0.00	1.71	39.84	2.00	0.00	1.00	0.00
1.72	39.81	2.00	0.00	1.00	0.00	1.73	39.72	2.00	0.00	1.00	0.00
1.74	39.99	2.00	0.00	1.00	0.00	1.75	40.16	2.00	0.00	1.00	0.00
1.76	40.38	2.00	0.00	1.00	0.00	1.77	40.37	2.00	0.00	1.00	0.00
1.78	39.96	2.00	0.00	1.00	0.00	1.79	39.68	2.00	0.00	1.00	0.00
1.80	39.26	2.00	0.00	1.00	0.00	1.81	39.20	2.00	0.00	1.00	0.00
1.82	38.94	2.00	0.00	1.00	0.00	1.83	38.60	2.00	0.00	1.00	0.00
1.84	38.31	2.00	0.00	1.00	0.00	1.85	38.15	2.00	0.00	1.00	0.00
1.86	37.79	2.00	0.00	1.00	0.00	1.87	37.22	2.00	0.00	1.00	0.00
1.88	36.50	2.00	0.00	1.00	0.00	1.89	35.93	2.00	0.00	1.00	0.00
1.90	35.95	2.00	0.00	1.00	0.00	1.91	36.25	2.00	0.00	1.00	0.00
1.92	36.53	2.00	0.00	1.00	0.00	1.93	34.79	2.00	0.00	1.00	0.00
1.94	33.27	2.00	0.00	1.00	0.00	1.95	31.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.96	31.43	2.00	0.00	1.00	0.00	1.97	31.10	2.00	0.00	1.00	0.00
1.98	30.86	2.00	0.00	1.00	0.00	1.99	31.22	2.00	0.00	1.00	0.00
2.00	31.60	2.00	0.00	1.00	0.00	2.01	32.20	2.00	0.00	1.00	0.00
2.02	32.56	2.00	0.00	1.00	0.00	2.03	32.94	2.00	0.00	1.00	0.00
2.04	33.23	2.00	0.00	1.00	0.00	2.05	33.42	2.00	0.00	1.00	0.00
2.06	33.63	2.00	0.00	1.00	0.00	2.07	33.75	2.00	0.00	1.00	0.00
2.08	34.09	2.00	0.00	1.00	0.00	2.09	34.47	2.00	0.00	1.00	0.00
2.10	34.74	2.00	0.00	1.00	0.00	2.11	34.82	2.00	0.00	1.00	0.00
2.12	34.94	2.00	0.00	1.00	0.00	2.13	35.35	2.00	0.00	1.00	0.00
2.14	35.65	2.00	0.00	1.00	0.00	2.15	35.95	2.00	0.00	1.00	0.00
2.16	36.43	2.00	0.00	1.00	0.00	2.17	37.15	2.00	0.00	1.00	0.00
2.18	37.76	2.00	0.00	1.00	0.00	2.19	38.51	2.00	0.00	1.00	0.00
2.20	39.34	2.00	0.00	1.00	0.00	2.21	40.16	2.00	0.00	1.00	0.00
2.22	40.84	2.00	0.00	1.00	0.00	2.23	41.65	2.00	0.00	1.00	0.00
2.24	42.92	2.00	0.00	1.00	0.00	2.25	44.68	2.00	0.00	1.00	0.00
2.26	46.72	2.00	0.00	1.00	0.00	2.27	49.14	2.00	0.00	1.00	0.00
2.28	51.49	2.00	0.00	1.00	0.00	2.29	53.57	2.00	0.00	1.00	0.00
2.30	55.50	2.00	0.00	1.00	0.00	2.31	56.92	2.00	0.00	1.00	0.00
2.32	58.21	2.00	0.00	1.00	0.00	2.33	59.22	2.00	0.00	1.00	0.00
2.34	60.29	2.00	0.00	1.00	0.00	2.35	61.57	2.00	0.00	1.00	0.00
2.36	62.70	2.00	0.00	1.00	0.00	2.37	64.22	2.00	0.00	1.00	0.00
2.38	65.59	2.00	0.00	1.00	0.00	2.39	67.03	2.00	0.00	1.00	0.00
2.40	68.03	2.00	0.00	1.00	0.00	2.41	68.51	2.00	0.00	1.00	0.00
2.42	68.44	2.00	0.00	1.00	0.00	2.43	67.99	2.00	0.00	1.00	0.00
2.44	67.64	2.00	0.00	1.00	0.00	2.45	67.49	2.00	0.00	1.00	0.00
2.46	67.51	2.00	0.00	1.00	0.00	2.47	67.37	2.00	0.00	1.00	0.00
2.48	67.10	2.00	0.00	1.00	0.00	2.49	66.88	2.00	0.00	1.00	0.00
2.50	66.74	2.00	0.00	1.00	0.00	2.51	66.73	2.00	0.00	1.00	0.00
2.52	66.76	2.00	0.00	1.00	0.00	2.53	67.00	2.00	0.00	1.00	0.00
2.54	67.20	2.00	0.00	1.00	0.00	2.55	67.43	2.00	0.00	1.00	0.00
2.56	67.35	2.00	0.00	1.00	0.00	2.57	67.58	2.00	0.00	1.00	0.00
2.58	67.53	2.00	0.00	1.00	0.00	2.59	67.30	2.00	0.00	1.00	0.00
2.60	66.30	2.00	0.00	1.00	0.00	2.61	65.33	2.00	0.00	1.00	0.00
2.62	64.46	2.00	0.00	1.00	0.00	2.63	64.07	2.00	0.00	1.00	0.00
2.64	62.73	2.00	0.00	1.00	0.00	2.65	61.61	2.00	0.00	1.00	0.00
2.66	60.30	2.00	0.00	1.00	0.00	2.67	59.76	2.00	0.00	1.00	0.00
2.68	58.82	2.00	0.00	1.00	0.00	2.69	57.72	2.00	0.00	1.00	0.00
2.70	56.85	2.00	0.00	1.00	0.00	2.71	55.75	2.00	0.00	1.00	0.00
2.72	54.75	2.00	0.00	1.00	0.00	2.73	53.17	2.00	0.00	1.00	0.00
2.74	51.91	2.00	0.00	1.00	0.00	2.75	50.65	2.00	0.00	1.00	0.00
2.76	49.53	2.00	0.00	1.00	0.00	2.77	48.74	2.00	0.00	1.00	0.00
2.78	48.06	2.00	0.00	1.00	0.00	2.79	47.70	2.00	0.00	1.00	0.00
2.80	47.50	2.00	0.00	1.00	0.00	2.81	46.93	2.00	0.00	1.00	0.00
2.82	46.02	2.00	0.00	1.00	0.00	2.83	44.88	2.00	0.00	1.00	0.00
2.84	44.42	2.00	0.00	1.00	0.00	2.85	43.34	2.00	0.00	1.00	0.00
2.86	42.16	2.00	0.00	1.00	0.00	2.87	39.48	2.00	0.00	1.00	0.00
2.88	37.94	2.00	0.00	1.00	0.00	2.89	37.90	2.00	0.00	1.00	0.00
2.90	40.21	2.00	0.00	1.00	0.00	2.91	41.03	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.34	2.00	0.00	1.00	0.00	2.93	42.12	2.00	0.00	1.00	0.00
2.94	41.99	2.00	0.00	1.00	0.00	2.95	40.74	2.00	0.00	1.00	0.00
2.96	38.78	2.00	0.00	1.00	0.00	2.97	36.56	2.00	0.00	1.00	0.00
2.98	35.13	2.00	0.00	1.00	0.00	2.99	33.87	2.00	0.00	1.00	0.00
3.00	33.09	2.00	0.00	1.00	0.00	3.01	32.33	2.00	0.00	1.00	0.00
3.02	32.12	2.00	0.00	1.00	0.00	3.03	32.11	2.00	0.00	1.00	0.00
3.04	31.01	2.00	0.00	1.00	0.00	3.05	28.93	2.00	0.00	1.00	0.00
3.06	25.85	2.00	0.00	1.00	0.00	3.07	25.79	2.00	0.00	1.00	0.00
3.08	25.73	2.00	0.00	1.00	0.00	3.09	25.66	2.00	0.00	1.00	0.00
3.10	25.60	2.00	0.00	1.00	0.00	3.11	25.54	2.00	0.00	1.00	0.00
3.12	25.48	2.00	0.00	1.00	0.00	3.13	23.90	2.00	0.00	1.00	0.00
3.14	22.31	2.00	0.00	1.00	0.00	3.15	19.21	2.00	0.00	1.00	0.00
3.16	17.63	2.00	0.00	1.00	0.00	3.17	16.05	2.00	0.00	1.00	0.00
3.18	17.51	2.00	0.00	1.00	0.00	3.19	18.96	2.00	0.00	1.00	0.00
3.20	21.93	2.00	0.00	1.00	0.00	3.21	23.37	2.00	0.00	1.00	0.00
3.22	23.30	2.00	0.00	1.00	0.00	3.23	21.72	2.00	0.00	1.00	0.00
3.24	20.14	2.00	0.00	1.00	0.00	3.25	21.59	2.00	0.00	1.00	0.00
3.26	23.03	2.00	0.00	1.00	0.00	3.27	24.43	2.00	0.00	1.00	0.00
3.28	24.38	2.00	0.00	1.00	0.00	3.29	25.42	2.00	0.00	1.00	0.00
3.30	26.29	2.00	0.00	1.00	0.00	3.31	27.08	2.00	0.00	1.00	0.00
3.32	27.19	2.00	0.00	1.00	0.00	3.33	27.43	2.00	0.00	1.00	0.00
3.34	28.23	2.00	0.00	1.00	0.00	3.35	29.09	2.00	0.00	1.00	0.00
3.36	30.11	2.00	0.00	1.00	0.00	3.37	30.59	2.00	0.00	1.00	0.00
3.38	31.40	2.00	0.00	1.00	0.00	3.39	31.67	2.00	0.00	1.00	0.00
3.40	32.29	2.00	0.00	1.00	0.00	3.41	32.38	2.00	0.00	1.00	0.00
3.42	32.84	2.00	0.00	1.00	0.00	3.43	33.38	2.00	0.00	1.00	0.00
3.44	34.03	2.00	0.00	1.00	0.00	3.45	34.75	2.00	0.00	1.00	0.00
3.46	35.24	2.00	0.00	1.00	0.00	3.47	35.69	2.00	0.00	1.00	0.00
3.48	36.17	2.00	0.00	1.00	0.00	3.49	36.52	2.00	0.00	1.00	0.00
3.50	36.67	2.00	0.00	1.00	0.00	3.51	36.61	2.00	0.00	1.00	0.00
3.52	36.56	2.00	0.00	1.00	0.00	3.53	36.50	2.00	0.00	1.00	0.00
3.54	37.11	2.00	0.00	1.00	0.00	3.55	37.40	2.00	0.00	1.00	0.00
3.56	37.68	2.00	0.00	1.00	0.00	3.57	37.52	2.00	0.00	1.00	0.00
3.58	37.30	2.00	0.00	1.00	0.00	3.59	36.98	2.00	0.00	1.00	0.00
3.60	36.10	2.00	0.00	1.00	0.00	3.61	35.25	2.00	0.00	1.00	0.00
3.62	34.36	2.00	0.00	1.00	0.00	3.63	34.00	2.00	0.00	1.00	0.00
3.64	33.63	2.00	0.00	1.00	0.00	3.65	33.35	2.00	0.00	1.00	0.00
3.66	33.07	2.00	0.00	1.00	0.00	3.67	32.83	2.00	0.00	1.00	0.00
3.68	32.61	2.00	0.00	1.00	0.00	3.69	32.42	2.00	0.00	1.00	0.00
3.70	32.17	2.00	0.00	1.00	0.00	3.71	32.38	2.00	0.00	1.00	0.00
3.72	32.90	2.00	0.00	1.00	0.00	3.73	33.24	2.00	0.00	1.00	0.00
3.74	33.12	2.00	0.00	1.00	0.00	3.75	33.31	2.00	0.00	1.00	0.00
3.76	33.27	2.00	0.00	1.00	0.00	3.77	33.44	2.00	0.00	1.00	0.00
3.78	32.59	2.00	0.00	1.00	0.00	3.79	32.14	2.00	0.00	1.00	0.00
3.80	31.42	2.00	0.00	1.00	0.00	3.81	31.29	2.00	0.00	1.00	0.00
3.82	30.48	2.00	0.00	1.00	0.00	3.83	29.72	2.00	0.00	1.00	0.00
3.84	28.86	2.00	0.00	1.00	0.00	3.85	26.97	2.00	0.00	1.00	0.00
3.86	23.88	2.00	0.00	1.00	0.00	3.87	19.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	17.70	2.00	0.00	1.00	0.00	3.89	16.13	2.00	0.00	1.00	0.00
3.90	16.06	2.00	0.00	1.00	0.00	3.91	15.99	2.00	0.00	1.00	0.00
3.92	15.92	2.00	0.00	1.00	0.00	3.93	21.74	2.00	0.00	1.00	0.00
3.94	25.07	2.00	0.00	1.00	0.00	3.95	24.53	2.00	0.00	1.00	0.00
3.96	23.62	2.00	0.00	1.00	0.00	3.97	22.73	2.00	0.00	1.00	0.00
3.98	21.69	2.00	0.00	1.00	0.00	3.99	20.97	2.00	0.00	1.00	0.00
4.00	19.71	2.00	0.00	1.00	0.00	4.01	19.61	2.00	0.00	1.00	0.00
4.02	19.20	2.00	0.00	1.00	0.00	4.03	18.04	2.00	0.00	1.00	0.00
4.04	16.47	2.00	0.00	1.00	0.00	4.05	14.90	2.00	0.00	1.00	0.00
4.06	13.33	2.00	0.00	1.00	0.00	4.07	11.75	2.00	0.00	1.00	0.00
4.08	10.18	2.00	0.00	1.00	0.00	4.09	10.12	2.00	0.00	1.00	0.00
4.10	10.07	2.00	0.00	1.00	0.00	4.11	11.52	2.00	0.00	1.00	0.00
4.12	12.97	2.00	0.00	1.00	0.00	4.13	14.42	2.00	0.00	1.00	0.00
4.14	14.36	2.00	0.00	1.00	0.00	4.15	14.30	2.00	0.00	1.00	0.00
4.16	14.24	2.00	0.00	1.00	0.00	4.17	14.17	2.00	0.00	1.00	0.00
4.18	14.11	2.00	0.00	1.00	0.00	4.19	12.53	2.00	0.00	1.00	0.00
4.20	10.96	2.00	0.00	1.00	0.00	4.21	9.38	2.00	0.00	1.00	0.00
4.22	9.30	2.00	0.00	1.00	0.00	4.23	9.23	2.00	0.00	1.00	0.00
4.24	9.16	2.00	0.00	1.00	0.00	4.25	9.11	2.00	0.00	1.00	0.00
4.26	10.56	2.00	0.00	1.00	0.00	4.27	12.02	2.00	0.00	1.00	0.00
4.28	13.48	2.00	0.00	1.00	0.00	4.29	13.44	2.00	0.00	1.00	0.00
4.30	13.39	2.00	0.00	1.00	0.00	4.31	13.34	2.00	0.00	1.00	0.00
4.32	13.28	2.00	0.00	1.00	0.00	4.33	13.23	2.00	0.00	1.00	0.00
4.34	13.17	2.00	0.00	1.00	0.00	4.35	14.32	2.00	0.00	1.00	0.00
4.36	14.84	2.00	0.00	1.00	0.00	4.37	14.69	2.00	0.00	1.00	0.00
4.38	13.93	2.00	0.00	1.00	0.00	4.39	12.88	2.00	0.00	1.00	0.00
4.40	12.81	2.00	0.00	1.00	0.00	4.41	12.74	2.00	0.00	1.00	0.00
4.42	12.68	2.00	0.00	1.00	0.00	4.43	12.61	2.00	0.00	1.00	0.00
4.44	12.55	2.00	0.00	1.00	0.00	4.45	10.98	2.00	0.00	1.00	0.00
4.46	9.41	2.00	0.00	1.00	0.00	4.47	9.35	2.00	0.00	1.00	0.00
4.48	10.80	2.00	0.00	1.00	0.00	4.49	12.13	2.00	0.00	1.00	0.00
4.50	11.94	2.00	0.00	1.00	0.00	4.51	11.87	2.00	0.00	1.00	0.00
4.52	11.84	2.00	0.00	1.00	0.00	4.53	11.82	2.00	0.00	1.00	0.00
4.54	11.90	2.00	0.00	1.00	0.00	4.55	11.88	2.00	0.00	1.00	0.00
4.56	11.82	2.00	0.00	1.00	0.00	4.57	11.76	2.00	0.00	1.00	0.00
4.58	11.69	2.00	0.00	1.00	0.00	4.59	11.60	2.00	0.00	1.00	0.00
4.60	11.52	2.00	0.00	1.00	0.00	4.61	11.51	2.00	0.00	1.00	0.00
4.62	11.44	2.00	0.00	1.00	0.00	4.63	11.38	2.00	0.00	1.00	0.00
4.64	9.81	2.00	0.00	1.00	0.00	4.65	9.75	2.00	0.00	1.00	0.00
4.66	9.69	2.00	0.00	1.00	0.00	4.67	11.14	2.00	0.00	1.00	0.00
4.68	9.57	2.00	0.00	1.00	0.00	4.69	8.00	2.00	0.00	1.00	0.00
4.70	6.43	2.00	0.00	1.00	0.00	4.71	6.36	2.00	0.00	1.00	0.00
4.72	6.31	2.00	0.00	1.00	0.00	4.73	6.25	2.00	0.00	1.00	0.00
4.74	6.19	2.00	0.00	1.00	0.00	4.75	6.13	2.00	0.00	1.00	0.00
4.76	6.07	2.00	0.00	1.00	0.00	4.77	6.01	2.00	0.00	1.00	0.00
4.78	5.95	2.00	0.00	1.00	0.00	4.79	7.39	2.00	0.00	1.00	0.00
4.80	8.83	2.00	0.00	1.00	0.00	4.81	10.28	2.00	0.00	1.00	0.00
4.82	8.72	2.00	0.00	1.00	0.00	4.83	8.67	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	8.61	2.00	0.00	1.00	0.00	4.85	10.06	2.00	0.00	1.00	0.00
4.86	10.01	2.00	0.00	1.00	0.00	4.87	9.95	2.00	0.00	1.00	0.00
4.88	9.89	2.00	0.00	1.00	0.00	4.89	9.83	2.00	0.00	1.00	0.00
4.90	9.78	2.00	0.00	1.00	0.00	4.91	9.72	2.00	0.00	1.00	0.00
4.92	9.66	2.00	0.00	1.00	0.00	4.93	10.83	2.00	0.00	1.00	0.00
4.94	11.38	2.00	0.00	1.00	0.00	4.95	11.46	2.00	0.00	1.00	0.00
4.96	11.89	2.00	0.00	1.00	0.00	4.97	11.89	2.00	0.00	1.00	0.00
4.98	12.28	2.00	0.00	1.00	0.00	4.99	12.64	2.00	0.00	1.00	0.00
5.00	13.09	2.00	0.00	1.00	0.00	5.01	13.09	2.00	0.00	1.00	0.00
5.02	13.09	2.00	0.00	1.00	0.00	5.03	13.31	2.00	0.00	1.00	0.00
5.04	13.62	2.00	0.00	1.00	0.00	5.05	13.92	2.00	0.00	1.00	0.00
5.06	13.91	2.00	0.00	1.00	0.00	5.07	13.90	2.00	0.00	1.00	0.00
5.08	13.90	2.00	0.00	1.00	0.00	5.09	13.89	2.00	0.00	1.00	0.00
5.10	13.88	2.00	0.00	1.00	0.00	5.11	13.87	2.00	0.00	1.00	0.00
5.12	13.87	2.00	0.00	1.00	0.00	5.13	14.14	2.00	0.00	1.00	0.00
5.14	14.41	2.00	0.00	1.00	0.00	5.15	14.58	2.00	0.00	1.00	0.00
5.16	14.52	2.00	0.00	1.00	0.00	5.17	14.57	2.00	0.00	1.00	0.00
5.18	14.56	2.00	0.00	1.00	0.00	5.19	14.55	2.00	0.00	1.00	0.00
5.20	14.55	2.00	0.00	1.00	0.00	5.21	14.54	2.00	0.00	1.00	0.00
5.22	14.53	2.00	0.00	1.00	0.00	5.23	14.52	2.00	0.00	1.00	0.00
5.24	14.51	2.00	0.00	1.00	0.00	5.25	14.50	2.00	0.00	1.00	0.00
5.26	15.08	2.00	0.00	1.00	0.00	5.27	15.36	2.00	0.00	1.00	0.00
5.28	15.63	2.00	0.00	1.00	0.00	5.29	15.35	2.00	0.00	1.00	0.00
5.30	15.66	2.00	0.00	1.00	0.00	5.31	16.68	2.00	0.00	1.00	0.00
5.32	-1.00	2.00	0.00	1.00	0.00	5.33	-1.00	2.00	0.00	1.00	0.00
5.34	16.65	2.00	0.00	1.00	0.00	5.35	15.93	2.00	0.00	1.00	0.00
5.36	16.11	2.00	0.00	1.00	0.00	5.37	16.39	2.00	0.00	1.00	0.00
5.38	16.54	2.00	0.00	1.00	0.00	5.39	16.61	2.00	0.00	1.00	0.00
5.40	16.85	2.00	0.00	1.00	0.00	5.41	17.14	2.00	0.00	1.00	0.00
5.42	17.44	2.00	0.00	1.00	0.00	5.43	17.53	2.00	0.00	1.00	0.00
5.44	17.70	2.00	0.00	1.00	0.00	5.45	17.87	2.00	0.00	1.00	0.00
5.46	18.23	2.00	0.00	1.00	0.00	5.47	18.58	2.00	0.00	1.00	0.00
5.48	18.83	2.00	0.00	1.00	0.00	5.49	19.05	2.00	0.00	1.00	0.00
5.50	19.23	2.00	0.00	1.00	0.00	5.51	19.84	2.00	0.00	1.00	0.00
5.52	20.41	2.00	0.00	1.00	0.00	5.53	20.98	2.00	0.00	1.00	0.00
5.54	21.16	2.00	0.00	1.00	0.00	5.55	21.08	2.00	0.00	1.00	0.00
5.56	20.92	2.00	0.00	1.00	0.00	5.57	20.74	2.00	0.00	1.00	0.00
5.58	20.79	2.00	0.00	1.00	0.00	5.59	20.59	2.00	0.00	1.00	0.00
5.60	20.63	2.00	0.00	1.00	0.00	5.61	20.38	2.00	0.00	1.00	0.00
5.62	20.37	2.00	0.00	1.00	0.00	5.63	20.21	2.00	0.00	1.00	0.00
5.64	20.26	2.00	0.00	1.00	0.00	5.65	20.20	2.00	0.00	1.00	0.00
5.66	19.87	2.00	0.00	1.00	0.00	5.67	19.53	2.00	0.00	1.00	0.00
5.68	19.29	2.00	0.00	1.00	0.00	5.69	19.48	2.00	0.00	1.00	0.00
5.70	19.77	2.00	0.00	1.00	0.00	5.71	20.17	2.00	0.00	1.00	0.00
5.72	20.57	2.00	0.00	1.00	0.00	5.73	20.99	2.00	0.00	1.00	0.00
5.74	21.34	2.00	0.00	1.00	0.00	5.75	21.48	2.00	0.00	1.00	0.00
5.76	21.34	2.00	0.00	1.00	0.00	5.77	21.20	2.00	0.00	1.00	0.00
5.78	20.96	2.00	0.00	1.00	0.00	5.79	20.98	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.26	2.00	0.00	1.00	0.00	5.81	21.64	2.00	0.00	1.00	0.00
5.82	21.94	2.00	0.00	1.00	0.00	5.83	22.14	2.00	0.00	1.00	0.00
5.84	22.34	2.00	0.00	1.00	0.00	5.85	22.70	2.00	0.00	1.00	0.00
5.86	22.74	2.00	0.00	1.00	0.00	5.87	22.84	2.00	0.00	1.00	0.00
5.88	22.91	2.00	0.00	1.00	0.00	5.89	23.44	2.00	0.00	1.00	0.00
5.90	23.81	2.00	0.00	1.00	0.00	5.91	24.09	2.00	0.00	1.00	0.00
5.92	23.01	2.00	0.00	1.00	0.00	5.93	21.51	2.00	0.00	1.00	0.00
5.94	20.29	2.00	0.00	1.00	0.00	5.95	20.12	2.00	0.00	1.00	0.00
5.96	20.13	2.00	0.00	1.00	0.00	5.97	20.70	2.00	0.00	1.00	0.00
5.98	21.20	2.00	0.00	1.00	0.00	5.99	21.92	2.00	0.00	1.00	0.00
6.00	22.49	2.00	0.00	1.00	0.00	6.01	23.17	2.00	0.00	1.00	0.00
6.02	23.73	2.00	0.00	1.00	0.00	6.03	24.00	2.00	0.00	1.00	0.00
6.04	24.18	2.00	0.00	1.00	0.00	6.05	24.17	2.00	0.00	1.00	0.00
6.06	23.89	2.00	0.00	1.00	0.00	6.07	23.12	2.00	0.00	1.00	0.00
6.08	22.09	2.00	0.00	1.00	0.00	6.09	21.24	2.00	0.00	1.00	0.00
6.10	20.90	2.00	0.00	1.00	0.00	6.11	21.25	2.00	0.00	1.00	0.00
6.12	21.74	2.00	0.00	1.00	0.00	6.13	22.19	2.00	0.00	1.00	0.00
6.14	22.68	2.00	0.00	1.00	0.00	6.15	23.38	2.00	0.00	1.00	0.00
6.16	24.49	2.00	0.00	1.00	0.00	6.17	25.61	2.00	0.00	1.00	0.00
6.18	26.44	2.00	0.00	1.00	0.00	6.19	26.88	2.00	0.00	1.00	0.00
6.20	26.51	2.00	0.00	1.00	0.00	6.21	25.67	2.00	0.00	1.00	0.00
6.22	24.45	2.00	0.00	1.00	0.00	6.23	23.68	2.00	0.00	1.00	0.00
6.24	23.15	2.00	0.00	1.00	0.00	6.25	23.24	2.00	0.00	1.00	0.00
6.26	23.24	2.00	0.00	1.00	0.00	6.27	23.29	2.00	0.00	1.00	0.00
6.28	22.77	2.00	0.00	1.00	0.00	6.29	22.24	2.00	0.00	1.00	0.00
6.30	21.76	2.00	0.00	1.00	0.00	6.31	22.00	2.00	0.00	1.00	0.00
6.32	22.54	2.00	0.00	1.00	0.00	6.33	23.06	2.00	0.00	1.00	0.00
6.34	23.18	2.00	0.00	1.00	0.00	6.35	23.17	2.00	0.00	1.00	0.00
6.36	23.02	2.00	0.00	1.00	0.00	6.37	23.03	2.00	0.00	1.00	0.00
6.38	23.33	2.00	0.00	1.00	0.00	6.39	23.80	2.00	0.00	1.00	0.00
6.40	24.12	2.00	0.00	1.00	0.00	6.41	24.24	2.00	0.00	1.00	0.00
6.42	24.28	2.00	0.00	1.00	0.00	6.43	24.05	2.00	0.00	1.00	0.00
6.44	23.29	2.00	0.00	1.00	0.00	6.45	22.38	2.00	0.00	1.00	0.00
6.46	21.22	2.00	0.00	1.00	0.00	6.47	20.30	2.00	0.00	1.00	0.00
6.48	19.59	2.00	0.00	1.00	0.00	6.49	19.14	2.00	0.00	1.00	0.00
6.50	18.79	2.00	0.00	1.00	0.00	6.51	18.59	2.00	0.00	1.00	0.00
6.52	18.87	2.00	0.00	1.00	0.00	6.53	19.00	2.00	0.00	1.00	0.00
6.54	19.26	2.00	0.00	1.00	0.00	6.55	19.45	2.00	0.00	1.00	0.00
6.56	19.45	2.00	0.00	1.00	0.00	6.57	19.44	2.00	0.00	1.00	0.00
6.58	19.28	2.00	0.00	1.00	0.00	6.59	19.16	2.00	0.00	1.00	0.00
6.60	19.04	2.00	0.00	1.00	0.00	6.61	19.09	2.00	0.00	1.00	0.00
6.62	19.03	2.00	0.00	1.00	0.00	6.63	19.03	2.00	0.00	1.00	0.00
6.64	19.14	2.00	0.00	1.00	0.00	6.65	19.30	2.00	0.00	1.00	0.00
6.66	19.41	2.00	0.00	1.00	0.00	6.67	19.41	2.00	0.00	1.00	0.00
6.68	19.41	2.00	0.00	1.00	0.00	6.69	19.40	2.00	0.00	1.00	0.00
6.70	19.40	2.00	0.00	1.00	0.00	6.71	19.28	2.00	0.00	1.00	0.00
6.72	19.16	2.00	0.00	1.00	0.00	6.73	19.05	2.00	0.00	1.00	0.00
6.74	19.16	2.00	0.00	1.00	0.00	6.75	19.27	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	19.49	2.00	0.00	1.00	0.00	6.77	19.60	2.00	0.00	1.00	0.00
6.78	19.70	2.00	0.00	1.00	0.00	6.79	19.70	2.00	0.00	1.00	0.00
6.80	19.70	2.00	0.00	1.00	0.00	6.81	19.69	2.00	0.00	1.00	0.00
6.82	19.69	2.00	0.00	1.00	0.00	6.83	19.65	2.00	0.00	1.00	0.00
6.84	19.65	2.00	0.00	1.00	0.00	6.85	19.65	2.00	0.00	1.00	0.00
6.86	19.68	2.00	0.00	1.00	0.00	6.87	19.68	2.00	0.00	1.00	0.00
6.88	19.68	2.00	0.00	1.00	0.00	6.89	19.67	2.00	0.00	1.00	0.00
6.90	19.67	2.00	0.00	1.00	0.00	6.91	19.88	2.00	0.00	1.00	0.00
6.92	19.98	2.00	0.00	1.00	0.00	6.93	19.99	2.00	0.00	1.00	0.00
6.94	19.79	2.00	0.00	1.00	0.00	6.95	19.69	2.00	0.00	1.00	0.00
6.96	19.69	2.00	0.00	1.00	0.00	6.97	19.75	2.00	0.00	1.00	0.00
6.98	19.75	2.00	0.00	1.00	0.00	6.99	19.85	2.00	0.00	1.00	0.00
7.00	20.00	2.00	0.00	1.00	0.00	7.01	20.19	2.00	0.00	1.00	0.00
7.02	20.29	2.00	0.00	1.00	0.00	7.03	20.29	2.00	0.00	1.00	0.00
7.04	20.29	2.00	0.00	1.00	0.00	7.05	20.33	2.00	0.00	1.00	0.00
7.06	20.33	2.00	0.00	1.00	0.00	7.07	20.23	2.00	0.00	1.00	0.00
7.08	20.09	2.00	0.00	1.00	0.00	7.09	19.99	2.00	0.00	1.00	0.00
7.10	19.99	2.00	0.00	1.00	0.00	7.11	19.98	2.00	0.00	1.00	0.00
7.12	19.98	2.00	0.00	1.00	0.00	7.13	19.98	2.00	0.00	1.00	0.00
7.14	19.98	2.00	0.00	1.00	0.00	7.15	20.07	2.00	0.00	1.00	0.00
7.16	20.17	2.00	0.00	1.00	0.00	7.17	20.26	2.00	0.00	1.00	0.00
7.18	20.26	2.00	0.00	1.00	0.00	7.19	20.36	2.00	0.00	1.00	0.00
7.20	20.45	2.00	0.00	1.00	0.00	7.21	20.63	2.00	0.00	1.00	0.00
7.22	20.72	2.00	0.00	1.00	0.00	7.23	20.89	2.00	0.00	1.00	0.00
7.24	20.98	2.00	0.00	1.00	0.00	7.25	21.00	2.00	0.00	1.00	0.00
7.26	20.91	2.00	0.00	1.00	0.00	7.27	20.83	2.00	0.00	1.00	0.00
7.28	20.80	2.00	0.00	1.00	0.00	7.29	20.80	2.00	0.00	1.00	0.00
7.30	20.80	2.00	0.00	1.00	0.00	7.31	20.80	2.00	0.00	1.00	0.00
7.32	20.80	2.00	0.00	1.00	0.00	7.33	20.79	2.00	0.00	1.00	0.00
7.34	20.79	2.00	0.00	1.00	0.00	7.35	20.79	2.00	0.00	1.00	0.00
7.36	20.88	2.00	0.00	1.00	0.00	7.37	21.13	2.00	0.00	1.00	0.00
7.38	21.46	2.00	0.00	1.00	0.00	7.39	21.84	2.00	0.00	1.00	0.00
7.40	22.28	2.00	0.00	1.00	0.00	7.41	22.78	2.00	0.00	1.00	0.00
7.42	23.17	2.00	0.00	1.00	0.00	7.43	23.24	2.00	0.00	1.00	0.00
7.44	23.32	2.00	0.00	1.00	0.00	7.45	23.27	2.00	0.00	1.00	0.00
7.46	25.13	2.00	0.00	1.00	0.00	7.47	26.25	2.00	0.00	1.00	0.00
7.48	25.68	2.00	0.00	1.00	0.00	7.49	24.39	2.00	0.00	1.00	0.00
7.50	23.85	2.00	0.00	1.00	0.00	7.51	23.36	2.00	0.00	1.00	0.00
7.52	23.00	2.00	0.00	1.00	0.00	7.53	22.48	2.00	0.00	1.00	0.00
7.54	22.35	2.00	0.00	1.00	0.00	7.55	22.06	2.00	0.00	1.00	0.00
7.56	21.98	2.00	0.00	1.00	0.00	7.57	21.89	2.00	0.00	1.00	0.00
7.58	21.65	2.00	0.00	1.00	0.00	7.59	21.00	2.00	0.00	1.00	0.00
7.60	20.66	2.00	0.00	1.00	0.00	7.61	20.55	2.00	0.00	1.00	0.00
7.62	20.62	2.00	0.00	1.00	0.00	7.63	20.61	2.00	0.00	1.00	0.00
7.64	20.69	2.00	0.00	1.00	0.00	7.65	20.77	2.00	0.00	1.00	0.00
7.66	20.85	2.00	0.00	1.00	0.00	7.67	20.93	2.00	0.00	1.00	0.00
7.68	21.08	2.00	0.00	1.00	0.00	7.69	21.23	2.00	0.00	1.00	0.00
7.70	21.37	2.00	0.00	1.00	0.00	7.71	21.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	21.51	2.00	0.00	1.00	0.00	7.73	21.51	2.00	0.00	1.00	0.00
7.74	21.48	2.00	0.00	1.00	0.00	7.75	21.47	2.00	0.00	1.00	0.00
7.76	21.47	2.00	0.00	1.00	0.00	7.77	21.47	2.00	0.00	1.00	0.00
7.78	21.45	2.00	0.00	1.00	0.00	7.79	21.45	2.00	0.00	1.00	0.00
7.80	21.47	2.00	0.00	1.00	0.00	7.81	21.47	2.00	0.00	1.00	0.00
7.82	21.47	2.00	0.00	1.00	0.00	7.83	21.45	2.00	0.00	1.00	0.00
7.84	21.44	2.00	0.00	1.00	0.00	7.85	21.51	2.00	0.00	1.00	0.00
7.86	21.59	2.00	0.00	1.00	0.00	7.87	21.67	2.00	0.00	1.00	0.00
7.88	21.67	2.00	0.00	1.00	0.00	7.89	21.65	2.00	0.00	1.00	0.00
7.90	21.55	2.00	0.00	1.00	0.00	7.91	21.60	2.00	0.00	1.00	0.00
7.92	21.66	2.00	0.00	1.00	0.00	7.93	21.77	2.00	0.00	1.00	0.00
7.94	21.70	2.00	0.00	1.00	0.00	7.95	21.71	2.00	0.00	1.00	0.00
7.96	21.71	2.00	0.00	1.00	0.00	7.97	21.71	2.00	0.00	1.00	0.00
7.98	21.71	2.00	0.00	1.00	0.00	7.99	21.71	2.00	0.00	1.00	0.00
8.00	21.64	2.00	0.00	1.00	0.00	8.01	21.64	2.00	0.00	1.00	0.00
8.02	21.64	2.00	0.00	1.00	0.00	8.03	21.71	2.00	0.00	1.00	0.00
8.04	21.70	2.00	0.00	1.00	0.00	8.05	21.63	2.00	0.00	1.00	0.00
8.06	21.56	2.00	0.00	1.00	0.00	8.07	21.49	2.00	0.00	1.00	0.00
8.08	21.42	2.00	0.00	1.00	0.00	8.09	21.34	2.00	0.00	1.00	0.00
8.10	21.27	2.00	0.00	1.00	0.00	8.11	21.19	2.00	0.00	1.00	0.00
8.12	21.19	2.00	0.00	1.00	0.00	8.13	21.19	2.00	0.00	1.00	0.00
8.14	21.26	2.00	0.00	1.00	0.00	8.15	21.34	2.00	0.00	1.00	0.00
8.16	21.41	2.00	0.00	1.00	0.00	8.17	21.48	2.00	0.00	1.00	0.00
8.18	21.55	2.00	0.00	1.00	0.00	8.19	21.65	2.00	0.00	1.00	0.00
8.20	21.71	2.00	0.00	1.00	0.00	8.21	21.71	2.00	0.00	1.00	0.00
8.22	21.68	2.00	0.00	1.00	0.00	8.23	21.68	2.00	0.00	1.00	0.00
8.24	21.68	2.00	0.00	1.00	0.00	8.25	21.68	2.00	0.00	1.00	0.00
8.26	21.74	2.00	0.00	1.00	0.00	8.27	21.81	2.00	0.00	1.00	0.00
8.28	21.87	2.00	0.00	1.00	0.00	8.29	22.00	2.00	0.00	1.00	0.00
8.30	22.20	2.00	0.00	1.00	0.00	8.31	22.50	2.00	0.00	1.00	0.00
8.32	22.76	2.00	0.00	1.00	0.00	8.33	23.12	2.00	0.00	1.00	0.00
8.34	23.41	2.00	0.00	1.00	0.00	8.35	23.54	2.00	0.00	1.00	0.00
8.36	23.57	2.00	0.00	1.00	0.00	8.37	24.04	2.00	0.00	1.00	0.00
8.38	26.08	2.00	0.00	1.00	0.00	8.39	24.90	2.00	0.00	1.00	0.00
8.40	22.62	2.00	0.00	1.00	0.00	8.41	23.11	2.00	0.00	1.00	0.00
8.42	23.59	2.00	0.00	1.00	0.00	8.43	23.45	2.00	0.00	1.00	0.00
8.44	23.49	2.00	0.00	1.00	0.00	8.45	23.70	2.00	0.00	1.00	0.00
8.46	23.98	2.00	0.00	1.00	0.00	8.47	24.25	2.00	0.00	1.00	0.00
8.48	24.58	2.00	0.00	1.00	0.00	8.49	25.05	2.00	0.00	1.00	0.00
8.50	24.93	2.00	0.00	1.00	0.00	8.51	24.63	2.00	0.00	1.00	0.00
8.52	23.89	2.00	0.00	1.00	0.00	8.53	22.98	2.00	0.00	1.00	0.00
8.54	22.12	2.00	0.00	1.00	0.00	8.55	21.89	2.00	0.00	1.00	0.00
8.56	21.96	2.00	0.00	1.00	0.00	8.57	21.94	2.00	0.00	1.00	0.00
8.58	22.01	2.00	0.00	1.00	0.00	8.59	22.09	2.00	0.00	1.00	0.00
8.60	22.25	2.00	0.00	1.00	0.00	8.61	22.92	2.00	0.00	1.00	0.00
8.62	24.13	2.00	0.00	1.00	0.00	8.63	25.76	2.00	0.00	1.00	0.00
8.64	25.91	2.00	0.00	1.00	0.00	8.65	26.06	2.00	0.00	1.00	0.00
8.66	26.06	2.00	0.00	1.00	0.00	8.67	26.05	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	25.89	2.00	0.00	1.00	0.00	8.69	25.73	2.00	0.00	1.00	0.00
8.70	25.57	2.00	0.00	1.00	0.00	8.71	25.57	2.00	0.00	1.00	0.00
8.72	24.09	2.00	0.00	1.00	0.00	8.73	23.27	2.00	0.00	1.00	0.00
8.74	23.84	2.00	0.00	1.00	0.00	8.75	26.81	2.00	0.00	1.00	0.00
8.76	32.77	2.00	0.00	1.00	0.00	8.77	25.22	2.00	0.00	1.00	0.00
8.78	25.37	2.00	0.00	1.00	0.00	8.79	25.65	2.00	0.00	1.00	0.00
8.80	28.80	2.00	0.00	1.00	0.00	8.81	29.16	2.00	0.00	1.00	0.00
8.82	35.15	2.00	0.00	1.00	0.00	8.83	35.14	2.00	0.00	1.00	0.00
8.84	29.34	2.00	0.00	1.00	0.00	8.85	25.18	2.00	0.00	1.00	0.00
8.86	23.75	2.00	0.00	1.00	0.00	8.87	22.61	2.00	0.00	1.00	0.00
8.88	22.56	2.00	0.00	1.00	0.00	8.89	22.85	2.00	0.00	1.00	0.00
8.90	22.99	2.00	0.00	1.00	0.00	8.91	22.75	2.00	0.00	1.00	0.00
8.92	22.61	2.00	0.00	1.00	0.00	8.93	22.55	2.00	0.00	1.00	0.00
8.94	22.62	2.00	0.00	1.00	0.00	8.95	22.67	2.00	0.00	1.00	0.00
8.96	22.73	2.00	0.00	1.00	0.00	8.97	22.75	2.00	0.00	1.00	0.00
8.98	22.75	2.00	0.00	1.00	0.00	8.99	22.91	2.00	0.00	1.00	0.00
9.00	23.16	2.00	0.00	1.00	0.00	9.01	23.62	2.00	0.00	1.00	0.00
9.02	23.54	2.00	0.00	1.00	0.00	9.03	23.46	2.00	0.00	1.00	0.00
9.04	23.37	2.00	0.00	1.00	0.00	9.05	23.29	2.00	0.00	1.00	0.00
9.06	23.02	2.00	0.00	1.00	0.00	9.07	22.94	2.00	0.00	1.00	0.00
9.08	22.81	2.00	0.00	1.00	0.00	9.09	22.71	2.00	0.00	1.00	0.00
9.10	22.64	2.00	0.00	1.00	0.00	9.11	22.78	2.00	0.00	1.00	0.00
9.12	22.85	2.00	0.00	1.00	0.00	9.13	22.99	2.00	0.00	1.00	0.00
9.14	23.04	2.00	0.00	1.00	0.00	9.15	23.15	2.00	0.00	1.00	0.00
9.16	23.34	2.00	0.00	1.00	0.00	9.17	23.54	2.00	0.00	1.00	0.00
9.18	23.96	2.00	0.00	1.00	0.00	9.19	24.22	2.00	0.00	1.00	0.00
9.20	24.22	2.00	0.00	1.00	0.00	9.21	25.28	2.00	0.00	1.00	0.00
9.22	28.42	2.00	0.00	1.00	0.00	9.23	-1.00	2.00	0.00	1.00	0.00
9.24	38.51	2.00	0.00	1.00	0.00	9.25	25.70	2.00	0.00	1.00	0.00
9.26	23.46	2.00	0.00	1.00	0.00	9.27	23.04	2.00	0.00	1.00	0.00
9.28	23.19	2.00	0.00	1.00	0.00	9.29	23.77	2.00	0.00	1.00	0.00
9.30	24.53	2.00	0.00	1.00	0.00	9.31	25.18	2.00	0.00	1.00	0.00
9.32	25.57	2.00	0.00	1.00	0.00	9.33	25.92	2.00	0.00	1.00	0.00
9.34	26.16	2.00	0.00	1.00	0.00	9.35	26.08	2.00	0.00	1.00	0.00
9.36	25.83	2.00	0.00	1.00	0.00	9.37	25.59	2.00	0.00	1.00	0.00
9.38	25.42	2.00	0.00	1.00	0.00	9.39	25.19	2.00	0.00	1.00	0.00
9.40	25.07	2.00	0.00	1.00	0.00	9.41	25.10	2.00	0.00	1.00	0.00
9.42	24.96	2.00	0.00	1.00	0.00	9.43	24.66	2.00	0.00	1.00	0.00
9.44	24.27	2.00	0.00	1.00	0.00	9.45	24.10	2.00	0.00	1.00	0.00
9.46	24.10	2.00	0.00	1.00	0.00	9.47	24.16	2.00	0.00	1.00	0.00
9.48	24.05	2.00	0.00	1.00	0.00	9.49	23.93	2.00	0.00	1.00	0.00
9.50	23.78	2.00	0.00	1.00	0.00	9.51	23.81	2.00	0.00	1.00	0.00
9.52	24.03	2.00	0.00	1.00	0.00	9.53	24.40	2.00	0.00	1.00	0.00
9.54	24.70	2.00	0.00	1.00	0.00	9.55	24.90	2.00	0.00	1.00	0.00
9.56	25.12	2.00	0.00	1.00	0.00	9.57	25.60	2.00	0.00	1.00	0.00
9.58	26.34	2.00	0.00	1.00	0.00	9.59	26.93	2.00	0.00	1.00	0.00
9.60	27.21	2.00	0.00	1.00	0.00	9.61	27.32	2.00	0.00	1.00	0.00
9.62	27.35	2.00	0.00	1.00	0.00	9.63	27.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	27.19	2.00	0.00	1.00	0.00	9.65	27.10	2.00	0.00	1.00	0.00
9.66	27.05	2.00	0.00	1.00	0.00	9.67	26.84	2.00	0.00	1.00	0.00
9.68	26.50	2.00	0.00	1.00	0.00	9.69	26.08	2.00	0.00	1.00	0.00
9.70	25.58	2.00	0.00	1.00	0.00	9.71	25.34	2.00	0.00	1.00	0.00
9.72	25.22	2.00	0.00	1.00	0.00	9.73	25.43	2.00	0.00	1.00	0.00
9.74	25.35	2.00	0.00	1.00	0.00	9.75	25.18	2.00	0.00	1.00	0.00
9.76	25.13	2.00	0.00	1.00	0.00	9.77	25.37	2.00	0.00	1.00	0.00
9.78	25.74	2.00	0.00	1.00	0.00	9.79	25.97	2.00	0.00	1.00	0.00
9.80	26.07	2.00	0.00	1.00	0.00	9.81	26.34	2.00	0.00	1.00	0.00
9.82	27.09	2.00	0.00	1.00	0.00	9.83	27.81	2.00	0.00	1.00	0.00
9.84	28.49	2.00	0.00	1.00	0.00	9.85	29.00	2.00	0.00	1.00	0.00
9.86	29.54	2.00	0.00	1.00	0.00	9.87	29.77	2.00	0.00	1.00	0.00
9.88	29.71	2.00	0.00	1.00	0.00	9.89	29.60	2.00	0.00	1.00	0.00
9.90	27.68	2.00	0.00	1.00	0.00	9.91	25.64	2.00	0.00	1.00	0.00
9.92	24.58	2.00	0.00	1.00	0.00	9.93	24.68	2.00	0.00	1.00	0.00
9.94	25.06	2.00	0.00	1.00	0.00	9.95	26.07	2.00	0.00	1.00	0.00
9.96	24.38	2.00	0.00	1.00	0.00	9.97	25.11	2.00	0.00	1.00	0.00
9.98	27.39	2.00	0.00	1.00	0.00	9.99	29.84	2.00	0.00	1.00	0.00
10.00	31.43	2.00	0.00	1.00	0.00	10.01	32.23	2.00	0.00	1.00	0.00
10.02	33.91	2.00	0.00	1.00	0.00	10.03	36.07	2.00	0.00	1.00	0.00
10.04	38.57	2.00	0.00	1.00	0.00	10.05	41.65	2.00	0.00	1.00	0.00
10.06	45.20	2.00	0.00	1.00	0.00	10.07	49.03	2.00	0.00	1.00	0.00
10.08	53.02	2.00	0.00	1.00	0.00	10.09	56.82	2.00	0.00	1.00	0.00
10.10	60.20	2.00	0.00	1.00	0.00	10.11	62.51	2.00	0.00	1.00	0.00
10.12	64.63	2.00	0.00	1.00	0.00	10.13	67.25	2.00	0.00	1.00	0.00
10.14	71.68	2.00	0.00	1.00	0.00	10.15	76.40	2.00	0.00	1.00	0.00
10.16	81.10	2.00	0.00	1.00	0.00	10.17	84.97	2.00	0.00	1.00	0.00
10.18	88.39	2.00	0.00	1.00	0.00	10.19	91.21	2.00	0.00	1.00	0.00
10.20	93.13	2.00	0.00	1.00	0.00	10.21	94.12	2.00	0.00	1.00	0.00
10.22	94.36	2.00	0.00	1.00	0.00	10.23	93.84	2.00	0.00	1.00	0.00
10.24	93.62	2.00	0.00	1.00	0.00	10.25	93.33	2.00	0.00	1.00	0.00
10.26	93.34	2.00	0.00	1.00	0.00	10.27	93.20	2.00	0.00	1.00	0.00
10.28	93.05	2.00	0.00	1.00	0.00	10.29	93.17	2.00	0.00	1.00	0.00
10.30	93.40	2.00	0.00	1.00	0.00	10.31	93.56	2.00	0.00	1.00	0.00
10.32	92.01	2.00	0.00	1.00	0.00	10.33	89.46	2.00	0.00	1.00	0.00
10.34	86.41	2.00	0.00	1.00	0.00	10.35	84.88	2.00	0.00	1.00	0.00
10.36	83.55	2.00	0.00	1.00	0.00	10.37	82.22	2.00	0.00	1.00	0.00
10.38	81.85	2.00	0.00	1.00	0.00	10.39	82.72	2.00	0.00	1.00	0.00
10.40	84.71	2.00	0.00	1.00	0.00	10.41	88.42	2.00	0.00	1.00	0.00
10.42	92.20	2.00	0.00	1.00	0.00	10.43	95.97	2.00	0.00	1.00	0.00
10.44	99.38	2.00	0.00	1.00	0.00	10.45	103.25	2.00	0.00	1.00	0.00
10.46	107.39	2.00	0.00	1.00	0.00	10.47	110.68	2.00	0.00	1.00	0.00
10.48	111.98	2.00	0.00	1.00	0.00	10.49	112.23	2.00	0.00	1.00	0.00
10.50	112.31	2.00	0.00	1.00	0.00	10.51	114.00	2.00	0.00	1.00	0.00
10.52	115.93	2.00	0.00	1.00	0.00	10.53	118.03	2.00	0.00	1.00	0.00
10.54	119.82	2.00	0.00	1.00	0.00	10.55	122.20	2.00	0.00	1.00	0.00
10.56	124.48	2.00	0.00	1.00	0.00	10.57	126.47	2.00	0.00	1.00	0.00
10.58	128.16	2.00	0.00	1.00	0.00	10.59	128.82	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	127.91	2.00	0.00	1.00	0.00	10.61	125.31	2.00	0.00	1.00	0.00
10.62	122.10	2.00	0.00	1.00	0.00	10.63	121.01	2.00	0.00	1.00	0.00
10.64	121.30	2.00	0.00	1.00	0.00	10.65	123.20	2.00	0.00	1.00	0.00
10.66	126.39	2.00	0.00	1.00	0.00	10.67	129.63	2.00	0.00	1.00	0.00
10.68	133.23	2.00	0.00	1.00	0.00	10.69	137.40	2.00	0.00	1.00	0.00
10.70	141.85	2.00	0.00	1.00	0.00	10.71	146.03	2.00	0.00	1.00	0.00
10.72	149.00	2.00	0.00	1.00	0.00	10.73	152.11	2.00	0.00	1.00	0.00
10.74	155.30	2.00	0.00	1.00	0.00	10.75	157.02	2.00	0.00	1.00	0.00
10.76	158.90	2.00	0.00	1.00	0.00	10.77	160.51	2.00	0.00	1.00	0.00
10.78	162.53	2.00	0.00	1.00	0.00	10.79	163.48	2.00	0.00	1.00	0.00
10.80	163.12	2.00	0.00	1.00	0.00	10.81	161.81	2.00	0.00	1.00	0.00
10.82	160.30	2.00	0.00	1.00	0.00	10.83	158.58	2.00	0.00	1.00	0.00
10.84	156.59	2.00	0.00	1.00	0.00	10.85	153.49	2.00	0.00	1.00	0.00
10.86	150.07	2.00	0.00	1.00	0.00	10.87	145.98	2.00	0.00	1.00	0.00
10.88	143.59	2.00	0.00	1.00	0.00	10.89	142.22	2.00	0.00	1.00	0.00
10.90	134.89	2.00	0.00	1.00	0.00	10.91	123.69	2.00	0.00	1.00	0.00
10.92	108.76	2.00	0.00	1.00	0.00	10.93	102.01	2.00	0.00	1.00	0.00
10.94	96.33	0.76	2.15	1.00	0.02	10.95	92.19	0.71	2.50	1.00	0.02
10.96	90.76	0.70	2.53	1.00	0.03	10.97	90.70	0.70	2.53	1.00	0.03
10.98	92.29	0.71	2.50	1.00	0.02	10.99	96.57	0.76	2.14	1.00	0.02
11.00	100.27	0.81	2.02	1.00	0.02	11.01	107.03	0.91	1.42	1.00	0.01
11.02	113.17	1.00	0.79	1.00	0.01	11.03	121.36	2.00	0.00	1.00	0.00
11.04	127.08	2.00	0.00	1.00	0.00	11.05	133.83	2.00	0.00	1.00	0.00
11.06	141.28	2.00	0.00	1.00	0.00	11.07	148.54	2.00	0.00	1.00	0.00
11.08	153.65	2.00	0.00	1.00	0.00	11.09	156.53	2.00	0.00	1.00	0.00
11.10	158.25	2.00	0.00	1.00	0.00	11.11	160.46	2.00	0.00	1.00	0.00
11.12	161.96	2.00	0.00	1.00	0.00	11.13	162.65	2.00	0.00	1.00	0.00
11.14	161.47	2.00	0.00	1.00	0.00	11.15	160.12	2.00	0.00	1.00	0.00
11.16	159.02	2.00	0.00	1.00	0.00	11.17	158.62	2.00	0.00	1.00	0.00
11.18	158.05	2.00	0.00	1.00	0.00	11.19	157.72	2.00	0.00	1.00	0.00
11.20	157.45	2.00	0.00	1.00	0.00	11.21	157.16	2.00	0.00	1.00	0.00
11.22	156.42	2.00	0.00	1.00	0.00	11.23	154.04	2.00	0.00	1.00	0.00
11.24	151.36	2.00	0.00	1.00	0.00	11.25	147.78	2.00	0.00	1.00	0.00
11.26	143.77	2.00	0.00	1.00	0.00	11.27	140.04	2.00	0.00	1.00	0.00
11.28	137.16	2.00	0.00	1.00	0.00	11.29	136.08	2.00	0.00	1.00	0.00
11.30	135.18	2.00	0.00	1.00	0.00	11.31	134.63	2.00	0.00	1.00	0.00
11.32	134.51	2.00	0.00	1.00	0.00	11.33	134.57	2.00	0.00	1.00	0.00
11.34	134.26	2.00	0.00	1.00	0.00	11.35	133.75	2.00	0.00	1.00	0.00
11.36	133.41	2.00	0.00	1.00	0.00	11.37	133.23	2.00	0.00	1.00	0.00
11.38	132.61	2.00	0.00	1.00	0.00	11.39	131.55	2.00	0.00	1.00	0.00
11.40	129.90	2.00	0.00	1.00	0.00	11.41	128.12	2.00	0.00	1.00	0.00
11.42	125.66	2.00	0.00	1.00	0.00	11.43	121.75	2.00	0.00	1.00	0.00
11.44	117.58	2.00	0.00	1.00	0.00	11.45	113.82	1.04	0.78	1.00	0.01
11.46	111.72	1.00	0.80	1.00	0.01	11.47	110.20	0.98	0.81	1.00	0.01
11.48	109.28	0.96	0.81	1.00	0.01	11.49	109.65	0.97	0.81	1.00	0.01
11.50	110.78	0.99	0.80	1.00	0.01	11.51	112.12	2.00	0.00	1.00	0.00
11.52	112.88	2.00	0.00	1.00	0.00	11.53	113.49	2.00	0.00	1.00	0.00
11.54	114.87	2.00	0.00	1.00	0.00	11.55	116.56	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	117.96	2.00	0.00	1.00	0.00	11.57	119.03	2.00	0.00	1.00	0.00
11.58	120.19	2.00	0.00	1.00	0.00	11.59	121.64	2.00	0.00	1.00	0.00
11.60	122.62	1.21	0.35	1.00	0.00	11.61	123.12	1.22	0.35	1.00	0.00
11.62	122.99	1.22	0.35	1.00	0.00	11.63	121.14	1.18	0.35	1.00	0.00
11.64	117.43	1.11	0.50	1.00	0.00	11.65	112.41	1.02	0.79	1.00	0.01
11.66	107.35	0.94	1.41	1.00	0.01	11.67	103.11	0.88	1.50	1.00	0.01
11.68	99.04	0.82	2.06	1.00	0.02	11.69	96.05	0.79	2.15	1.00	0.02
11.70	94.45	0.77	2.21	1.00	0.02	11.71	95.36	2.00	0.00	1.00	0.00
11.72	97.08	2.00	0.00	1.00	0.00	11.73	98.57	2.00	0.00	1.00	0.00
11.74	99.43	2.00	0.00	1.00	0.00	11.75	100.75	2.00	0.00	1.00	0.00
11.76	101.96	2.00	0.00	1.00	0.00	11.77	102.80	2.00	0.00	1.00	0.00
11.78	103.10	2.00	0.00	1.00	0.00	11.79	104.31	2.00	0.00	1.00	0.00
11.80	104.76	2.00	0.00	1.00	0.00	11.81	104.43	2.00	0.00	1.00	0.00
11.82	102.79	2.00	0.00	1.00	0.00	11.83	101.27	2.00	0.00	1.00	0.00
11.84	99.42	2.00	0.00	1.00	0.00	11.85	97.01	2.00	0.00	1.00	0.00
11.86	94.55	2.00	0.00	1.00	0.00	11.87	93.04	2.00	0.00	1.00	0.00
11.88	92.45	2.00	0.00	1.00	0.00	11.89	92.48	2.00	0.00	1.00	0.00
11.90	93.80	2.00	0.00	1.00	0.00	11.91	97.18	2.00	0.00	1.00	0.00
11.92	100.61	2.00	0.00	1.00	0.00	11.93	102.74	2.00	0.00	1.00	0.00
11.94	102.97	2.00	0.00	1.00	0.00	11.95	103.62	2.00	0.00	1.00	0.00
11.96	104.99	2.00	0.00	1.00	0.00	11.97	107.91	2.00	0.00	1.00	0.00
11.98	111.06	2.00	0.00	1.00	0.00	11.99	114.14	2.00	0.00	1.00	0.00
12.00	116.09	2.00	0.00	1.00	0.00	12.01	117.67	2.00	0.00	1.00	0.00
12.02	118.79	2.00	0.00	1.00	0.00	12.03	119.71	2.00	0.00	1.00	0.00
12.04	120.80	2.00	0.00	1.00	0.00	12.05	122.23	2.00	0.00	1.00	0.00
12.06	124.38	2.00	0.00	1.00	0.00	12.07	126.90	2.00	0.00	1.00	0.00
12.08	129.41	2.00	0.00	1.00	0.00	12.09	130.67	2.00	0.00	1.00	0.00
12.10	130.64	2.00	0.00	1.00	0.00	12.11	129.76	2.00	0.00	1.00	0.00
12.12	128.78	2.00	0.00	1.00	0.00	12.13	127.70	2.00	0.00	1.00	0.00
12.14	126.56	2.00	0.00	1.00	0.00	12.15	128.05	2.00	0.00	1.00	0.00
12.16	130.09	2.00	0.00	1.00	0.00	12.17	131.77	2.00	0.00	1.00	0.00
12.18	131.03	2.00	0.00	1.00	0.00	12.19	129.32	2.00	0.00	1.00	0.00
12.20	127.23	2.00	0.00	1.00	0.00	12.21	124.91	2.00	0.00	1.00	0.00
12.22	122.55	2.00	0.00	1.00	0.00	12.23	119.72	2.00	0.00	1.00	0.00
12.24	117.53	2.00	0.00	1.00	0.00	12.25	115.79	2.00	0.00	1.00	0.00
12.26	115.36	2.00	0.00	1.00	0.00	12.27	114.83	2.00	0.00	1.00	0.00
12.28	114.52	2.00	0.00	1.00	0.00	12.29	113.24	2.00	0.00	1.00	0.00
12.30	111.91	2.00	0.00	1.00	0.00	12.31	110.39	2.00	0.00	1.00	0.00
12.32	109.51	2.00	0.00	1.00	0.00	12.33	107.90	2.00	0.00	1.00	0.00
12.34	106.50	2.00	0.00	1.00	0.00	12.35	105.33	2.00	0.00	1.00	0.00
12.36	105.29	2.00	0.00	1.00	0.00	12.37	106.08	2.00	0.00	1.00	0.00
12.38	107.63	2.00	0.00	1.00	0.00	12.39	109.33	2.00	0.00	1.00	0.00
12.40	110.76	2.00	0.00	1.00	0.00	12.41	113.00	2.00	0.00	1.00	0.00
12.42	115.76	2.00	0.00	1.00	0.00	12.43	118.97	2.00	0.00	1.00	0.00
12.44	122.44	2.00	0.00	1.00	0.00	12.45	126.05	2.00	0.00	1.00	0.00
12.46	129.67	2.00	0.00	1.00	0.00	12.47	132.34	2.00	0.00	1.00	0.00
12.48	134.21	2.00	0.00	1.00	0.00	12.49	135.49	2.00	0.00	1.00	0.00
12.50	136.84	2.00	0.00	1.00	0.00	12.51	137.95	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	138.74	2.00	0.00	1.00	0.00	12.53	138.75	2.00	0.00	1.00	0.00
12.54	138.65	2.00	0.00	1.00	0.00	12.55	138.26	2.00	0.00	1.00	0.00
12.56	137.55	2.00	0.00	1.00	0.00	12.57	137.16	2.00	0.00	1.00	0.00
12.58	137.12	2.00	0.00	1.00	0.00	12.59	137.39	2.00	0.00	1.00	0.00
12.60	137.69	2.00	0.00	1.00	0.00	12.61	138.07	2.00	0.00	1.00	0.00
12.62	138.49	2.00	0.00	1.00	0.00	12.63	137.94	2.00	0.00	1.00	0.00
12.64	136.69	2.00	0.00	1.00	0.00	12.65	135.07	2.00	0.00	1.00	0.00
12.66	133.40	2.00	0.00	1.00	0.00	12.67	131.89	2.00	0.00	1.00	0.00
12.68	130.37	2.00	0.00	1.00	0.00	12.69	129.25	2.00	0.00	1.00	0.00
12.70	128.21	2.00	0.00	1.00	0.00	12.71	126.99	2.00	0.00	1.00	0.00
12.72	125.46	2.00	0.00	1.00	0.00	12.73	123.81	2.00	0.00	1.00	0.00
12.74	122.27	2.00	0.00	1.00	0.00	12.75	120.74	2.00	0.00	1.00	0.00
12.76	118.77	2.00	0.00	1.00	0.00	12.77	117.51	2.00	0.00	1.00	0.00
12.78	117.35	2.00	0.00	1.00	0.00	12.79	117.59	2.00	0.00	1.00	0.00
12.80	117.49	2.00	0.00	1.00	0.00	12.81	116.75	2.00	0.00	1.00	0.00
12.82	116.44	2.00	0.00	1.00	0.00	12.83	116.37	2.00	0.00	1.00	0.00
12.84	116.50	2.00	0.00	1.00	0.00	12.85	116.67	2.00	0.00	1.00	0.00
12.86	116.55	2.00	0.00	1.00	0.00	12.87	116.28	2.00	0.00	1.00	0.00
12.88	115.94	2.00	0.00	1.00	0.00	12.89	115.70	2.00	0.00	1.00	0.00
12.90	114.29	2.00	0.00	1.00	0.00	12.91	113.07	2.00	0.00	1.00	0.00
12.92	111.77	2.00	0.00	1.00	0.00	12.93	111.79	2.00	0.00	1.00	0.00
12.94	111.91	2.00	0.00	1.00	0.00	12.95	111.97	2.00	0.00	1.00	0.00
12.96	111.89	2.00	0.00	1.00	0.00	12.97	111.85	2.00	0.00	1.00	0.00
12.98	111.92	2.00	0.00	1.00	0.00	12.99	112.04	2.00	0.00	1.00	0.00
13.00	111.17	2.00	0.00	1.00	0.00	13.01	109.65	2.00	0.00	1.00	0.00
13.02	107.53	2.00	0.00	1.00	0.00	13.03	105.44	2.00	0.00	1.00	0.00
13.04	103.15	2.00	0.00	1.00	0.00	13.05	100.53	2.00	0.00	1.00	0.00
13.06	98.03	2.00	0.00	1.00	0.00	13.07	95.28	2.00	0.00	1.00	0.00
13.08	92.08	2.00	0.00	1.00	0.00	13.09	89.05	2.00	0.00	1.00	0.00
13.10	86.34	2.00	0.00	1.00	0.00	13.11	84.16	2.00	0.00	1.00	0.00
13.12	81.34	2.00	0.00	1.00	0.00	13.13	78.50	2.00	0.00	1.00	0.00
13.14	76.15	2.00	0.00	1.00	0.00	13.15	75.00	2.00	0.00	1.00	0.00
13.16	75.78	2.00	0.00	1.00	0.00	13.17	80.80	2.00	0.00	1.00	0.00
13.18	87.03	2.00	0.00	1.00	0.00	13.19	94.29	2.00	0.00	1.00	0.00
13.20	99.51	2.00	0.00	1.00	0.00	13.21	104.64	2.00	0.00	1.00	0.00
13.22	107.34	2.00	0.00	1.00	0.00	13.23	107.94	2.00	0.00	1.00	0.00
13.24	106.80	2.00	0.00	1.00	0.00	13.25	105.62	2.00	0.00	1.00	0.00
13.26	104.96	2.00	0.00	1.00	0.00	13.27	104.71	2.00	0.00	1.00	0.00
13.28	104.89	2.00	0.00	1.00	0.00	13.29	104.57	2.00	0.00	1.00	0.00
13.30	103.51	2.00	0.00	1.00	0.00	13.31	101.39	2.00	0.00	1.00	0.00
13.32	98.10	2.00	0.00	1.00	0.00	13.33	94.65	2.00	0.00	1.00	0.00
13.34	91.56	2.00	0.00	1.00	0.00	13.35	90.60	2.00	0.00	1.00	0.00
13.36	90.38	2.00	0.00	1.00	0.00	13.37	90.72	2.00	0.00	1.00	0.00
13.38	91.40	2.00	0.00	1.00	0.00	13.39	92.50	2.00	0.00	1.00	0.00
13.40	93.74	2.00	0.00	1.00	0.00	13.41	95.30	2.00	0.00	1.00	0.00
13.42	96.86	2.00	0.00	1.00	0.00	13.43	99.17	2.00	0.00	1.00	0.00
13.44	101.49	2.00	0.00	1.00	0.00	13.45	103.32	2.00	0.00	1.00	0.00
13.46	103.94	2.00	0.00	1.00	0.00	13.47	103.82	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	103.77	2.00	0.00	1.00	0.00	13.49	104.13	2.00	0.00	1.00	0.00
13.50	104.75	2.00	0.00	1.00	0.00	13.51	106.29	2.00	0.00	1.00	0.00
13.52	108.48	2.00	0.00	1.00	0.00	13.53	110.79	2.00	0.00	1.00	0.00
13.54	112.71	2.00	0.00	1.00	0.00	13.55	113.70	2.00	0.00	1.00	0.00
13.56	113.88	2.00	0.00	1.00	0.00	13.57	113.15	2.00	0.00	1.00	0.00
13.58	111.84	2.00	0.00	1.00	0.00	13.59	110.28	2.00	0.00	1.00	0.00
13.60	108.69	2.00	0.00	1.00	0.00	13.61	107.01	2.00	0.00	1.00	0.00
13.62	105.35	2.00	0.00	1.00	0.00	13.63	104.12	2.00	0.00	1.00	0.00
13.64	103.15	2.00	0.00	1.00	0.00	13.65	101.70	2.00	0.00	1.00	0.00
13.66	98.84	2.00	0.00	1.00	0.00	13.67	95.75	2.00	0.00	1.00	0.00
13.68	93.01	2.00	0.00	1.00	0.00	13.69	91.06	2.00	0.00	1.00	0.00
13.70	88.64	2.00	0.00	1.00	0.00	13.71	86.47	0.75	2.63	1.00	0.03
13.72	84.92	0.73	2.67	1.00	0.03	13.73	86.44	0.75	2.63	1.00	0.03
13.74	89.03	0.78	2.41	1.00	0.02	13.75	91.78	0.81	2.30	1.00	0.02
13.76	91.58	2.00	0.00	1.00	0.00	13.77	90.25	2.00	0.00	1.00	0.00
13.78	87.76	2.00	0.00	1.00	0.00	13.79	84.74	2.00	0.00	1.00	0.00
13.80	82.11	0.71	2.75	1.00	0.03	13.81	81.48	0.70	2.76	1.00	0.03
13.82	83.58	0.72	2.71	1.00	0.03	13.83	86.98	0.76	2.49	1.00	0.02
13.84	90.96	0.81	2.33	1.00	0.02	13.85	93.91	0.85	2.23	1.00	0.02
13.86	96.33	0.88	1.66	1.00	0.02	13.87	98.10	0.90	1.61	1.00	0.02
13.88	98.69	0.91	1.60	1.00	0.02	13.89	98.86	0.92	1.59	1.00	0.02
13.90	97.04	0.89	1.64	1.00	0.02	13.91	95.32	0.87	1.68	1.00	0.02
13.92	93.55	0.84	2.24	1.00	0.02	13.93	93.33	0.84	2.25	1.00	0.02
13.94	83.89	0.73	2.70	1.00	0.03	13.95	83.84	0.73	2.70	1.00	0.03
13.96	83.72	0.73	2.70	1.00	0.03	13.97	83.76	0.73	2.70	1.00	0.03
13.98	84.02	0.73	2.70	1.00	0.03	13.99	84.64	0.74	2.68	1.00	0.03
14.00	85.39	0.75	2.66	1.00	0.03	14.01	86.24	0.76	2.52	1.00	0.03
14.02	87.34	0.77	2.48	1.00	0.02	14.03	88.54	0.79	2.43	1.00	0.02
14.04	89.71	0.80	2.38	1.00	0.02	14.05	90.83	0.81	2.34	1.00	0.02
14.06	91.96	0.83	2.30	1.00	0.02	14.07	93.12	0.84	2.25	1.00	0.02
14.08	94.30	0.86	1.71	1.00	0.02	14.09	95.55	0.88	1.68	1.00	0.02
14.10	97.33	0.90	1.63	1.00	0.02	14.11	98.90	0.93	1.59	1.00	0.02
14.12	100.78	0.96	0.88	1.00	0.01	14.13	102.06	0.98	0.87	1.00	0.01
14.14	103.21	1.00	0.86	1.00	0.01	14.15	103.85	1.01	0.85	1.00	0.01
14.16	104.15	1.01	0.85	1.00	0.01	14.17	104.14	1.01	0.85	1.00	0.01
14.18	103.41	1.00	0.86	1.00	0.01	14.19	102.61	0.99	0.86	1.00	0.01
14.20	101.60	0.97	0.87	1.00	0.01	14.21	100.90	0.96	0.88	1.00	0.01
14.22	100.10	0.95	0.88	1.00	0.01	14.23	99.53	0.94	1.58	1.00	0.02
14.24	99.71	0.95	1.57	1.00	0.02	14.25	100.76	0.96	0.88	1.00	0.01
14.26	102.13	0.98	0.87	1.00	0.01	14.27	103.23	1.00	0.86	1.00	0.01
14.28	103.50	1.01	0.86	1.00	0.01	14.29	109.38	1.11	0.52	1.00	0.01
14.30	109.30	1.11	0.52	1.00	0.01	14.31	107.81	1.08	0.53	1.00	0.01
14.32	105.68	1.05	0.84	1.00	0.01	14.33	102.91	1.00	0.86	1.00	0.01
14.34	99.16	0.94	1.59	1.00	0.02	14.35	94.80	0.88	1.70	1.00	0.02
14.36	89.63	0.81	2.38	1.00	0.02	14.37	82.77	0.73	2.73	1.00	0.03
14.38	75.25	0.66	2.95	1.00	0.03	14.39	67.92	0.60	3.21	1.00	0.03
14.40	62.91	0.57	3.42	1.00	0.03	14.41	61.04	0.56	3.50	1.00	0.04
14.42	62.66	0.57	3.43	1.00	0.03	14.43	67.96	0.61	3.21	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	74.08	2.00	0.00	1.00	0.00	14.45	83.14	2.00	0.00	1.00	0.00
14.46	89.44	2.00	0.00	1.00	0.00	14.47	94.52	2.00	0.00	1.00	0.00
14.48	97.09	2.00	0.00	1.00	0.00	14.49	98.89	2.00	0.00	1.00	0.00
14.50	99.17	2.00	0.00	1.00	0.00	14.51	97.11	2.00	0.00	1.00	0.00
14.52	94.17	2.00	0.00	1.00	0.00	14.53	91.31	2.00	0.00	1.00	0.00
14.54	88.91	2.00	0.00	1.00	0.00	14.55	86.83	2.00	0.00	1.00	0.00
14.56	84.70	2.00	0.00	1.00	0.00	14.57	82.16	2.00	0.00	1.00	0.00
14.58	77.91	2.00	0.00	1.00	0.00	14.59	72.55	2.00	0.00	1.00	0.00
14.60	67.78	2.00	0.00	1.00	0.00	14.61	64.62	2.00	0.00	1.00	0.00
14.62	62.94	2.00	0.00	1.00	0.00	14.63	62.46	2.00	0.00	1.00	0.00
14.64	63.71	2.00	0.00	1.00	0.00	14.65	65.31	2.00	0.00	1.00	0.00
14.66	67.09	2.00	0.00	1.00	0.00	14.67	68.82	2.00	0.00	1.00	0.00
14.68	70.41	2.00	0.00	1.00	0.00	14.69	71.94	2.00	0.00	1.00	0.00
14.70	73.56	2.00	0.00	1.00	0.00	14.71	75.08	2.00	0.00	1.00	0.00
14.72	76.40	2.00	0.00	1.00	0.00	14.73	77.19	2.00	0.00	1.00	0.00
14.74	77.74	2.00	0.00	1.00	0.00	14.75	78.07	2.00	0.00	1.00	0.00
14.76	77.85	2.00	0.00	1.00	0.00	14.77	77.32	2.00	0.00	1.00	0.00
14.78	76.49	2.00	0.00	1.00	0.00	14.79	75.25	2.00	0.00	1.00	0.00
14.80	73.67	2.00	0.00	1.00	0.00	14.81	72.10	2.00	0.00	1.00	0.00
14.82	70.90	2.00	0.00	1.00	0.00	14.83	69.99	2.00	0.00	1.00	0.00
14.84	68.83	2.00	0.00	1.00	0.00	14.85	67.82	2.00	0.00	1.00	0.00
14.86	66.97	2.00	0.00	1.00	0.00	14.87	66.70	2.00	0.00	1.00	0.00
14.88	66.63	2.00	0.00	1.00	0.00	14.89	66.70	2.00	0.00	1.00	0.00
14.90	66.41	2.00	0.00	1.00	0.00	14.91	67.00	2.00	0.00	1.00	0.00
14.92	67.80	2.00	0.00	1.00	0.00	14.93	69.21	2.00	0.00	1.00	0.00
14.94	70.48	2.00	0.00	1.00	0.00	14.95	72.11	2.00	0.00	1.00	0.00
14.96	73.94	2.00	0.00	1.00	0.00	14.97	75.81	2.00	0.00	1.00	0.00
14.98	77.31	2.00	0.00	1.00	0.00	14.99	78.58	2.00	0.00	1.00	0.00
15.00	79.39	2.00	0.00	1.00	0.00	15.01	80.15	2.00	0.00	1.00	0.00
15.02	80.59	2.00	0.00	1.00	0.00	15.03	80.92	2.00	0.00	1.00	0.00
15.04	81.28	2.00	0.00	1.00	0.00	15.05	81.90	2.00	0.00	1.00	0.00
15.06	82.53	2.00	0.00	1.00	0.00	15.07	83.57	2.00	0.00	1.00	0.00
15.08	84.46	2.00	0.00	1.00	0.00	15.09	84.92	2.00	0.00	1.00	0.00
15.10	84.52	2.00	0.00	1.00	0.00	15.11	83.79	2.00	0.00	1.00	0.00
15.12	83.02	2.00	0.00	1.00	0.00	15.13	82.47	2.00	0.00	1.00	0.00
15.14	82.11	2.00	0.00	1.00	0.00	15.15	82.73	2.00	0.00	1.00	0.00
15.16	83.45	2.00	0.00	1.00	0.00	15.17	84.14	2.00	0.00	1.00	0.00
15.18	83.92	2.00	0.00	1.00	0.00	15.19	83.45	2.00	0.00	1.00	0.00
15.20	82.85	2.00	0.00	1.00	0.00	15.21	82.46	2.00	0.00	1.00	0.00
15.22	82.31	2.00	0.00	1.00	0.00	15.23	82.26	2.00	0.00	1.00	0.00
15.24	82.07	2.00	0.00	1.00	0.00	15.25	81.59	2.00	0.00	1.00	0.00
15.26	81.03	2.00	0.00	1.00	0.00	15.27	80.33	2.00	0.00	1.00	0.00
15.28	79.21	2.00	0.00	1.00	0.00	15.29	77.76	2.00	0.00	1.00	0.00
15.30	76.78	2.00	0.00	1.00	0.00	15.31	77.82	2.00	0.00	1.00	0.00
15.32	79.34	2.00	0.00	1.00	0.00	15.33	80.48	2.00	0.00	1.00	0.00
15.34	79.54	2.00	0.00	1.00	0.00	15.35	78.33	2.00	0.00	1.00	0.00
15.36	77.06	2.00	0.00	1.00	0.00	15.37	76.93	2.00	0.00	1.00	0.00
15.38	77.41	2.00	0.00	1.00	0.00	15.39	78.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	80.27	2.00	0.00	1.00	0.00	15.41	81.63	2.00	0.00	1.00	0.00
15.42	82.23	2.00	0.00	1.00	0.00	15.43	80.64	2.00	0.00	1.00	0.00
15.44	79.09	2.00	0.00	1.00	0.00	15.45	77.73	2.00	0.00	1.00	0.00
15.46	78.97	2.00	0.00	1.00	0.00	15.47	80.60	2.00	0.00	1.00	0.00
15.48	81.69	2.00	0.00	1.00	0.00	15.49	80.78	2.00	0.00	1.00	0.00
15.50	79.47	2.00	0.00	1.00	0.00	15.51	78.81	2.00	0.00	1.00	0.00
15.52	78.87	2.00	0.00	1.00	0.00	15.53	80.56	2.00	0.00	1.00	0.00
15.54	82.95	2.00	0.00	1.00	0.00	15.55	85.82	2.00	0.00	1.00	0.00
15.56	88.01	2.00	0.00	1.00	0.00	15.57	88.99	2.00	0.00	1.00	0.00
15.58	89.29	2.00	0.00	1.00	0.00	15.59	88.73	2.00	0.00	1.00	0.00
15.60	88.89	2.00	0.00	1.00	0.00	15.61	89.38	2.00	0.00	1.00	0.00
15.62	89.54	2.00	0.00	1.00	0.00	15.63	89.37	2.00	0.00	1.00	0.00
15.64	88.66	2.00	0.00	1.00	0.00	15.65	87.97	2.00	0.00	1.00	0.00
15.66	87.24	2.00	0.00	1.00	0.00	15.67	87.35	2.00	0.00	1.00	0.00
15.68	88.55	2.00	0.00	1.00	0.00	15.69	90.13	2.00	0.00	1.00	0.00
15.70	91.06	2.00	0.00	1.00	0.00	15.71	91.78	2.00	0.00	1.00	0.00
15.72	92.63	2.00	0.00	1.00	0.00	15.73	94.43	2.00	0.00	1.00	0.00
15.74	95.91	2.00	0.00	1.00	0.00	15.75	97.07	2.00	0.00	1.00	0.00
15.76	97.00	2.00	0.00	1.00	0.00	15.77	95.33	2.00	0.00	1.00	0.00
15.78	92.95	2.00	0.00	1.00	0.00	15.79	90.81	2.00	0.00	1.00	0.00
15.80	89.69	2.00	0.00	1.00	0.00	15.81	87.66	2.00	0.00	1.00	0.00
15.82	84.44	2.00	0.00	1.00	0.00	15.83	79.92	2.00	0.00	1.00	0.00
15.84	76.50	2.00	0.00	1.00	0.00	15.85	74.15	2.00	0.00	1.00	0.00
15.86	73.10	2.00	0.00	1.00	0.00	15.87	72.26	2.00	0.00	1.00	0.00
15.88	71.73	2.00	0.00	1.00	0.00	15.89	71.55	2.00	0.00	1.00	0.00
15.90	69.60	2.00	0.00	1.00	0.00	15.91	68.13	2.00	0.00	1.00	0.00
15.92	68.94	2.00	0.00	1.00	0.00	15.93	73.31	2.00	0.00	1.00	0.00
15.94	79.31	2.00	0.00	1.00	0.00	15.95	85.98	2.00	0.00	1.00	0.00
15.96	90.16	2.00	0.00	1.00	0.00	15.97	91.37	2.00	0.00	1.00	0.00
15.98	87.88	2.00	0.00	1.00	0.00	15.99	84.86	2.00	0.00	1.00	0.00
16.00	82.94	2.00	0.00	1.00	0.00	16.01	82.95	2.00	0.00	1.00	0.00
16.02	85.06	2.00	0.00	1.00	0.00	16.03	88.03	2.00	0.00	1.00	0.00
16.04	91.35	2.00	0.00	1.00	0.00	16.05	93.07	2.00	0.00	1.00	0.00
16.06	92.61	2.00	0.00	1.00	0.00	16.07	91.12	2.00	0.00	1.00	0.00
16.08	89.77	2.00	0.00	1.00	0.00	16.09	89.53	2.00	0.00	1.00	0.00
16.10	89.33	2.00	0.00	1.00	0.00	16.11	88.70	2.00	0.00	1.00	0.00
16.12	88.44	2.00	0.00	1.00	0.00	16.13	88.79	2.00	0.00	1.00	0.00
16.14	90.01	2.00	0.00	1.00	0.00	16.15	91.43	2.00	0.00	1.00	0.00
16.16	92.88	2.00	0.00	1.00	0.00	16.17	93.50	2.00	0.00	1.00	0.00
16.18	92.75	2.00	0.00	1.00	0.00	16.19	91.02	2.00	0.00	1.00	0.00
16.20	89.29	2.00	0.00	1.00	0.00	16.21	88.30	2.00	0.00	1.00	0.00
16.22	87.95	2.00	0.00	1.00	0.00	16.23	87.81	2.00	0.00	1.00	0.00
16.24	86.58	2.00	0.00	1.00	0.00	16.25	84.62	2.00	0.00	1.00	0.00
16.26	82.80	2.00	0.00	1.00	0.00	16.27	81.47	2.00	0.00	1.00	0.00
16.28	79.81	2.00	0.00	1.00	0.00	16.29	76.60	2.00	0.00	1.00	0.00
16.30	73.25	2.00	0.00	1.00	0.00	16.31	70.43	2.00	0.00	1.00	0.00
16.32	68.37	2.00	0.00	1.00	0.00	16.33	66.55	2.00	0.00	1.00	0.00
16.34	64.56	2.00	0.00	1.00	0.00	16.35	62.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.89	2.00	0.00	1.00	0.00	16.37	58.99	2.00	0.00	1.00	0.00
16.38	56.99	2.00	0.00	1.00	0.00	16.39	55.80	2.00	0.00	1.00	0.00
16.40	54.99	2.00	0.00	1.00	0.00	16.41	55.11	2.00	0.00	1.00	0.00
16.42	55.50	2.00	0.00	1.00	0.00	16.43	56.22	2.00	0.00	1.00	0.00
16.44	57.17	2.00	0.00	1.00	0.00	16.45	58.65	2.00	0.00	1.00	0.00
16.46	60.11	2.00	0.00	1.00	0.00	16.47	61.25	2.00	0.00	1.00	0.00
16.48	62.58	2.00	0.00	1.00	0.00	16.49	63.95	2.00	0.00	1.00	0.00
16.50	65.52	2.00	0.00	1.00	0.00	16.51	67.02	2.00	0.00	1.00	0.00
16.52	68.41	2.00	0.00	1.00	0.00	16.53	69.79	2.00	0.00	1.00	0.00
16.54	70.96	2.00	0.00	1.00	0.00	16.55	72.15	2.00	0.00	1.00	0.00
16.56	73.20	2.00	0.00	1.00	0.00	16.57	73.92	2.00	0.00	1.00	0.00
16.58	74.40	2.00	0.00	1.00	0.00	16.59	74.92	2.00	0.00	1.00	0.00
16.60	76.02	2.00	0.00	1.00	0.00	16.61	77.27	2.00	0.00	1.00	0.00
16.62	78.67	2.00	0.00	1.00	0.00	16.63	79.90	2.00	0.00	1.00	0.00
16.64	80.88	2.00	0.00	1.00	0.00	16.65	81.48	2.00	0.00	1.00	0.00
16.66	82.03	2.00	0.00	1.00	0.00	16.67	83.04	2.00	0.00	1.00	0.00
16.68	84.32	2.00	0.00	1.00	0.00	16.69	85.66	2.00	0.00	1.00	0.00
16.70	86.85	2.00	0.00	1.00	0.00	16.71	88.12	2.00	0.00	1.00	0.00
16.72	89.20	2.00	0.00	1.00	0.00	16.73	90.12	2.00	0.00	1.00	0.00
16.74	90.51	2.00	0.00	1.00	0.00	16.75	90.81	2.00	0.00	1.00	0.00
16.76	91.00	2.00	0.00	1.00	0.00	16.77	91.32	2.00	0.00	1.00	0.00
16.78	92.01	2.00	0.00	1.00	0.00	16.79	92.90	2.00	0.00	1.00	0.00
16.80	93.59	2.00	0.00	1.00	0.00	16.81	93.70	2.00	0.00	1.00	0.00
16.82	93.15	2.00	0.00	1.00	0.00	16.83	92.05	2.00	0.00	1.00	0.00
16.84	90.75	2.00	0.00	1.00	0.00	16.85	89.82	2.00	0.00	1.00	0.00
16.86	90.86	2.00	0.00	1.00	0.00	16.87	91.84	2.00	0.00	1.00	0.00
16.88	92.85	2.00	0.00	1.00	0.00	16.89	96.86	2.00	0.00	1.00	0.00
16.90	102.01	2.00	0.00	1.00	0.00	16.91	107.89	2.00	0.00	1.00	0.00
16.92	111.91	2.00	0.00	1.00	0.00	16.93	115.01	2.00	0.00	1.00	0.00
16.94	117.41	2.00	0.00	1.00	0.00	16.95	120.15	2.00	0.00	1.00	0.00
16.96	122.94	2.00	0.00	1.00	0.00	16.97	125.74	2.00	0.00	1.00	0.00
16.98	126.89	2.00	0.00	1.00	0.00	16.99	127.05	2.00	0.00	1.00	0.00
17.00	126.43	2.00	0.00	1.00	0.00	17.01	124.78	2.00	0.00	1.00	0.00
17.02	122.69	2.00	0.00	1.00	0.00	17.03	120.07	2.00	0.00	1.00	0.00
17.04	116.70	2.00	0.00	1.00	0.00	17.05	113.33	2.00	0.00	1.00	0.00
17.06	109.94	2.00	0.00	1.00	0.00	17.07	107.08	2.00	0.00	1.00	0.00
17.08	103.67	2.00	0.00	1.00	0.00	17.09	100.43	2.00	0.00	1.00	0.00
17.10	98.39	2.00	0.00	1.00	0.00	17.11	97.10	2.00	0.00	1.00	0.00
17.12	96.30	2.00	0.00	1.00	0.00	17.13	95.97	2.00	0.00	1.00	0.00
17.14	97.04	2.00	0.00	1.00	0.00	17.15	98.52	2.00	0.00	1.00	0.00
17.16	100.06	2.00	0.00	1.00	0.00	17.17	100.96	2.00	0.00	1.00	0.00
17.18	101.48	2.00	0.00	1.00	0.00	17.19	101.84	2.00	0.00	1.00	0.00
17.20	101.88	2.00	0.00	1.00	0.00	17.21	101.91	2.00	0.00	1.00	0.00
17.22	101.79	2.00	0.00	1.00	0.00	17.23	102.10	2.00	0.00	1.00	0.00
17.24	102.83	2.00	0.00	1.00	0.00	17.25	104.45	2.00	0.00	1.00	0.00
17.26	106.24	2.00	0.00	1.00	0.00	17.27	108.51	2.00	0.00	1.00	0.00
17.28	110.10	2.00	0.00	1.00	0.00	17.29	111.84	2.00	0.00	1.00	0.00
17.30	112.92	2.00	0.00	1.00	0.00	17.31	114.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	114.83	2.00	0.00	1.00	0.00	17.33	115.70	2.00	0.00	1.00	0.00
17.34	116.97	2.00	0.00	1.00	0.00	17.35	118.09	2.00	0.00	1.00	0.00
17.36	118.33	2.00	0.00	1.00	0.00	17.37	117.65	2.00	0.00	1.00	0.00
17.38	116.69	2.00	0.00	1.00	0.00	17.39	116.29	2.00	0.00	1.00	0.00
17.40	116.12	2.00	0.00	1.00	0.00	17.41	116.11	2.00	0.00	1.00	0.00
17.42	116.16	2.00	0.00	1.00	0.00	17.43	116.36	2.00	0.00	1.00	0.00
17.44	116.50	2.00	0.00	1.00	0.00	17.45	116.76	2.00	0.00	1.00	0.00
17.46	117.08	2.00	0.00	1.00	0.00	17.47	117.47	2.00	0.00	1.00	0.00
17.48	117.54	2.00	0.00	1.00	0.00	17.49	117.60	2.00	0.00	1.00	0.00
17.50	117.65	2.00	0.00	1.00	0.00	17.51	117.62	2.00	0.00	1.00	0.00
17.52	116.95	2.00	0.00	1.00	0.00	17.53	116.06	2.00	0.00	1.00	0.00
17.54	115.36	2.00	0.00	1.00	0.00	17.55	115.13	2.00	0.00	1.00	0.00
17.56	115.03	2.00	0.00	1.00	0.00	17.57	115.06	2.00	0.00	1.00	0.00
17.58	115.16	2.00	0.00	1.00	0.00	17.59	115.23	2.00	0.00	1.00	0.00
17.60	115.06	2.00	0.00	1.00	0.00	17.61	114.65	2.00	0.00	1.00	0.00
17.62	113.43	2.00	0.00	1.00	0.00	17.63	111.81	2.00	0.00	1.00	0.00
17.64	110.26	2.00	0.00	1.00	0.00	17.65	109.11	2.00	0.00	1.00	0.00
17.66	108.25	2.00	0.00	1.00	0.00	17.67	107.03	2.00	0.00	1.00	0.00
17.68	106.15	2.00	0.00	1.00	0.00	17.69	104.93	2.00	0.00	1.00	0.00
17.70	103.21	2.00	0.00	1.00	0.00	17.71	101.39	2.00	0.00	1.00	0.00
17.72	100.05	2.00	0.00	1.00	0.00	17.73	99.55	2.00	0.00	1.00	0.00
17.74	99.29	2.00	0.00	1.00	0.00	17.75	99.15	2.00	0.00	1.00	0.00
17.76	99.19	2.00	0.00	1.00	0.00	17.77	99.15	2.00	0.00	1.00	0.00
17.78	98.66	2.00	0.00	1.00	0.00	17.79	97.90	2.00	0.00	1.00	0.00
17.80	97.13	2.00	0.00	1.00	0.00	17.81	96.73	2.00	0.00	1.00	0.00
17.82	96.63	2.00	0.00	1.00	0.00	17.83	96.70	2.00	0.00	1.00	0.00
17.84	96.93	2.00	0.00	1.00	0.00	17.85	97.05	2.00	0.00	1.00	0.00
17.86	97.04	2.00	0.00	1.00	0.00	17.87	96.89	2.00	0.00	1.00	0.00
17.88	95.94	2.00	0.00	1.00	0.00	17.89	95.36	2.00	0.00	1.00	0.00
17.90	95.04	2.00	0.00	1.00	0.00	17.91	95.64	2.00	0.00	1.00	0.00
17.92	95.85	2.00	0.00	1.00	0.00	17.93	95.77	2.00	0.00	1.00	0.00
17.94	95.50	2.00	0.00	1.00	0.00	17.95	95.00	2.00	0.00	1.00	0.00
17.96	94.14	2.00	0.00	1.00	0.00	17.97	93.34	2.00	0.00	1.00	0.00
17.98	92.48	2.00	0.00	1.00	0.00	17.99	91.88	2.00	0.00	1.00	0.00
18.00	91.06	2.00	0.00	1.00	0.00	18.01	89.63	2.00	0.00	1.00	0.00
18.02	87.15	2.00	0.00	1.00	0.00	18.03	84.53	2.00	0.00	1.00	0.00
18.04	82.45	2.00	0.00	1.00	0.00	18.05	81.41	2.00	0.00	1.00	0.00
18.06	79.99	2.00	0.00	1.00	0.00	18.07	78.41	2.00	0.00	1.00	0.00
18.08	77.13	2.00	0.00	1.00	0.00	18.09	76.83	2.00	0.00	1.00	0.00
18.10	77.14	2.00	0.00	1.00	0.00	18.11	77.65	2.00	0.00	1.00	0.00
18.12	78.09	2.00	0.00	1.00	0.00	18.13	78.52	2.00	0.00	1.00	0.00
18.14	79.20	2.00	0.00	1.00	0.00	18.15	80.52	2.00	0.00	1.00	0.00
18.16	82.06	2.00	0.00	1.00	0.00	18.17	83.49	2.00	0.00	1.00	0.00
18.18	84.45	2.00	0.00	1.00	0.00	18.19	84.90	2.00	0.00	1.00	0.00
18.20	84.91	2.00	0.00	1.00	0.00	18.21	84.70	2.00	0.00	1.00	0.00
18.22	84.25	2.00	0.00	1.00	0.00	18.23	83.76	2.00	0.00	1.00	0.00
18.24	82.90	2.00	0.00	1.00	0.00	18.25	81.76	2.00	0.00	1.00	0.00
18.26	80.40	2.00	0.00	1.00	0.00	18.27	79.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	79.37	2.00	0.00	1.00	0.00	18.29	79.74	2.00	0.00	1.00	0.00
18.30	79.97	2.00	0.00	1.00	0.00	18.31	79.82	2.00	0.00	1.00	0.00
18.32	79.70	2.00	0.00	1.00	0.00	18.33	79.77	2.00	0.00	1.00	0.00
18.34	80.19	2.00	0.00	1.00	0.00	18.35	80.59	2.00	0.00	1.00	0.00
18.36	80.75	2.00	0.00	1.00	0.00	18.37	80.31	2.00	0.00	1.00	0.00
18.38	78.33	2.00	0.00	1.00	0.00	18.39	76.42	2.00	0.00	1.00	0.00
<b>Total estimated settlement: 1.67</b>											

**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**

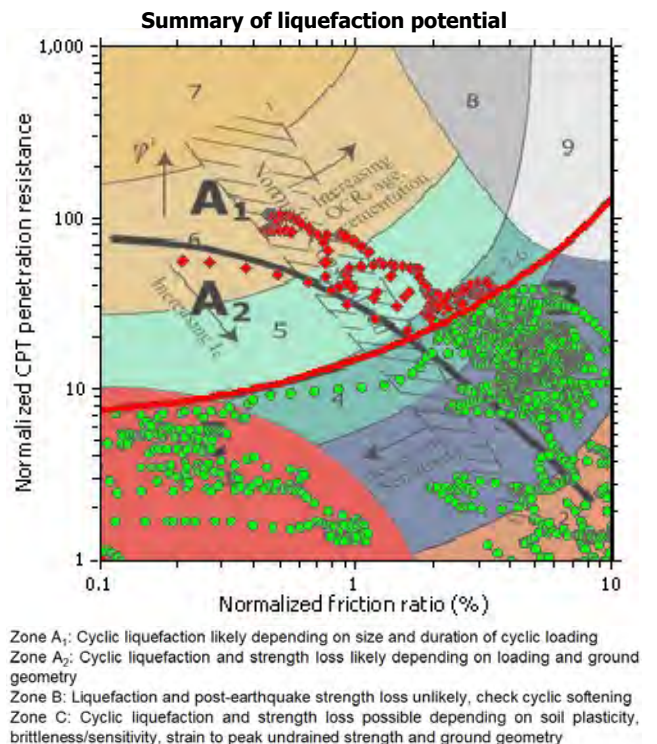
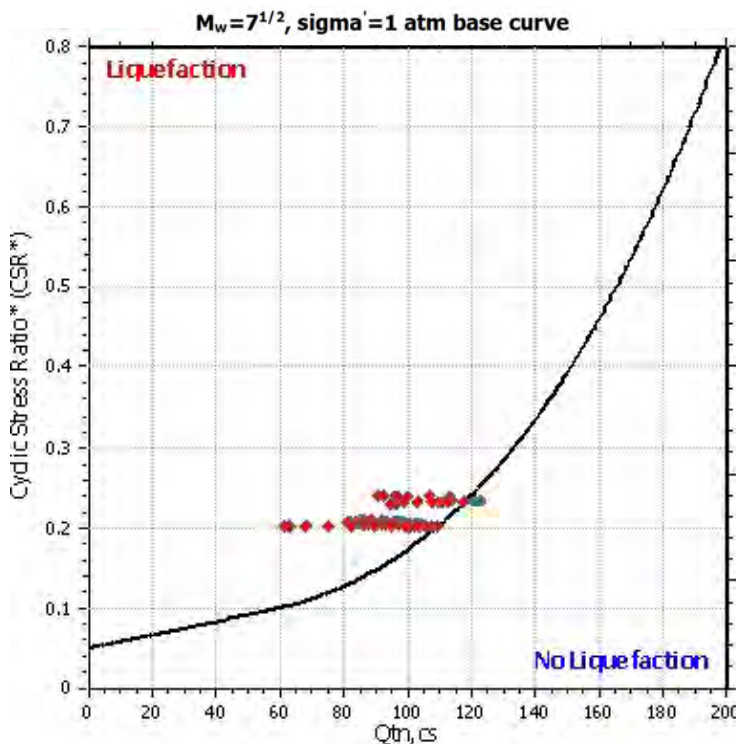
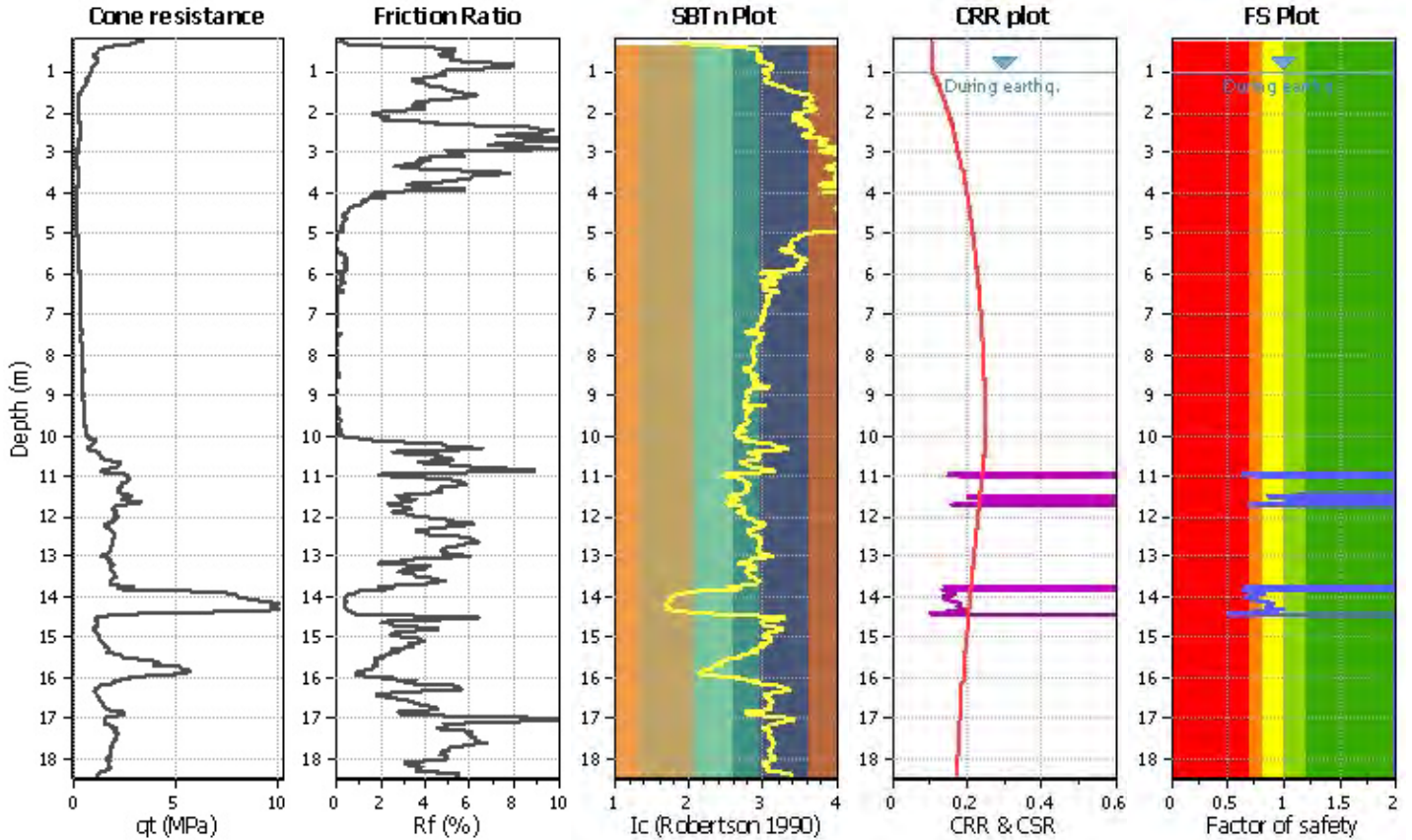
**Project title :**

**Location :**

**CPT file : CPTU2 - Area 2-3**

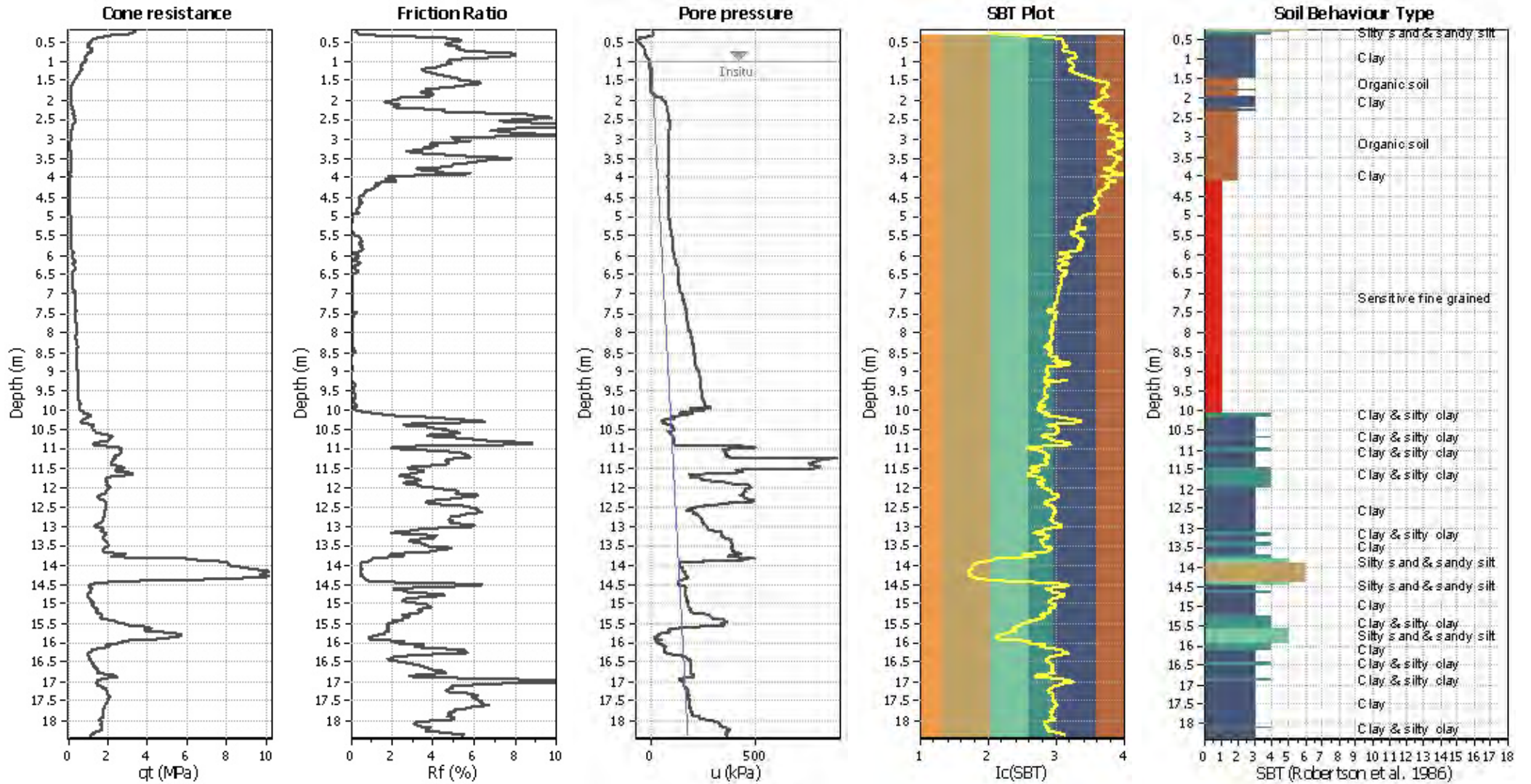
**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		





### CPT basic interpretation plot



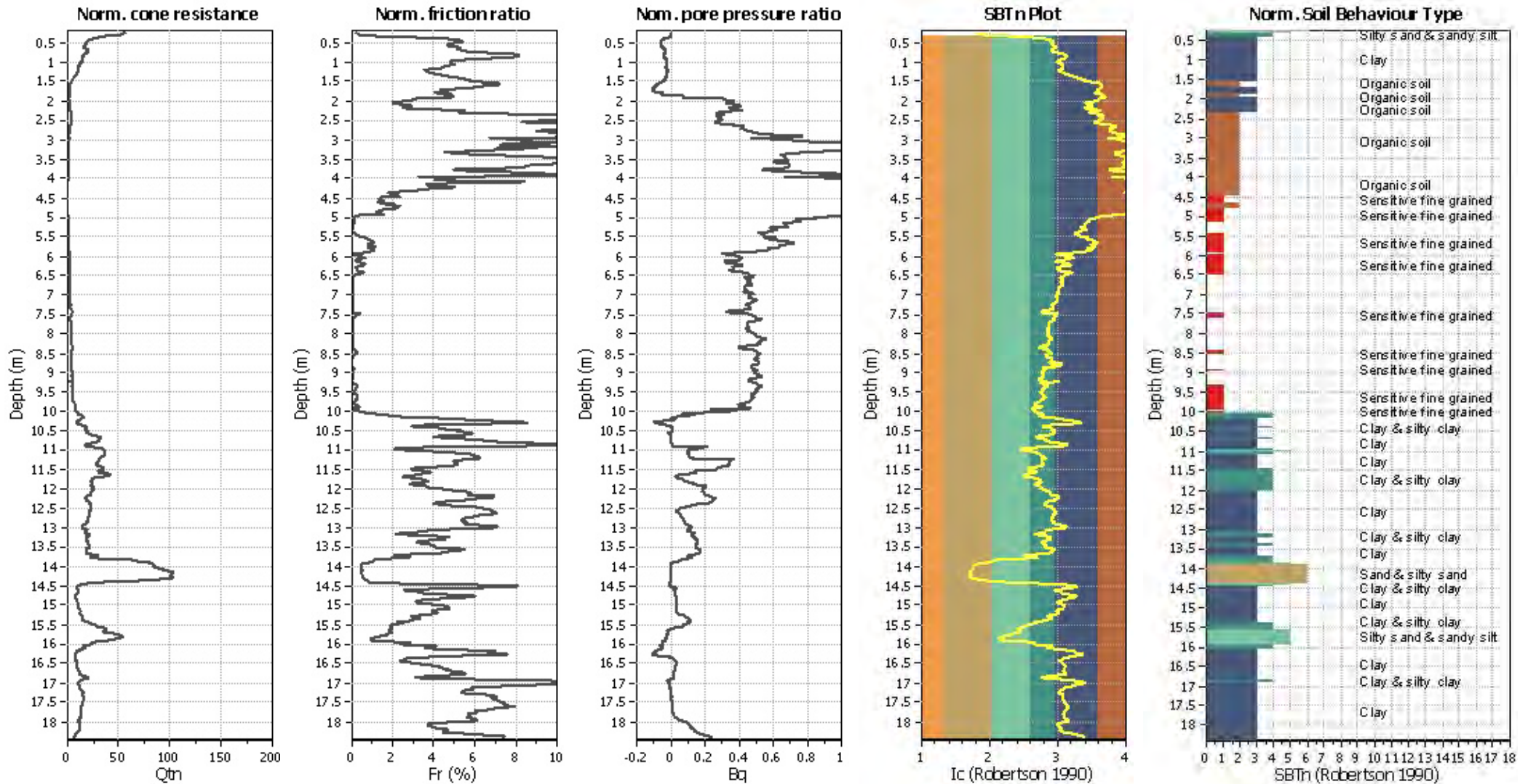
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



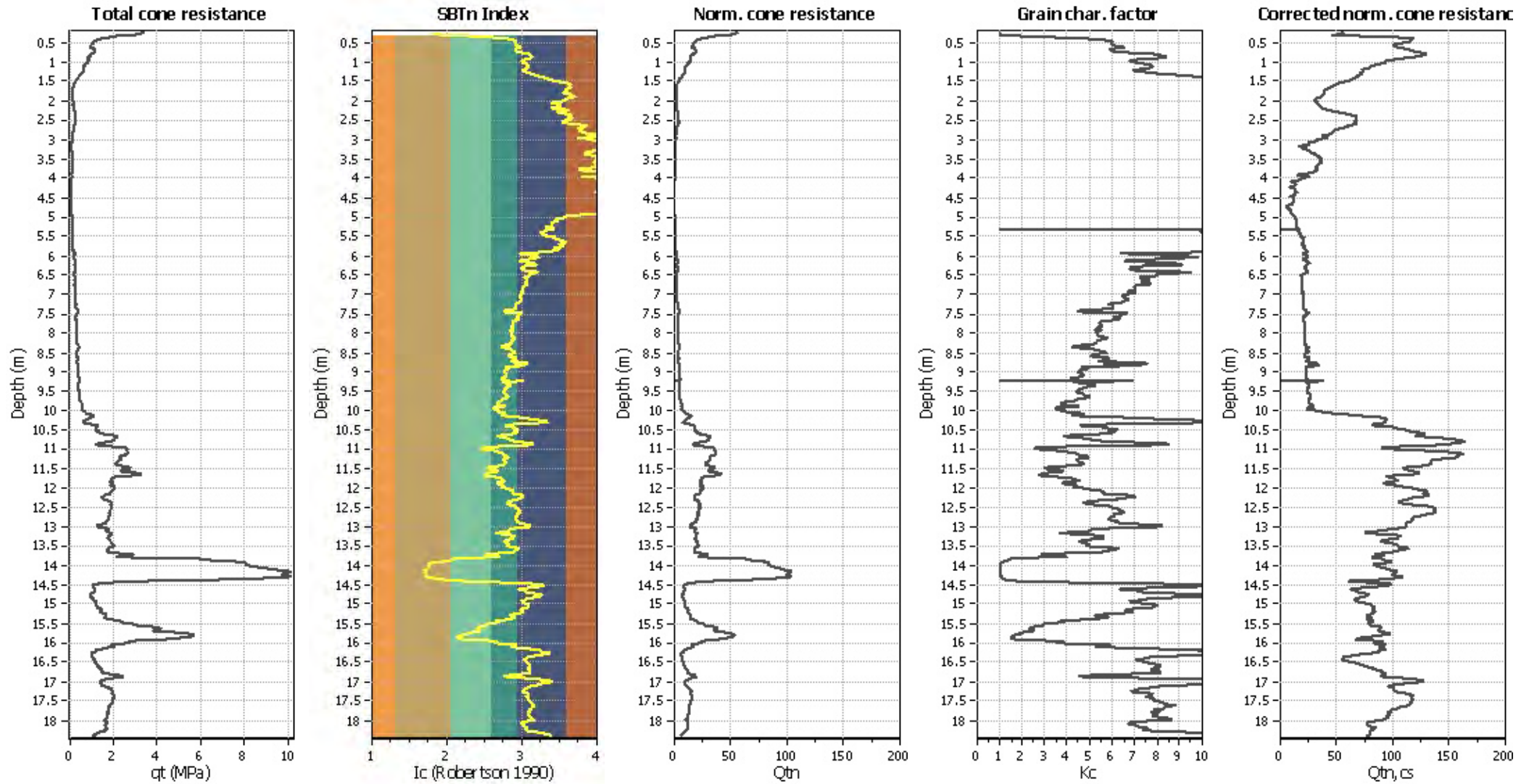
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

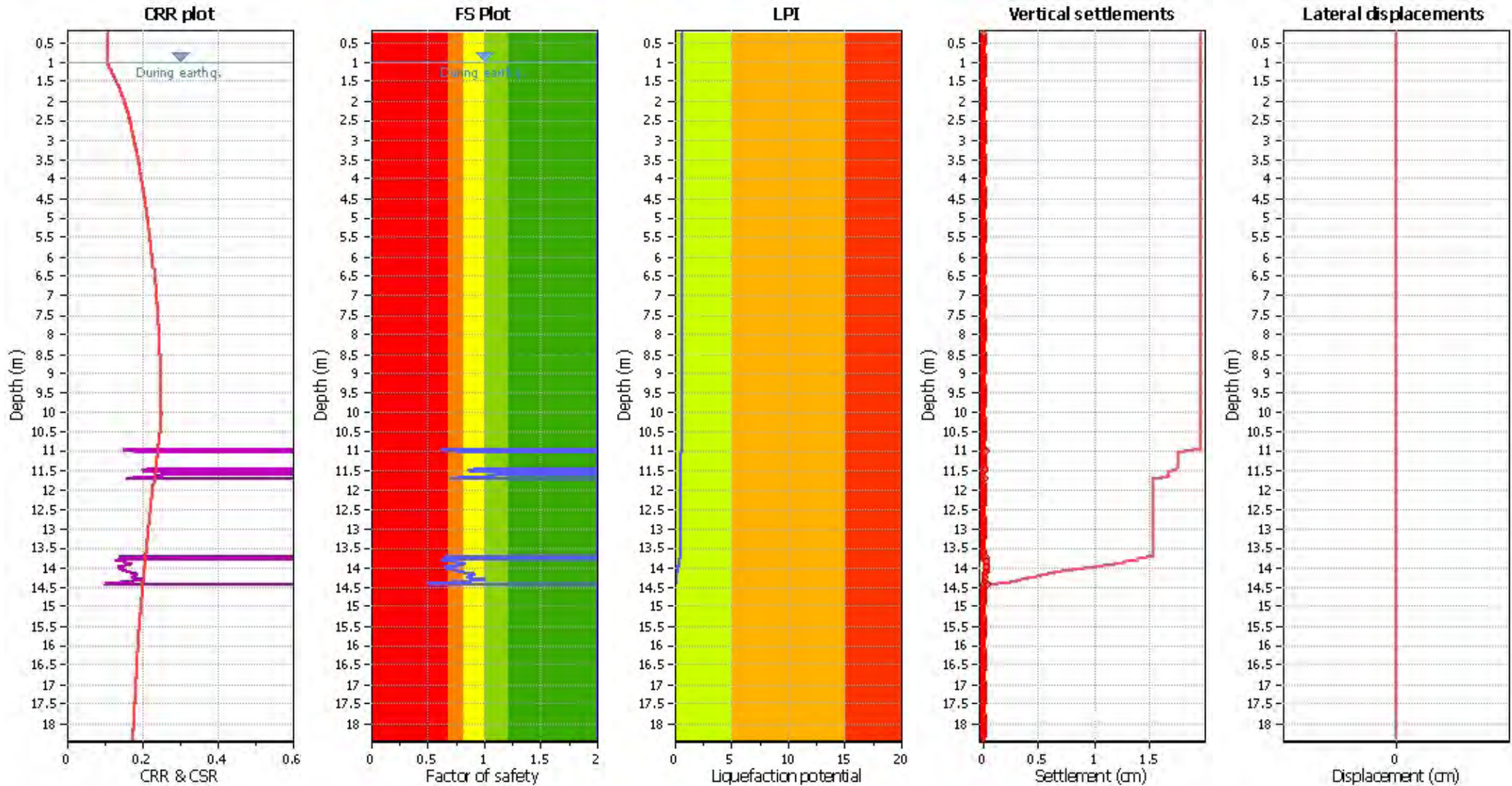
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_c$ applied:	Yes
Earthquake magnitude $M_w$ :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

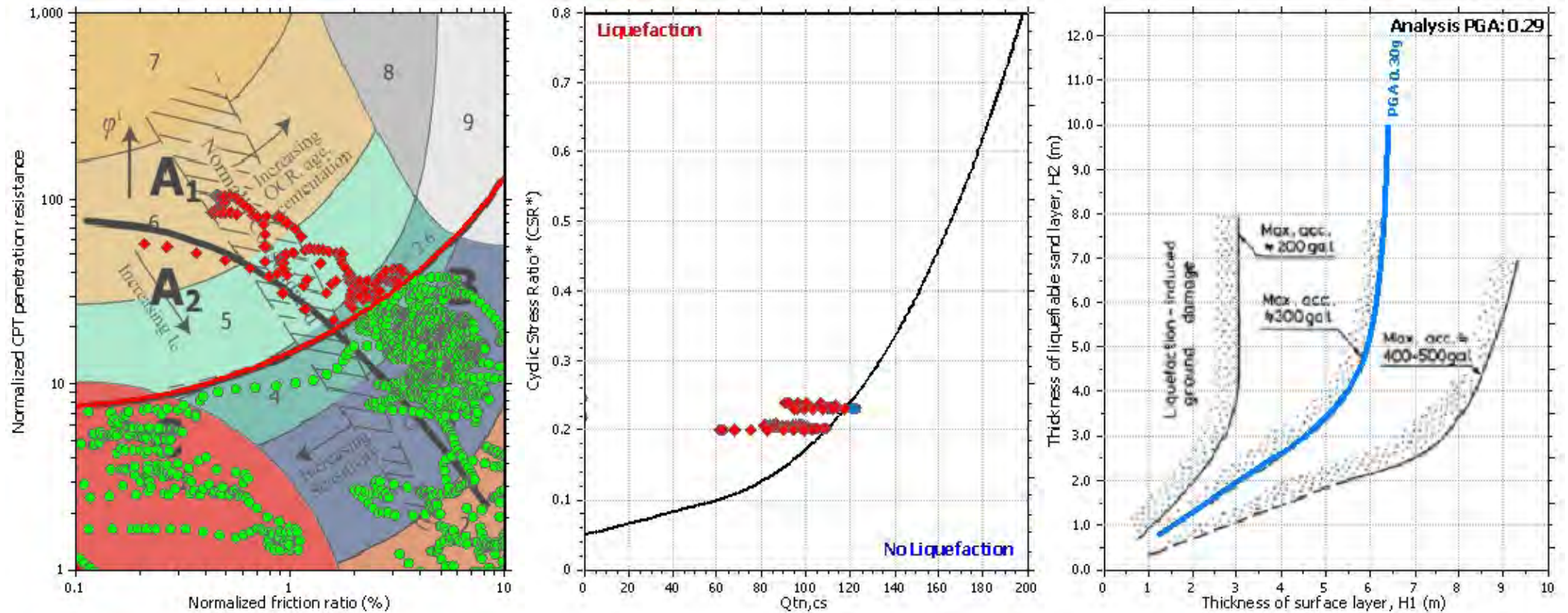
**F.S. color scheme**

- 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

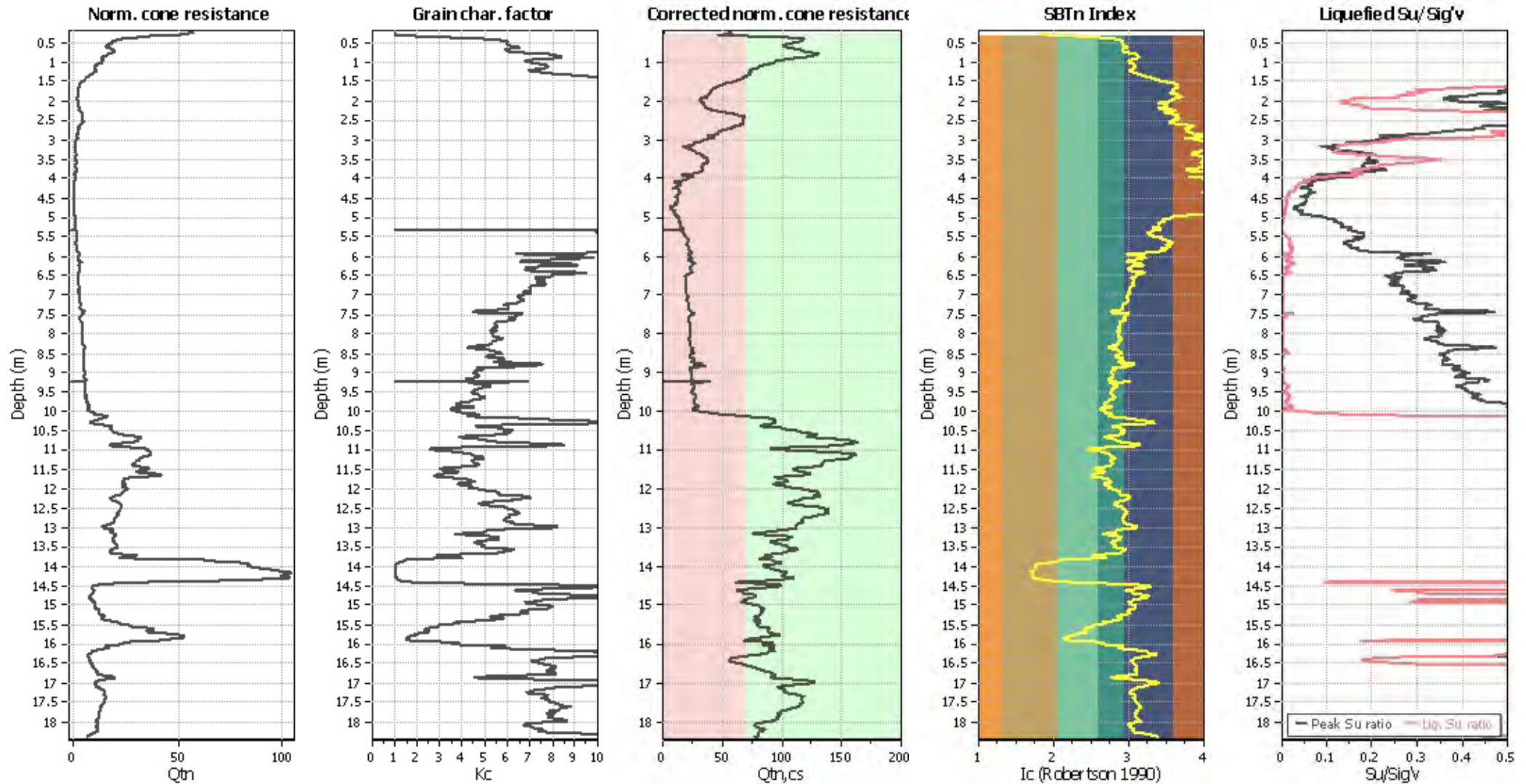
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI	Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	0.68	0.32	4.53	0.01	0.01
10.95	0.64	0.36	4.53	0.01	0.02	10.96	0.63	0.37	4.52	0.01	0.02
10.97	0.63	0.37	4.51	0.01	0.02	10.98	0.64	0.36	4.51	0.01	0.02
10.99	0.69	0.31	4.50	0.01	0.01	11.00	0.73	0.27	4.50	0.01	0.01
11.01	0.81	0.19	4.50	0.01	0.01	11.02	0.90	0.10	4.49	0.01	0.00
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	0.93	0.07	4.28	0.01	0.00	11.46	0.90	0.10	4.27	0.01	0.00
11.47	0.88	0.12	4.26	0.01	0.01	11.48	0.86	0.14	4.26	0.01	0.01
11.49	0.87	0.13	4.25	0.01	0.01	11.50	0.89	0.11	4.25	0.01	0.00
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	1.09	0.00	4.20	0.01	0.00
11.61	1.10	0.00	4.20	0.01	0.00	11.62	1.09	0.00	4.19	0.01	0.00
11.63	1.06	0.00	4.18	0.01	0.00	11.64	1.00	0.00	4.18	0.01	0.00
11.65	0.92	0.08	4.17	0.01	0.00	11.66	0.85	0.15	4.17	0.01	0.01
11.67	0.79	0.21	4.17	0.01	0.01	11.68	0.74	0.26	4.16	0.01	0.01
11.69	0.70	0.30	4.16	0.01	0.01	11.70	0.69	0.31	4.15	0.01	0.01
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	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
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	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
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	2.00	0.00	3.16	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00
13.71	0.67	0.33	3.15	0.01	0.01	13.72	0.66	0.34	3.14	0.01	0.01
13.73	0.67	0.33	3.13	0.01	0.01	13.74	0.70	0.30	3.13	0.01	0.01
13.75	0.73	0.27	3.13	0.01	0.01	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	0.63	0.37	3.10	0.01	0.01
13.81	0.63	0.37	3.10	0.01	0.01	13.82	0.65	0.35	3.09	0.01	0.01
13.83	0.68	0.32	3.08	0.01	0.01	13.84	0.72	0.28	3.08	0.01	0.01
13.85	0.76	0.24	3.08	0.01	0.01	13.86	0.79	0.21	3.07	0.01	0.01
13.87	0.81	0.19	3.06	0.01	0.01	13.88	0.82	0.18	3.06	0.01	0.01
13.89	0.82	0.18	3.06	0.01	0.01	13.90	0.80	0.20	3.05	0.01	0.01
13.91	0.78	0.22	3.04	0.01	0.01	13.92	0.76	0.24	3.04	0.01	0.01
13.93	0.75	0.25	3.04	0.01	0.01	13.94	0.65	0.35	3.03	0.01	0.01
13.95	0.65	0.35	3.02	0.01	0.01	13.96	0.65	0.35	3.02	0.01	0.01
13.97	0.65	0.35	3.02	0.01	0.01	13.98	0.66	0.34	3.01	0.01	0.01
13.99	0.66	0.34	3.00	0.01	0.01	14.00	0.67	0.33	3.00	0.01	0.01
14.01	0.68	0.32	3.00	0.01	0.01	14.02	0.69	0.31	2.99	0.01	0.01
14.03	0.70	0.30	2.98	0.01	0.01	14.04	0.72	0.28	2.98	0.01	0.01
14.05	0.73	0.27	2.98	0.01	0.01	14.06	0.74	0.26	2.97	0.01	0.01
14.07	0.76	0.24	2.96	0.01	0.01	14.08	0.77	0.23	2.96	0.01	0.01
14.09	0.79	0.21	2.96	0.01	0.01	14.10	0.81	0.19	2.95	0.01	0.01
14.11	0.83	0.17	2.94	0.01	0.00	14.12	0.86	0.14	2.94	0.01	0.00
14.13	0.88	0.12	2.94	0.01	0.00	14.14	0.89	0.11	2.93	0.01	0.00
14.15	0.90	0.10	2.92	0.01	0.00	14.16	0.91	0.09	2.92	0.01	0.00
14.17	0.91	0.09	2.92	0.01	0.00	14.18	0.90	0.10	2.91	0.01	0.00
14.19	0.89	0.11	2.90	0.01	0.00	14.20	0.87	0.13	2.90	0.01	0.00
14.21	0.86	0.14	2.90	0.01	0.00	14.22	0.85	0.15	2.89	0.01	0.00
14.23	0.85	0.15	2.88	0.01	0.00	14.24	0.85	0.15	2.88	0.01	0.00
14.25	0.86	0.14	2.88	0.01	0.00	14.26	0.88	0.12	2.87	0.01	0.00
14.27	0.90	0.10	2.87	0.01	0.00	14.28	0.90	0.10	2.86	0.01	0.00
14.29	1.00	0.00	2.85	0.01	0.00	14.30	1.00	0.00	2.85	0.01	0.00
14.31	0.97	0.03	2.85	0.01	0.00	14.32	0.94	0.06	2.84	0.01	0.00
14.33	0.90	0.10	2.83	0.01	0.00	14.34	0.85	0.15	2.83	0.01	0.00
14.35	0.79	0.21	2.83	0.01	0.01	14.36	0.73	0.27	2.82	0.01	0.01
14.37	0.66	0.34	2.81	0.01	0.01	14.38	0.59	0.41	2.81	0.01	0.01
14.39	0.54	0.46	2.81	0.01	0.01	14.40	0.51	0.49	2.80	0.01	0.01
14.41	0.50	0.50	2.79	0.01	0.01	14.42	0.51	0.49	2.79	0.01	0.01
14.43	0.54	0.46	2.79	0.01	0.01	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	2.00	0.00	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	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
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	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
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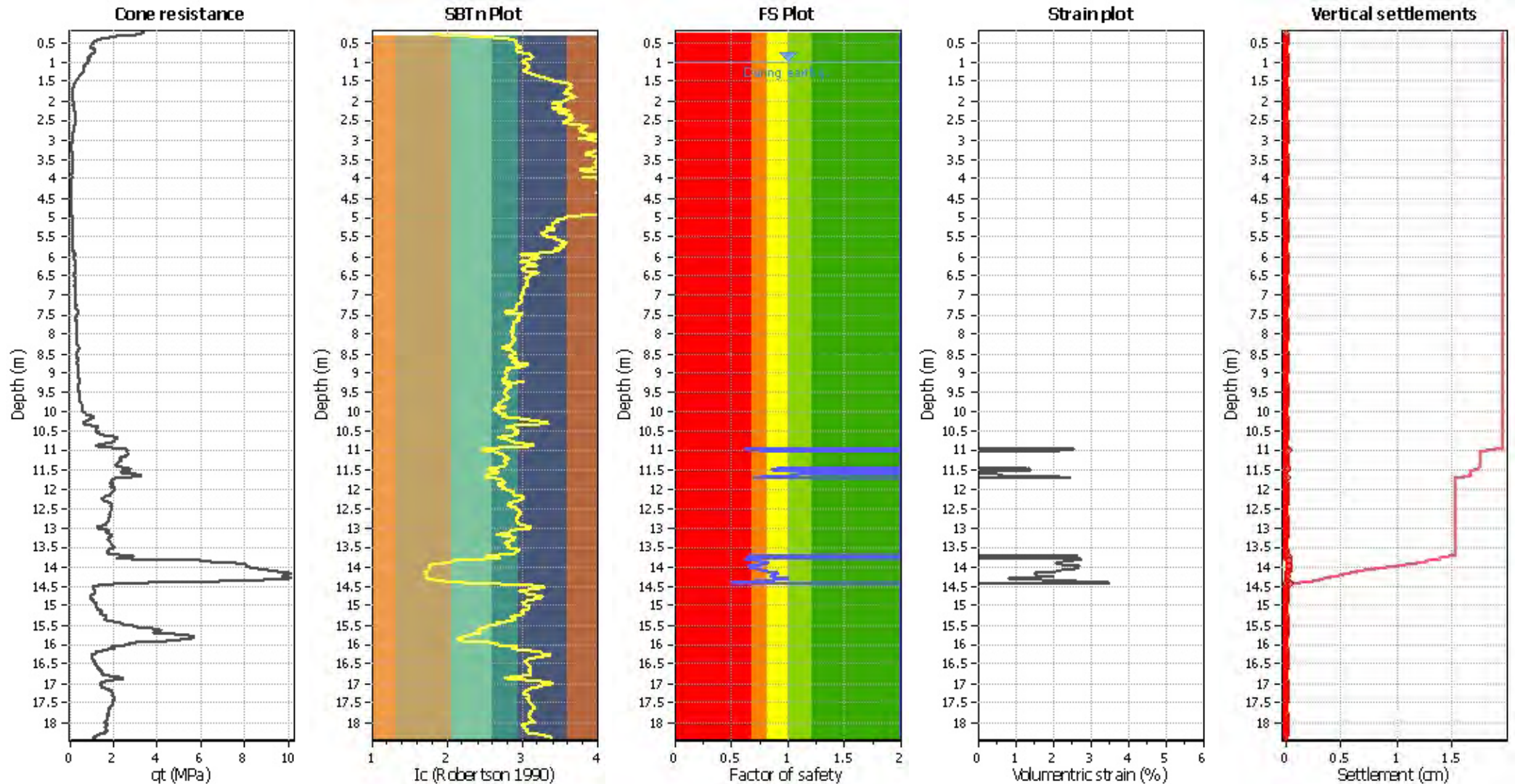
**Overall liquefaction potential: 0.69**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

:: Post-earthquake settlement due to soil liquefaction ::											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	93.60	2.00	0.00	1.00	0.00	1.01	93.35	2.00	0.00	1.00	0.00
1.02	93.19	2.00	0.00	1.00	0.00	1.03	92.30	2.00	0.00	1.00	0.00
1.04	90.93	2.00	0.00	1.00	0.00	1.05	89.45	2.00	0.00	1.00	0.00
1.06	88.75	2.00	0.00	1.00	0.00	1.07	88.03	2.00	0.00	1.00	0.00
1.08	86.30	2.00	0.00	1.00	0.00	1.09	84.42	2.00	0.00	1.00	0.00
1.10	82.78	2.00	0.00	1.00	0.00	1.11	81.86	2.00	0.00	1.00	0.00
1.12	80.63	2.00	0.00	1.00	0.00	1.13	78.85	2.00	0.00	1.00	0.00
1.14	77.34	2.00	0.00	1.00	0.00	1.15	76.04	2.00	0.00	1.00	0.00
1.16	75.08	2.00	0.00	1.00	0.00	1.17	74.20	2.00	0.00	1.00	0.00
1.18	73.61	2.00	0.00	1.00	0.00	1.19	73.61	2.00	0.00	1.00	0.00
1.20	73.79	2.00	0.00	1.00	0.00	1.21	73.88	2.00	0.00	1.00	0.00
1.22	73.87	2.00	0.00	1.00	0.00	1.23	73.64	2.00	0.00	1.00	0.00
1.24	73.33	2.00	0.00	1.00	0.00	1.25	72.65	2.00	0.00	1.00	0.00
1.26	72.28	2.00	0.00	1.00	0.00	1.27	72.35	2.00	0.00	1.00	0.00
1.28	72.64	2.00	0.00	1.00	0.00	1.29	72.64	2.00	0.00	1.00	0.00
1.30	72.02	2.00	0.00	1.00	0.00	1.31	71.36	2.00	0.00	1.00	0.00
1.32	70.64	2.00	0.00	1.00	0.00	1.33	70.14	2.00	0.00	1.00	0.00
1.34	69.78	2.00	0.00	1.00	0.00	1.35	69.69	2.00	0.00	1.00	0.00
1.36	69.46	2.00	0.00	1.00	0.00	1.37	68.96	2.00	0.00	1.00	0.00
1.38	68.32	2.00	0.00	1.00	0.00	1.39	67.65	2.00	0.00	1.00	0.00
1.40	66.98	2.00	0.00	1.00	0.00	1.41	66.10	2.00	0.00	1.00	0.00
1.42	65.29	2.00	0.00	1.00	0.00	1.43	64.42	2.00	0.00	1.00	0.00
1.44	63.71	2.00	0.00	1.00	0.00	1.45	62.92	2.00	0.00	1.00	0.00
1.46	62.34	2.00	0.00	1.00	0.00	1.47	61.39	2.00	0.00	1.00	0.00
1.48	60.33	2.00	0.00	1.00	0.00	1.49	59.09	2.00	0.00	1.00	0.00
1.50	57.97	2.00	0.00	1.00	0.00	1.51	56.94	2.00	0.00	1.00	0.00
1.52	55.58	2.00	0.00	1.00	0.00	1.53	54.24	2.00	0.00	1.00	0.00
1.54	52.84	2.00	0.00	1.00	0.00	1.55	51.92	2.00	0.00	1.00	0.00
1.56	51.07	2.00	0.00	1.00	0.00	1.57	50.40	2.00	0.00	1.00	0.00
1.58	49.74	2.00	0.00	1.00	0.00	1.59	49.21	2.00	0.00	1.00	0.00
1.60	48.69	2.00	0.00	1.00	0.00	1.61	47.70	2.00	0.00	1.00	0.00
1.62	46.76	2.00	0.00	1.00	0.00	1.63	45.94	2.00	0.00	1.00	0.00
1.64	45.21	2.00	0.00	1.00	0.00	1.65	44.40	2.00	0.00	1.00	0.00
1.66	43.40	2.00	0.00	1.00	0.00	1.67	42.75	2.00	0.00	1.00	0.00
1.68	42.04	2.00	0.00	1.00	0.00	1.69	41.17	2.00	0.00	1.00	0.00
1.70	40.37	2.00	0.00	1.00	0.00	1.71	39.84	2.00	0.00	1.00	0.00
1.72	39.81	2.00	0.00	1.00	0.00	1.73	39.72	2.00	0.00	1.00	0.00
1.74	39.99	2.00	0.00	1.00	0.00	1.75	40.16	2.00	0.00	1.00	0.00
1.76	40.38	2.00	0.00	1.00	0.00	1.77	40.37	2.00	0.00	1.00	0.00
1.78	39.96	2.00	0.00	1.00	0.00	1.79	39.68	2.00	0.00	1.00	0.00
1.80	39.26	2.00	0.00	1.00	0.00	1.81	39.20	2.00	0.00	1.00	0.00
1.82	38.94	2.00	0.00	1.00	0.00	1.83	38.60	2.00	0.00	1.00	0.00
1.84	38.31	2.00	0.00	1.00	0.00	1.85	38.15	2.00	0.00	1.00	0.00
1.86	37.79	2.00	0.00	1.00	0.00	1.87	37.22	2.00	0.00	1.00	0.00
1.88	36.50	2.00	0.00	1.00	0.00	1.89	35.93	2.00	0.00	1.00	0.00
1.90	35.95	2.00	0.00	1.00	0.00	1.91	36.25	2.00	0.00	1.00	0.00
1.92	36.53	2.00	0.00	1.00	0.00	1.93	34.79	2.00	0.00	1.00	0.00
1.94	33.27	2.00	0.00	1.00	0.00	1.95	31.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	31.43	2.00	0.00	1.00	0.00	1.97	31.10	2.00	0.00	1.00	0.00
1.98	30.86	2.00	0.00	1.00	0.00	1.99	31.22	2.00	0.00	1.00	0.00
2.00	31.60	2.00	0.00	1.00	0.00	2.01	32.20	2.00	0.00	1.00	0.00
2.02	32.56	2.00	0.00	1.00	0.00	2.03	32.94	2.00	0.00	1.00	0.00
2.04	33.23	2.00	0.00	1.00	0.00	2.05	33.42	2.00	0.00	1.00	0.00
2.06	33.63	2.00	0.00	1.00	0.00	2.07	33.75	2.00	0.00	1.00	0.00
2.08	34.09	2.00	0.00	1.00	0.00	2.09	34.47	2.00	0.00	1.00	0.00
2.10	34.74	2.00	0.00	1.00	0.00	2.11	34.82	2.00	0.00	1.00	0.00
2.12	34.94	2.00	0.00	1.00	0.00	2.13	35.35	2.00	0.00	1.00	0.00
2.14	35.65	2.00	0.00	1.00	0.00	2.15	35.95	2.00	0.00	1.00	0.00
2.16	36.43	2.00	0.00	1.00	0.00	2.17	37.15	2.00	0.00	1.00	0.00
2.18	37.76	2.00	0.00	1.00	0.00	2.19	38.51	2.00	0.00	1.00	0.00
2.20	39.34	2.00	0.00	1.00	0.00	2.21	40.16	2.00	0.00	1.00	0.00
2.22	40.84	2.00	0.00	1.00	0.00	2.23	41.65	2.00	0.00	1.00	0.00
2.24	42.92	2.00	0.00	1.00	0.00	2.25	44.68	2.00	0.00	1.00	0.00
2.26	46.72	2.00	0.00	1.00	0.00	2.27	49.14	2.00	0.00	1.00	0.00
2.28	51.49	2.00	0.00	1.00	0.00	2.29	53.57	2.00	0.00	1.00	0.00
2.30	55.50	2.00	0.00	1.00	0.00	2.31	56.92	2.00	0.00	1.00	0.00
2.32	58.21	2.00	0.00	1.00	0.00	2.33	59.22	2.00	0.00	1.00	0.00
2.34	60.29	2.00	0.00	1.00	0.00	2.35	61.57	2.00	0.00	1.00	0.00
2.36	62.70	2.00	0.00	1.00	0.00	2.37	64.22	2.00	0.00	1.00	0.00
2.38	65.59	2.00	0.00	1.00	0.00	2.39	67.03	2.00	0.00	1.00	0.00
2.40	68.03	2.00	0.00	1.00	0.00	2.41	68.51	2.00	0.00	1.00	0.00
2.42	68.44	2.00	0.00	1.00	0.00	2.43	67.99	2.00	0.00	1.00	0.00
2.44	67.64	2.00	0.00	1.00	0.00	2.45	67.49	2.00	0.00	1.00	0.00
2.46	67.51	2.00	0.00	1.00	0.00	2.47	67.37	2.00	0.00	1.00	0.00
2.48	67.10	2.00	0.00	1.00	0.00	2.49	66.88	2.00	0.00	1.00	0.00
2.50	66.74	2.00	0.00	1.00	0.00	2.51	66.73	2.00	0.00	1.00	0.00
2.52	66.76	2.00	0.00	1.00	0.00	2.53	67.00	2.00	0.00	1.00	0.00
2.54	67.20	2.00	0.00	1.00	0.00	2.55	67.43	2.00	0.00	1.00	0.00
2.56	67.35	2.00	0.00	1.00	0.00	2.57	67.58	2.00	0.00	1.00	0.00
2.58	67.53	2.00	0.00	1.00	0.00	2.59	67.30	2.00	0.00	1.00	0.00
2.60	66.30	2.00	0.00	1.00	0.00	2.61	65.33	2.00	0.00	1.00	0.00
2.62	64.46	2.00	0.00	1.00	0.00	2.63	64.07	2.00	0.00	1.00	0.00
2.64	62.73	2.00	0.00	1.00	0.00	2.65	61.61	2.00	0.00	1.00	0.00
2.66	60.30	2.00	0.00	1.00	0.00	2.67	59.76	2.00	0.00	1.00	0.00
2.68	58.82	2.00	0.00	1.00	0.00	2.69	57.72	2.00	0.00	1.00	0.00
2.70	56.85	2.00	0.00	1.00	0.00	2.71	55.75	2.00	0.00	1.00	0.00
2.72	54.75	2.00	0.00	1.00	0.00	2.73	53.17	2.00	0.00	1.00	0.00
2.74	51.91	2.00	0.00	1.00	0.00	2.75	50.65	2.00	0.00	1.00	0.00
2.76	49.53	2.00	0.00	1.00	0.00	2.77	48.74	2.00	0.00	1.00	0.00
2.78	48.06	2.00	0.00	1.00	0.00	2.79	47.70	2.00	0.00	1.00	0.00
2.80	47.50	2.00	0.00	1.00	0.00	2.81	46.93	2.00	0.00	1.00	0.00
2.82	46.02	2.00	0.00	1.00	0.00	2.83	44.88	2.00	0.00	1.00	0.00
2.84	44.42	2.00	0.00	1.00	0.00	2.85	43.34	2.00	0.00	1.00	0.00
2.86	42.16	2.00	0.00	1.00	0.00	2.87	39.48	2.00	0.00	1.00	0.00
2.88	37.94	2.00	0.00	1.00	0.00	2.89	37.90	2.00	0.00	1.00	0.00
2.90	40.21	2.00	0.00	1.00	0.00	2.91	41.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.34	2.00	0.00	1.00	0.00	2.93	42.12	2.00	0.00	1.00	0.00
2.94	41.99	2.00	0.00	1.00	0.00	2.95	40.74	2.00	0.00	1.00	0.00
2.96	38.78	2.00	0.00	1.00	0.00	2.97	36.56	2.00	0.00	1.00	0.00
2.98	35.13	2.00	0.00	1.00	0.00	2.99	33.87	2.00	0.00	1.00	0.00
3.00	33.09	2.00	0.00	1.00	0.00	3.01	32.33	2.00	0.00	1.00	0.00
3.02	32.12	2.00	0.00	1.00	0.00	3.03	32.11	2.00	0.00	1.00	0.00
3.04	31.01	2.00	0.00	1.00	0.00	3.05	28.93	2.00	0.00	1.00	0.00
3.06	25.85	2.00	0.00	1.00	0.00	3.07	25.79	2.00	0.00	1.00	0.00
3.08	25.73	2.00	0.00	1.00	0.00	3.09	25.66	2.00	0.00	1.00	0.00
3.10	25.60	2.00	0.00	1.00	0.00	3.11	25.54	2.00	0.00	1.00	0.00
3.12	25.48	2.00	0.00	1.00	0.00	3.13	23.90	2.00	0.00	1.00	0.00
3.14	22.31	2.00	0.00	1.00	0.00	3.15	19.21	2.00	0.00	1.00	0.00
3.16	17.63	2.00	0.00	1.00	0.00	3.17	16.05	2.00	0.00	1.00	0.00
3.18	17.51	2.00	0.00	1.00	0.00	3.19	18.96	2.00	0.00	1.00	0.00
3.20	21.93	2.00	0.00	1.00	0.00	3.21	23.37	2.00	0.00	1.00	0.00
3.22	23.30	2.00	0.00	1.00	0.00	3.23	21.72	2.00	0.00	1.00	0.00
3.24	20.14	2.00	0.00	1.00	0.00	3.25	21.59	2.00	0.00	1.00	0.00
3.26	23.03	2.00	0.00	1.00	0.00	3.27	24.43	2.00	0.00	1.00	0.00
3.28	24.38	2.00	0.00	1.00	0.00	3.29	25.42	2.00	0.00	1.00	0.00
3.30	26.29	2.00	0.00	1.00	0.00	3.31	27.08	2.00	0.00	1.00	0.00
3.32	27.19	2.00	0.00	1.00	0.00	3.33	27.43	2.00	0.00	1.00	0.00
3.34	28.23	2.00	0.00	1.00	0.00	3.35	29.09	2.00	0.00	1.00	0.00
3.36	30.11	2.00	0.00	1.00	0.00	3.37	30.59	2.00	0.00	1.00	0.00
3.38	31.40	2.00	0.00	1.00	0.00	3.39	31.67	2.00	0.00	1.00	0.00
3.40	32.29	2.00	0.00	1.00	0.00	3.41	32.38	2.00	0.00	1.00	0.00
3.42	32.84	2.00	0.00	1.00	0.00	3.43	33.38	2.00	0.00	1.00	0.00
3.44	34.03	2.00	0.00	1.00	0.00	3.45	34.75	2.00	0.00	1.00	0.00
3.46	35.24	2.00	0.00	1.00	0.00	3.47	35.69	2.00	0.00	1.00	0.00
3.48	36.17	2.00	0.00	1.00	0.00	3.49	36.52	2.00	0.00	1.00	0.00
3.50	36.67	2.00	0.00	1.00	0.00	3.51	36.61	2.00	0.00	1.00	0.00
3.52	36.56	2.00	0.00	1.00	0.00	3.53	36.50	2.00	0.00	1.00	0.00
3.54	37.11	2.00	0.00	1.00	0.00	3.55	37.40	2.00	0.00	1.00	0.00
3.56	37.68	2.00	0.00	1.00	0.00	3.57	37.52	2.00	0.00	1.00	0.00
3.58	37.30	2.00	0.00	1.00	0.00	3.59	36.98	2.00	0.00	1.00	0.00
3.60	36.10	2.00	0.00	1.00	0.00	3.61	35.25	2.00	0.00	1.00	0.00
3.62	34.36	2.00	0.00	1.00	0.00	3.63	34.00	2.00	0.00	1.00	0.00
3.64	33.63	2.00	0.00	1.00	0.00	3.65	33.35	2.00	0.00	1.00	0.00
3.66	33.07	2.00	0.00	1.00	0.00	3.67	32.83	2.00	0.00	1.00	0.00
3.68	32.61	2.00	0.00	1.00	0.00	3.69	32.42	2.00	0.00	1.00	0.00
3.70	32.17	2.00	0.00	1.00	0.00	3.71	32.38	2.00	0.00	1.00	0.00
3.72	32.90	2.00	0.00	1.00	0.00	3.73	33.24	2.00	0.00	1.00	0.00
3.74	33.12	2.00	0.00	1.00	0.00	3.75	33.31	2.00	0.00	1.00	0.00
3.76	33.27	2.00	0.00	1.00	0.00	3.77	33.44	2.00	0.00	1.00	0.00
3.78	32.59	2.00	0.00	1.00	0.00	3.79	32.14	2.00	0.00	1.00	0.00
3.80	31.42	2.00	0.00	1.00	0.00	3.81	31.29	2.00	0.00	1.00	0.00
3.82	30.48	2.00	0.00	1.00	0.00	3.83	29.72	2.00	0.00	1.00	0.00
3.84	28.86	2.00	0.00	1.00	0.00	3.85	26.97	2.00	0.00	1.00	0.00
3.86	23.88	2.00	0.00	1.00	0.00	3.87	19.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	17.70	2.00	0.00	1.00	0.00	3.89	16.13	2.00	0.00	1.00	0.00
3.90	16.06	2.00	0.00	1.00	0.00	3.91	15.99	2.00	0.00	1.00	0.00
3.92	15.92	2.00	0.00	1.00	0.00	3.93	21.74	2.00	0.00	1.00	0.00
3.94	25.07	2.00	0.00	1.00	0.00	3.95	24.53	2.00	0.00	1.00	0.00
3.96	23.62	2.00	0.00	1.00	0.00	3.97	22.73	2.00	0.00	1.00	0.00
3.98	21.69	2.00	0.00	1.00	0.00	3.99	20.97	2.00	0.00	1.00	0.00
4.00	19.71	2.00	0.00	1.00	0.00	4.01	19.61	2.00	0.00	1.00	0.00
4.02	19.20	2.00	0.00	1.00	0.00	4.03	18.04	2.00	0.00	1.00	0.00
4.04	16.47	2.00	0.00	1.00	0.00	4.05	14.90	2.00	0.00	1.00	0.00
4.06	13.33	2.00	0.00	1.00	0.00	4.07	11.75	2.00	0.00	1.00	0.00
4.08	10.18	2.00	0.00	1.00	0.00	4.09	10.12	2.00	0.00	1.00	0.00
4.10	10.07	2.00	0.00	1.00	0.00	4.11	11.52	2.00	0.00	1.00	0.00
4.12	12.97	2.00	0.00	1.00	0.00	4.13	14.42	2.00	0.00	1.00	0.00
4.14	14.36	2.00	0.00	1.00	0.00	4.15	14.30	2.00	0.00	1.00	0.00
4.16	14.24	2.00	0.00	1.00	0.00	4.17	14.17	2.00	0.00	1.00	0.00
4.18	14.11	2.00	0.00	1.00	0.00	4.19	12.53	2.00	0.00	1.00	0.00
4.20	10.96	2.00	0.00	1.00	0.00	4.21	9.38	2.00	0.00	1.00	0.00
4.22	9.30	2.00	0.00	1.00	0.00	4.23	9.23	2.00	0.00	1.00	0.00
4.24	9.16	2.00	0.00	1.00	0.00	4.25	9.11	2.00	0.00	1.00	0.00
4.26	10.56	2.00	0.00	1.00	0.00	4.27	12.02	2.00	0.00	1.00	0.00
4.28	13.48	2.00	0.00	1.00	0.00	4.29	13.44	2.00	0.00	1.00	0.00
4.30	13.39	2.00	0.00	1.00	0.00	4.31	13.34	2.00	0.00	1.00	0.00
4.32	13.28	2.00	0.00	1.00	0.00	4.33	13.23	2.00	0.00	1.00	0.00
4.34	13.17	2.00	0.00	1.00	0.00	4.35	14.32	2.00	0.00	1.00	0.00
4.36	14.84	2.00	0.00	1.00	0.00	4.37	14.69	2.00	0.00	1.00	0.00
4.38	13.93	2.00	0.00	1.00	0.00	4.39	12.88	2.00	0.00	1.00	0.00
4.40	12.81	2.00	0.00	1.00	0.00	4.41	12.74	2.00	0.00	1.00	0.00
4.42	12.68	2.00	0.00	1.00	0.00	4.43	12.61	2.00	0.00	1.00	0.00
4.44	12.55	2.00	0.00	1.00	0.00	4.45	10.98	2.00	0.00	1.00	0.00
4.46	9.41	2.00	0.00	1.00	0.00	4.47	9.35	2.00	0.00	1.00	0.00
4.48	10.80	2.00	0.00	1.00	0.00	4.49	12.13	2.00	0.00	1.00	0.00
4.50	11.94	2.00	0.00	1.00	0.00	4.51	11.87	2.00	0.00	1.00	0.00
4.52	11.84	2.00	0.00	1.00	0.00	4.53	11.82	2.00	0.00	1.00	0.00
4.54	11.90	2.00	0.00	1.00	0.00	4.55	11.88	2.00	0.00	1.00	0.00
4.56	11.82	2.00	0.00	1.00	0.00	4.57	11.76	2.00	0.00	1.00	0.00
4.58	11.69	2.00	0.00	1.00	0.00	4.59	11.60	2.00	0.00	1.00	0.00
4.60	11.52	2.00	0.00	1.00	0.00	4.61	11.51	2.00	0.00	1.00	0.00
4.62	11.44	2.00	0.00	1.00	0.00	4.63	11.38	2.00	0.00	1.00	0.00
4.64	9.81	2.00	0.00	1.00	0.00	4.65	9.75	2.00	0.00	1.00	0.00
4.66	9.69	2.00	0.00	1.00	0.00	4.67	11.14	2.00	0.00	1.00	0.00
4.68	9.57	2.00	0.00	1.00	0.00	4.69	8.00	2.00	0.00	1.00	0.00
4.70	6.43	2.00	0.00	1.00	0.00	4.71	6.36	2.00	0.00	1.00	0.00
4.72	6.31	2.00	0.00	1.00	0.00	4.73	6.25	2.00	0.00	1.00	0.00
4.74	6.19	2.00	0.00	1.00	0.00	4.75	6.13	2.00	0.00	1.00	0.00
4.76	6.07	2.00	0.00	1.00	0.00	4.77	6.01	2.00	0.00	1.00	0.00
4.78	5.95	2.00	0.00	1.00	0.00	4.79	7.39	2.00	0.00	1.00	0.00
4.80	8.83	2.00	0.00	1.00	0.00	4.81	10.28	2.00	0.00	1.00	0.00
4.82	8.72	2.00	0.00	1.00	0.00	4.83	8.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
4.84	8.61	2.00	0.00	1.00	0.00	4.85	10.06	2.00	0.00	1.00	0.00
4.86	10.01	2.00	0.00	1.00	0.00	4.87	9.95	2.00	0.00	1.00	0.00
4.88	9.89	2.00	0.00	1.00	0.00	4.89	9.83	2.00	0.00	1.00	0.00
4.90	9.78	2.00	0.00	1.00	0.00	4.91	9.72	2.00	0.00	1.00	0.00
4.92	9.66	2.00	0.00	1.00	0.00	4.93	10.83	2.00	0.00	1.00	0.00
4.94	11.38	2.00	0.00	1.00	0.00	4.95	11.46	2.00	0.00	1.00	0.00
4.96	11.89	2.00	0.00	1.00	0.00	4.97	11.89	2.00	0.00	1.00	0.00
4.98	12.28	2.00	0.00	1.00	0.00	4.99	12.64	2.00	0.00	1.00	0.00
5.00	13.09	2.00	0.00	1.00	0.00	5.01	13.09	2.00	0.00	1.00	0.00
5.02	13.09	2.00	0.00	1.00	0.00	5.03	13.31	2.00	0.00	1.00	0.00
5.04	13.62	2.00	0.00	1.00	0.00	5.05	13.92	2.00	0.00	1.00	0.00
5.06	13.91	2.00	0.00	1.00	0.00	5.07	13.90	2.00	0.00	1.00	0.00
5.08	13.90	2.00	0.00	1.00	0.00	5.09	13.89	2.00	0.00	1.00	0.00
5.10	13.88	2.00	0.00	1.00	0.00	5.11	13.87	2.00	0.00	1.00	0.00
5.12	13.87	2.00	0.00	1.00	0.00	5.13	14.14	2.00	0.00	1.00	0.00
5.14	14.41	2.00	0.00	1.00	0.00	5.15	14.58	2.00	0.00	1.00	0.00
5.16	14.52	2.00	0.00	1.00	0.00	5.17	14.57	2.00	0.00	1.00	0.00
5.18	14.56	2.00	0.00	1.00	0.00	5.19	14.55	2.00	0.00	1.00	0.00
5.20	14.55	2.00	0.00	1.00	0.00	5.21	14.54	2.00	0.00	1.00	0.00
5.22	14.53	2.00	0.00	1.00	0.00	5.23	14.52	2.00	0.00	1.00	0.00
5.24	14.51	2.00	0.00	1.00	0.00	5.25	14.50	2.00	0.00	1.00	0.00
5.26	15.08	2.00	0.00	1.00	0.00	5.27	15.36	2.00	0.00	1.00	0.00
5.28	15.63	2.00	0.00	1.00	0.00	5.29	15.35	2.00	0.00	1.00	0.00
5.30	15.66	2.00	0.00	1.00	0.00	5.31	16.68	2.00	0.00	1.00	0.00
5.32	-1.00	2.00	0.00	1.00	0.00	5.33	-1.00	2.00	0.00	1.00	0.00
5.34	16.65	2.00	0.00	1.00	0.00	5.35	15.93	2.00	0.00	1.00	0.00
5.36	16.11	2.00	0.00	1.00	0.00	5.37	16.39	2.00	0.00	1.00	0.00
5.38	16.54	2.00	0.00	1.00	0.00	5.39	16.61	2.00	0.00	1.00	0.00
5.40	16.85	2.00	0.00	1.00	0.00	5.41	17.14	2.00	0.00	1.00	0.00
5.42	17.44	2.00	0.00	1.00	0.00	5.43	17.53	2.00	0.00	1.00	0.00
5.44	17.70	2.00	0.00	1.00	0.00	5.45	17.87	2.00	0.00	1.00	0.00
5.46	18.23	2.00	0.00	1.00	0.00	5.47	18.58	2.00	0.00	1.00	0.00
5.48	18.83	2.00	0.00	1.00	0.00	5.49	19.05	2.00	0.00	1.00	0.00
5.50	19.23	2.00	0.00	1.00	0.00	5.51	19.84	2.00	0.00	1.00	0.00
5.52	20.41	2.00	0.00	1.00	0.00	5.53	20.98	2.00	0.00	1.00	0.00
5.54	21.16	2.00	0.00	1.00	0.00	5.55	21.08	2.00	0.00	1.00	0.00
5.56	20.92	2.00	0.00	1.00	0.00	5.57	20.74	2.00	0.00	1.00	0.00
5.58	20.79	2.00	0.00	1.00	0.00	5.59	20.59	2.00	0.00	1.00	0.00
5.60	20.63	2.00	0.00	1.00	0.00	5.61	20.38	2.00	0.00	1.00	0.00
5.62	20.37	2.00	0.00	1.00	0.00	5.63	20.21	2.00	0.00	1.00	0.00
5.64	20.26	2.00	0.00	1.00	0.00	5.65	20.20	2.00	0.00	1.00	0.00
5.66	19.87	2.00	0.00	1.00	0.00	5.67	19.53	2.00	0.00	1.00	0.00
5.68	19.29	2.00	0.00	1.00	0.00	5.69	19.48	2.00	0.00	1.00	0.00
5.70	19.77	2.00	0.00	1.00	0.00	5.71	20.17	2.00	0.00	1.00	0.00
5.72	20.57	2.00	0.00	1.00	0.00	5.73	20.99	2.00	0.00	1.00	0.00
5.74	21.34	2.00	0.00	1.00	0.00	5.75	21.48	2.00	0.00	1.00	0.00
5.76	21.34	2.00	0.00	1.00	0.00	5.77	21.20	2.00	0.00	1.00	0.00
5.78	20.96	2.00	0.00	1.00	0.00	5.79	20.98	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.26	2.00	0.00	1.00	0.00	5.81	21.64	2.00	0.00	1.00	0.00
5.82	21.94	2.00	0.00	1.00	0.00	5.83	22.14	2.00	0.00	1.00	0.00
5.84	22.34	2.00	0.00	1.00	0.00	5.85	22.70	2.00	0.00	1.00	0.00
5.86	22.74	2.00	0.00	1.00	0.00	5.87	22.84	2.00	0.00	1.00	0.00
5.88	22.91	2.00	0.00	1.00	0.00	5.89	23.44	2.00	0.00	1.00	0.00
5.90	23.81	2.00	0.00	1.00	0.00	5.91	24.09	2.00	0.00	1.00	0.00
5.92	23.01	2.00	0.00	1.00	0.00	5.93	21.51	2.00	0.00	1.00	0.00
5.94	20.29	2.00	0.00	1.00	0.00	5.95	20.12	2.00	0.00	1.00	0.00
5.96	20.13	2.00	0.00	1.00	0.00	5.97	20.70	2.00	0.00	1.00	0.00
5.98	21.20	2.00	0.00	1.00	0.00	5.99	21.92	2.00	0.00	1.00	0.00
6.00	22.49	2.00	0.00	1.00	0.00	6.01	23.17	2.00	0.00	1.00	0.00
6.02	23.73	2.00	0.00	1.00	0.00	6.03	24.00	2.00	0.00	1.00	0.00
6.04	24.18	2.00	0.00	1.00	0.00	6.05	24.17	2.00	0.00	1.00	0.00
6.06	23.89	2.00	0.00	1.00	0.00	6.07	23.12	2.00	0.00	1.00	0.00
6.08	22.09	2.00	0.00	1.00	0.00	6.09	21.24	2.00	0.00	1.00	0.00
6.10	20.90	2.00	0.00	1.00	0.00	6.11	21.25	2.00	0.00	1.00	0.00
6.12	21.74	2.00	0.00	1.00	0.00	6.13	22.19	2.00	0.00	1.00	0.00
6.14	22.68	2.00	0.00	1.00	0.00	6.15	23.38	2.00	0.00	1.00	0.00
6.16	24.49	2.00	0.00	1.00	0.00	6.17	25.61	2.00	0.00	1.00	0.00
6.18	26.44	2.00	0.00	1.00	0.00	6.19	26.88	2.00	0.00	1.00	0.00
6.20	26.51	2.00	0.00	1.00	0.00	6.21	25.67	2.00	0.00	1.00	0.00
6.22	24.45	2.00	0.00	1.00	0.00	6.23	23.68	2.00	0.00	1.00	0.00
6.24	23.15	2.00	0.00	1.00	0.00	6.25	23.24	2.00	0.00	1.00	0.00
6.26	23.24	2.00	0.00	1.00	0.00	6.27	23.29	2.00	0.00	1.00	0.00
6.28	22.77	2.00	0.00	1.00	0.00	6.29	22.24	2.00	0.00	1.00	0.00
6.30	21.76	2.00	0.00	1.00	0.00	6.31	22.00	2.00	0.00	1.00	0.00
6.32	22.54	2.00	0.00	1.00	0.00	6.33	23.06	2.00	0.00	1.00	0.00
6.34	23.18	2.00	0.00	1.00	0.00	6.35	23.17	2.00	0.00	1.00	0.00
6.36	23.02	2.00	0.00	1.00	0.00	6.37	23.03	2.00	0.00	1.00	0.00
6.38	23.33	2.00	0.00	1.00	0.00	6.39	23.80	2.00	0.00	1.00	0.00
6.40	24.12	2.00	0.00	1.00	0.00	6.41	24.24	2.00	0.00	1.00	0.00
6.42	24.28	2.00	0.00	1.00	0.00	6.43	24.05	2.00	0.00	1.00	0.00
6.44	23.29	2.00	0.00	1.00	0.00	6.45	22.38	2.00	0.00	1.00	0.00
6.46	21.22	2.00	0.00	1.00	0.00	6.47	20.30	2.00	0.00	1.00	0.00
6.48	19.59	2.00	0.00	1.00	0.00	6.49	19.14	2.00	0.00	1.00	0.00
6.50	18.79	2.00	0.00	1.00	0.00	6.51	18.59	2.00	0.00	1.00	0.00
6.52	18.87	2.00	0.00	1.00	0.00	6.53	19.00	2.00	0.00	1.00	0.00
6.54	19.26	2.00	0.00	1.00	0.00	6.55	19.45	2.00	0.00	1.00	0.00
6.56	19.45	2.00	0.00	1.00	0.00	6.57	19.44	2.00	0.00	1.00	0.00
6.58	19.28	2.00	0.00	1.00	0.00	6.59	19.16	2.00	0.00	1.00	0.00
6.60	19.04	2.00	0.00	1.00	0.00	6.61	19.09	2.00	0.00	1.00	0.00
6.62	19.03	2.00	0.00	1.00	0.00	6.63	19.03	2.00	0.00	1.00	0.00
6.64	19.14	2.00	0.00	1.00	0.00	6.65	19.30	2.00	0.00	1.00	0.00
6.66	19.41	2.00	0.00	1.00	0.00	6.67	19.41	2.00	0.00	1.00	0.00
6.68	19.41	2.00	0.00	1.00	0.00	6.69	19.40	2.00	0.00	1.00	0.00
6.70	19.40	2.00	0.00	1.00	0.00	6.71	19.28	2.00	0.00	1.00	0.00
6.72	19.16	2.00	0.00	1.00	0.00	6.73	19.05	2.00	0.00	1.00	0.00
6.74	19.16	2.00	0.00	1.00	0.00	6.75	19.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	19.49	2.00	0.00	1.00	0.00	6.77	19.60	2.00	0.00	1.00	0.00
6.78	19.70	2.00	0.00	1.00	0.00	6.79	19.70	2.00	0.00	1.00	0.00
6.80	19.70	2.00	0.00	1.00	0.00	6.81	19.69	2.00	0.00	1.00	0.00
6.82	19.69	2.00	0.00	1.00	0.00	6.83	19.65	2.00	0.00	1.00	0.00
6.84	19.65	2.00	0.00	1.00	0.00	6.85	19.65	2.00	0.00	1.00	0.00
6.86	19.68	2.00	0.00	1.00	0.00	6.87	19.68	2.00	0.00	1.00	0.00
6.88	19.68	2.00	0.00	1.00	0.00	6.89	19.67	2.00	0.00	1.00	0.00
6.90	19.67	2.00	0.00	1.00	0.00	6.91	19.88	2.00	0.00	1.00	0.00
6.92	19.98	2.00	0.00	1.00	0.00	6.93	19.99	2.00	0.00	1.00	0.00
6.94	19.79	2.00	0.00	1.00	0.00	6.95	19.69	2.00	0.00	1.00	0.00
6.96	19.69	2.00	0.00	1.00	0.00	6.97	19.75	2.00	0.00	1.00	0.00
6.98	19.75	2.00	0.00	1.00	0.00	6.99	19.85	2.00	0.00	1.00	0.00
7.00	20.00	2.00	0.00	1.00	0.00	7.01	20.19	2.00	0.00	1.00	0.00
7.02	20.29	2.00	0.00	1.00	0.00	7.03	20.29	2.00	0.00	1.00	0.00
7.04	20.29	2.00	0.00	1.00	0.00	7.05	20.33	2.00	0.00	1.00	0.00
7.06	20.33	2.00	0.00	1.00	0.00	7.07	20.23	2.00	0.00	1.00	0.00
7.08	20.09	2.00	0.00	1.00	0.00	7.09	19.99	2.00	0.00	1.00	0.00
7.10	19.99	2.00	0.00	1.00	0.00	7.11	19.98	2.00	0.00	1.00	0.00
7.12	19.98	2.00	0.00	1.00	0.00	7.13	19.98	2.00	0.00	1.00	0.00
7.14	19.98	2.00	0.00	1.00	0.00	7.15	20.07	2.00	0.00	1.00	0.00
7.16	20.17	2.00	0.00	1.00	0.00	7.17	20.26	2.00	0.00	1.00	0.00
7.18	20.26	2.00	0.00	1.00	0.00	7.19	20.36	2.00	0.00	1.00	0.00
7.20	20.45	2.00	0.00	1.00	0.00	7.21	20.63	2.00	0.00	1.00	0.00
7.22	20.72	2.00	0.00	1.00	0.00	7.23	20.89	2.00	0.00	1.00	0.00
7.24	20.98	2.00	0.00	1.00	0.00	7.25	21.00	2.00	0.00	1.00	0.00
7.26	20.91	2.00	0.00	1.00	0.00	7.27	20.83	2.00	0.00	1.00	0.00
7.28	20.80	2.00	0.00	1.00	0.00	7.29	20.80	2.00	0.00	1.00	0.00
7.30	20.80	2.00	0.00	1.00	0.00	7.31	20.80	2.00	0.00	1.00	0.00
7.32	20.80	2.00	0.00	1.00	0.00	7.33	20.79	2.00	0.00	1.00	0.00
7.34	20.79	2.00	0.00	1.00	0.00	7.35	20.79	2.00	0.00	1.00	0.00
7.36	20.88	2.00	0.00	1.00	0.00	7.37	21.13	2.00	0.00	1.00	0.00
7.38	21.46	2.00	0.00	1.00	0.00	7.39	21.84	2.00	0.00	1.00	0.00
7.40	22.28	2.00	0.00	1.00	0.00	7.41	22.78	2.00	0.00	1.00	0.00
7.42	23.17	2.00	0.00	1.00	0.00	7.43	23.24	2.00	0.00	1.00	0.00
7.44	23.32	2.00	0.00	1.00	0.00	7.45	23.27	2.00	0.00	1.00	0.00
7.46	25.13	2.00	0.00	1.00	0.00	7.47	26.25	2.00	0.00	1.00	0.00
7.48	25.68	2.00	0.00	1.00	0.00	7.49	24.39	2.00	0.00	1.00	0.00
7.50	23.85	2.00	0.00	1.00	0.00	7.51	23.36	2.00	0.00	1.00	0.00
7.52	23.00	2.00	0.00	1.00	0.00	7.53	22.48	2.00	0.00	1.00	0.00
7.54	22.35	2.00	0.00	1.00	0.00	7.55	22.06	2.00	0.00	1.00	0.00
7.56	21.98	2.00	0.00	1.00	0.00	7.57	21.89	2.00	0.00	1.00	0.00
7.58	21.65	2.00	0.00	1.00	0.00	7.59	21.00	2.00	0.00	1.00	0.00
7.60	20.66	2.00	0.00	1.00	0.00	7.61	20.55	2.00	0.00	1.00	0.00
7.62	20.62	2.00	0.00	1.00	0.00	7.63	20.61	2.00	0.00	1.00	0.00
7.64	20.69	2.00	0.00	1.00	0.00	7.65	20.77	2.00	0.00	1.00	0.00
7.66	20.85	2.00	0.00	1.00	0.00	7.67	20.93	2.00	0.00	1.00	0.00
7.68	21.08	2.00	0.00	1.00	0.00	7.69	21.23	2.00	0.00	1.00	0.00
7.70	21.37	2.00	0.00	1.00	0.00	7.71	21.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	21.51	2.00	0.00	1.00	0.00	7.73	21.51	2.00	0.00	1.00	0.00
7.74	21.48	2.00	0.00	1.00	0.00	7.75	21.47	2.00	0.00	1.00	0.00
7.76	21.47	2.00	0.00	1.00	0.00	7.77	21.47	2.00	0.00	1.00	0.00
7.78	21.45	2.00	0.00	1.00	0.00	7.79	21.45	2.00	0.00	1.00	0.00
7.80	21.47	2.00	0.00	1.00	0.00	7.81	21.47	2.00	0.00	1.00	0.00
7.82	21.47	2.00	0.00	1.00	0.00	7.83	21.45	2.00	0.00	1.00	0.00
7.84	21.44	2.00	0.00	1.00	0.00	7.85	21.51	2.00	0.00	1.00	0.00
7.86	21.59	2.00	0.00	1.00	0.00	7.87	21.67	2.00	0.00	1.00	0.00
7.88	21.67	2.00	0.00	1.00	0.00	7.89	21.65	2.00	0.00	1.00	0.00
7.90	21.55	2.00	0.00	1.00	0.00	7.91	21.60	2.00	0.00	1.00	0.00
7.92	21.66	2.00	0.00	1.00	0.00	7.93	21.77	2.00	0.00	1.00	0.00
7.94	21.70	2.00	0.00	1.00	0.00	7.95	21.71	2.00	0.00	1.00	0.00
7.96	21.71	2.00	0.00	1.00	0.00	7.97	21.71	2.00	0.00	1.00	0.00
7.98	21.71	2.00	0.00	1.00	0.00	7.99	21.71	2.00	0.00	1.00	0.00
8.00	21.64	2.00	0.00	1.00	0.00	8.01	21.64	2.00	0.00	1.00	0.00
8.02	21.64	2.00	0.00	1.00	0.00	8.03	21.71	2.00	0.00	1.00	0.00
8.04	21.70	2.00	0.00	1.00	0.00	8.05	21.63	2.00	0.00	1.00	0.00
8.06	21.56	2.00	0.00	1.00	0.00	8.07	21.49	2.00	0.00	1.00	0.00
8.08	21.42	2.00	0.00	1.00	0.00	8.09	21.34	2.00	0.00	1.00	0.00
8.10	21.27	2.00	0.00	1.00	0.00	8.11	21.19	2.00	0.00	1.00	0.00
8.12	21.19	2.00	0.00	1.00	0.00	8.13	21.19	2.00	0.00	1.00	0.00
8.14	21.26	2.00	0.00	1.00	0.00	8.15	21.34	2.00	0.00	1.00	0.00
8.16	21.41	2.00	0.00	1.00	0.00	8.17	21.48	2.00	0.00	1.00	0.00
8.18	21.55	2.00	0.00	1.00	0.00	8.19	21.65	2.00	0.00	1.00	0.00
8.20	21.71	2.00	0.00	1.00	0.00	8.21	21.71	2.00	0.00	1.00	0.00
8.22	21.68	2.00	0.00	1.00	0.00	8.23	21.68	2.00	0.00	1.00	0.00
8.24	21.68	2.00	0.00	1.00	0.00	8.25	21.68	2.00	0.00	1.00	0.00
8.26	21.74	2.00	0.00	1.00	0.00	8.27	21.81	2.00	0.00	1.00	0.00
8.28	21.87	2.00	0.00	1.00	0.00	8.29	22.00	2.00	0.00	1.00	0.00
8.30	22.20	2.00	0.00	1.00	0.00	8.31	22.50	2.00	0.00	1.00	0.00
8.32	22.76	2.00	0.00	1.00	0.00	8.33	23.12	2.00	0.00	1.00	0.00
8.34	23.41	2.00	0.00	1.00	0.00	8.35	23.54	2.00	0.00	1.00	0.00
8.36	23.57	2.00	0.00	1.00	0.00	8.37	24.04	2.00	0.00	1.00	0.00
8.38	26.08	2.00	0.00	1.00	0.00	8.39	24.90	2.00	0.00	1.00	0.00
8.40	22.62	2.00	0.00	1.00	0.00	8.41	23.11	2.00	0.00	1.00	0.00
8.42	23.59	2.00	0.00	1.00	0.00	8.43	23.45	2.00	0.00	1.00	0.00
8.44	23.49	2.00	0.00	1.00	0.00	8.45	23.70	2.00	0.00	1.00	0.00
8.46	23.98	2.00	0.00	1.00	0.00	8.47	24.25	2.00	0.00	1.00	0.00
8.48	24.58	2.00	0.00	1.00	0.00	8.49	25.05	2.00	0.00	1.00	0.00
8.50	24.93	2.00	0.00	1.00	0.00	8.51	24.63	2.00	0.00	1.00	0.00
8.52	23.89	2.00	0.00	1.00	0.00	8.53	22.98	2.00	0.00	1.00	0.00
8.54	22.12	2.00	0.00	1.00	0.00	8.55	21.89	2.00	0.00	1.00	0.00
8.56	21.96	2.00	0.00	1.00	0.00	8.57	21.94	2.00	0.00	1.00	0.00
8.58	22.01	2.00	0.00	1.00	0.00	8.59	22.09	2.00	0.00	1.00	0.00
8.60	22.25	2.00	0.00	1.00	0.00	8.61	22.92	2.00	0.00	1.00	0.00
8.62	24.13	2.00	0.00	1.00	0.00	8.63	25.76	2.00	0.00	1.00	0.00
8.64	25.91	2.00	0.00	1.00	0.00	8.65	26.06	2.00	0.00	1.00	0.00
8.66	26.06	2.00	0.00	1.00	0.00	8.67	26.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	25.89	2.00	0.00	1.00	0.00	8.69	25.73	2.00	0.00	1.00	0.00
8.70	25.57	2.00	0.00	1.00	0.00	8.71	25.57	2.00	0.00	1.00	0.00
8.72	24.09	2.00	0.00	1.00	0.00	8.73	23.27	2.00	0.00	1.00	0.00
8.74	23.84	2.00	0.00	1.00	0.00	8.75	26.81	2.00	0.00	1.00	0.00
8.76	32.77	2.00	0.00	1.00	0.00	8.77	25.22	2.00	0.00	1.00	0.00
8.78	25.37	2.00	0.00	1.00	0.00	8.79	25.65	2.00	0.00	1.00	0.00
8.80	28.80	2.00	0.00	1.00	0.00	8.81	29.16	2.00	0.00	1.00	0.00
8.82	35.15	2.00	0.00	1.00	0.00	8.83	35.14	2.00	0.00	1.00	0.00
8.84	29.34	2.00	0.00	1.00	0.00	8.85	25.18	2.00	0.00	1.00	0.00
8.86	23.75	2.00	0.00	1.00	0.00	8.87	22.61	2.00	0.00	1.00	0.00
8.88	22.56	2.00	0.00	1.00	0.00	8.89	22.85	2.00	0.00	1.00	0.00
8.90	22.99	2.00	0.00	1.00	0.00	8.91	22.75	2.00	0.00	1.00	0.00
8.92	22.61	2.00	0.00	1.00	0.00	8.93	22.55	2.00	0.00	1.00	0.00
8.94	22.62	2.00	0.00	1.00	0.00	8.95	22.67	2.00	0.00	1.00	0.00
8.96	22.73	2.00	0.00	1.00	0.00	8.97	22.75	2.00	0.00	1.00	0.00
8.98	22.75	2.00	0.00	1.00	0.00	8.99	22.91	2.00	0.00	1.00	0.00
9.00	23.16	2.00	0.00	1.00	0.00	9.01	23.62	2.00	0.00	1.00	0.00
9.02	23.54	2.00	0.00	1.00	0.00	9.03	23.46	2.00	0.00	1.00	0.00
9.04	23.37	2.00	0.00	1.00	0.00	9.05	23.29	2.00	0.00	1.00	0.00
9.06	23.02	2.00	0.00	1.00	0.00	9.07	22.94	2.00	0.00	1.00	0.00
9.08	22.81	2.00	0.00	1.00	0.00	9.09	22.71	2.00	0.00	1.00	0.00
9.10	22.64	2.00	0.00	1.00	0.00	9.11	22.78	2.00	0.00	1.00	0.00
9.12	22.85	2.00	0.00	1.00	0.00	9.13	22.99	2.00	0.00	1.00	0.00
9.14	23.04	2.00	0.00	1.00	0.00	9.15	23.15	2.00	0.00	1.00	0.00
9.16	23.34	2.00	0.00	1.00	0.00	9.17	23.54	2.00	0.00	1.00	0.00
9.18	23.96	2.00	0.00	1.00	0.00	9.19	24.22	2.00	0.00	1.00	0.00
9.20	24.22	2.00	0.00	1.00	0.00	9.21	25.28	2.00	0.00	1.00	0.00
9.22	28.42	2.00	0.00	1.00	0.00	9.23	-1.00	2.00	0.00	1.00	0.00
9.24	38.51	2.00	0.00	1.00	0.00	9.25	25.70	2.00	0.00	1.00	0.00
9.26	23.46	2.00	0.00	1.00	0.00	9.27	23.04	2.00	0.00	1.00	0.00
9.28	23.19	2.00	0.00	1.00	0.00	9.29	23.77	2.00	0.00	1.00	0.00
9.30	24.53	2.00	0.00	1.00	0.00	9.31	25.18	2.00	0.00	1.00	0.00
9.32	25.57	2.00	0.00	1.00	0.00	9.33	25.92	2.00	0.00	1.00	0.00
9.34	26.16	2.00	0.00	1.00	0.00	9.35	26.08	2.00	0.00	1.00	0.00
9.36	25.83	2.00	0.00	1.00	0.00	9.37	25.59	2.00	0.00	1.00	0.00
9.38	25.42	2.00	0.00	1.00	0.00	9.39	25.19	2.00	0.00	1.00	0.00
9.40	25.07	2.00	0.00	1.00	0.00	9.41	25.10	2.00	0.00	1.00	0.00
9.42	24.96	2.00	0.00	1.00	0.00	9.43	24.66	2.00	0.00	1.00	0.00
9.44	24.27	2.00	0.00	1.00	0.00	9.45	24.10	2.00	0.00	1.00	0.00
9.46	24.10	2.00	0.00	1.00	0.00	9.47	24.16	2.00	0.00	1.00	0.00
9.48	24.05	2.00	0.00	1.00	0.00	9.49	23.93	2.00	0.00	1.00	0.00
9.50	23.78	2.00	0.00	1.00	0.00	9.51	23.81	2.00	0.00	1.00	0.00
9.52	24.03	2.00	0.00	1.00	0.00	9.53	24.40	2.00	0.00	1.00	0.00
9.54	24.70	2.00	0.00	1.00	0.00	9.55	24.90	2.00	0.00	1.00	0.00
9.56	25.12	2.00	0.00	1.00	0.00	9.57	25.60	2.00	0.00	1.00	0.00
9.58	26.34	2.00	0.00	1.00	0.00	9.59	26.93	2.00	0.00	1.00	0.00
9.60	27.21	2.00	0.00	1.00	0.00	9.61	27.32	2.00	0.00	1.00	0.00
9.62	27.35	2.00	0.00	1.00	0.00	9.63	27.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	27.19	2.00	0.00	1.00	0.00	9.65	27.10	2.00	0.00	1.00	0.00
9.66	27.05	2.00	0.00	1.00	0.00	9.67	26.84	2.00	0.00	1.00	0.00
9.68	26.50	2.00	0.00	1.00	0.00	9.69	26.08	2.00	0.00	1.00	0.00
9.70	25.58	2.00	0.00	1.00	0.00	9.71	25.34	2.00	0.00	1.00	0.00
9.72	25.22	2.00	0.00	1.00	0.00	9.73	25.43	2.00	0.00	1.00	0.00
9.74	25.35	2.00	0.00	1.00	0.00	9.75	25.18	2.00	0.00	1.00	0.00
9.76	25.13	2.00	0.00	1.00	0.00	9.77	25.37	2.00	0.00	1.00	0.00
9.78	25.74	2.00	0.00	1.00	0.00	9.79	25.97	2.00	0.00	1.00	0.00
9.80	26.07	2.00	0.00	1.00	0.00	9.81	26.34	2.00	0.00	1.00	0.00
9.82	27.09	2.00	0.00	1.00	0.00	9.83	27.81	2.00	0.00	1.00	0.00
9.84	28.49	2.00	0.00	1.00	0.00	9.85	29.00	2.00	0.00	1.00	0.00
9.86	29.54	2.00	0.00	1.00	0.00	9.87	29.77	2.00	0.00	1.00	0.00
9.88	29.71	2.00	0.00	1.00	0.00	9.89	29.60	2.00	0.00	1.00	0.00
9.90	27.68	2.00	0.00	1.00	0.00	9.91	25.64	2.00	0.00	1.00	0.00
9.92	24.58	2.00	0.00	1.00	0.00	9.93	24.68	2.00	0.00	1.00	0.00
9.94	25.06	2.00	0.00	1.00	0.00	9.95	26.07	2.00	0.00	1.00	0.00
9.96	24.38	2.00	0.00	1.00	0.00	9.97	25.11	2.00	0.00	1.00	0.00
9.98	27.39	2.00	0.00	1.00	0.00	9.99	29.84	2.00	0.00	1.00	0.00
10.00	31.43	2.00	0.00	1.00	0.00	10.01	32.23	2.00	0.00	1.00	0.00
10.02	33.91	2.00	0.00	1.00	0.00	10.03	36.07	2.00	0.00	1.00	0.00
10.04	38.57	2.00	0.00	1.00	0.00	10.05	41.65	2.00	0.00	1.00	0.00
10.06	45.20	2.00	0.00	1.00	0.00	10.07	49.03	2.00	0.00	1.00	0.00
10.08	53.02	2.00	0.00	1.00	0.00	10.09	56.82	2.00	0.00	1.00	0.00
10.10	60.20	2.00	0.00	1.00	0.00	10.11	62.51	2.00	0.00	1.00	0.00
10.12	64.63	2.00	0.00	1.00	0.00	10.13	67.25	2.00	0.00	1.00	0.00
10.14	71.68	2.00	0.00	1.00	0.00	10.15	76.40	2.00	0.00	1.00	0.00
10.16	81.10	2.00	0.00	1.00	0.00	10.17	84.97	2.00	0.00	1.00	0.00
10.18	88.39	2.00	0.00	1.00	0.00	10.19	91.21	2.00	0.00	1.00	0.00
10.20	93.13	2.00	0.00	1.00	0.00	10.21	94.12	2.00	0.00	1.00	0.00
10.22	94.36	2.00	0.00	1.00	0.00	10.23	93.84	2.00	0.00	1.00	0.00
10.24	93.62	2.00	0.00	1.00	0.00	10.25	93.33	2.00	0.00	1.00	0.00
10.26	93.34	2.00	0.00	1.00	0.00	10.27	93.20	2.00	0.00	1.00	0.00
10.28	93.05	2.00	0.00	1.00	0.00	10.29	93.17	2.00	0.00	1.00	0.00
10.30	93.40	2.00	0.00	1.00	0.00	10.31	93.56	2.00	0.00	1.00	0.00
10.32	92.01	2.00	0.00	1.00	0.00	10.33	89.46	2.00	0.00	1.00	0.00
10.34	86.41	2.00	0.00	1.00	0.00	10.35	84.88	2.00	0.00	1.00	0.00
10.36	83.55	2.00	0.00	1.00	0.00	10.37	82.22	2.00	0.00	1.00	0.00
10.38	81.85	2.00	0.00	1.00	0.00	10.39	82.72	2.00	0.00	1.00	0.00
10.40	84.71	2.00	0.00	1.00	0.00	10.41	88.42	2.00	0.00	1.00	0.00
10.42	92.20	2.00	0.00	1.00	0.00	10.43	95.97	2.00	0.00	1.00	0.00
10.44	99.38	2.00	0.00	1.00	0.00	10.45	103.25	2.00	0.00	1.00	0.00
10.46	107.39	2.00	0.00	1.00	0.00	10.47	110.68	2.00	0.00	1.00	0.00
10.48	111.98	2.00	0.00	1.00	0.00	10.49	112.23	2.00	0.00	1.00	0.00
10.50	112.31	2.00	0.00	1.00	0.00	10.51	114.00	2.00	0.00	1.00	0.00
10.52	115.93	2.00	0.00	1.00	0.00	10.53	118.03	2.00	0.00	1.00	0.00
10.54	119.82	2.00	0.00	1.00	0.00	10.55	122.20	2.00	0.00	1.00	0.00
10.56	124.48	2.00	0.00	1.00	0.00	10.57	126.47	2.00	0.00	1.00	0.00
10.58	128.16	2.00	0.00	1.00	0.00	10.59	128.82	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	127.91	2.00	0.00	1.00	0.00	10.61	125.31	2.00	0.00	1.00	0.00
10.62	122.10	2.00	0.00	1.00	0.00	10.63	121.01	2.00	0.00	1.00	0.00
10.64	121.30	2.00	0.00	1.00	0.00	10.65	123.20	2.00	0.00	1.00	0.00
10.66	126.39	2.00	0.00	1.00	0.00	10.67	129.63	2.00	0.00	1.00	0.00
10.68	133.23	2.00	0.00	1.00	0.00	10.69	137.40	2.00	0.00	1.00	0.00
10.70	141.85	2.00	0.00	1.00	0.00	10.71	146.03	2.00	0.00	1.00	0.00
10.72	149.00	2.00	0.00	1.00	0.00	10.73	152.11	2.00	0.00	1.00	0.00
10.74	155.30	2.00	0.00	1.00	0.00	10.75	157.02	2.00	0.00	1.00	0.00
10.76	158.90	2.00	0.00	1.00	0.00	10.77	160.51	2.00	0.00	1.00	0.00
10.78	162.53	2.00	0.00	1.00	0.00	10.79	163.48	2.00	0.00	1.00	0.00
10.80	163.12	2.00	0.00	1.00	0.00	10.81	161.81	2.00	0.00	1.00	0.00
10.82	160.30	2.00	0.00	1.00	0.00	10.83	158.58	2.00	0.00	1.00	0.00
10.84	156.59	2.00	0.00	1.00	0.00	10.85	153.49	2.00	0.00	1.00	0.00
10.86	150.07	2.00	0.00	1.00	0.00	10.87	145.98	2.00	0.00	1.00	0.00
10.88	143.59	2.00	0.00	1.00	0.00	10.89	142.22	2.00	0.00	1.00	0.00
10.90	134.89	2.00	0.00	1.00	0.00	10.91	123.69	2.00	0.00	1.00	0.00
10.92	108.76	2.00	0.00	1.00	0.00	10.93	102.01	2.00	0.00	1.00	0.00
10.94	96.33	0.68	2.41	1.00	0.02	10.95	92.19	0.64	2.50	1.00	0.02
10.96	90.76	0.63	2.53	1.00	0.03	10.97	90.70	0.63	2.53	1.00	0.03
10.98	92.29	0.64	2.50	1.00	0.02	10.99	96.57	0.69	2.40	1.00	0.02
11.00	100.27	0.73	2.33	1.00	0.02	11.01	107.03	0.81	1.84	1.00	0.02
11.02	113.17	0.90	1.31	1.00	0.01	11.03	121.36	2.00	0.00	1.00	0.00
11.04	127.08	2.00	0.00	1.00	0.00	11.05	133.83	2.00	0.00	1.00	0.00
11.06	141.28	2.00	0.00	1.00	0.00	11.07	148.54	2.00	0.00	1.00	0.00
11.08	153.65	2.00	0.00	1.00	0.00	11.09	156.53	2.00	0.00	1.00	0.00
11.10	158.25	2.00	0.00	1.00	0.00	11.11	160.46	2.00	0.00	1.00	0.00
11.12	161.96	2.00	0.00	1.00	0.00	11.13	162.65	2.00	0.00	1.00	0.00
11.14	161.47	2.00	0.00	1.00	0.00	11.15	160.12	2.00	0.00	1.00	0.00
11.16	159.02	2.00	0.00	1.00	0.00	11.17	158.62	2.00	0.00	1.00	0.00
11.18	158.05	2.00	0.00	1.00	0.00	11.19	157.72	2.00	0.00	1.00	0.00
11.20	157.45	2.00	0.00	1.00	0.00	11.21	157.16	2.00	0.00	1.00	0.00
11.22	156.42	2.00	0.00	1.00	0.00	11.23	154.04	2.00	0.00	1.00	0.00
11.24	151.36	2.00	0.00	1.00	0.00	11.25	147.78	2.00	0.00	1.00	0.00
11.26	143.77	2.00	0.00	1.00	0.00	11.27	140.04	2.00	0.00	1.00	0.00
11.28	137.16	2.00	0.00	1.00	0.00	11.29	136.08	2.00	0.00	1.00	0.00
11.30	135.18	2.00	0.00	1.00	0.00	11.31	134.63	2.00	0.00	1.00	0.00
11.32	134.51	2.00	0.00	1.00	0.00	11.33	134.57	2.00	0.00	1.00	0.00
11.34	134.26	2.00	0.00	1.00	0.00	11.35	133.75	2.00	0.00	1.00	0.00
11.36	133.41	2.00	0.00	1.00	0.00	11.37	133.23	2.00	0.00	1.00	0.00
11.38	132.61	2.00	0.00	1.00	0.00	11.39	131.55	2.00	0.00	1.00	0.00
11.40	129.90	2.00	0.00	1.00	0.00	11.41	128.12	2.00	0.00	1.00	0.00
11.42	125.66	2.00	0.00	1.00	0.00	11.43	121.75	2.00	0.00	1.00	0.00
11.44	117.58	2.00	0.00	1.00	0.00	11.45	113.82	0.93	1.29	1.00	0.01
11.46	111.72	0.90	1.33	1.00	0.01	11.47	110.20	0.88	1.36	1.00	0.01
11.48	109.28	0.86	1.37	1.00	0.01	11.49	109.65	0.87	1.37	1.00	0.01
11.50	110.78	0.89	1.35	1.00	0.01	11.51	112.12	2.00	0.00	1.00	0.00
11.52	112.88	2.00	0.00	1.00	0.00	11.53	113.49	2.00	0.00	1.00	0.00
11.54	114.87	2.00	0.00	1.00	0.00	11.55	116.56	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	117.96	2.00	0.00	1.00	0.00	11.57	119.03	2.00	0.00	1.00	0.00
11.58	120.19	2.00	0.00	1.00	0.00	11.59	121.64	2.00	0.00	1.00	0.00
11.60	122.62	1.09	0.48	1.00	0.00	11.61	123.12	1.10	0.48	1.00	0.00
11.62	122.99	1.09	0.48	1.00	0.00	11.63	121.14	1.06	0.49	1.00	0.00
11.64	117.43	1.00	0.76	1.00	0.01	11.65	112.41	0.92	1.32	1.00	0.01
11.66	107.35	0.85	1.83	1.00	0.02	11.67	103.11	0.79	1.94	1.00	0.02
11.68	99.04	0.74	2.36	1.00	0.02	11.69	96.05	0.70	2.42	1.00	0.02
11.70	94.45	0.69	2.45	1.00	0.02	11.71	95.36	2.00	0.00	1.00	0.00
11.72	97.08	2.00	0.00	1.00	0.00	11.73	98.57	2.00	0.00	1.00	0.00
11.74	99.43	2.00	0.00	1.00	0.00	11.75	100.75	2.00	0.00	1.00	0.00
11.76	101.96	2.00	0.00	1.00	0.00	11.77	102.80	2.00	0.00	1.00	0.00
11.78	103.10	2.00	0.00	1.00	0.00	11.79	104.31	2.00	0.00	1.00	0.00
11.80	104.76	2.00	0.00	1.00	0.00	11.81	104.43	2.00	0.00	1.00	0.00
11.82	102.79	2.00	0.00	1.00	0.00	11.83	101.27	2.00	0.00	1.00	0.00
11.84	99.42	2.00	0.00	1.00	0.00	11.85	97.01	2.00	0.00	1.00	0.00
11.86	94.55	2.00	0.00	1.00	0.00	11.87	93.04	2.00	0.00	1.00	0.00
11.88	92.45	2.00	0.00	1.00	0.00	11.89	92.48	2.00	0.00	1.00	0.00
11.90	93.80	2.00	0.00	1.00	0.00	11.91	97.18	2.00	0.00	1.00	0.00
11.92	100.61	2.00	0.00	1.00	0.00	11.93	102.74	2.00	0.00	1.00	0.00
11.94	102.97	2.00	0.00	1.00	0.00	11.95	103.62	2.00	0.00	1.00	0.00
11.96	104.99	2.00	0.00	1.00	0.00	11.97	107.91	2.00	0.00	1.00	0.00
11.98	111.06	2.00	0.00	1.00	0.00	11.99	114.14	2.00	0.00	1.00	0.00
12.00	116.09	2.00	0.00	1.00	0.00	12.01	117.67	2.00	0.00	1.00	0.00
12.02	118.79	2.00	0.00	1.00	0.00	12.03	119.71	2.00	0.00	1.00	0.00
12.04	120.80	2.00	0.00	1.00	0.00	12.05	122.23	2.00	0.00	1.00	0.00
12.06	124.38	2.00	0.00	1.00	0.00	12.07	126.90	2.00	0.00	1.00	0.00
12.08	129.41	2.00	0.00	1.00	0.00	12.09	130.67	2.00	0.00	1.00	0.00
12.10	130.64	2.00	0.00	1.00	0.00	12.11	129.76	2.00	0.00	1.00	0.00
12.12	128.78	2.00	0.00	1.00	0.00	12.13	127.70	2.00	0.00	1.00	0.00
12.14	126.56	2.00	0.00	1.00	0.00	12.15	128.05	2.00	0.00	1.00	0.00
12.16	130.09	2.00	0.00	1.00	0.00	12.17	131.77	2.00	0.00	1.00	0.00
12.18	131.03	2.00	0.00	1.00	0.00	12.19	129.32	2.00	0.00	1.00	0.00
12.20	127.23	2.00	0.00	1.00	0.00	12.21	124.91	2.00	0.00	1.00	0.00
12.22	122.55	2.00	0.00	1.00	0.00	12.23	119.72	2.00	0.00	1.00	0.00
12.24	117.53	2.00	0.00	1.00	0.00	12.25	115.79	2.00	0.00	1.00	0.00
12.26	115.36	2.00	0.00	1.00	0.00	12.27	114.83	2.00	0.00	1.00	0.00
12.28	114.52	2.00	0.00	1.00	0.00	12.29	113.24	2.00	0.00	1.00	0.00
12.30	111.91	2.00	0.00	1.00	0.00	12.31	110.39	2.00	0.00	1.00	0.00
12.32	109.51	2.00	0.00	1.00	0.00	12.33	107.90	2.00	0.00	1.00	0.00
12.34	106.50	2.00	0.00	1.00	0.00	12.35	105.33	2.00	0.00	1.00	0.00
12.36	105.29	2.00	0.00	1.00	0.00	12.37	106.08	2.00	0.00	1.00	0.00
12.38	107.63	2.00	0.00	1.00	0.00	12.39	109.33	2.00	0.00	1.00	0.00
12.40	110.76	2.00	0.00	1.00	0.00	12.41	113.00	2.00	0.00	1.00	0.00
12.42	115.76	2.00	0.00	1.00	0.00	12.43	118.97	2.00	0.00	1.00	0.00
12.44	122.44	2.00	0.00	1.00	0.00	12.45	126.05	2.00	0.00	1.00	0.00
12.46	129.67	2.00	0.00	1.00	0.00	12.47	132.34	2.00	0.00	1.00	0.00
12.48	134.21	2.00	0.00	1.00	0.00	12.49	135.49	2.00	0.00	1.00	0.00
12.50	136.84	2.00	0.00	1.00	0.00	12.51	137.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	138.74	2.00	0.00	1.00	0.00	12.53	138.75	2.00	0.00	1.00	0.00
12.54	138.65	2.00	0.00	1.00	0.00	12.55	138.26	2.00	0.00	1.00	0.00
12.56	137.55	2.00	0.00	1.00	0.00	12.57	137.16	2.00	0.00	1.00	0.00
12.58	137.12	2.00	0.00	1.00	0.00	12.59	137.39	2.00	0.00	1.00	0.00
12.60	137.69	2.00	0.00	1.00	0.00	12.61	138.07	2.00	0.00	1.00	0.00
12.62	138.49	2.00	0.00	1.00	0.00	12.63	137.94	2.00	0.00	1.00	0.00
12.64	136.69	2.00	0.00	1.00	0.00	12.65	135.07	2.00	0.00	1.00	0.00
12.66	133.40	2.00	0.00	1.00	0.00	12.67	131.89	2.00	0.00	1.00	0.00
12.68	130.37	2.00	0.00	1.00	0.00	12.69	129.25	2.00	0.00	1.00	0.00
12.70	128.21	2.00	0.00	1.00	0.00	12.71	126.99	2.00	0.00	1.00	0.00
12.72	125.46	2.00	0.00	1.00	0.00	12.73	123.81	2.00	0.00	1.00	0.00
12.74	122.27	2.00	0.00	1.00	0.00	12.75	120.74	2.00	0.00	1.00	0.00
12.76	118.77	2.00	0.00	1.00	0.00	12.77	117.51	2.00	0.00	1.00	0.00
12.78	117.35	2.00	0.00	1.00	0.00	12.79	117.59	2.00	0.00	1.00	0.00
12.80	117.49	2.00	0.00	1.00	0.00	12.81	116.75	2.00	0.00	1.00	0.00
12.82	116.44	2.00	0.00	1.00	0.00	12.83	116.37	2.00	0.00	1.00	0.00
12.84	116.50	2.00	0.00	1.00	0.00	12.85	116.67	2.00	0.00	1.00	0.00
12.86	116.55	2.00	0.00	1.00	0.00	12.87	116.28	2.00	0.00	1.00	0.00
12.88	115.94	2.00	0.00	1.00	0.00	12.89	115.70	2.00	0.00	1.00	0.00
12.90	114.29	2.00	0.00	1.00	0.00	12.91	113.07	2.00	0.00	1.00	0.00
12.92	111.77	2.00	0.00	1.00	0.00	12.93	111.79	2.00	0.00	1.00	0.00
12.94	111.91	2.00	0.00	1.00	0.00	12.95	111.97	2.00	0.00	1.00	0.00
12.96	111.89	2.00	0.00	1.00	0.00	12.97	111.85	2.00	0.00	1.00	0.00
12.98	111.92	2.00	0.00	1.00	0.00	12.99	112.04	2.00	0.00	1.00	0.00
13.00	111.17	2.00	0.00	1.00	0.00	13.01	109.65	2.00	0.00	1.00	0.00
13.02	107.53	2.00	0.00	1.00	0.00	13.03	105.44	2.00	0.00	1.00	0.00
13.04	103.15	2.00	0.00	1.00	0.00	13.05	100.53	2.00	0.00	1.00	0.00
13.06	98.03	2.00	0.00	1.00	0.00	13.07	95.28	2.00	0.00	1.00	0.00
13.08	92.08	2.00	0.00	1.00	0.00	13.09	89.05	2.00	0.00	1.00	0.00
13.10	86.34	2.00	0.00	1.00	0.00	13.11	84.16	2.00	0.00	1.00	0.00
13.12	81.34	2.00	0.00	1.00	0.00	13.13	78.50	2.00	0.00	1.00	0.00
13.14	76.15	2.00	0.00	1.00	0.00	13.15	75.00	2.00	0.00	1.00	0.00
13.16	75.78	2.00	0.00	1.00	0.00	13.17	80.80	2.00	0.00	1.00	0.00
13.18	87.03	2.00	0.00	1.00	0.00	13.19	94.29	2.00	0.00	1.00	0.00
13.20	99.51	2.00	0.00	1.00	0.00	13.21	104.64	2.00	0.00	1.00	0.00
13.22	107.34	2.00	0.00	1.00	0.00	13.23	107.94	2.00	0.00	1.00	0.00
13.24	106.80	2.00	0.00	1.00	0.00	13.25	105.62	2.00	0.00	1.00	0.00
13.26	104.96	2.00	0.00	1.00	0.00	13.27	104.71	2.00	0.00	1.00	0.00
13.28	104.89	2.00	0.00	1.00	0.00	13.29	104.57	2.00	0.00	1.00	0.00
13.30	103.51	2.00	0.00	1.00	0.00	13.31	101.39	2.00	0.00	1.00	0.00
13.32	98.10	2.00	0.00	1.00	0.00	13.33	94.65	2.00	0.00	1.00	0.00
13.34	91.56	2.00	0.00	1.00	0.00	13.35	90.60	2.00	0.00	1.00	0.00
13.36	90.38	2.00	0.00	1.00	0.00	13.37	90.72	2.00	0.00	1.00	0.00
13.38	91.40	2.00	0.00	1.00	0.00	13.39	92.50	2.00	0.00	1.00	0.00
13.40	93.74	2.00	0.00	1.00	0.00	13.41	95.30	2.00	0.00	1.00	0.00
13.42	96.86	2.00	0.00	1.00	0.00	13.43	99.17	2.00	0.00	1.00	0.00
13.44	101.49	2.00	0.00	1.00	0.00	13.45	103.32	2.00	0.00	1.00	0.00
13.46	103.94	2.00	0.00	1.00	0.00	13.47	103.82	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	103.77	2.00	0.00	1.00	0.00	13.49	104.13	2.00	0.00	1.00	0.00
13.50	104.75	2.00	0.00	1.00	0.00	13.51	106.29	2.00	0.00	1.00	0.00
13.52	108.48	2.00	0.00	1.00	0.00	13.53	110.79	2.00	0.00	1.00	0.00
13.54	112.71	2.00	0.00	1.00	0.00	13.55	113.70	2.00	0.00	1.00	0.00
13.56	113.88	2.00	0.00	1.00	0.00	13.57	113.15	2.00	0.00	1.00	0.00
13.58	111.84	2.00	0.00	1.00	0.00	13.59	110.28	2.00	0.00	1.00	0.00
13.60	108.69	2.00	0.00	1.00	0.00	13.61	107.01	2.00	0.00	1.00	0.00
13.62	105.35	2.00	0.00	1.00	0.00	13.63	104.12	2.00	0.00	1.00	0.00
13.64	103.15	2.00	0.00	1.00	0.00	13.65	101.70	2.00	0.00	1.00	0.00
13.66	98.84	2.00	0.00	1.00	0.00	13.67	95.75	2.00	0.00	1.00	0.00
13.68	93.01	2.00	0.00	1.00	0.00	13.69	91.06	2.00	0.00	1.00	0.00
13.70	88.64	2.00	0.00	1.00	0.00	13.71	86.47	0.67	2.63	1.00	0.03
13.72	84.92	0.66	2.67	1.00	0.03	13.73	86.44	0.67	2.63	1.00	0.03
13.74	89.03	0.70	2.57	1.00	0.03	13.75	91.78	0.73	2.51	1.00	0.03
13.76	91.58	2.00	0.00	1.00	0.00	13.77	90.25	2.00	0.00	1.00	0.00
13.78	87.76	2.00	0.00	1.00	0.00	13.79	84.74	2.00	0.00	1.00	0.00
13.80	82.11	0.63	2.75	1.00	0.03	13.81	81.48	0.63	2.76	1.00	0.03
13.82	83.58	0.65	2.71	1.00	0.03	13.83	86.98	0.68	2.62	1.00	0.03
13.84	90.96	0.72	2.53	1.00	0.03	13.85	93.91	0.76	2.23	1.00	0.02
13.86	96.33	0.79	2.15	1.00	0.02	13.87	98.10	0.81	2.09	1.00	0.02
13.88	98.69	0.82	2.07	1.00	0.02	13.89	98.86	0.82	2.07	1.00	0.02
13.90	97.04	0.80	2.12	1.00	0.02	13.91	95.32	0.78	2.18	1.00	0.02
13.92	93.55	0.76	2.24	1.00	0.02	13.93	93.33	0.75	2.25	1.00	0.02
13.94	83.89	0.65	2.70	1.00	0.03	13.95	83.84	0.65	2.70	1.00	0.03
13.96	83.72	0.65	2.70	1.00	0.03	13.97	83.76	0.65	2.70	1.00	0.03
13.98	84.02	0.66	2.70	1.00	0.03	13.99	84.64	0.66	2.68	1.00	0.03
14.00	85.39	0.67	2.66	1.00	0.03	14.01	86.24	0.68	2.64	1.00	0.03
14.02	87.34	0.69	2.61	1.00	0.03	14.03	88.54	0.70	2.58	1.00	0.03
14.04	89.71	0.72	2.55	1.00	0.03	14.05	90.83	0.73	2.53	1.00	0.03
14.06	91.96	0.74	2.50	1.00	0.03	14.07	93.12	0.76	2.25	1.00	0.02
14.08	94.30	0.77	2.21	1.00	0.02	14.09	95.55	0.79	2.17	1.00	0.02
14.10	97.33	0.81	2.11	1.00	0.02	14.11	98.90	0.83	2.06	1.00	0.02
14.12	100.78	0.86	1.55	1.00	0.02	14.13	102.06	0.88	1.52	1.00	0.02
14.14	103.21	0.89	1.50	1.00	0.01	14.15	103.85	0.90	1.48	1.00	0.01
14.16	104.15	0.91	1.48	1.00	0.01	14.17	104.14	0.91	1.48	1.00	0.01
14.18	103.41	0.90	1.49	1.00	0.01	14.19	102.61	0.89	1.51	1.00	0.02
14.20	101.60	0.87	1.53	1.00	0.02	14.21	100.90	0.86	1.55	1.00	0.02
14.22	100.10	0.85	1.57	1.00	0.02	14.23	99.53	0.85	2.05	1.00	0.02
14.24	99.71	0.85	2.04	1.00	0.02	14.25	100.76	0.86	1.55	1.00	0.02
14.26	102.13	0.88	1.52	1.00	0.02	14.27	103.23	0.90	1.50	1.00	0.01
14.28	103.50	0.90	1.49	1.00	0.01	14.29	109.38	1.00	0.81	1.00	0.01
14.30	109.30	1.00	0.81	1.00	0.01	14.31	107.81	0.97	0.82	1.00	0.01
14.32	105.68	0.94	1.44	1.00	0.01	14.33	102.91	0.90	1.50	1.00	0.02
14.34	99.16	0.85	2.06	1.00	0.02	14.35	94.80	0.79	2.20	1.00	0.02
14.36	89.63	0.73	2.56	1.00	0.03	14.37	82.77	0.66	2.73	1.00	0.03
14.38	75.25	0.59	2.95	1.00	0.03	14.39	67.92	0.54	3.21	1.00	0.03
14.40	62.91	0.51	3.42	1.00	0.03	14.41	61.04	0.50	3.50	1.00	0.04
14.42	62.66	0.51	3.43	1.00	0.03	14.43	67.96	0.54	3.21	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	74.08	2.00	0.00	1.00	0.00	14.45	83.14	2.00	0.00	1.00	0.00
14.46	89.44	2.00	0.00	1.00	0.00	14.47	94.52	2.00	0.00	1.00	0.00
14.48	97.09	2.00	0.00	1.00	0.00	14.49	98.89	2.00	0.00	1.00	0.00
14.50	99.17	2.00	0.00	1.00	0.00	14.51	97.11	2.00	0.00	1.00	0.00
14.52	94.17	2.00	0.00	1.00	0.00	14.53	91.31	2.00	0.00	1.00	0.00
14.54	88.91	2.00	0.00	1.00	0.00	14.55	86.83	2.00	0.00	1.00	0.00
14.56	84.70	2.00	0.00	1.00	0.00	14.57	82.16	2.00	0.00	1.00	0.00
14.58	77.91	2.00	0.00	1.00	0.00	14.59	72.55	2.00	0.00	1.00	0.00
14.60	67.78	2.00	0.00	1.00	0.00	14.61	64.62	2.00	0.00	1.00	0.00
14.62	62.94	2.00	0.00	1.00	0.00	14.63	62.46	2.00	0.00	1.00	0.00
14.64	63.71	2.00	0.00	1.00	0.00	14.65	65.31	2.00	0.00	1.00	0.00
14.66	67.09	2.00	0.00	1.00	0.00	14.67	68.82	2.00	0.00	1.00	0.00
14.68	70.41	2.00	0.00	1.00	0.00	14.69	71.94	2.00	0.00	1.00	0.00
14.70	73.56	2.00	0.00	1.00	0.00	14.71	75.08	2.00	0.00	1.00	0.00
14.72	76.40	2.00	0.00	1.00	0.00	14.73	77.19	2.00	0.00	1.00	0.00
14.74	77.74	2.00	0.00	1.00	0.00	14.75	78.07	2.00	0.00	1.00	0.00
14.76	77.85	2.00	0.00	1.00	0.00	14.77	77.32	2.00	0.00	1.00	0.00
14.78	76.49	2.00	0.00	1.00	0.00	14.79	75.25	2.00	0.00	1.00	0.00
14.80	73.67	2.00	0.00	1.00	0.00	14.81	72.10	2.00	0.00	1.00	0.00
14.82	70.90	2.00	0.00	1.00	0.00	14.83	69.99	2.00	0.00	1.00	0.00
14.84	68.83	2.00	0.00	1.00	0.00	14.85	67.82	2.00	0.00	1.00	0.00
14.86	66.97	2.00	0.00	1.00	0.00	14.87	66.70	2.00	0.00	1.00	0.00
14.88	66.63	2.00	0.00	1.00	0.00	14.89	66.70	2.00	0.00	1.00	0.00
14.90	66.41	2.00	0.00	1.00	0.00	14.91	67.00	2.00	0.00	1.00	0.00
14.92	67.80	2.00	0.00	1.00	0.00	14.93	69.21	2.00	0.00	1.00	0.00
14.94	70.48	2.00	0.00	1.00	0.00	14.95	72.11	2.00	0.00	1.00	0.00
14.96	73.94	2.00	0.00	1.00	0.00	14.97	75.81	2.00	0.00	1.00	0.00
14.98	77.31	2.00	0.00	1.00	0.00	14.99	78.58	2.00	0.00	1.00	0.00
15.00	79.39	2.00	0.00	1.00	0.00	15.01	80.15	2.00	0.00	1.00	0.00
15.02	80.59	2.00	0.00	1.00	0.00	15.03	80.92	2.00	0.00	1.00	0.00
15.04	81.28	2.00	0.00	1.00	0.00	15.05	81.90	2.00	0.00	1.00	0.00
15.06	82.53	2.00	0.00	1.00	0.00	15.07	83.57	2.00	0.00	1.00	0.00
15.08	84.46	2.00	0.00	1.00	0.00	15.09	84.92	2.00	0.00	1.00	0.00
15.10	84.52	2.00	0.00	1.00	0.00	15.11	83.79	2.00	0.00	1.00	0.00
15.12	83.02	2.00	0.00	1.00	0.00	15.13	82.47	2.00	0.00	1.00	0.00
15.14	82.11	2.00	0.00	1.00	0.00	15.15	82.73	2.00	0.00	1.00	0.00
15.16	83.45	2.00	0.00	1.00	0.00	15.17	84.14	2.00	0.00	1.00	0.00
15.18	83.92	2.00	0.00	1.00	0.00	15.19	83.45	2.00	0.00	1.00	0.00
15.20	82.85	2.00	0.00	1.00	0.00	15.21	82.46	2.00	0.00	1.00	0.00
15.22	82.31	2.00	0.00	1.00	0.00	15.23	82.26	2.00	0.00	1.00	0.00
15.24	82.07	2.00	0.00	1.00	0.00	15.25	81.59	2.00	0.00	1.00	0.00
15.26	81.03	2.00	0.00	1.00	0.00	15.27	80.33	2.00	0.00	1.00	0.00
15.28	79.21	2.00	0.00	1.00	0.00	15.29	77.76	2.00	0.00	1.00	0.00
15.30	76.78	2.00	0.00	1.00	0.00	15.31	77.82	2.00	0.00	1.00	0.00
15.32	79.34	2.00	0.00	1.00	0.00	15.33	80.48	2.00	0.00	1.00	0.00
15.34	79.54	2.00	0.00	1.00	0.00	15.35	78.33	2.00	0.00	1.00	0.00
15.36	77.06	2.00	0.00	1.00	0.00	15.37	76.93	2.00	0.00	1.00	0.00
15.38	77.41	2.00	0.00	1.00	0.00	15.39	78.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	80.27	2.00	0.00	1.00	0.00	15.41	81.63	2.00	0.00	1.00	0.00
15.42	82.23	2.00	0.00	1.00	0.00	15.43	80.64	2.00	0.00	1.00	0.00
15.44	79.09	2.00	0.00	1.00	0.00	15.45	77.73	2.00	0.00	1.00	0.00
15.46	78.97	2.00	0.00	1.00	0.00	15.47	80.60	2.00	0.00	1.00	0.00
15.48	81.69	2.00	0.00	1.00	0.00	15.49	80.78	2.00	0.00	1.00	0.00
15.50	79.47	2.00	0.00	1.00	0.00	15.51	78.81	2.00	0.00	1.00	0.00
15.52	78.87	2.00	0.00	1.00	0.00	15.53	80.56	2.00	0.00	1.00	0.00
15.54	82.95	2.00	0.00	1.00	0.00	15.55	85.82	2.00	0.00	1.00	0.00
15.56	88.01	2.00	0.00	1.00	0.00	15.57	88.99	2.00	0.00	1.00	0.00
15.58	89.29	2.00	0.00	1.00	0.00	15.59	88.73	2.00	0.00	1.00	0.00
15.60	88.89	2.00	0.00	1.00	0.00	15.61	89.38	2.00	0.00	1.00	0.00
15.62	89.54	2.00	0.00	1.00	0.00	15.63	89.37	2.00	0.00	1.00	0.00
15.64	88.66	2.00	0.00	1.00	0.00	15.65	87.97	2.00	0.00	1.00	0.00
15.66	87.24	2.00	0.00	1.00	0.00	15.67	87.35	2.00	0.00	1.00	0.00
15.68	88.55	2.00	0.00	1.00	0.00	15.69	90.13	2.00	0.00	1.00	0.00
15.70	91.06	2.00	0.00	1.00	0.00	15.71	91.78	2.00	0.00	1.00	0.00
15.72	92.63	2.00	0.00	1.00	0.00	15.73	94.43	2.00	0.00	1.00	0.00
15.74	95.91	2.00	0.00	1.00	0.00	15.75	97.07	2.00	0.00	1.00	0.00
15.76	97.00	2.00	0.00	1.00	0.00	15.77	95.33	2.00	0.00	1.00	0.00
15.78	92.95	2.00	0.00	1.00	0.00	15.79	90.81	2.00	0.00	1.00	0.00
15.80	89.69	2.00	0.00	1.00	0.00	15.81	87.66	2.00	0.00	1.00	0.00
15.82	84.44	2.00	0.00	1.00	0.00	15.83	79.92	2.00	0.00	1.00	0.00
15.84	76.50	2.00	0.00	1.00	0.00	15.85	74.15	2.00	0.00	1.00	0.00
15.86	73.10	2.00	0.00	1.00	0.00	15.87	72.26	2.00	0.00	1.00	0.00
15.88	71.73	2.00	0.00	1.00	0.00	15.89	71.55	2.00	0.00	1.00	0.00
15.90	69.60	2.00	0.00	1.00	0.00	15.91	68.13	2.00	0.00	1.00	0.00
15.92	68.94	2.00	0.00	1.00	0.00	15.93	73.31	2.00	0.00	1.00	0.00
15.94	79.31	2.00	0.00	1.00	0.00	15.95	85.98	2.00	0.00	1.00	0.00
15.96	90.16	2.00	0.00	1.00	0.00	15.97	91.37	2.00	0.00	1.00	0.00
15.98	87.88	2.00	0.00	1.00	0.00	15.99	84.86	2.00	0.00	1.00	0.00
16.00	82.94	2.00	0.00	1.00	0.00	16.01	82.95	2.00	0.00	1.00	0.00
16.02	85.06	2.00	0.00	1.00	0.00	16.03	88.03	2.00	0.00	1.00	0.00
16.04	91.35	2.00	0.00	1.00	0.00	16.05	93.07	2.00	0.00	1.00	0.00
16.06	92.61	2.00	0.00	1.00	0.00	16.07	91.12	2.00	0.00	1.00	0.00
16.08	89.77	2.00	0.00	1.00	0.00	16.09	89.53	2.00	0.00	1.00	0.00
16.10	89.33	2.00	0.00	1.00	0.00	16.11	88.70	2.00	0.00	1.00	0.00
16.12	88.44	2.00	0.00	1.00	0.00	16.13	88.79	2.00	0.00	1.00	0.00
16.14	90.01	2.00	0.00	1.00	0.00	16.15	91.43	2.00	0.00	1.00	0.00
16.16	92.88	2.00	0.00	1.00	0.00	16.17	93.50	2.00	0.00	1.00	0.00
16.18	92.75	2.00	0.00	1.00	0.00	16.19	91.02	2.00	0.00	1.00	0.00
16.20	89.29	2.00	0.00	1.00	0.00	16.21	88.30	2.00	0.00	1.00	0.00
16.22	87.95	2.00	0.00	1.00	0.00	16.23	87.81	2.00	0.00	1.00	0.00
16.24	86.58	2.00	0.00	1.00	0.00	16.25	84.62	2.00	0.00	1.00	0.00
16.26	82.80	2.00	0.00	1.00	0.00	16.27	81.47	2.00	0.00	1.00	0.00
16.28	79.81	2.00	0.00	1.00	0.00	16.29	76.60	2.00	0.00	1.00	0.00
16.30	73.25	2.00	0.00	1.00	0.00	16.31	70.43	2.00	0.00	1.00	0.00
16.32	68.37	2.00	0.00	1.00	0.00	16.33	66.55	2.00	0.00	1.00	0.00
16.34	64.56	2.00	0.00	1.00	0.00	16.35	62.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.89	2.00	0.00	1.00	0.00	16.37	58.99	2.00	0.00	1.00	0.00
16.38	56.99	2.00	0.00	1.00	0.00	16.39	55.80	2.00	0.00	1.00	0.00
16.40	54.99	2.00	0.00	1.00	0.00	16.41	55.11	2.00	0.00	1.00	0.00
16.42	55.50	2.00	0.00	1.00	0.00	16.43	56.22	2.00	0.00	1.00	0.00
16.44	57.17	2.00	0.00	1.00	0.00	16.45	58.65	2.00	0.00	1.00	0.00
16.46	60.11	2.00	0.00	1.00	0.00	16.47	61.25	2.00	0.00	1.00	0.00
16.48	62.58	2.00	0.00	1.00	0.00	16.49	63.95	2.00	0.00	1.00	0.00
16.50	65.52	2.00	0.00	1.00	0.00	16.51	67.02	2.00	0.00	1.00	0.00
16.52	68.41	2.00	0.00	1.00	0.00	16.53	69.79	2.00	0.00	1.00	0.00
16.54	70.96	2.00	0.00	1.00	0.00	16.55	72.15	2.00	0.00	1.00	0.00
16.56	73.20	2.00	0.00	1.00	0.00	16.57	73.92	2.00	0.00	1.00	0.00
16.58	74.40	2.00	0.00	1.00	0.00	16.59	74.92	2.00	0.00	1.00	0.00
16.60	76.02	2.00	0.00	1.00	0.00	16.61	77.27	2.00	0.00	1.00	0.00
16.62	78.67	2.00	0.00	1.00	0.00	16.63	79.90	2.00	0.00	1.00	0.00
16.64	80.88	2.00	0.00	1.00	0.00	16.65	81.48	2.00	0.00	1.00	0.00
16.66	82.03	2.00	0.00	1.00	0.00	16.67	83.04	2.00	0.00	1.00	0.00
16.68	84.32	2.00	0.00	1.00	0.00	16.69	85.66	2.00	0.00	1.00	0.00
16.70	86.85	2.00	0.00	1.00	0.00	16.71	88.12	2.00	0.00	1.00	0.00
16.72	89.20	2.00	0.00	1.00	0.00	16.73	90.12	2.00	0.00	1.00	0.00
16.74	90.51	2.00	0.00	1.00	0.00	16.75	90.81	2.00	0.00	1.00	0.00
16.76	91.00	2.00	0.00	1.00	0.00	16.77	91.32	2.00	0.00	1.00	0.00
16.78	92.01	2.00	0.00	1.00	0.00	16.79	92.90	2.00	0.00	1.00	0.00
16.80	93.59	2.00	0.00	1.00	0.00	16.81	93.70	2.00	0.00	1.00	0.00
16.82	93.15	2.00	0.00	1.00	0.00	16.83	92.05	2.00	0.00	1.00	0.00
16.84	90.75	2.00	0.00	1.00	0.00	16.85	89.82	2.00	0.00	1.00	0.00
16.86	90.86	2.00	0.00	1.00	0.00	16.87	91.84	2.00	0.00	1.00	0.00
16.88	92.85	2.00	0.00	1.00	0.00	16.89	96.86	2.00	0.00	1.00	0.00
16.90	102.01	2.00	0.00	1.00	0.00	16.91	107.89	2.00	0.00	1.00	0.00
16.92	111.91	2.00	0.00	1.00	0.00	16.93	115.01	2.00	0.00	1.00	0.00
16.94	117.41	2.00	0.00	1.00	0.00	16.95	120.15	2.00	0.00	1.00	0.00
16.96	122.94	2.00	0.00	1.00	0.00	16.97	125.74	2.00	0.00	1.00	0.00
16.98	126.89	2.00	0.00	1.00	0.00	16.99	127.05	2.00	0.00	1.00	0.00
17.00	126.43	2.00	0.00	1.00	0.00	17.01	124.78	2.00	0.00	1.00	0.00
17.02	122.69	2.00	0.00	1.00	0.00	17.03	120.07	2.00	0.00	1.00	0.00
17.04	116.70	2.00	0.00	1.00	0.00	17.05	113.33	2.00	0.00	1.00	0.00
17.06	109.94	2.00	0.00	1.00	0.00	17.07	107.08	2.00	0.00	1.00	0.00
17.08	103.67	2.00	0.00	1.00	0.00	17.09	100.43	2.00	0.00	1.00	0.00
17.10	98.39	2.00	0.00	1.00	0.00	17.11	97.10	2.00	0.00	1.00	0.00
17.12	96.30	2.00	0.00	1.00	0.00	17.13	95.97	2.00	0.00	1.00	0.00
17.14	97.04	2.00	0.00	1.00	0.00	17.15	98.52	2.00	0.00	1.00	0.00
17.16	100.06	2.00	0.00	1.00	0.00	17.17	100.96	2.00	0.00	1.00	0.00
17.18	101.48	2.00	0.00	1.00	0.00	17.19	101.84	2.00	0.00	1.00	0.00
17.20	101.88	2.00	0.00	1.00	0.00	17.21	101.91	2.00	0.00	1.00	0.00
17.22	101.79	2.00	0.00	1.00	0.00	17.23	102.10	2.00	0.00	1.00	0.00
17.24	102.83	2.00	0.00	1.00	0.00	17.25	104.45	2.00	0.00	1.00	0.00
17.26	106.24	2.00	0.00	1.00	0.00	17.27	108.51	2.00	0.00	1.00	0.00
17.28	110.10	2.00	0.00	1.00	0.00	17.29	111.84	2.00	0.00	1.00	0.00
17.30	112.92	2.00	0.00	1.00	0.00	17.31	114.05	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	114.83	2.00	0.00	1.00	0.00	17.33	115.70	2.00	0.00	1.00	0.00
17.34	116.97	2.00	0.00	1.00	0.00	17.35	118.09	2.00	0.00	1.00	0.00
17.36	118.33	2.00	0.00	1.00	0.00	17.37	117.65	2.00	0.00	1.00	0.00
17.38	116.69	2.00	0.00	1.00	0.00	17.39	116.29	2.00	0.00	1.00	0.00
17.40	116.12	2.00	0.00	1.00	0.00	17.41	116.11	2.00	0.00	1.00	0.00
17.42	116.16	2.00	0.00	1.00	0.00	17.43	116.36	2.00	0.00	1.00	0.00
17.44	116.50	2.00	0.00	1.00	0.00	17.45	116.76	2.00	0.00	1.00	0.00
17.46	117.08	2.00	0.00	1.00	0.00	17.47	117.47	2.00	0.00	1.00	0.00
17.48	117.54	2.00	0.00	1.00	0.00	17.49	117.60	2.00	0.00	1.00	0.00
17.50	117.65	2.00	0.00	1.00	0.00	17.51	117.62	2.00	0.00	1.00	0.00
17.52	116.95	2.00	0.00	1.00	0.00	17.53	116.06	2.00	0.00	1.00	0.00
17.54	115.36	2.00	0.00	1.00	0.00	17.55	115.13	2.00	0.00	1.00	0.00
17.56	115.03	2.00	0.00	1.00	0.00	17.57	115.06	2.00	0.00	1.00	0.00
17.58	115.16	2.00	0.00	1.00	0.00	17.59	115.23	2.00	0.00	1.00	0.00
17.60	115.06	2.00	0.00	1.00	0.00	17.61	114.65	2.00	0.00	1.00	0.00
17.62	113.43	2.00	0.00	1.00	0.00	17.63	111.81	2.00	0.00	1.00	0.00
17.64	110.26	2.00	0.00	1.00	0.00	17.65	109.11	2.00	0.00	1.00	0.00
17.66	108.25	2.00	0.00	1.00	0.00	17.67	107.03	2.00	0.00	1.00	0.00
17.68	106.15	2.00	0.00	1.00	0.00	17.69	104.93	2.00	0.00	1.00	0.00
17.70	103.21	2.00	0.00	1.00	0.00	17.71	101.39	2.00	0.00	1.00	0.00
17.72	100.05	2.00	0.00	1.00	0.00	17.73	99.55	2.00	0.00	1.00	0.00
17.74	99.29	2.00	0.00	1.00	0.00	17.75	99.15	2.00	0.00	1.00	0.00
17.76	99.19	2.00	0.00	1.00	0.00	17.77	99.15	2.00	0.00	1.00	0.00
17.78	98.66	2.00	0.00	1.00	0.00	17.79	97.90	2.00	0.00	1.00	0.00
17.80	97.13	2.00	0.00	1.00	0.00	17.81	96.73	2.00	0.00	1.00	0.00
17.82	96.63	2.00	0.00	1.00	0.00	17.83	96.70	2.00	0.00	1.00	0.00
17.84	96.93	2.00	0.00	1.00	0.00	17.85	97.05	2.00	0.00	1.00	0.00
17.86	97.04	2.00	0.00	1.00	0.00	17.87	96.89	2.00	0.00	1.00	0.00
17.88	95.94	2.00	0.00	1.00	0.00	17.89	95.36	2.00	0.00	1.00	0.00
17.90	95.04	2.00	0.00	1.00	0.00	17.91	95.64	2.00	0.00	1.00	0.00
17.92	95.85	2.00	0.00	1.00	0.00	17.93	95.77	2.00	0.00	1.00	0.00
17.94	95.50	2.00	0.00	1.00	0.00	17.95	95.00	2.00	0.00	1.00	0.00
17.96	94.14	2.00	0.00	1.00	0.00	17.97	93.34	2.00	0.00	1.00	0.00
17.98	92.48	2.00	0.00	1.00	0.00	17.99	91.88	2.00	0.00	1.00	0.00
18.00	91.06	2.00	0.00	1.00	0.00	18.01	89.63	2.00	0.00	1.00	0.00
18.02	87.15	2.00	0.00	1.00	0.00	18.03	84.53	2.00	0.00	1.00	0.00
18.04	82.45	2.00	0.00	1.00	0.00	18.05	81.41	2.00	0.00	1.00	0.00
18.06	79.99	2.00	0.00	1.00	0.00	18.07	78.41	2.00	0.00	1.00	0.00
18.08	77.13	2.00	0.00	1.00	0.00	18.09	76.83	2.00	0.00	1.00	0.00
18.10	77.14	2.00	0.00	1.00	0.00	18.11	77.65	2.00	0.00	1.00	0.00
18.12	78.09	2.00	0.00	1.00	0.00	18.13	78.52	2.00	0.00	1.00	0.00
18.14	79.20	2.00	0.00	1.00	0.00	18.15	80.52	2.00	0.00	1.00	0.00
18.16	82.06	2.00	0.00	1.00	0.00	18.17	83.49	2.00	0.00	1.00	0.00
18.18	84.45	2.00	0.00	1.00	0.00	18.19	84.90	2.00	0.00	1.00	0.00
18.20	84.91	2.00	0.00	1.00	0.00	18.21	84.70	2.00	0.00	1.00	0.00
18.22	84.25	2.00	0.00	1.00	0.00	18.23	83.76	2.00	0.00	1.00	0.00
18.24	82.90	2.00	0.00	1.00	0.00	18.25	81.76	2.00	0.00	1.00	0.00
18.26	80.40	2.00	0.00	1.00	0.00	18.27	79.35	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	79.37	2.00	0.00	1.00	0.00	18.29	79.74	2.00	0.00	1.00	0.00
18.30	79.97	2.00	0.00	1.00	0.00	18.31	79.82	2.00	0.00	1.00	0.00
18.32	79.70	2.00	0.00	1.00	0.00	18.33	79.77	2.00	0.00	1.00	0.00
18.34	80.19	2.00	0.00	1.00	0.00	18.35	80.59	2.00	0.00	1.00	0.00
18.36	80.75	2.00	0.00	1.00	0.00	18.37	80.31	2.00	0.00	1.00	0.00
18.38	78.33	2.00	0.00	1.00	0.00	18.39	76.42	2.00	0.00	1.00	0.00

**Total estimated settlement: 1.96****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**

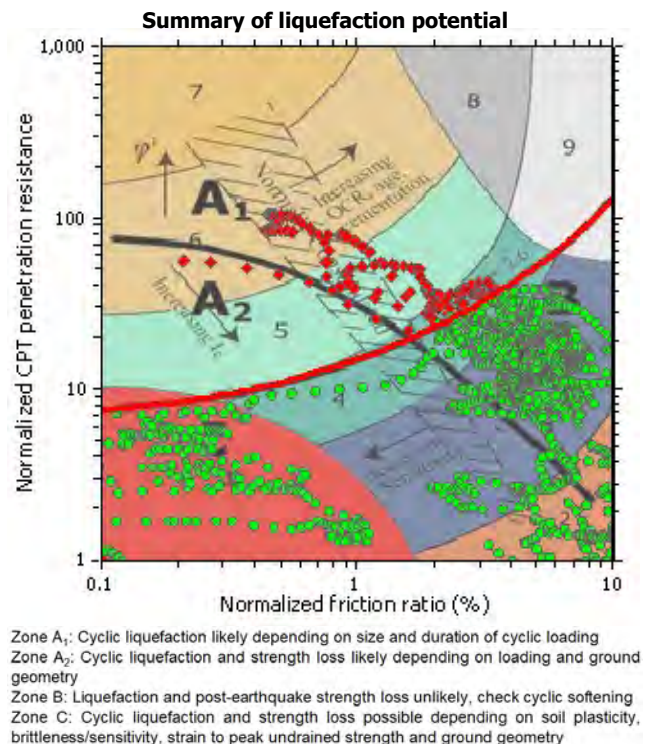
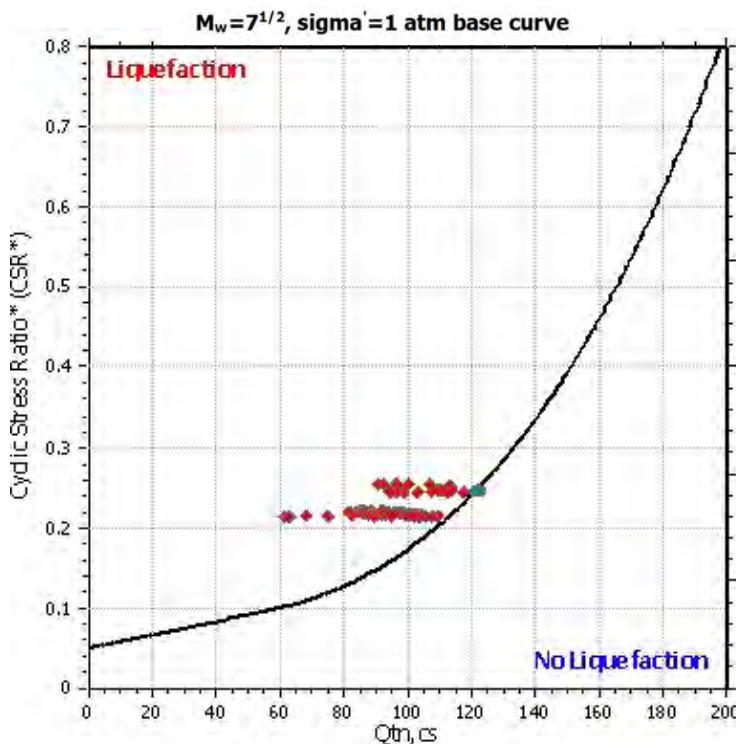
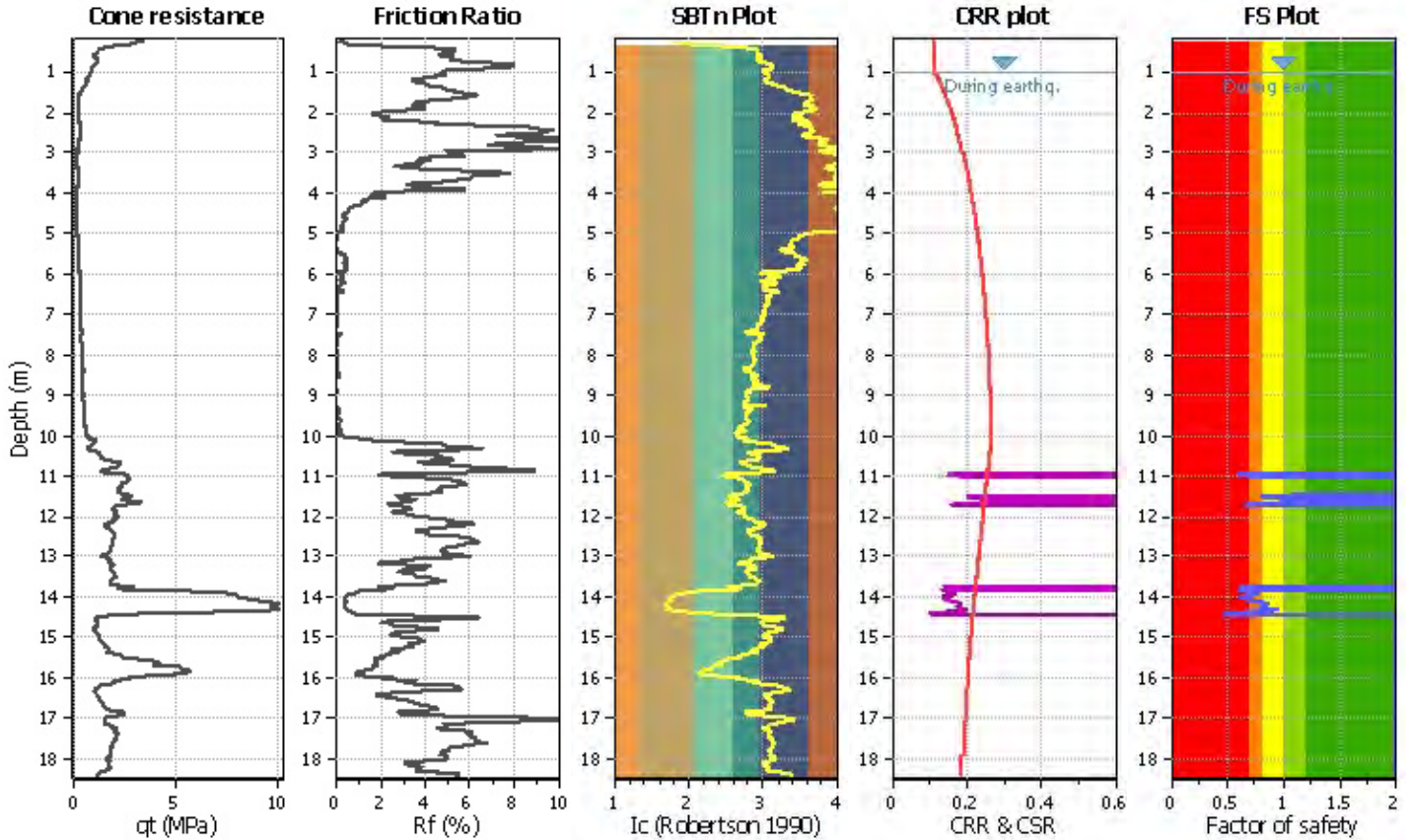
**Project title :**

**Location :**

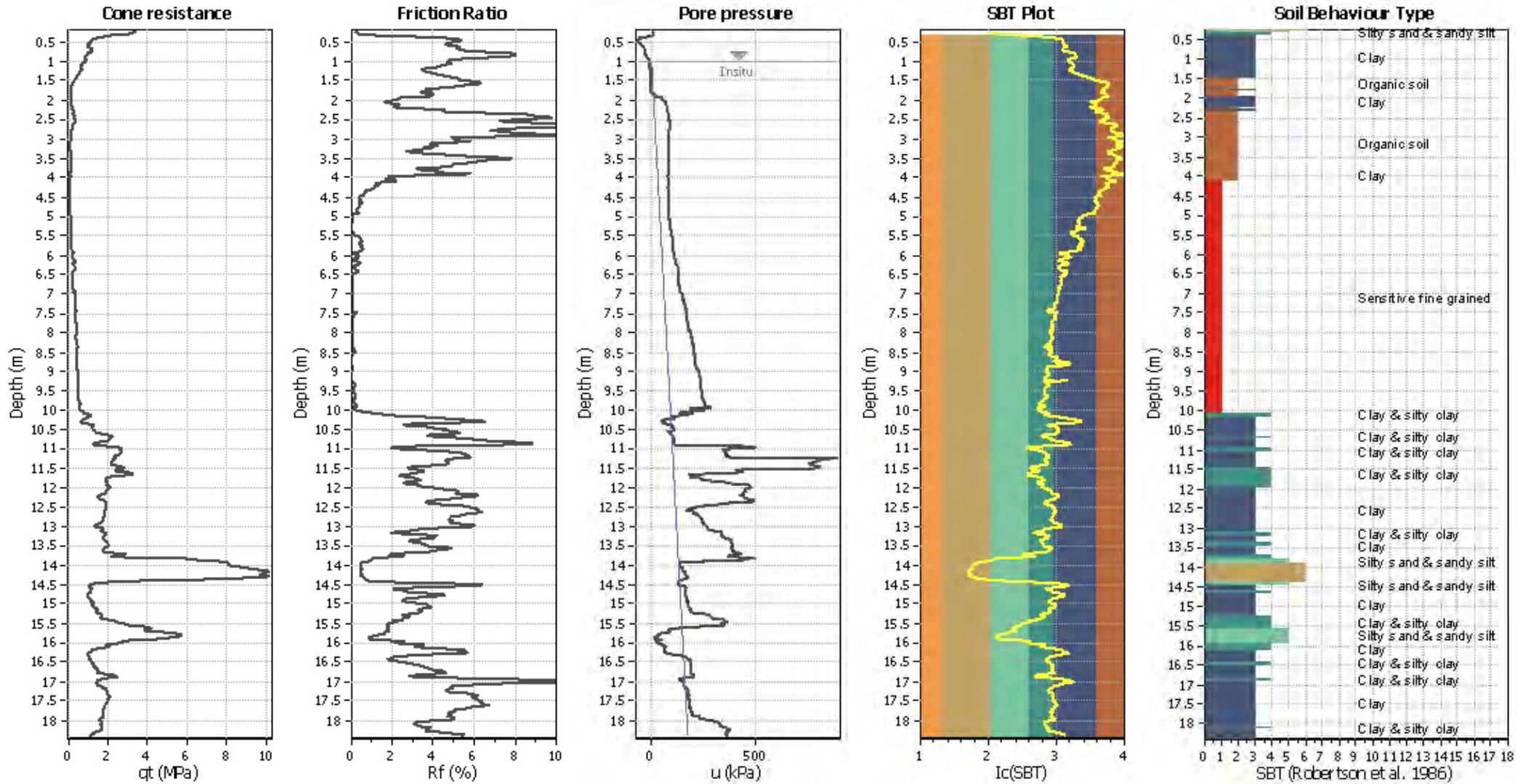
**CPT file : CPTU2 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



#### Input parameters and analysis data

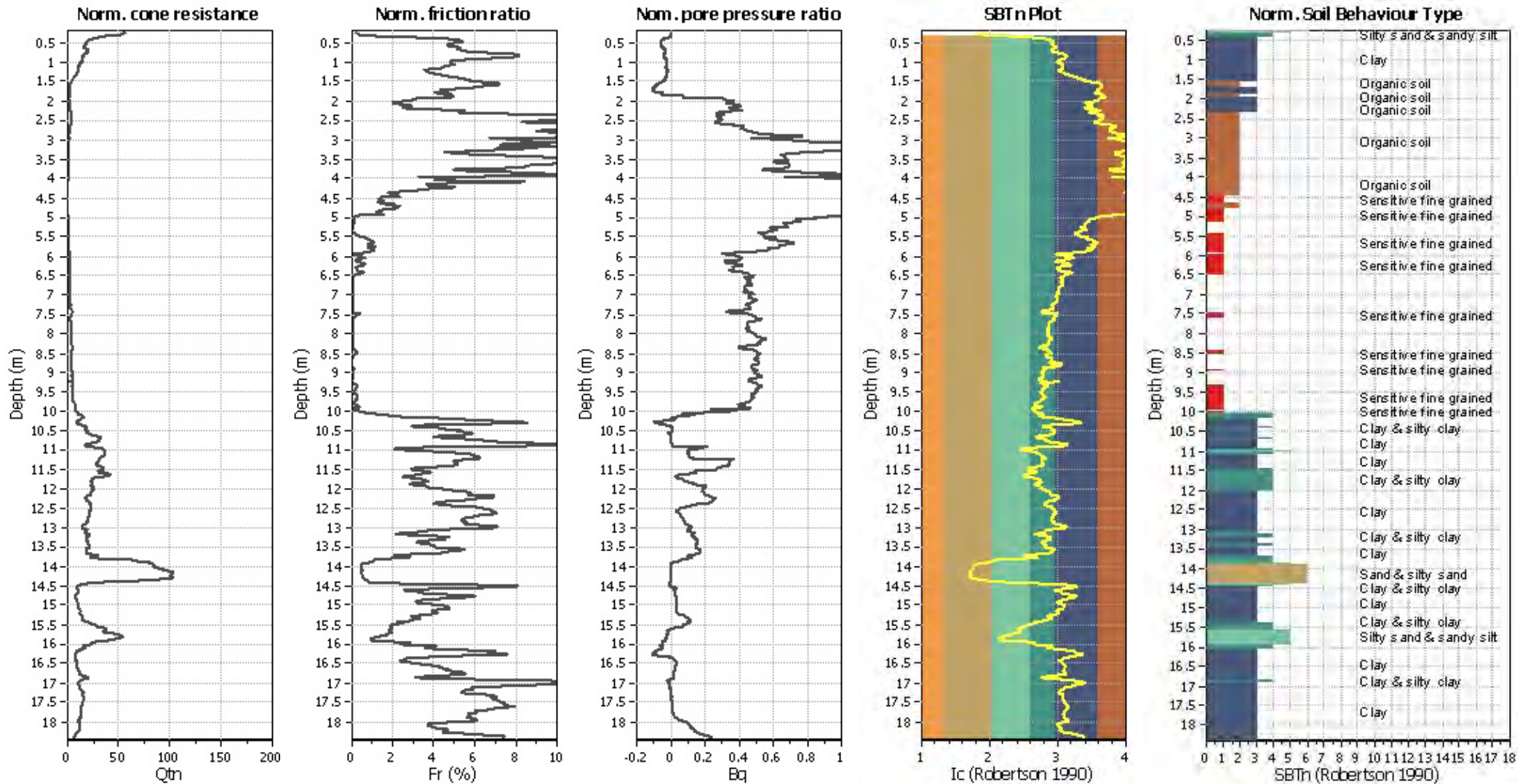
Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



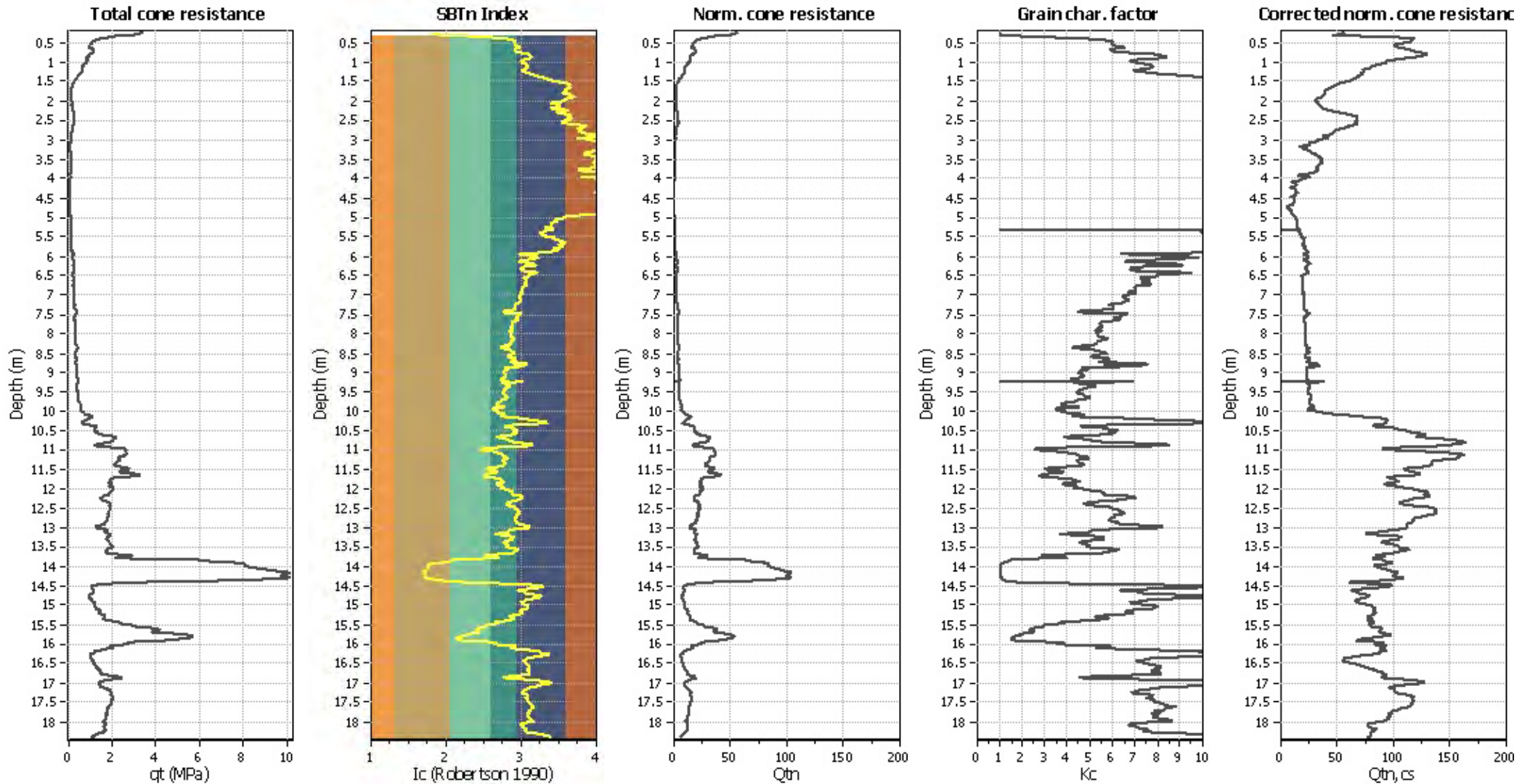
**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

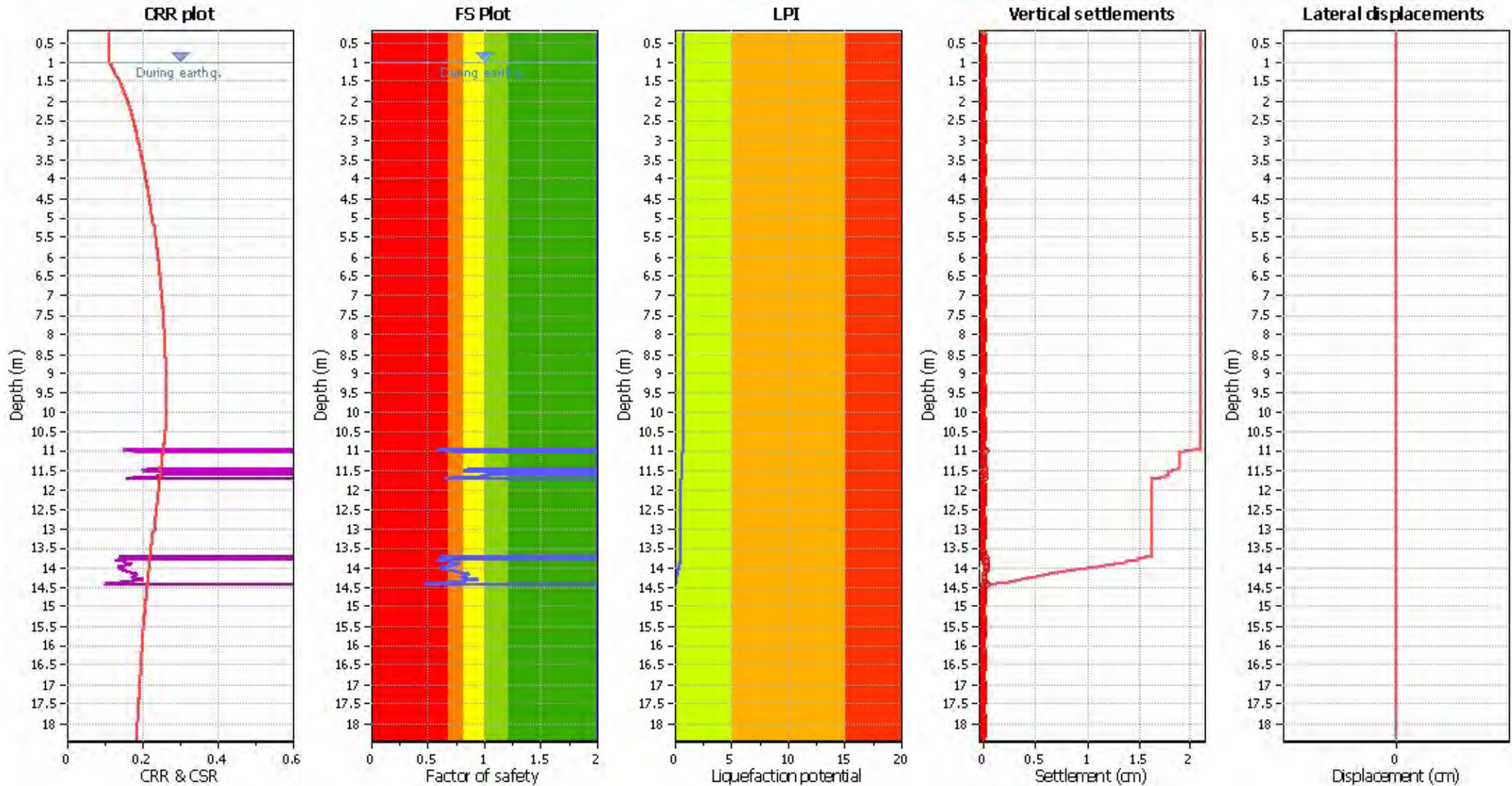
### Liquefaction analysis overall plots (intermediate res)



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_c$ applied:	Yes
Earthquake magnitude $M_w$ :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

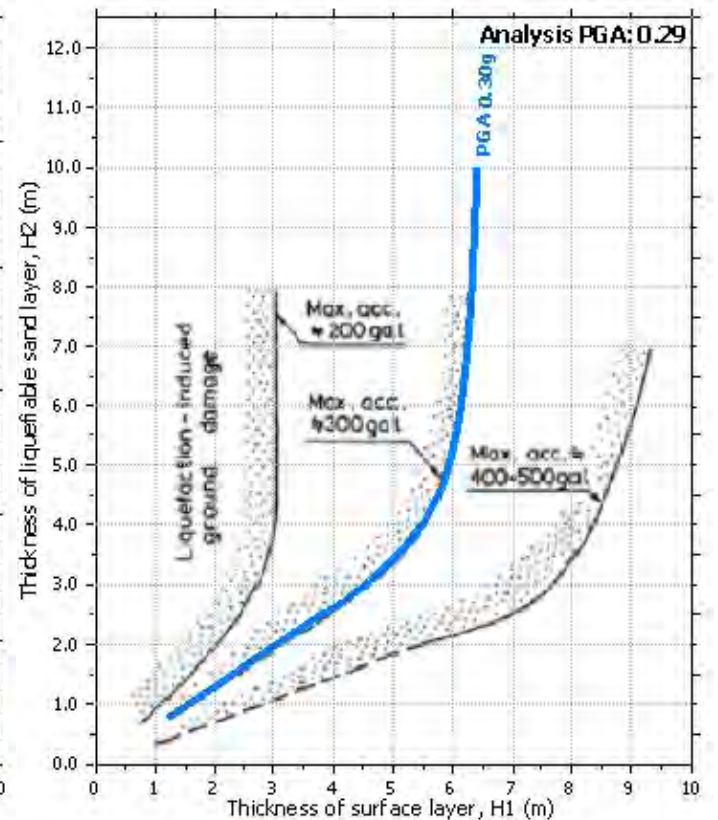
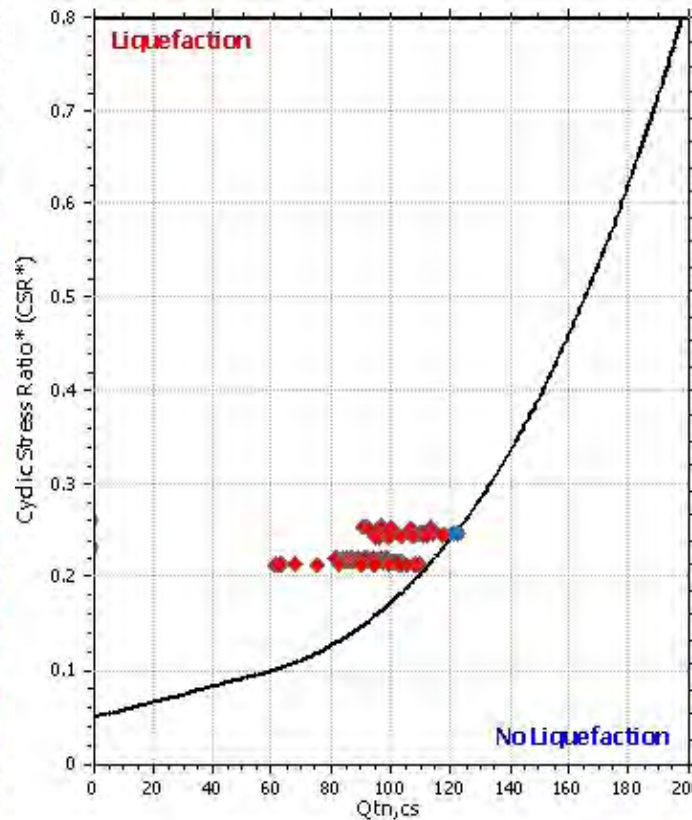
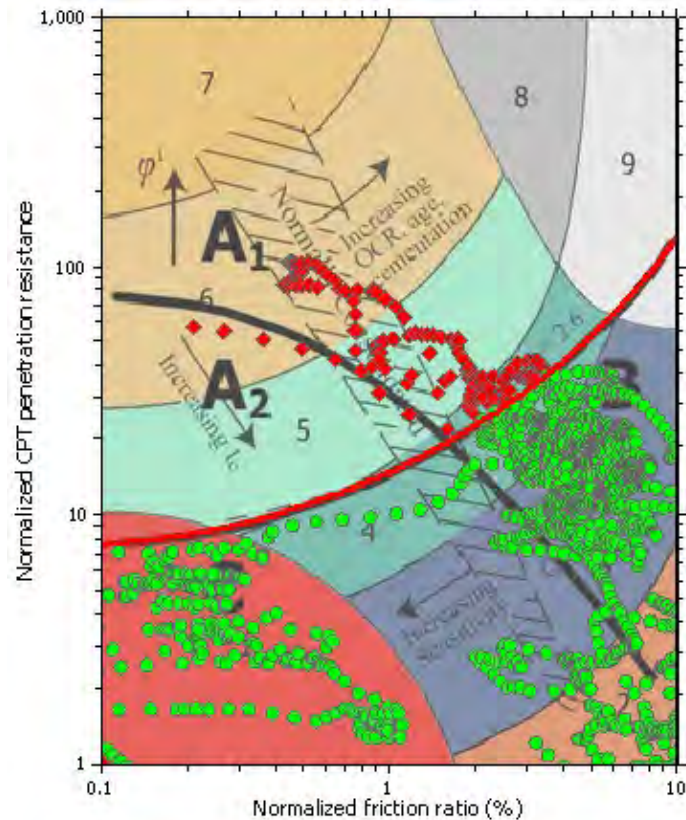
**F.S. color scheme**

- 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

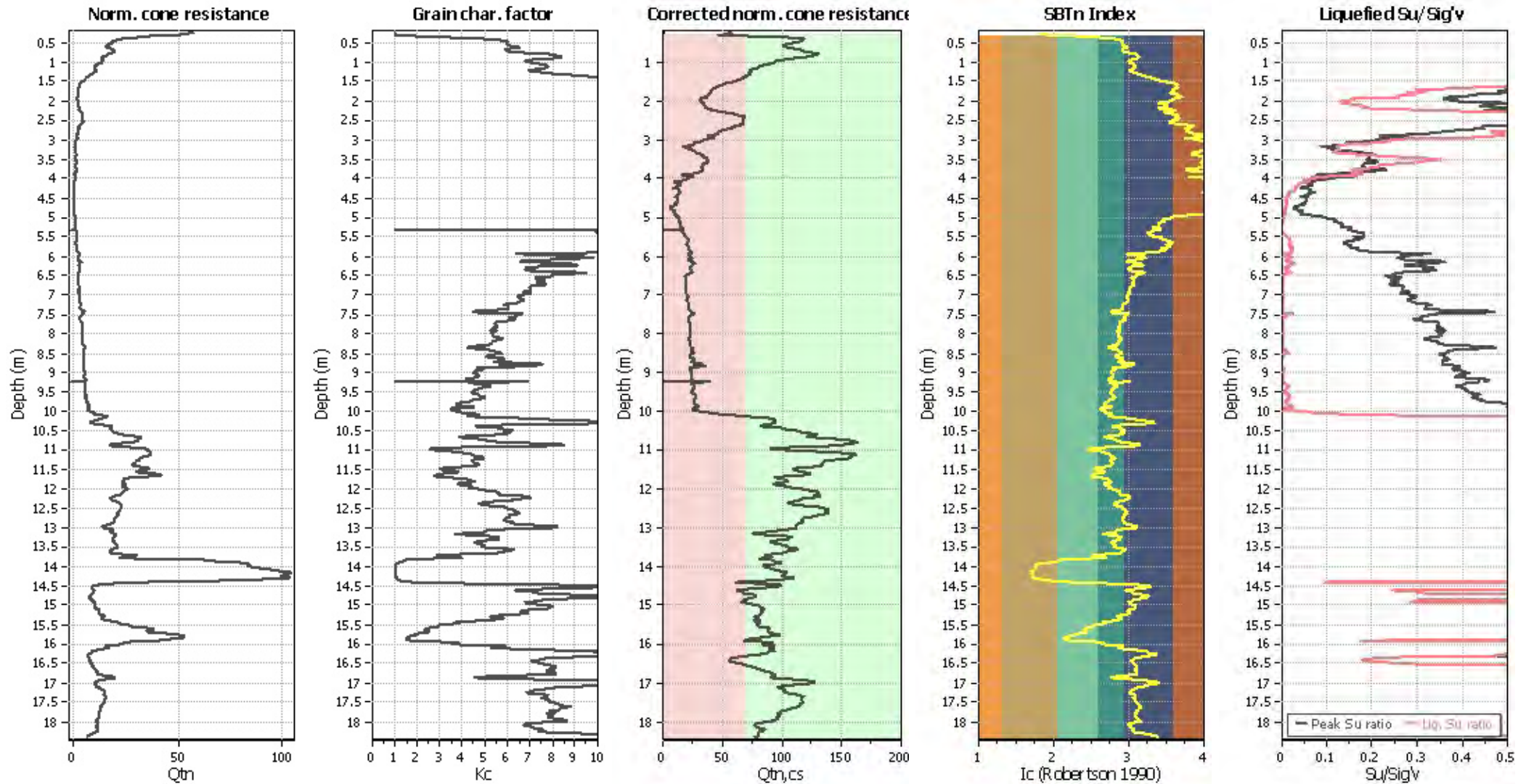
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.25	2.00	0.00	9.88	0.01	0.00	0.26	2.00	0.00	9.87	0.01	0.00
0.27	2.00	0.00	9.87	0.01	0.00	0.28	2.00	0.00	9.86	0.01	0.00
0.29	2.00	0.00	9.86	0.01	0.00	0.30	2.00	0.00	9.85	0.01	0.00
0.31	2.00	0.00	9.85	0.01	0.00	0.32	2.00	0.00	9.84	0.01	0.00
0.33	2.00	0.00	9.84	0.01	0.00	0.34	2.00	0.00	9.83	0.01	0.00
0.35	2.00	0.00	9.82	0.01	0.00	0.36	2.00	0.00	9.82	0.01	0.00
0.37	2.00	0.00	9.81	0.01	0.00	0.38	2.00	0.00	9.81	0.01	0.00
0.39	2.00	0.00	9.80	0.01	0.00	0.40	2.00	0.00	9.80	0.01	0.00
0.41	2.00	0.00	9.79	0.01	0.00	0.42	2.00	0.00	9.79	0.01	0.00
0.43	2.00	0.00	9.79	0.01	0.00	0.44	2.00	0.00	9.78	0.01	0.00
0.45	2.00	0.00	9.78	0.01	0.00	0.46	2.00	0.00	9.77	0.01	0.00
0.47	2.00	0.00	9.77	0.01	0.00	0.48	2.00	0.00	9.76	0.01	0.00
0.49	2.00	0.00	9.76	0.01	0.00	0.50	2.00	0.00	9.75	0.01	0.00
0.51	2.00	0.00	9.74	0.01	0.00	0.52	2.00	0.00	9.74	0.01	0.00
0.53	2.00	0.00	9.73	0.01	0.00	0.54	2.00	0.00	9.73	0.01	0.00
0.55	2.00	0.00	9.72	0.01	0.00	0.56	2.00	0.00	9.72	0.01	0.00
0.57	2.00	0.00	9.71	0.01	0.00	0.58	2.00	0.00	9.71	0.01	0.00
0.59	2.00	0.00	9.71	0.01	0.00	0.60	2.00	0.00	9.70	0.01	0.00
0.61	2.00	0.00	9.70	0.01	0.00	0.62	2.00	0.00	9.69	0.01	0.00
0.63	2.00	0.00	9.69	0.01	0.00	0.64	2.00	0.00	9.68	0.01	0.00
0.65	2.00	0.00	9.68	0.01	0.00	0.66	2.00	0.00	9.67	0.01	0.00
0.67	2.00	0.00	9.66	0.01	0.00	0.68	2.00	0.00	9.66	0.01	0.00
0.69	2.00	0.00	9.65	0.01	0.00	0.70	2.00	0.00	9.65	0.01	0.00
0.71	2.00	0.00	9.64	0.01	0.00	0.72	2.00	0.00	9.64	0.01	0.00
0.73	2.00	0.00	9.63	0.01	0.00	0.74	2.00	0.00	9.63	0.01	0.00
0.75	2.00	0.00	9.63	0.01	0.00	0.76	2.00	0.00	9.62	0.01	0.00
0.77	2.00	0.00	9.62	0.01	0.00	0.78	2.00	0.00	9.61	0.01	0.00
0.79	2.00	0.00	9.61	0.01	0.00	0.80	2.00	0.00	9.60	0.01	0.00
0.81	2.00	0.00	9.60	0.01	0.00	0.82	2.00	0.00	9.59	0.01	0.00
0.83	2.00	0.00	9.59	0.01	0.00	0.84	2.00	0.00	9.58	0.01	0.00
0.85	2.00	0.00	9.57	0.01	0.00	0.86	2.00	0.00	9.57	0.01	0.00
0.87	2.00	0.00	9.56	0.01	0.00	0.88	2.00	0.00	9.56	0.01	0.00
0.89	2.00	0.00	9.55	0.01	0.00	0.90	2.00	0.00	9.55	0.01	0.00
0.91	2.00	0.00	9.54	0.01	0.00	0.92	2.00	0.00	9.54	0.01	0.00
0.93	2.00	0.00	9.54	0.01	0.00	0.94	2.00	0.00	9.53	0.01	0.00
0.95	2.00	0.00	9.53	0.01	0.00	0.96	2.00	0.00	9.52	0.01	0.00
0.97	2.00	0.00	9.52	0.01	0.00	0.98	2.00	0.00	9.51	0.01	0.00
0.99	2.00	0.00	9.51	0.01	0.00	1.00	2.00	0.00	9.50	0.01	0.00
1.01	2.00	0.00	9.49	0.01	0.00	1.02	2.00	0.00	9.49	0.01	0.00
1.03	2.00	0.00	9.48	0.01	0.00	1.04	2.00	0.00	9.48	0.01	0.00
1.05	2.00	0.00	9.47	0.01	0.00	1.06	2.00	0.00	9.47	0.01	0.00
1.07	2.00	0.00	9.46	0.01	0.00	1.08	2.00	0.00	9.46	0.01	0.00
1.09	2.00	0.00	9.46	0.01	0.00	1.10	2.00	0.00	9.45	0.01	0.00
1.11	2.00	0.00	9.45	0.01	0.00	1.12	2.00	0.00	9.44	0.01	0.00
1.13	2.00	0.00	9.44	0.01	0.00	1.14	2.00	0.00	9.43	0.01	0.00
1.15	2.00	0.00	9.43	0.01	0.00	1.16	2.00	0.00	9.42	0.01	0.00
1.17	2.00	0.00	9.41	0.01	0.00	1.18	2.00	0.00	9.41	0.01	0.00
1.19	2.00	0.00	9.40	0.01	0.00	1.20	2.00	0.00	9.40	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.21	2.00	0.00	9.39	0.01	0.00	1.22	2.00	0.00	9.39	0.01	0.00
1.23	2.00	0.00	9.38	0.01	0.00	1.24	2.00	0.00	9.38	0.01	0.00
1.25	2.00	0.00	9.38	0.01	0.00	1.26	2.00	0.00	9.37	0.01	0.00
1.27	2.00	0.00	9.37	0.01	0.00	1.28	2.00	0.00	9.36	0.01	0.00
1.29	2.00	0.00	9.36	0.01	0.00	1.30	2.00	0.00	9.35	0.01	0.00
1.31	2.00	0.00	9.35	0.01	0.00	1.32	2.00	0.00	9.34	0.01	0.00
1.33	2.00	0.00	9.34	0.01	0.00	1.34	2.00	0.00	9.33	0.01	0.00
1.35	2.00	0.00	9.32	0.01	0.00	1.36	2.00	0.00	9.32	0.01	0.00
1.37	2.00	0.00	9.31	0.01	0.00	1.38	2.00	0.00	9.31	0.01	0.00
1.39	2.00	0.00	9.30	0.01	0.00	1.40	2.00	0.00	9.30	0.01	0.00
1.41	2.00	0.00	9.29	0.01	0.00	1.42	2.00	0.00	9.29	0.01	0.00
1.43	2.00	0.00	9.29	0.01	0.00	1.44	2.00	0.00	9.28	0.01	0.00
1.45	2.00	0.00	9.28	0.01	0.00	1.46	2.00	0.00	9.27	0.01	0.00
1.47	2.00	0.00	9.27	0.01	0.00	1.48	2.00	0.00	9.26	0.01	0.00
1.49	2.00	0.00	9.26	0.01	0.00	1.50	2.00	0.00	9.25	0.01	0.00
1.51	2.00	0.00	9.24	0.01	0.00	1.52	2.00	0.00	9.24	0.01	0.00
1.53	2.00	0.00	9.23	0.01	0.00	1.54	2.00	0.00	9.23	0.01	0.00
1.55	2.00	0.00	9.22	0.01	0.00	1.56	2.00	0.00	9.22	0.01	0.00
1.57	2.00	0.00	9.21	0.01	0.00	1.58	2.00	0.00	9.21	0.01	0.00
1.59	2.00	0.00	9.21	0.01	0.00	1.60	2.00	0.00	9.20	0.01	0.00
1.61	2.00	0.00	9.20	0.01	0.00	1.62	2.00	0.00	9.19	0.01	0.00
1.63	2.00	0.00	9.19	0.01	0.00	1.64	2.00	0.00	9.18	0.01	0.00
1.65	2.00	0.00	9.18	0.01	0.00	1.66	2.00	0.00	9.17	0.01	0.00
1.67	2.00	0.00	9.16	0.01	0.00	1.68	2.00	0.00	9.16	0.01	0.00
1.69	2.00	0.00	9.15	0.01	0.00	1.70	2.00	0.00	9.15	0.01	0.00
1.71	2.00	0.00	9.14	0.01	0.00	1.72	2.00	0.00	9.14	0.01	0.00
1.73	2.00	0.00	9.13	0.01	0.00	1.74	2.00	0.00	9.13	0.01	0.00
1.75	2.00	0.00	9.13	0.01	0.00	1.76	2.00	0.00	9.12	0.01	0.00
1.77	2.00	0.00	9.12	0.01	0.00	1.78	2.00	0.00	9.11	0.01	0.00
1.79	2.00	0.00	9.11	0.01	0.00	1.80	2.00	0.00	9.10	0.01	0.00
1.81	2.00	0.00	9.10	0.01	0.00	1.82	2.00	0.00	9.09	0.01	0.00
1.83	2.00	0.00	9.09	0.01	0.00	1.84	2.00	0.00	9.08	0.01	0.00
1.85	2.00	0.00	9.07	0.01	0.00	1.86	2.00	0.00	9.07	0.01	0.00
1.87	2.00	0.00	9.06	0.01	0.00	1.88	2.00	0.00	9.06	0.01	0.00
1.89	2.00	0.00	9.05	0.01	0.00	1.90	2.00	0.00	9.05	0.01	0.00
1.91	2.00	0.00	9.04	0.01	0.00	1.92	2.00	0.00	9.04	0.01	0.00
1.93	2.00	0.00	9.04	0.01	0.00	1.94	2.00	0.00	9.03	0.01	0.00
1.95	2.00	0.00	9.03	0.01	0.00	1.96	2.00	0.00	9.02	0.01	0.00
1.97	2.00	0.00	9.02	0.01	0.00	1.98	2.00	0.00	9.01	0.01	0.00
1.99	2.00	0.00	9.01	0.01	0.00	2.00	2.00	0.00	9.00	0.01	0.00
2.01	2.00	0.00	8.99	0.01	0.00	2.02	2.00	0.00	8.99	0.01	0.00
2.03	2.00	0.00	8.98	0.01	0.00	2.04	2.00	0.00	8.98	0.01	0.00
2.05	2.00	0.00	8.97	0.01	0.00	2.06	2.00	0.00	8.97	0.01	0.00
2.07	2.00	0.00	8.96	0.01	0.00	2.08	2.00	0.00	8.96	0.01	0.00
2.09	2.00	0.00	8.96	0.01	0.00	2.10	2.00	0.00	8.95	0.01	0.00
2.11	2.00	0.00	8.95	0.01	0.00	2.12	2.00	0.00	8.94	0.01	0.00
2.13	2.00	0.00	8.94	0.01	0.00	2.14	2.00	0.00	8.93	0.01	0.00
2.15	2.00	0.00	8.93	0.01	0.00	2.16	2.00	0.00	8.92	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.17	2.00	0.00	8.91	0.01	0.00	2.18	2.00	0.00	8.91	0.01	0.00
2.19	2.00	0.00	8.90	0.01	0.00	2.20	2.00	0.00	8.90	0.01	0.00
2.21	2.00	0.00	8.89	0.01	0.00	2.22	2.00	0.00	8.89	0.01	0.00
2.23	2.00	0.00	8.88	0.01	0.00	2.24	2.00	0.00	8.88	0.01	0.00
2.25	2.00	0.00	8.88	0.01	0.00	2.26	2.00	0.00	8.87	0.01	0.00
2.27	2.00	0.00	8.87	0.01	0.00	2.28	2.00	0.00	8.86	0.01	0.00
2.29	2.00	0.00	8.86	0.01	0.00	2.30	2.00	0.00	8.85	0.01	0.00
2.31	2.00	0.00	8.85	0.01	0.00	2.32	2.00	0.00	8.84	0.01	0.00
2.33	2.00	0.00	8.84	0.01	0.00	2.34	2.00	0.00	8.83	0.01	0.00
2.35	2.00	0.00	8.82	0.01	0.00	2.36	2.00	0.00	8.82	0.01	0.00
2.37	2.00	0.00	8.81	0.01	0.00	2.38	2.00	0.00	8.81	0.01	0.00
2.39	2.00	0.00	8.80	0.01	0.00	2.40	2.00	0.00	8.80	0.01	0.00
2.41	2.00	0.00	8.79	0.01	0.00	2.42	2.00	0.00	8.79	0.01	0.00
2.43	2.00	0.00	8.79	0.01	0.00	2.44	2.00	0.00	8.78	0.01	0.00
2.45	2.00	0.00	8.78	0.01	0.00	2.46	2.00	0.00	8.77	0.01	0.00
2.47	2.00	0.00	8.77	0.01	0.00	2.48	2.00	0.00	8.76	0.01	0.00
2.49	2.00	0.00	8.76	0.01	0.00	2.50	2.00	0.00	8.75	0.01	0.00
2.51	2.00	0.00	8.74	0.01	0.00	2.52	2.00	0.00	8.74	0.01	0.00
2.53	2.00	0.00	8.73	0.01	0.00	2.54	2.00	0.00	8.73	0.01	0.00
2.55	2.00	0.00	8.72	0.01	0.00	2.56	2.00	0.00	8.72	0.01	0.00
2.57	2.00	0.00	8.71	0.01	0.00	2.58	2.00	0.00	8.71	0.01	0.00
2.59	2.00	0.00	8.71	0.01	0.00	2.60	2.00	0.00	8.70	0.01	0.00
2.61	2.00	0.00	8.70	0.01	0.00	2.62	2.00	0.00	8.69	0.01	0.00
2.63	2.00	0.00	8.69	0.01	0.00	2.64	2.00	0.00	8.68	0.01	0.00
2.65	2.00	0.00	8.68	0.01	0.00	2.66	2.00	0.00	8.67	0.01	0.00
2.67	2.00	0.00	8.66	0.01	0.00	2.68	2.00	0.00	8.66	0.01	0.00
2.69	2.00	0.00	8.65	0.01	0.00	2.70	2.00	0.00	8.65	0.01	0.00
2.71	2.00	0.00	8.64	0.01	0.00	2.72	2.00	0.00	8.64	0.01	0.00
2.73	2.00	0.00	8.63	0.01	0.00	2.74	2.00	0.00	8.63	0.01	0.00
2.75	2.00	0.00	8.63	0.01	0.00	2.76	2.00	0.00	8.62	0.01	0.00
2.77	2.00	0.00	8.62	0.01	0.00	2.78	2.00	0.00	8.61	0.01	0.00
2.79	2.00	0.00	8.61	0.01	0.00	2.80	2.00	0.00	8.60	0.01	0.00
2.81	2.00	0.00	8.60	0.01	0.00	2.82	2.00	0.00	8.59	0.01	0.00
2.83	2.00	0.00	8.59	0.01	0.00	2.84	2.00	0.00	8.58	0.01	0.00
2.85	2.00	0.00	8.57	0.01	0.00	2.86	2.00	0.00	8.57	0.01	0.00
2.87	2.00	0.00	8.56	0.01	0.00	2.88	2.00	0.00	8.56	0.01	0.00
2.89	2.00	0.00	8.55	0.01	0.00	2.90	2.00	0.00	8.55	0.01	0.00
2.91	2.00	0.00	8.54	0.01	0.00	2.92	2.00	0.00	8.54	0.01	0.00
2.93	2.00	0.00	8.54	0.01	0.00	2.94	2.00	0.00	8.53	0.01	0.00
2.95	2.00	0.00	8.53	0.01	0.00	2.96	2.00	0.00	8.52	0.01	0.00
2.97	2.00	0.00	8.52	0.01	0.00	2.98	2.00	0.00	8.51	0.01	0.00
2.99	2.00	0.00	8.51	0.01	0.00	3.00	2.00	0.00	8.50	0.01	0.00
3.01	2.00	0.00	8.49	0.01	0.00	3.02	2.00	0.00	8.49	0.01	0.00
3.03	2.00	0.00	8.48	0.01	0.00	3.04	2.00	0.00	8.48	0.01	0.00
3.05	2.00	0.00	8.47	0.01	0.00	3.06	2.00	0.00	8.47	0.01	0.00
3.07	2.00	0.00	8.46	0.01	0.00	3.08	2.00	0.00	8.46	0.01	0.00
3.09	2.00	0.00	8.46	0.01	0.00	3.10	2.00	0.00	8.45	0.01	0.00
3.11	2.00	0.00	8.45	0.01	0.00	3.12	2.00	0.00	8.44	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.13	2.00	0.00	8.44	0.01	0.00	3.14	2.00	0.00	8.43	0.01	0.00
3.15	2.00	0.00	8.43	0.01	0.00	3.16	2.00	0.00	8.42	0.01	0.00
3.17	2.00	0.00	8.41	0.01	0.00	3.18	2.00	0.00	8.41	0.01	0.00
3.19	2.00	0.00	8.40	0.01	0.00	3.20	2.00	0.00	8.40	0.01	0.00
3.21	2.00	0.00	8.39	0.01	0.00	3.22	2.00	0.00	8.39	0.01	0.00
3.23	2.00	0.00	8.38	0.01	0.00	3.24	2.00	0.00	8.38	0.01	0.00
3.25	2.00	0.00	8.38	0.01	0.00	3.26	2.00	0.00	8.37	0.01	0.00
3.27	2.00	0.00	8.37	0.01	0.00	3.28	2.00	0.00	8.36	0.01	0.00
3.29	2.00	0.00	8.36	0.01	0.00	3.30	2.00	0.00	8.35	0.01	0.00
3.31	2.00	0.00	8.35	0.01	0.00	3.32	2.00	0.00	8.34	0.01	0.00
3.33	2.00	0.00	8.34	0.01	0.00	3.34	2.00	0.00	8.33	0.01	0.00
3.35	2.00	0.00	8.32	0.01	0.00	3.36	2.00	0.00	8.32	0.01	0.00
3.37	2.00	0.00	8.31	0.01	0.00	3.38	2.00	0.00	8.31	0.01	0.00
3.39	2.00	0.00	8.30	0.01	0.00	3.40	2.00	0.00	8.30	0.01	0.00
3.41	2.00	0.00	8.29	0.01	0.00	3.42	2.00	0.00	8.29	0.01	0.00
3.43	2.00	0.00	8.29	0.01	0.00	3.44	2.00	0.00	8.28	0.01	0.00
3.45	2.00	0.00	8.28	0.01	0.00	3.46	2.00	0.00	8.27	0.01	0.00
3.47	2.00	0.00	8.27	0.01	0.00	3.48	2.00	0.00	8.26	0.01	0.00
3.49	2.00	0.00	8.26	0.01	0.00	3.50	2.00	0.00	8.25	0.01	0.00
3.51	2.00	0.00	8.24	0.01	0.00	3.52	2.00	0.00	8.24	0.01	0.00
3.53	2.00	0.00	8.23	0.01	0.00	3.54	2.00	0.00	8.23	0.01	0.00
3.55	2.00	0.00	8.22	0.01	0.00	3.56	2.00	0.00	8.22	0.01	0.00
3.57	2.00	0.00	8.21	0.01	0.00	3.58	2.00	0.00	8.21	0.01	0.00
3.59	2.00	0.00	8.21	0.01	0.00	3.60	2.00	0.00	8.20	0.01	0.00
3.61	2.00	0.00	8.20	0.01	0.00	3.62	2.00	0.00	8.19	0.01	0.00
3.63	2.00	0.00	8.19	0.01	0.00	3.64	2.00	0.00	8.18	0.01	0.00
3.65	2.00	0.00	8.18	0.01	0.00	3.66	2.00	0.00	8.17	0.01	0.00
3.67	2.00	0.00	8.16	0.01	0.00	3.68	2.00	0.00	8.16	0.01	0.00
3.69	2.00	0.00	8.15	0.01	0.00	3.70	2.00	0.00	8.15	0.01	0.00
3.71	2.00	0.00	8.14	0.01	0.00	3.72	2.00	0.00	8.14	0.01	0.00
3.73	2.00	0.00	8.13	0.01	0.00	3.74	2.00	0.00	8.13	0.01	0.00
3.75	2.00	0.00	8.13	0.01	0.00	3.76	2.00	0.00	8.12	0.01	0.00
3.77	2.00	0.00	8.12	0.01	0.00	3.78	2.00	0.00	8.11	0.01	0.00
3.79	2.00	0.00	8.11	0.01	0.00	3.80	2.00	0.00	8.10	0.01	0.00
3.81	2.00	0.00	8.10	0.01	0.00	3.82	2.00	0.00	8.09	0.01	0.00
3.83	2.00	0.00	8.09	0.01	0.00	3.84	2.00	0.00	8.08	0.01	0.00
3.85	2.00	0.00	8.07	0.01	0.00	3.86	2.00	0.00	8.07	0.01	0.00
3.87	2.00	0.00	8.06	0.01	0.00	3.88	2.00	0.00	8.06	0.01	0.00
3.89	2.00	0.00	8.05	0.01	0.00	3.90	2.00	0.00	8.05	0.01	0.00
3.91	2.00	0.00	8.04	0.01	0.00	3.92	2.00	0.00	8.04	0.01	0.00
3.93	2.00	0.00	8.04	0.01	0.00	3.94	2.00	0.00	8.03	0.01	0.00
3.95	2.00	0.00	8.03	0.01	0.00	3.96	2.00	0.00	8.02	0.01	0.00
3.97	2.00	0.00	8.02	0.01	0.00	3.98	2.00	0.00	8.01	0.01	0.00
3.99	2.00	0.00	8.01	0.01	0.00	4.00	2.00	0.00	8.00	0.01	0.00
4.01	2.00	0.00	8.00	0.01	0.00	4.02	2.00	0.00	7.99	0.01	0.00
4.03	2.00	0.00	7.99	0.01	0.00	4.04	2.00	0.00	7.98	0.01	0.00
4.05	2.00	0.00	7.97	0.01	0.00	4.06	2.00	0.00	7.97	0.01	0.00
4.07	2.00	0.00	7.96	0.01	0.00	4.08	2.00	0.00	7.96	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.09	2.00	0.00	7.96	0.01	0.00	4.10	2.00	0.00	7.95	0.01	0.00
4.11	2.00	0.00	7.95	0.01	0.00	4.12	2.00	0.00	7.94	0.01	0.00
4.13	2.00	0.00	7.93	0.01	0.00	4.14	2.00	0.00	7.93	0.01	0.00
4.15	2.00	0.00	7.92	0.01	0.00	4.16	2.00	0.00	7.92	0.01	0.00
4.17	2.00	0.00	7.92	0.01	0.00	4.18	2.00	0.00	7.91	0.01	0.00
4.19	2.00	0.00	7.91	0.01	0.00	4.20	2.00	0.00	7.90	0.01	0.00
4.21	2.00	0.00	7.89	0.01	0.00	4.22	2.00	0.00	7.89	0.01	0.00
4.23	2.00	0.00	7.88	0.01	0.00	4.24	2.00	0.00	7.88	0.01	0.00
4.25	2.00	0.00	7.88	0.01	0.00	4.26	2.00	0.00	7.87	0.01	0.00
4.27	2.00	0.00	7.87	0.01	0.00	4.28	2.00	0.00	7.86	0.01	0.00
4.29	2.00	0.00	7.86	0.01	0.00	4.30	2.00	0.00	7.85	0.01	0.00
4.31	2.00	0.00	7.84	0.01	0.00	4.32	2.00	0.00	7.84	0.01	0.00
4.33	2.00	0.00	7.83	0.01	0.00	4.34	2.00	0.00	7.83	0.01	0.00
4.35	2.00	0.00	7.83	0.01	0.00	4.36	2.00	0.00	7.82	0.01	0.00
4.37	2.00	0.00	7.82	0.01	0.00	4.38	2.00	0.00	7.81	0.01	0.00
4.39	2.00	0.00	7.80	0.01	0.00	4.40	2.00	0.00	7.80	0.01	0.00
4.41	2.00	0.00	7.79	0.01	0.00	4.42	2.00	0.00	7.79	0.01	0.00
4.43	2.00	0.00	7.79	0.01	0.00	4.44	2.00	0.00	7.78	0.01	0.00
4.45	2.00	0.00	7.78	0.01	0.00	4.46	2.00	0.00	7.77	0.01	0.00
4.47	2.00	0.00	7.76	0.01	0.00	4.48	2.00	0.00	7.76	0.01	0.00
4.49	2.00	0.00	7.75	0.01	0.00	4.50	2.00	0.00	7.75	0.01	0.00
4.51	2.00	0.00	7.75	0.01	0.00	4.52	2.00	0.00	7.74	0.01	0.00
4.53	2.00	0.00	7.74	0.01	0.00	4.54	2.00	0.00	7.73	0.01	0.00
4.55	2.00	0.00	7.72	0.01	0.00	4.56	2.00	0.00	7.72	0.01	0.00
4.57	2.00	0.00	7.71	0.01	0.00	4.58	2.00	0.00	7.71	0.01	0.00
4.59	2.00	0.00	7.71	0.01	0.00	4.60	2.00	0.00	7.70	0.01	0.00
4.61	2.00	0.00	7.70	0.01	0.00	4.62	2.00	0.00	7.69	0.01	0.00
4.63	2.00	0.00	7.68	0.01	0.00	4.64	2.00	0.00	7.68	0.01	0.00
4.65	2.00	0.00	7.67	0.01	0.00	4.66	2.00	0.00	7.67	0.01	0.00
4.67	2.00	0.00	7.67	0.01	0.00	4.68	2.00	0.00	7.66	0.01	0.00
4.69	2.00	0.00	7.66	0.01	0.00	4.70	2.00	0.00	7.65	0.01	0.00
4.71	2.00	0.00	7.64	0.01	0.00	4.72	2.00	0.00	7.64	0.01	0.00
4.73	2.00	0.00	7.63	0.01	0.00	4.74	2.00	0.00	7.63	0.01	0.00
4.75	2.00	0.00	7.63	0.01	0.00	4.76	2.00	0.00	7.62	0.01	0.00
4.77	2.00	0.00	7.62	0.01	0.00	4.78	2.00	0.00	7.61	0.01	0.00
4.79	2.00	0.00	7.61	0.01	0.00	4.80	2.00	0.00	7.60	0.01	0.00
4.81	2.00	0.00	7.59	0.01	0.00	4.82	2.00	0.00	7.59	0.01	0.00
4.83	2.00	0.00	7.58	0.01	0.00	4.84	2.00	0.00	7.58	0.01	0.00
4.85	2.00	0.00	7.58	0.01	0.00	4.86	2.00	0.00	7.57	0.01	0.00
4.87	2.00	0.00	7.57	0.01	0.00	4.88	2.00	0.00	7.56	0.01	0.00
4.89	2.00	0.00	7.55	0.01	0.00	4.90	2.00	0.00	7.55	0.01	0.00
4.91	2.00	0.00	7.54	0.01	0.00	4.92	2.00	0.00	7.54	0.01	0.00
4.93	2.00	0.00	7.54	0.01	0.00	4.94	2.00	0.00	7.53	0.01	0.00
4.95	2.00	0.00	7.53	0.01	0.00	4.96	2.00	0.00	7.52	0.01	0.00
4.97	2.00	0.00	7.51	0.01	0.00	4.98	2.00	0.00	7.51	0.01	0.00
4.99	2.00	0.00	7.50	0.01	0.00	5.00	2.00	0.00	7.50	0.01	0.00
5.01	2.00	0.00	7.50	0.01	0.00	5.02	2.00	0.00	7.49	0.01	0.00
5.03	2.00	0.00	7.49	0.01	0.00	5.04	2.00	0.00	7.48	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.05	2.00	0.00	7.47	0.01	0.00	5.06	2.00	0.00	7.47	0.01	0.00
5.07	2.00	0.00	7.46	0.01	0.00	5.08	2.00	0.00	7.46	0.01	0.00
5.09	2.00	0.00	7.46	0.01	0.00	5.10	2.00	0.00	7.45	0.01	0.00
5.11	2.00	0.00	7.45	0.01	0.00	5.12	2.00	0.00	7.44	0.01	0.00
5.13	2.00	0.00	7.43	0.01	0.00	5.14	2.00	0.00	7.43	0.01	0.00
5.15	2.00	0.00	7.42	0.01	0.00	5.16	2.00	0.00	7.42	0.01	0.00
5.17	2.00	0.00	7.42	0.01	0.00	5.18	2.00	0.00	7.41	0.01	0.00
5.19	2.00	0.00	7.41	0.01	0.00	5.20	2.00	0.00	7.40	0.01	0.00
5.21	2.00	0.00	7.39	0.01	0.00	5.22	2.00	0.00	7.39	0.01	0.00
5.23	2.00	0.00	7.38	0.01	0.00	5.24	2.00	0.00	7.38	0.01	0.00
5.25	2.00	0.00	7.38	0.01	0.00	5.26	2.00	0.00	7.37	0.01	0.00
5.27	2.00	0.00	7.37	0.01	0.00	5.28	2.00	0.00	7.36	0.01	0.00
5.29	2.00	0.00	7.36	0.01	0.00	5.30	2.00	0.00	7.35	0.01	0.00
5.31	2.00	0.00	7.34	0.01	0.00	5.32	2.00	0.00	7.34	0.01	0.00
5.33	2.00	0.00	7.33	0.01	0.00	5.34	2.00	0.00	7.33	0.01	0.00
5.35	2.00	0.00	7.33	0.01	0.00	5.36	2.00	0.00	7.32	0.01	0.00
5.37	2.00	0.00	7.32	0.01	0.00	5.38	2.00	0.00	7.31	0.01	0.00
5.39	2.00	0.00	7.30	0.01	0.00	5.40	2.00	0.00	7.30	0.01	0.00
5.41	2.00	0.00	7.29	0.01	0.00	5.42	2.00	0.00	7.29	0.01	0.00
5.43	2.00	0.00	7.29	0.01	0.00	5.44	2.00	0.00	7.28	0.01	0.00
5.45	2.00	0.00	7.28	0.01	0.00	5.46	2.00	0.00	7.27	0.01	0.00
5.47	2.00	0.00	7.26	0.01	0.00	5.48	2.00	0.00	7.26	0.01	0.00
5.49	2.00	0.00	7.25	0.01	0.00	5.50	2.00	0.00	7.25	0.01	0.00
5.51	2.00	0.00	7.25	0.01	0.00	5.52	2.00	0.00	7.24	0.01	0.00
5.53	2.00	0.00	7.24	0.01	0.00	5.54	2.00	0.00	7.23	0.01	0.00
5.55	2.00	0.00	7.22	0.01	0.00	5.56	2.00	0.00	7.22	0.01	0.00
5.57	2.00	0.00	7.21	0.01	0.00	5.58	2.00	0.00	7.21	0.01	0.00
5.59	2.00	0.00	7.21	0.01	0.00	5.60	2.00	0.00	7.20	0.01	0.00
5.61	2.00	0.00	7.20	0.01	0.00	5.62	2.00	0.00	7.19	0.01	0.00
5.63	2.00	0.00	7.18	0.01	0.00	5.64	2.00	0.00	7.18	0.01	0.00
5.65	2.00	0.00	7.17	0.01	0.00	5.66	2.00	0.00	7.17	0.01	0.00
5.67	2.00	0.00	7.17	0.01	0.00	5.68	2.00	0.00	7.16	0.01	0.00
5.69	2.00	0.00	7.16	0.01	0.00	5.70	2.00	0.00	7.15	0.01	0.00
5.71	2.00	0.00	7.14	0.01	0.00	5.72	2.00	0.00	7.14	0.01	0.00
5.73	2.00	0.00	7.13	0.01	0.00	5.74	2.00	0.00	7.13	0.01	0.00
5.75	2.00	0.00	7.13	0.01	0.00	5.76	2.00	0.00	7.12	0.01	0.00
5.77	2.00	0.00	7.12	0.01	0.00	5.78	2.00	0.00	7.11	0.01	0.00
5.79	2.00	0.00	7.11	0.01	0.00	5.80	2.00	0.00	7.10	0.01	0.00
5.81	2.00	0.00	7.09	0.01	0.00	5.82	2.00	0.00	7.09	0.01	0.00
5.83	2.00	0.00	7.08	0.01	0.00	5.84	2.00	0.00	7.08	0.01	0.00
5.85	2.00	0.00	7.08	0.01	0.00	5.86	2.00	0.00	7.07	0.01	0.00
5.87	2.00	0.00	7.07	0.01	0.00	5.88	2.00	0.00	7.06	0.01	0.00
5.89	2.00	0.00	7.05	0.01	0.00	5.90	2.00	0.00	7.05	0.01	0.00
5.91	2.00	0.00	7.04	0.01	0.00	5.92	2.00	0.00	7.04	0.01	0.00
5.93	2.00	0.00	7.04	0.01	0.00	5.94	2.00	0.00	7.03	0.01	0.00
5.95	2.00	0.00	7.03	0.01	0.00	5.96	2.00	0.00	7.02	0.01	0.00
5.97	2.00	0.00	7.01	0.01	0.00	5.98	2.00	0.00	7.01	0.01	0.00
5.99	2.00	0.00	7.00	0.01	0.00	6.00	2.00	0.00	7.00	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.01	2.00	0.00	7.00	0.01	0.00	6.02	2.00	0.00	6.99	0.01	0.00
6.03	2.00	0.00	6.99	0.01	0.00	6.04	2.00	0.00	6.98	0.01	0.00
6.05	2.00	0.00	6.97	0.01	0.00	6.06	2.00	0.00	6.97	0.01	0.00
6.07	2.00	0.00	6.96	0.01	0.00	6.08	2.00	0.00	6.96	0.01	0.00
6.09	2.00	0.00	6.96	0.01	0.00	6.10	2.00	0.00	6.95	0.01	0.00
6.11	2.00	0.00	6.95	0.01	0.00	6.12	2.00	0.00	6.94	0.01	0.00
6.13	2.00	0.00	6.93	0.01	0.00	6.14	2.00	0.00	6.93	0.01	0.00
6.15	2.00	0.00	6.92	0.01	0.00	6.16	2.00	0.00	6.92	0.01	0.00
6.17	2.00	0.00	6.92	0.01	0.00	6.18	2.00	0.00	6.91	0.01	0.00
6.19	2.00	0.00	6.91	0.01	0.00	6.20	2.00	0.00	6.90	0.01	0.00
6.21	2.00	0.00	6.89	0.01	0.00	6.22	2.00	0.00	6.89	0.01	0.00
6.23	2.00	0.00	6.88	0.01	0.00	6.24	2.00	0.00	6.88	0.01	0.00
6.25	2.00	0.00	6.88	0.01	0.00	6.26	2.00	0.00	6.87	0.01	0.00
6.27	2.00	0.00	6.87	0.01	0.00	6.28	2.00	0.00	6.86	0.01	0.00
6.29	2.00	0.00	6.86	0.01	0.00	6.30	2.00	0.00	6.85	0.01	0.00
6.31	2.00	0.00	6.84	0.01	0.00	6.32	2.00	0.00	6.84	0.01	0.00
6.33	2.00	0.00	6.83	0.01	0.00	6.34	2.00	0.00	6.83	0.01	0.00
6.35	2.00	0.00	6.83	0.01	0.00	6.36	2.00	0.00	6.82	0.01	0.00
6.37	2.00	0.00	6.82	0.01	0.00	6.38	2.00	0.00	6.81	0.01	0.00
6.39	2.00	0.00	6.80	0.01	0.00	6.40	2.00	0.00	6.80	0.01	0.00
6.41	2.00	0.00	6.79	0.01	0.00	6.42	2.00	0.00	6.79	0.01	0.00
6.43	2.00	0.00	6.79	0.01	0.00	6.44	2.00	0.00	6.78	0.01	0.00
6.45	2.00	0.00	6.78	0.01	0.00	6.46	2.00	0.00	6.77	0.01	0.00
6.47	2.00	0.00	6.76	0.01	0.00	6.48	2.00	0.00	6.76	0.01	0.00
6.49	2.00	0.00	6.75	0.01	0.00	6.50	2.00	0.00	6.75	0.01	0.00
6.51	2.00	0.00	6.75	0.01	0.00	6.52	2.00	0.00	6.74	0.01	0.00
6.53	2.00	0.00	6.74	0.01	0.00	6.54	2.00	0.00	6.73	0.01	0.00
6.55	2.00	0.00	6.72	0.01	0.00	6.56	2.00	0.00	6.72	0.01	0.00
6.57	2.00	0.00	6.71	0.01	0.00	6.58	2.00	0.00	6.71	0.01	0.00
6.59	2.00	0.00	6.71	0.01	0.00	6.60	2.00	0.00	6.70	0.01	0.00
6.61	2.00	0.00	6.70	0.01	0.00	6.62	2.00	0.00	6.69	0.01	0.00
6.63	2.00	0.00	6.68	0.01	0.00	6.64	2.00	0.00	6.68	0.01	0.00
6.65	2.00	0.00	6.67	0.01	0.00	6.66	2.00	0.00	6.67	0.01	0.00
6.67	2.00	0.00	6.67	0.01	0.00	6.68	2.00	0.00	6.66	0.01	0.00
6.69	2.00	0.00	6.66	0.01	0.00	6.70	2.00	0.00	6.65	0.01	0.00
6.71	2.00	0.00	6.64	0.01	0.00	6.72	2.00	0.00	6.64	0.01	0.00
6.73	2.00	0.00	6.63	0.01	0.00	6.74	2.00	0.00	6.63	0.01	0.00
6.75	2.00	0.00	6.63	0.01	0.00	6.76	2.00	0.00	6.62	0.01	0.00
6.77	2.00	0.00	6.62	0.01	0.00	6.78	2.00	0.00	6.61	0.01	0.00
6.79	2.00	0.00	6.61	0.01	0.00	6.80	2.00	0.00	6.60	0.01	0.00
6.81	2.00	0.00	6.59	0.01	0.00	6.82	2.00	0.00	6.59	0.01	0.00
6.83	2.00	0.00	6.58	0.01	0.00	6.84	2.00	0.00	6.58	0.01	0.00
6.85	2.00	0.00	6.58	0.01	0.00	6.86	2.00	0.00	6.57	0.01	0.00
6.87	2.00	0.00	6.57	0.01	0.00	6.88	2.00	0.00	6.56	0.01	0.00
6.89	2.00	0.00	6.55	0.01	0.00	6.90	2.00	0.00	6.55	0.01	0.00
6.91	2.00	0.00	6.54	0.01	0.00	6.92	2.00	0.00	6.54	0.01	0.00
6.93	2.00	0.00	6.54	0.01	0.00	6.94	2.00	0.00	6.53	0.01	0.00
6.95	2.00	0.00	6.53	0.01	0.00	6.96	2.00	0.00	6.52	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.97	2.00	0.00	6.51	0.01	0.00	6.98	2.00	0.00	6.51	0.01	0.00
6.99	2.00	0.00	6.50	0.01	0.00	7.00	2.00	0.00	6.50	0.01	0.00
7.01	2.00	0.00	6.50	0.01	0.00	7.02	2.00	0.00	6.49	0.01	0.00
7.03	2.00	0.00	6.49	0.01	0.00	7.04	2.00	0.00	6.48	0.01	0.00
7.05	2.00	0.00	6.47	0.01	0.00	7.06	2.00	0.00	6.47	0.01	0.00
7.07	2.00	0.00	6.46	0.01	0.00	7.08	2.00	0.00	6.46	0.01	0.00
7.09	2.00	0.00	6.46	0.01	0.00	7.10	2.00	0.00	6.45	0.01	0.00
7.11	2.00	0.00	6.45	0.01	0.00	7.12	2.00	0.00	6.44	0.01	0.00
7.13	2.00	0.00	6.43	0.01	0.00	7.14	2.00	0.00	6.43	0.01	0.00
7.15	2.00	0.00	6.42	0.01	0.00	7.16	2.00	0.00	6.42	0.01	0.00
7.17	2.00	0.00	6.42	0.01	0.00	7.18	2.00	0.00	6.41	0.01	0.00
7.19	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.01	0.00
7.21	2.00	0.00	6.39	0.01	0.00	7.22	2.00	0.00	6.39	0.01	0.00
7.23	2.00	0.00	6.38	0.01	0.00	7.24	2.00	0.00	6.38	0.01	0.00
7.25	2.00	0.00	6.38	0.01	0.00	7.26	2.00	0.00	6.37	0.01	0.00
7.27	2.00	0.00	6.37	0.01	0.00	7.28	2.00	0.00	6.36	0.01	0.00
7.29	2.00	0.00	6.36	0.01	0.00	7.30	2.00	0.00	6.35	0.01	0.00
7.31	2.00	0.00	6.34	0.01	0.00	7.32	2.00	0.00	6.34	0.01	0.00
7.33	2.00	0.00	6.33	0.01	0.00	7.34	2.00	0.00	6.33	0.01	0.00
7.35	2.00	0.00	6.33	0.01	0.00	7.36	2.00	0.00	6.32	0.01	0.00
7.37	2.00	0.00	6.32	0.01	0.00	7.38	2.00	0.00	6.31	0.01	0.00
7.39	2.00	0.00	6.30	0.01	0.00	7.40	2.00	0.00	6.30	0.01	0.00
7.41	2.00	0.00	6.29	0.01	0.00	7.42	2.00	0.00	6.29	0.01	0.00
7.43	2.00	0.00	6.29	0.01	0.00	7.44	2.00	0.00	6.28	0.01	0.00
7.45	2.00	0.00	6.28	0.01	0.00	7.46	2.00	0.00	6.27	0.01	0.00
7.47	2.00	0.00	6.26	0.01	0.00	7.48	2.00	0.00	6.26	0.01	0.00
7.49	2.00	0.00	6.25	0.01	0.00	7.50	2.00	0.00	6.25	0.01	0.00
7.51	2.00	0.00	6.25	0.01	0.00	7.52	2.00	0.00	6.24	0.01	0.00
7.53	2.00	0.00	6.24	0.01	0.00	7.54	2.00	0.00	6.23	0.01	0.00
7.55	2.00	0.00	6.22	0.01	0.00	7.56	2.00	0.00	6.22	0.01	0.00
7.57	2.00	0.00	6.21	0.01	0.00	7.58	2.00	0.00	6.21	0.01	0.00
7.59	2.00	0.00	6.21	0.01	0.00	7.60	2.00	0.00	6.20	0.01	0.00
7.61	2.00	0.00	6.20	0.01	0.00	7.62	2.00	0.00	6.19	0.01	0.00
7.63	2.00	0.00	6.18	0.01	0.00	7.64	2.00	0.00	6.18	0.01	0.00
7.65	2.00	0.00	6.17	0.01	0.00	7.66	2.00	0.00	6.17	0.01	0.00
7.67	2.00	0.00	6.17	0.01	0.00	7.68	2.00	0.00	6.16	0.01	0.00
7.69	2.00	0.00	6.16	0.01	0.00	7.70	2.00	0.00	6.15	0.01	0.00
7.71	2.00	0.00	6.14	0.01	0.00	7.72	2.00	0.00	6.14	0.01	0.00
7.73	2.00	0.00	6.13	0.01	0.00	7.74	2.00	0.00	6.13	0.01	0.00
7.75	2.00	0.00	6.13	0.01	0.00	7.76	2.00	0.00	6.12	0.01	0.00
7.77	2.00	0.00	6.12	0.01	0.00	7.78	2.00	0.00	6.11	0.01	0.00
7.79	2.00	0.00	6.11	0.01	0.00	7.80	2.00	0.00	6.10	0.01	0.00
7.81	2.00	0.00	6.09	0.01	0.00	7.82	2.00	0.00	6.09	0.01	0.00
7.83	2.00	0.00	6.08	0.01	0.00	7.84	2.00	0.00	6.08	0.01	0.00
7.85	2.00	0.00	6.08	0.01	0.00	7.86	2.00	0.00	6.07	0.01	0.00
7.87	2.00	0.00	6.07	0.01	0.00	7.88	2.00	0.00	6.06	0.01	0.00
7.89	2.00	0.00	6.05	0.01	0.00	7.90	2.00	0.00	6.05	0.01	0.00
7.91	2.00	0.00	6.04	0.01	0.00	7.92	2.00	0.00	6.04	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.93	2.00	0.00	6.04	0.01	0.00	7.94	2.00	0.00	6.03	0.01	0.00
7.95	2.00	0.00	6.03	0.01	0.00	7.96	2.00	0.00	6.02	0.01	0.00
7.97	2.00	0.00	6.01	0.01	0.00	7.98	2.00	0.00	6.01	0.01	0.00
7.99	2.00	0.00	6.00	0.01	0.00	8.00	2.00	0.00	6.00	0.01	0.00
8.01	2.00	0.00	6.00	0.01	0.00	8.02	2.00	0.00	5.99	0.01	0.00
8.03	2.00	0.00	5.99	0.01	0.00	8.04	2.00	0.00	5.98	0.01	0.00
8.05	2.00	0.00	5.97	0.01	0.00	8.06	2.00	0.00	5.97	0.01	0.00
8.07	2.00	0.00	5.96	0.01	0.00	8.08	2.00	0.00	5.96	0.01	0.00
8.09	2.00	0.00	5.96	0.01	0.00	8.10	2.00	0.00	5.95	0.01	0.00
8.11	2.00	0.00	5.95	0.01	0.00	8.12	2.00	0.00	5.94	0.01	0.00
8.13	2.00	0.00	5.93	0.01	0.00	8.14	2.00	0.00	5.93	0.01	0.00
8.15	2.00	0.00	5.92	0.01	0.00	8.16	2.00	0.00	5.92	0.01	0.00
8.17	2.00	0.00	5.92	0.01	0.00	8.18	2.00	0.00	5.91	0.01	0.00
8.19	2.00	0.00	5.91	0.01	0.00	8.20	2.00	0.00	5.90	0.01	0.00
8.21	2.00	0.00	5.89	0.01	0.00	8.22	2.00	0.00	5.89	0.01	0.00
8.23	2.00	0.00	5.88	0.01	0.00	8.24	2.00	0.00	5.88	0.01	0.00
8.25	2.00	0.00	5.88	0.01	0.00	8.26	2.00	0.00	5.87	0.01	0.00
8.27	2.00	0.00	5.87	0.01	0.00	8.28	2.00	0.00	5.86	0.01	0.00
8.29	2.00	0.00	5.86	0.01	0.00	8.30	2.00	0.00	5.85	0.01	0.00
8.31	2.00	0.00	5.84	0.01	0.00	8.32	2.00	0.00	5.84	0.01	0.00
8.33	2.00	0.00	5.83	0.01	0.00	8.34	2.00	0.00	5.83	0.01	0.00
8.35	2.00	0.00	5.83	0.01	0.00	8.36	2.00	0.00	5.82	0.01	0.00
8.37	2.00	0.00	5.82	0.01	0.00	8.38	2.00	0.00	5.81	0.01	0.00
8.39	2.00	0.00	5.80	0.01	0.00	8.40	2.00	0.00	5.80	0.01	0.00
8.41	2.00	0.00	5.79	0.01	0.00	8.42	2.00	0.00	5.79	0.01	0.00
8.43	2.00	0.00	5.79	0.01	0.00	8.44	2.00	0.00	5.78	0.01	0.00
8.45	2.00	0.00	5.78	0.01	0.00	8.46	2.00	0.00	5.77	0.01	0.00
8.47	2.00	0.00	5.76	0.01	0.00	8.48	2.00	0.00	5.76	0.01	0.00
8.49	2.00	0.00	5.75	0.01	0.00	8.50	2.00	0.00	5.75	0.01	0.00
8.51	2.00	0.00	5.75	0.01	0.00	8.52	2.00	0.00	5.74	0.01	0.00
8.53	2.00	0.00	5.74	0.01	0.00	8.54	2.00	0.00	5.73	0.01	0.00
8.55	2.00	0.00	5.72	0.01	0.00	8.56	2.00	0.00	5.72	0.01	0.00
8.57	2.00	0.00	5.71	0.01	0.00	8.58	2.00	0.00	5.71	0.01	0.00
8.59	2.00	0.00	5.71	0.01	0.00	8.60	2.00	0.00	5.70	0.01	0.00
8.61	2.00	0.00	5.70	0.01	0.00	8.62	2.00	0.00	5.69	0.01	0.00
8.63	2.00	0.00	5.68	0.01	0.00	8.64	2.00	0.00	5.68	0.01	0.00
8.65	2.00	0.00	5.67	0.01	0.00	8.66	2.00	0.00	5.67	0.01	0.00
8.67	2.00	0.00	5.67	0.01	0.00	8.68	2.00	0.00	5.66	0.01	0.00
8.69	2.00	0.00	5.66	0.01	0.00	8.70	2.00	0.00	5.65	0.01	0.00
8.71	2.00	0.00	5.64	0.01	0.00	8.72	2.00	0.00	5.64	0.01	0.00
8.73	2.00	0.00	5.63	0.01	0.00	8.74	2.00	0.00	5.63	0.01	0.00
8.75	2.00	0.00	5.63	0.01	0.00	8.76	2.00	0.00	5.62	0.01	0.00
8.77	2.00	0.00	5.62	0.01	0.00	8.78	2.00	0.00	5.61	0.01	0.00
8.79	2.00	0.00	5.61	0.01	0.00	8.80	2.00	0.00	5.60	0.01	0.00
8.81	2.00	0.00	5.59	0.01	0.00	8.82	2.00	0.00	5.59	0.01	0.00
8.83	2.00	0.00	5.58	0.01	0.00	8.84	2.00	0.00	5.58	0.01	0.00
8.85	2.00	0.00	5.58	0.01	0.00	8.86	2.00	0.00	5.57	0.01	0.00
8.87	2.00	0.00	5.57	0.01	0.00	8.88	2.00	0.00	5.56	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.89	2.00	0.00	5.55	0.01	0.00	8.90	2.00	0.00	5.55	0.01	0.00
8.91	2.00	0.00	5.54	0.01	0.00	8.92	2.00	0.00	5.54	0.01	0.00
8.93	2.00	0.00	5.54	0.01	0.00	8.94	2.00	0.00	5.53	0.01	0.00
8.95	2.00	0.00	5.53	0.01	0.00	8.96	2.00	0.00	5.52	0.01	0.00
8.97	2.00	0.00	5.51	0.01	0.00	8.98	2.00	0.00	5.51	0.01	0.00
8.99	2.00	0.00	5.50	0.01	0.00	9.00	2.00	0.00	5.50	0.01	0.00
9.01	2.00	0.00	5.50	0.01	0.00	9.02	2.00	0.00	5.49	0.01	0.00
9.03	2.00	0.00	5.49	0.01	0.00	9.04	2.00	0.00	5.48	0.01	0.00
9.05	2.00	0.00	5.47	0.01	0.00	9.06	2.00	0.00	5.47	0.01	0.00
9.07	2.00	0.00	5.46	0.01	0.00	9.08	2.00	0.00	5.46	0.01	0.00
9.09	2.00	0.00	5.46	0.01	0.00	9.10	2.00	0.00	5.45	0.01	0.00
9.11	2.00	0.00	5.45	0.01	0.00	9.12	2.00	0.00	5.44	0.01	0.00
9.13	2.00	0.00	5.43	0.01	0.00	9.14	2.00	0.00	5.43	0.01	0.00
9.15	2.00	0.00	5.42	0.01	0.00	9.16	2.00	0.00	5.42	0.01	0.00
9.17	2.00	0.00	5.42	0.01	0.00	9.18	2.00	0.00	5.41	0.01	0.00
9.19	2.00	0.00	5.41	0.01	0.00	9.20	2.00	0.00	5.40	0.01	0.00
9.21	2.00	0.00	5.39	0.01	0.00	9.22	2.00	0.00	5.39	0.01	0.00
9.23	2.00	0.00	5.38	0.01	0.00	9.24	2.00	0.00	5.38	0.01	0.00
9.25	2.00	0.00	5.38	0.01	0.00	9.26	2.00	0.00	5.37	0.01	0.00
9.27	2.00	0.00	5.37	0.01	0.00	9.28	2.00	0.00	5.36	0.01	0.00
9.29	2.00	0.00	5.36	0.01	0.00	9.30	2.00	0.00	5.35	0.01	0.00
9.31	2.00	0.00	5.34	0.01	0.00	9.32	2.00	0.00	5.34	0.01	0.00
9.33	2.00	0.00	5.33	0.01	0.00	9.34	2.00	0.00	5.33	0.01	0.00
9.35	2.00	0.00	5.33	0.01	0.00	9.36	2.00	0.00	5.32	0.01	0.00
9.37	2.00	0.00	5.32	0.01	0.00	9.38	2.00	0.00	5.31	0.01	0.00
9.39	2.00	0.00	5.30	0.01	0.00	9.40	2.00	0.00	5.30	0.01	0.00
9.41	2.00	0.00	5.29	0.01	0.00	9.42	2.00	0.00	5.29	0.01	0.00
9.43	2.00	0.00	5.29	0.01	0.00	9.44	2.00	0.00	5.28	0.01	0.00
9.45	2.00	0.00	5.28	0.01	0.00	9.46	2.00	0.00	5.27	0.01	0.00
9.47	2.00	0.00	5.26	0.01	0.00	9.48	2.00	0.00	5.26	0.01	0.00
9.49	2.00	0.00	5.25	0.01	0.00	9.50	2.00	0.00	5.25	0.01	0.00
9.51	2.00	0.00	5.25	0.01	0.00	9.52	2.00	0.00	5.24	0.01	0.00
9.53	2.00	0.00	5.24	0.01	0.00	9.54	2.00	0.00	5.23	0.01	0.00
9.55	2.00	0.00	5.22	0.01	0.00	9.56	2.00	0.00	5.22	0.01	0.00
9.57	2.00	0.00	5.21	0.01	0.00	9.58	2.00	0.00	5.21	0.01	0.00
9.59	2.00	0.00	5.21	0.01	0.00	9.60	2.00	0.00	5.20	0.01	0.00
9.61	2.00	0.00	5.20	0.01	0.00	9.62	2.00	0.00	5.19	0.01	0.00
9.63	2.00	0.00	5.18	0.01	0.00	9.64	2.00	0.00	5.18	0.01	0.00
9.65	2.00	0.00	5.17	0.01	0.00	9.66	2.00	0.00	5.17	0.01	0.00
9.67	2.00	0.00	5.17	0.01	0.00	9.68	2.00	0.00	5.16	0.01	0.00
9.69	2.00	0.00	5.16	0.01	0.00	9.70	2.00	0.00	5.15	0.01	0.00
9.71	2.00	0.00	5.14	0.01	0.00	9.72	2.00	0.00	5.14	0.01	0.00
9.73	2.00	0.00	5.13	0.01	0.00	9.74	2.00	0.00	5.13	0.01	0.00
9.75	2.00	0.00	5.13	0.01	0.00	9.76	2.00	0.00	5.12	0.01	0.00
9.77	2.00	0.00	5.12	0.01	0.00	9.78	2.00	0.00	5.11	0.01	0.00
9.79	2.00	0.00	5.11	0.01	0.00	9.80	2.00	0.00	5.10	0.01	0.00
9.81	2.00	0.00	5.09	0.01	0.00	9.82	2.00	0.00	5.09	0.01	0.00
9.83	2.00	0.00	5.08	0.01	0.00	9.84	2.00	0.00	5.08	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.85	2.00	0.00	5.08	0.01	0.00	9.86	2.00	0.00	5.07	0.01	0.00
9.87	2.00	0.00	5.07	0.01	0.00	9.88	2.00	0.00	5.06	0.01	0.00
9.89	2.00	0.00	5.05	0.01	0.00	9.90	2.00	0.00	5.05	0.01	0.00
9.91	2.00	0.00	5.04	0.01	0.00	9.92	2.00	0.00	5.04	0.01	0.00
9.93	2.00	0.00	5.04	0.01	0.00	9.94	2.00	0.00	5.03	0.01	0.00
9.95	2.00	0.00	5.03	0.01	0.00	9.96	2.00	0.00	5.02	0.01	0.00
9.97	2.00	0.00	5.01	0.01	0.00	9.98	2.00	0.00	5.01	0.01	0.00
9.99	2.00	0.00	5.00	0.01	0.00	10.00	2.00	0.00	5.00	0.01	0.00
10.01	2.00	0.00	5.00	0.01	0.00	10.02	2.00	0.00	4.99	0.01	0.00
10.03	2.00	0.00	4.99	0.01	0.00	10.04	2.00	0.00	4.98	0.01	0.00
10.05	2.00	0.00	4.97	0.01	0.00	10.06	2.00	0.00	4.97	0.01	0.00
10.07	2.00	0.00	4.96	0.01	0.00	10.08	2.00	0.00	4.96	0.01	0.00
10.09	2.00	0.00	4.96	0.01	0.00	10.10	2.00	0.00	4.95	0.01	0.00
10.11	2.00	0.00	4.95	0.01	0.00	10.12	2.00	0.00	4.94	0.01	0.00
10.13	2.00	0.00	4.93	0.01	0.00	10.14	2.00	0.00	4.93	0.01	0.00
10.15	2.00	0.00	4.92	0.01	0.00	10.16	2.00	0.00	4.92	0.01	0.00
10.17	2.00	0.00	4.92	0.01	0.00	10.18	2.00	0.00	4.91	0.01	0.00
10.19	2.00	0.00	4.91	0.01	0.00	10.20	2.00	0.00	4.90	0.01	0.00
10.21	2.00	0.00	4.89	0.01	0.00	10.22	2.00	0.00	4.89	0.01	0.00
10.23	2.00	0.00	4.88	0.01	0.00	10.24	2.00	0.00	4.88	0.01	0.00
10.25	2.00	0.00	4.88	0.01	0.00	10.26	2.00	0.00	4.87	0.01	0.00
10.27	2.00	0.00	4.87	0.01	0.00	10.28	2.00	0.00	4.86	0.01	0.00
10.29	2.00	0.00	4.86	0.01	0.00	10.30	2.00	0.00	4.85	0.01	0.00
10.31	2.00	0.00	4.84	0.01	0.00	10.32	2.00	0.00	4.84	0.01	0.00
10.33	2.00	0.00	4.83	0.01	0.00	10.34	2.00	0.00	4.83	0.01	0.00
10.35	2.00	0.00	4.83	0.01	0.00	10.36	2.00	0.00	4.82	0.01	0.00
10.37	2.00	0.00	4.82	0.01	0.00	10.38	2.00	0.00	4.81	0.01	0.00
10.39	2.00	0.00	4.80	0.01	0.00	10.40	2.00	0.00	4.80	0.01	0.00
10.41	2.00	0.00	4.79	0.01	0.00	10.42	2.00	0.00	4.79	0.01	0.00
10.43	2.00	0.00	4.79	0.01	0.00	10.44	2.00	0.00	4.78	0.01	0.00
10.45	2.00	0.00	4.78	0.01	0.00	10.46	2.00	0.00	4.77	0.01	0.00
10.47	2.00	0.00	4.76	0.01	0.00	10.48	2.00	0.00	4.76	0.01	0.00
10.49	2.00	0.00	4.75	0.01	0.00	10.50	2.00	0.00	4.75	0.01	0.00
10.51	2.00	0.00	4.75	0.01	0.00	10.52	2.00	0.00	4.74	0.01	0.00
10.53	2.00	0.00	4.74	0.01	0.00	10.54	2.00	0.00	4.73	0.01	0.00
10.55	2.00	0.00	4.72	0.01	0.00	10.56	2.00	0.00	4.72	0.01	0.00
10.57	2.00	0.00	4.71	0.01	0.00	10.58	2.00	0.00	4.71	0.01	0.00
10.59	2.00	0.00	4.71	0.01	0.00	10.60	2.00	0.00	4.70	0.01	0.00
10.61	2.00	0.00	4.70	0.01	0.00	10.62	2.00	0.00	4.69	0.01	0.00
10.63	2.00	0.00	4.68	0.01	0.00	10.64	2.00	0.00	4.68	0.01	0.00
10.65	2.00	0.00	4.67	0.01	0.00	10.66	2.00	0.00	4.67	0.01	0.00
10.67	2.00	0.00	4.67	0.01	0.00	10.68	2.00	0.00	4.66	0.01	0.00
10.69	2.00	0.00	4.66	0.01	0.00	10.70	2.00	0.00	4.65	0.01	0.00
10.71	2.00	0.00	4.64	0.01	0.00	10.72	2.00	0.00	4.64	0.01	0.00
10.73	2.00	0.00	4.63	0.01	0.00	10.74	2.00	0.00	4.63	0.01	0.00
10.75	2.00	0.00	4.63	0.01	0.00	10.76	2.00	0.00	4.62	0.01	0.00
10.77	2.00	0.00	4.62	0.01	0.00	10.78	2.00	0.00	4.61	0.01	0.00
10.79	2.00	0.00	4.61	0.01	0.00	10.80	2.00	0.00	4.60	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.81	2.00	0.00	4.59	0.01	0.00	10.82	2.00	0.00	4.59	0.01	0.00
10.83	2.00	0.00	4.58	0.01	0.00	10.84	2.00	0.00	4.58	0.01	0.00
10.85	2.00	0.00	4.58	0.01	0.00	10.86	2.00	0.00	4.57	0.01	0.00
10.87	2.00	0.00	4.57	0.01	0.00	10.88	2.00	0.00	4.56	0.01	0.00
10.89	2.00	0.00	4.55	0.01	0.00	10.90	2.00	0.00	4.55	0.01	0.00
10.91	2.00	0.00	4.54	0.01	0.00	10.92	2.00	0.00	4.54	0.01	0.00
10.93	2.00	0.00	4.54	0.01	0.00	10.94	0.64	0.36	4.53	0.01	0.02
10.95	0.60	0.40	4.53	0.01	0.02	10.96	0.59	0.41	4.52	0.01	0.02
10.97	0.59	0.41	4.51	0.01	0.02	10.98	0.60	0.40	4.51	0.01	0.02
10.99	0.65	0.35	4.50	0.01	0.02	11.00	0.69	0.31	4.50	0.01	0.01
11.01	0.77	0.23	4.50	0.01	0.01	11.02	0.85	0.15	4.49	0.01	0.01
11.03	2.00	0.00	4.49	0.01	0.00	11.04	2.00	0.00	4.48	0.01	0.00
11.05	2.00	0.00	4.47	0.01	0.00	11.06	2.00	0.00	4.47	0.01	0.00
11.07	2.00	0.00	4.46	0.01	0.00	11.08	2.00	0.00	4.46	0.01	0.00
11.09	2.00	0.00	4.46	0.01	0.00	11.10	2.00	0.00	4.45	0.01	0.00
11.11	2.00	0.00	4.45	0.01	0.00	11.12	2.00	0.00	4.44	0.01	0.00
11.13	2.00	0.00	4.43	0.01	0.00	11.14	2.00	0.00	4.43	0.01	0.00
11.15	2.00	0.00	4.42	0.01	0.00	11.16	2.00	0.00	4.42	0.01	0.00
11.17	2.00	0.00	4.42	0.01	0.00	11.18	2.00	0.00	4.41	0.01	0.00
11.19	2.00	0.00	4.41	0.01	0.00	11.20	2.00	0.00	4.40	0.01	0.00
11.21	2.00	0.00	4.39	0.01	0.00	11.22	2.00	0.00	4.39	0.01	0.00
11.23	2.00	0.00	4.38	0.01	0.00	11.24	2.00	0.00	4.38	0.01	0.00
11.25	2.00	0.00	4.38	0.01	0.00	11.26	2.00	0.00	4.37	0.01	0.00
11.27	2.00	0.00	4.37	0.01	0.00	11.28	2.00	0.00	4.36	0.01	0.00
11.29	2.00	0.00	4.36	0.01	0.00	11.30	2.00	0.00	4.35	0.01	0.00
11.31	2.00	0.00	4.34	0.01	0.00	11.32	2.00	0.00	4.34	0.01	0.00
11.33	2.00	0.00	4.33	0.01	0.00	11.34	2.00	0.00	4.33	0.01	0.00
11.35	2.00	0.00	4.33	0.01	0.00	11.36	2.00	0.00	4.32	0.01	0.00
11.37	2.00	0.00	4.32	0.01	0.00	11.38	2.00	0.00	4.31	0.01	0.00
11.39	2.00	0.00	4.30	0.01	0.00	11.40	2.00	0.00	4.30	0.01	0.00
11.41	2.00	0.00	4.29	0.01	0.00	11.42	2.00	0.00	4.29	0.01	0.00
11.43	2.00	0.00	4.29	0.01	0.00	11.44	2.00	0.00	4.28	0.01	0.00
11.45	0.88	0.12	4.28	0.01	0.01	11.46	0.85	0.15	4.27	0.01	0.01
11.47	0.83	0.17	4.26	0.01	0.01	11.48	0.82	0.18	4.26	0.01	0.01
11.49	0.82	0.18	4.25	0.01	0.01	11.50	0.84	0.16	4.25	0.01	0.01
11.51	2.00	0.00	4.25	0.01	0.00	11.52	2.00	0.00	4.24	0.01	0.00
11.53	2.00	0.00	4.24	0.01	0.00	11.54	2.00	0.00	4.23	0.01	0.00
11.55	2.00	0.00	4.22	0.01	0.00	11.56	2.00	0.00	4.22	0.01	0.00
11.57	2.00	0.00	4.21	0.01	0.00	11.58	2.00	0.00	4.21	0.01	0.00
11.59	2.00	0.00	4.21	0.01	0.00	11.60	1.02	0.00	4.20	0.01	0.00
11.61	1.03	0.00	4.20	0.01	0.00	11.62	1.03	0.00	4.19	0.01	0.00
11.63	1.00	0.00	4.18	0.01	0.00	11.64	0.94	0.06	4.18	0.01	0.00
11.65	0.87	0.13	4.17	0.01	0.01	11.66	0.80	0.20	4.17	0.01	0.01
11.67	0.74	0.26	4.17	0.01	0.01	11.68	0.70	0.30	4.16	0.01	0.01
11.69	0.66	0.34	4.16	0.01	0.01	11.70	0.65	0.35	4.15	0.01	0.01
11.71	2.00	0.00	4.14	0.01	0.00	11.72	2.00	0.00	4.14	0.01	0.00
11.73	2.00	0.00	4.13	0.01	0.00	11.74	2.00	0.00	4.13	0.01	0.00
11.75	2.00	0.00	4.13	0.01	0.00	11.76	2.00	0.00	4.12	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.77	2.00	0.00	4.12	0.01	0.00	11.78	2.00	0.00	4.11	0.01	0.00
11.79	2.00	0.00	4.11	0.01	0.00	11.80	2.00	0.00	4.10	0.01	0.00
11.81	2.00	0.00	4.09	0.01	0.00	11.82	2.00	0.00	4.09	0.01	0.00
11.83	2.00	0.00	4.08	0.01	0.00	11.84	2.00	0.00	4.08	0.01	0.00
11.85	2.00	0.00	4.08	0.01	0.00	11.86	2.00	0.00	4.07	0.01	0.00
11.87	2.00	0.00	4.07	0.01	0.00	11.88	2.00	0.00	4.06	0.01	0.00
11.89	2.00	0.00	4.05	0.01	0.00	11.90	2.00	0.00	4.05	0.01	0.00
11.91	2.00	0.00	4.04	0.01	0.00	11.92	2.00	0.00	4.04	0.01	0.00
11.93	2.00	0.00	4.04	0.01	0.00	11.94	2.00	0.00	4.03	0.01	0.00
11.95	2.00	0.00	4.03	0.01	0.00	11.96	2.00	0.00	4.02	0.01	0.00
11.97	2.00	0.00	4.01	0.01	0.00	11.98	2.00	0.00	4.01	0.01	0.00
11.99	2.00	0.00	4.00	0.01	0.00	12.00	2.00	0.00	4.00	0.01	0.00
12.01	2.00	0.00	4.00	0.01	0.00	12.02	2.00	0.00	3.99	0.01	0.00
12.03	2.00	0.00	3.98	0.01	0.00	12.04	2.00	0.00	3.98	0.01	0.00
12.05	2.00	0.00	3.98	0.01	0.00	12.06	2.00	0.00	3.97	0.01	0.00
12.07	2.00	0.00	3.96	0.01	0.00	12.08	2.00	0.00	3.96	0.01	0.00
12.09	2.00	0.00	3.96	0.01	0.00	12.10	2.00	0.00	3.95	0.01	0.00
12.11	2.00	0.00	3.94	0.01	0.00	12.12	2.00	0.00	3.94	0.01	0.00
12.13	2.00	0.00	3.94	0.01	0.00	12.14	2.00	0.00	3.93	0.01	0.00
12.15	2.00	0.00	3.92	0.01	0.00	12.16	2.00	0.00	3.92	0.01	0.00
12.17	2.00	0.00	3.92	0.01	0.00	12.18	2.00	0.00	3.91	0.01	0.00
12.19	2.00	0.00	3.90	0.01	0.00	12.20	2.00	0.00	3.90	0.01	0.00
12.21	2.00	0.00	3.90	0.01	0.00	12.22	2.00	0.00	3.89	0.01	0.00
12.23	2.00	0.00	3.88	0.01	0.00	12.24	2.00	0.00	3.88	0.01	0.00
12.25	2.00	0.00	3.88	0.01	0.00	12.26	2.00	0.00	3.87	0.01	0.00
12.27	2.00	0.00	3.87	0.01	0.00	12.28	2.00	0.00	3.86	0.01	0.00
12.29	2.00	0.00	3.85	0.01	0.00	12.30	2.00	0.00	3.85	0.01	0.00
12.31	2.00	0.00	3.85	0.01	0.00	12.32	2.00	0.00	3.84	0.01	0.00
12.33	2.00	0.00	3.83	0.01	0.00	12.34	2.00	0.00	3.83	0.01	0.00
12.35	2.00	0.00	3.83	0.01	0.00	12.36	2.00	0.00	3.82	0.01	0.00
12.37	2.00	0.00	3.81	0.01	0.00	12.38	2.00	0.00	3.81	0.01	0.00
12.39	2.00	0.00	3.81	0.01	0.00	12.40	2.00	0.00	3.80	0.01	0.00
12.41	2.00	0.00	3.79	0.01	0.00	12.42	2.00	0.00	3.79	0.01	0.00
12.43	2.00	0.00	3.79	0.01	0.00	12.44	2.00	0.00	3.78	0.01	0.00
12.45	2.00	0.00	3.77	0.01	0.00	12.46	2.00	0.00	3.77	0.01	0.00
12.47	2.00	0.00	3.77	0.01	0.00	12.48	2.00	0.00	3.76	0.01	0.00
12.49	2.00	0.00	3.75	0.01	0.00	12.50	2.00	0.00	3.75	0.01	0.00
12.51	2.00	0.00	3.75	0.01	0.00	12.52	2.00	0.00	3.74	0.01	0.00
12.53	2.00	0.00	3.73	0.01	0.00	12.54	2.00	0.00	3.73	0.01	0.00
12.55	2.00	0.00	3.73	0.01	0.00	12.56	2.00	0.00	3.72	0.01	0.00
12.57	2.00	0.00	3.71	0.01	0.00	12.58	2.00	0.00	3.71	0.01	0.00
12.59	2.00	0.00	3.71	0.01	0.00	12.60	2.00	0.00	3.70	0.01	0.00
12.61	2.00	0.00	3.69	0.01	0.00	12.62	2.00	0.00	3.69	0.01	0.00
12.63	2.00	0.00	3.69	0.01	0.00	12.64	2.00	0.00	3.68	0.01	0.00
12.65	2.00	0.00	3.67	0.01	0.00	12.66	2.00	0.00	3.67	0.01	0.00
12.67	2.00	0.00	3.67	0.01	0.00	12.68	2.00	0.00	3.66	0.01	0.00
12.69	2.00	0.00	3.65	0.01	0.00	12.70	2.00	0.00	3.65	0.01	0.00
12.71	2.00	0.00	3.65	0.01	0.00	12.72	2.00	0.00	3.64	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.73	2.00	0.00	3.63	0.01	0.00	12.74	2.00	0.00	3.63	0.01	0.00
12.75	2.00	0.00	3.63	0.01	0.00	12.76	2.00	0.00	3.62	0.01	0.00
12.77	2.00	0.00	3.62	0.01	0.00	12.78	2.00	0.00	3.61	0.01	0.00
12.79	2.00	0.00	3.60	0.01	0.00	12.80	2.00	0.00	3.60	0.01	0.00
12.81	2.00	0.00	3.60	0.01	0.00	12.82	2.00	0.00	3.59	0.01	0.00
12.83	2.00	0.00	3.58	0.01	0.00	12.84	2.00	0.00	3.58	0.01	0.00
12.85	2.00	0.00	3.58	0.01	0.00	12.86	2.00	0.00	3.57	0.01	0.00
12.87	2.00	0.00	3.56	0.01	0.00	12.88	2.00	0.00	3.56	0.01	0.00
12.89	2.00	0.00	3.56	0.01	0.00	12.90	2.00	0.00	3.55	0.01	0.00
12.91	2.00	0.00	3.54	0.01	0.00	12.92	2.00	0.00	3.54	0.01	0.00
12.93	2.00	0.00	3.54	0.01	0.00	12.94	2.00	0.00	3.53	0.01	0.00
12.95	2.00	0.00	3.52	0.01	0.00	12.96	2.00	0.00	3.52	0.01	0.00
12.97	2.00	0.00	3.52	0.01	0.00	12.98	2.00	0.00	3.51	0.01	0.00
12.99	2.00	0.00	3.50	0.01	0.00	13.00	2.00	0.00	3.50	0.01	0.00
13.01	2.00	0.00	3.50	0.01	0.00	13.02	2.00	0.00	3.49	0.01	0.00
13.03	2.00	0.00	3.48	0.01	0.00	13.04	2.00	0.00	3.48	0.01	0.00
13.05	2.00	0.00	3.48	0.01	0.00	13.06	2.00	0.00	3.47	0.01	0.00
13.07	2.00	0.00	3.46	0.01	0.00	13.08	2.00	0.00	3.46	0.01	0.00
13.09	2.00	0.00	3.46	0.01	0.00	13.10	2.00	0.00	3.45	0.01	0.00
13.11	2.00	0.00	3.44	0.01	0.00	13.12	2.00	0.00	3.44	0.01	0.00
13.13	2.00	0.00	3.44	0.01	0.00	13.14	2.00	0.00	3.43	0.01	0.00
13.15	2.00	0.00	3.42	0.01	0.00	13.16	2.00	0.00	3.42	0.01	0.00
13.17	2.00	0.00	3.42	0.01	0.00	13.18	2.00	0.00	3.41	0.01	0.00
13.19	2.00	0.00	3.40	0.01	0.00	13.20	2.00	0.00	3.40	0.01	0.00
13.21	2.00	0.00	3.40	0.01	0.00	13.22	2.00	0.00	3.39	0.01	0.00
13.23	2.00	0.00	3.38	0.01	0.00	13.24	2.00	0.00	3.38	0.01	0.00
13.25	2.00	0.00	3.38	0.01	0.00	13.26	2.00	0.00	3.37	0.01	0.00
13.27	2.00	0.00	3.37	0.01	0.00	13.28	2.00	0.00	3.36	0.01	0.00
13.29	2.00	0.00	3.35	0.01	0.00	13.30	2.00	0.00	3.35	0.01	0.00
13.31	2.00	0.00	3.35	0.01	0.00	13.32	2.00	0.00	3.34	0.01	0.00
13.33	2.00	0.00	3.33	0.01	0.00	13.34	2.00	0.00	3.33	0.01	0.00
13.35	2.00	0.00	3.33	0.01	0.00	13.36	2.00	0.00	3.32	0.01	0.00
13.37	2.00	0.00	3.31	0.01	0.00	13.38	2.00	0.00	3.31	0.01	0.00
13.39	2.00	0.00	3.31	0.01	0.00	13.40	2.00	0.00	3.30	0.01	0.00
13.41	2.00	0.00	3.29	0.01	0.00	13.42	2.00	0.00	3.29	0.01	0.00
13.43	2.00	0.00	3.29	0.01	0.00	13.44	2.00	0.00	3.28	0.01	0.00
13.45	2.00	0.00	3.27	0.01	0.00	13.46	2.00	0.00	3.27	0.01	0.00
13.47	2.00	0.00	3.27	0.01	0.00	13.48	2.00	0.00	3.26	0.01	0.00
13.49	2.00	0.00	3.25	0.01	0.00	13.50	2.00	0.00	3.25	0.01	0.00
13.51	2.00	0.00	3.25	0.01	0.00	13.52	2.00	0.00	3.24	0.01	0.00
13.53	2.00	0.00	3.23	0.01	0.00	13.54	2.00	0.00	3.23	0.01	0.00
13.55	2.00	0.00	3.23	0.01	0.00	13.56	2.00	0.00	3.22	0.01	0.00
13.57	2.00	0.00	3.21	0.01	0.00	13.58	2.00	0.00	3.21	0.01	0.00
13.59	2.00	0.00	3.21	0.01	0.00	13.60	2.00	0.00	3.20	0.01	0.00
13.61	2.00	0.00	3.19	0.01	0.00	13.62	2.00	0.00	3.19	0.01	0.00
13.63	2.00	0.00	3.19	0.01	0.00	13.64	2.00	0.00	3.18	0.01	0.00
13.65	2.00	0.00	3.17	0.01	0.00	13.66	2.00	0.00	3.17	0.01	0.00
13.67	2.00	0.00	3.17	0.01	0.00	13.68	2.00	0.00	3.16	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.69	2.00	0.00	3.15	0.01	0.00	13.70	2.00	0.00	3.15	0.01	0.00
13.71	0.63	0.37	3.15	0.01	0.01	13.72	0.62	0.38	3.14	0.01	0.01
13.73	0.63	0.37	3.13	0.01	0.01	13.74	0.66	0.34	3.13	0.01	0.01
13.75	0.69	0.31	3.13	0.01	0.01	13.76	2.00	0.00	3.12	0.01	0.00
13.77	2.00	0.00	3.12	0.01	0.00	13.78	2.00	0.00	3.11	0.01	0.00
13.79	2.00	0.00	3.10	0.01	0.00	13.80	0.60	0.40	3.10	0.01	0.01
13.81	0.59	0.41	3.10	0.01	0.01	13.82	0.61	0.39	3.09	0.01	0.01
13.83	0.64	0.36	3.08	0.01	0.01	13.84	0.68	0.32	3.08	0.01	0.01
13.85	0.71	0.29	3.08	0.01	0.01	13.86	0.74	0.26	3.07	0.01	0.01
13.87	0.76	0.24	3.06	0.01	0.01	13.88	0.77	0.23	3.06	0.01	0.01
13.89	0.77	0.23	3.06	0.01	0.01	13.90	0.75	0.25	3.05	0.01	0.01
13.91	0.73	0.27	3.04	0.01	0.01	13.92	0.71	0.29	3.04	0.01	0.01
13.93	0.71	0.29	3.04	0.01	0.01	13.94	0.62	0.38	3.03	0.01	0.01
13.95	0.62	0.38	3.02	0.01	0.01	13.96	0.62	0.38	3.02	0.01	0.01
13.97	0.62	0.38	3.02	0.01	0.01	13.98	0.62	0.38	3.01	0.01	0.01
13.99	0.63	0.37	3.00	0.01	0.01	14.00	0.63	0.37	3.00	0.01	0.01
14.01	0.64	0.36	3.00	0.01	0.01	14.02	0.65	0.35	2.99	0.01	0.01
14.03	0.66	0.34	2.98	0.01	0.01	14.04	0.68	0.32	2.98	0.01	0.01
14.05	0.69	0.31	2.98	0.01	0.01	14.06	0.70	0.30	2.97	0.01	0.01
14.07	0.71	0.29	2.96	0.01	0.01	14.08	0.73	0.27	2.96	0.01	0.01
14.09	0.74	0.26	2.96	0.01	0.01	14.10	0.76	0.24	2.95	0.01	0.01
14.11	0.78	0.22	2.94	0.01	0.01	14.12	0.81	0.19	2.94	0.01	0.01
14.13	0.83	0.17	2.94	0.01	0.01	14.14	0.84	0.16	2.93	0.01	0.00
14.15	0.85	0.15	2.92	0.01	0.00	14.16	0.86	0.14	2.92	0.01	0.00
14.17	0.86	0.14	2.92	0.01	0.00	14.18	0.85	0.15	2.91	0.01	0.00
14.19	0.84	0.16	2.90	0.01	0.00	14.20	0.82	0.18	2.90	0.01	0.01
14.21	0.81	0.19	2.90	0.01	0.01	14.22	0.80	0.20	2.89	0.01	0.01
14.23	0.80	0.20	2.88	0.01	0.01	14.24	0.80	0.20	2.88	0.01	0.01
14.25	0.81	0.19	2.88	0.01	0.01	14.26	0.83	0.17	2.87	0.01	0.00
14.27	0.85	0.15	2.87	0.01	0.00	14.28	0.85	0.15	2.86	0.01	0.00
14.29	0.94	0.06	2.85	0.01	0.00	14.30	0.94	0.06	2.85	0.01	0.00
14.31	0.92	0.08	2.85	0.01	0.00	14.32	0.88	0.12	2.84	0.01	0.00
14.33	0.85	0.15	2.83	0.01	0.00	14.34	0.80	0.20	2.83	0.01	0.01
14.35	0.74	0.26	2.83	0.01	0.01	14.36	0.69	0.31	2.82	0.01	0.01
14.37	0.62	0.38	2.81	0.01	0.01	14.38	0.56	0.44	2.81	0.01	0.01
14.39	0.51	0.49	2.81	0.01	0.01	14.40	0.48	0.52	2.80	0.01	0.01
14.41	0.47	0.53	2.79	0.01	0.01	14.42	0.48	0.52	2.79	0.01	0.01
14.43	0.51	0.49	2.79	0.01	0.01	14.44	2.00	0.00	2.78	0.01	0.00
14.45	2.00	0.00	2.77	0.01	0.00	14.46	2.00	0.00	2.77	0.01	0.00
14.47	2.00	0.00	2.77	0.01	0.00	14.48	2.00	0.00	2.76	0.01	0.00
14.49	2.00	0.00	2.75	0.01	0.00	14.50	2.00	0.00	2.75	0.01	0.00
14.51	2.00	0.00	2.75	0.01	0.00	14.52	2.00	0.00	2.74	0.01	0.00
14.53	2.00	0.00	2.73	0.01	0.00	14.54	2.00	0.00	2.73	0.01	0.00
14.55	2.00	0.00	2.73	0.01	0.00	14.56	2.00	0.00	2.72	0.01	0.00
14.57	2.00	0.00	2.71	0.01	0.00	14.58	2.00	0.00	2.71	0.01	0.00
14.59	2.00	0.00	2.71	0.01	0.00	14.60	2.00	0.00	2.70	0.01	0.00
14.61	2.00	0.00	2.69	0.01	0.00	14.62	2.00	0.00	2.69	0.01	0.00
14.63	2.00	0.00	2.69	0.01	0.00	14.64	2.00	0.00	2.68	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.65	2.00	0.00	2.67	0.01	0.00	14.66	2.00	0.00	2.67	0.01	0.00
14.67	2.00	0.00	2.67	0.01	0.00	14.68	2.00	0.00	2.66	0.01	0.00
14.69	2.00	0.00	2.65	0.01	0.00	14.70	2.00	0.00	2.65	0.01	0.00
14.71	2.00	0.00	2.65	0.01	0.00	14.72	2.00	0.00	2.64	0.01	0.00
14.73	2.00	0.00	2.63	0.01	0.00	14.74	2.00	0.00	2.63	0.01	0.00
14.75	2.00	0.00	2.63	0.01	0.00	14.76	2.00	0.00	2.62	0.01	0.00
14.77	2.00	0.00	2.62	0.01	0.00	14.78	2.00	0.00	2.61	0.01	0.00
14.79	2.00	0.00	2.60	0.01	0.00	14.80	2.00	0.00	2.60	0.01	0.00
14.81	2.00	0.00	2.60	0.01	0.00	14.82	2.00	0.00	2.59	0.01	0.00
14.83	2.00	0.00	2.58	0.01	0.00	14.84	2.00	0.00	2.58	0.01	0.00
14.85	2.00	0.00	2.58	0.01	0.00	14.86	2.00	0.00	2.57	0.01	0.00
14.87	2.00	0.00	2.56	0.01	0.00	14.88	2.00	0.00	2.56	0.01	0.00
14.89	2.00	0.00	2.56	0.01	0.00	14.90	2.00	0.00	2.55	0.01	0.00
14.91	2.00	0.00	2.54	0.01	0.00	14.92	2.00	0.00	2.54	0.01	0.00
14.93	2.00	0.00	2.54	0.01	0.00	14.94	2.00	0.00	2.53	0.01	0.00
14.95	2.00	0.00	2.52	0.01	0.00	14.96	2.00	0.00	2.52	0.01	0.00
14.97	2.00	0.00	2.52	0.01	0.00	14.98	2.00	0.00	2.51	0.01	0.00
14.99	2.00	0.00	2.50	0.01	0.00	15.00	2.00	0.00	2.50	0.01	0.00
15.01	2.00	0.00	2.50	0.01	0.00	15.02	2.00	0.00	2.49	0.01	0.00
15.03	2.00	0.00	2.48	0.01	0.00	15.04	2.00	0.00	2.48	0.01	0.00
15.05	2.00	0.00	2.48	0.01	0.00	15.06	2.00	0.00	2.47	0.01	0.00
15.07	2.00	0.00	2.46	0.01	0.00	15.08	2.00	0.00	2.46	0.01	0.00
15.09	2.00	0.00	2.46	0.01	0.00	15.10	2.00	0.00	2.45	0.01	0.00
15.11	2.00	0.00	2.44	0.01	0.00	15.12	2.00	0.00	2.44	0.01	0.00
15.13	2.00	0.00	2.44	0.01	0.00	15.14	2.00	0.00	2.43	0.01	0.00
15.15	2.00	0.00	2.42	0.01	0.00	15.16	2.00	0.00	2.42	0.01	0.00
15.17	2.00	0.00	2.42	0.01	0.00	15.18	2.00	0.00	2.41	0.01	0.00
15.19	2.00	0.00	2.40	0.01	0.00	15.20	2.00	0.00	2.40	0.01	0.00
15.21	2.00	0.00	2.40	0.01	0.00	15.22	2.00	0.00	2.39	0.01	0.00
15.23	2.00	0.00	2.38	0.01	0.00	15.24	2.00	0.00	2.38	0.01	0.00
15.25	2.00	0.00	2.38	0.01	0.00	15.26	2.00	0.00	2.37	0.01	0.00
15.27	2.00	0.00	2.37	0.01	0.00	15.28	2.00	0.00	2.36	0.01	0.00
15.29	2.00	0.00	2.35	0.01	0.00	15.30	2.00	0.00	2.35	0.01	0.00
15.31	2.00	0.00	2.35	0.01	0.00	15.32	2.00	0.00	2.34	0.01	0.00
15.33	2.00	0.00	2.33	0.01	0.00	15.34	2.00	0.00	2.33	0.01	0.00
15.35	2.00	0.00	2.33	0.01	0.00	15.36	2.00	0.00	2.32	0.01	0.00
15.37	2.00	0.00	2.31	0.01	0.00	15.38	2.00	0.00	2.31	0.01	0.00
15.39	2.00	0.00	2.31	0.01	0.00	15.40	2.00	0.00	2.30	0.01	0.00
15.41	2.00	0.00	2.29	0.01	0.00	15.42	2.00	0.00	2.29	0.01	0.00
15.43	2.00	0.00	2.29	0.01	0.00	15.44	2.00	0.00	2.28	0.01	0.00
15.45	2.00	0.00	2.27	0.01	0.00	15.46	2.00	0.00	2.27	0.01	0.00
15.47	2.00	0.00	2.27	0.01	0.00	15.48	2.00	0.00	2.26	0.01	0.00
15.49	2.00	0.00	2.25	0.01	0.00	15.50	2.00	0.00	2.25	0.01	0.00
15.51	2.00	0.00	2.25	0.01	0.00	15.52	2.00	0.00	2.24	0.01	0.00
15.53	2.00	0.00	2.23	0.01	0.00	15.54	2.00	0.00	2.23	0.01	0.00
15.55	2.00	0.00	2.23	0.01	0.00	15.56	2.00	0.00	2.22	0.01	0.00
15.57	2.00	0.00	2.21	0.01	0.00	15.58	2.00	0.00	2.21	0.01	0.00
15.59	2.00	0.00	2.21	0.01	0.00	15.60	2.00	0.00	2.20	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.61	2.00	0.00	2.19	0.01	0.00	15.62	2.00	0.00	2.19	0.01	0.00
15.63	2.00	0.00	2.19	0.01	0.00	15.64	2.00	0.00	2.18	0.01	0.00
15.65	2.00	0.00	2.17	0.01	0.00	15.66	2.00	0.00	2.17	0.01	0.00
15.67	2.00	0.00	2.17	0.01	0.00	15.68	2.00	0.00	2.16	0.01	0.00
15.69	2.00	0.00	2.15	0.01	0.00	15.70	2.00	0.00	2.15	0.01	0.00
15.71	2.00	0.00	2.15	0.01	0.00	15.72	2.00	0.00	2.14	0.01	0.00
15.73	2.00	0.00	2.13	0.01	0.00	15.74	2.00	0.00	2.13	0.01	0.00
15.75	2.00	0.00	2.13	0.01	0.00	15.76	2.00	0.00	2.12	0.01	0.00
15.77	2.00	0.00	2.12	0.01	0.00	15.78	2.00	0.00	2.11	0.01	0.00
15.79	2.00	0.00	2.10	0.01	0.00	15.80	2.00	0.00	2.10	0.01	0.00
15.81	2.00	0.00	2.10	0.01	0.00	15.82	2.00	0.00	2.09	0.01	0.00
15.83	2.00	0.00	2.08	0.01	0.00	15.84	2.00	0.00	2.08	0.01	0.00
15.85	2.00	0.00	2.08	0.01	0.00	15.86	2.00	0.00	2.07	0.01	0.00
15.87	2.00	0.00	2.06	0.01	0.00	15.88	2.00	0.00	2.06	0.01	0.00
15.89	2.00	0.00	2.06	0.01	0.00	15.90	2.00	0.00	2.05	0.01	0.00
15.91	2.00	0.00	2.04	0.01	0.00	15.92	2.00	0.00	2.04	0.01	0.00
15.93	2.00	0.00	2.04	0.01	0.00	15.94	2.00	0.00	2.03	0.01	0.00
15.95	2.00	0.00	2.02	0.01	0.00	15.96	2.00	0.00	2.02	0.01	0.00
15.97	2.00	0.00	2.02	0.01	0.00	15.98	2.00	0.00	2.01	0.01	0.00
15.99	2.00	0.00	2.00	0.01	0.00	16.00	2.00	0.00	2.00	0.01	0.00
16.01	2.00	0.00	2.00	0.01	0.00	16.02	2.00	0.00	1.99	0.01	0.00
16.03	2.00	0.00	1.99	0.01	0.00	16.04	2.00	0.00	1.98	0.01	0.00
16.05	2.00	0.00	1.98	0.01	0.00	16.06	2.00	0.00	1.97	0.01	0.00
16.07	2.00	0.00	1.97	0.01	0.00	16.08	2.00	0.00	1.96	0.01	0.00
16.09	2.00	0.00	1.96	0.01	0.00	16.10	2.00	0.00	1.95	0.01	0.00
16.11	2.00	0.00	1.95	0.01	0.00	16.12	2.00	0.00	1.94	0.01	0.00
16.13	2.00	0.00	1.94	0.01	0.00	16.14	2.00	0.00	1.93	0.01	0.00
16.15	2.00	0.00	1.93	0.01	0.00	16.16	2.00	0.00	1.92	0.01	0.00
16.17	2.00	0.00	1.92	0.01	0.00	16.18	2.00	0.00	1.91	0.01	0.00
16.19	2.00	0.00	1.91	0.01	0.00	16.20	2.00	0.00	1.90	0.01	0.00
16.21	2.00	0.00	1.90	0.01	0.00	16.22	2.00	0.00	1.89	0.01	0.00
16.23	2.00	0.00	1.89	0.01	0.00	16.24	2.00	0.00	1.88	0.01	0.00
16.25	2.00	0.00	1.88	0.01	0.00	16.26	2.00	0.00	1.87	0.01	0.00
16.27	2.00	0.00	1.86	0.01	0.00	16.28	2.00	0.00	1.86	0.01	0.00
16.29	2.00	0.00	1.85	0.01	0.00	16.30	2.00	0.00	1.85	0.01	0.00
16.31	2.00	0.00	1.84	0.01	0.00	16.32	2.00	0.00	1.84	0.01	0.00
16.33	2.00	0.00	1.83	0.01	0.00	16.34	2.00	0.00	1.83	0.01	0.00
16.35	2.00	0.00	1.82	0.01	0.00	16.36	2.00	0.00	1.82	0.01	0.00
16.37	2.00	0.00	1.81	0.01	0.00	16.38	2.00	0.00	1.81	0.01	0.00
16.39	2.00	0.00	1.80	0.01	0.00	16.40	2.00	0.00	1.80	0.01	0.00
16.41	2.00	0.00	1.79	0.01	0.00	16.42	2.00	0.00	1.79	0.01	0.00
16.43	2.00	0.00	1.78	0.01	0.00	16.44	2.00	0.00	1.78	0.01	0.00
16.45	2.00	0.00	1.77	0.01	0.00	16.46	2.00	0.00	1.77	0.01	0.00
16.47	2.00	0.00	1.76	0.01	0.00	16.48	2.00	0.00	1.76	0.01	0.00
16.49	2.00	0.00	1.75	0.01	0.00	16.50	2.00	0.00	1.75	0.01	0.00
16.51	2.00	0.00	1.75	0.01	0.00	16.52	2.00	0.00	1.74	0.01	0.00
16.53	2.00	0.00	1.74	0.01	0.00	16.54	2.00	0.00	1.73	0.01	0.00
16.55	2.00	0.00	1.73	0.01	0.00	16.56	2.00	0.00	1.72	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.57	2.00	0.00	1.72	0.01	0.00	16.58	2.00	0.00	1.71	0.01	0.00
16.59	2.00	0.00	1.71	0.01	0.00	16.60	2.00	0.00	1.70	0.01	0.00
16.61	2.00	0.00	1.70	0.01	0.00	16.62	2.00	0.00	1.69	0.01	0.00
16.63	2.00	0.00	1.69	0.01	0.00	16.64	2.00	0.00	1.68	0.01	0.00
16.65	2.00	0.00	1.68	0.01	0.00	16.66	2.00	0.00	1.67	0.01	0.00
16.67	2.00	0.00	1.67	0.01	0.00	16.68	2.00	0.00	1.66	0.01	0.00
16.69	2.00	0.00	1.66	0.01	0.00	16.70	2.00	0.00	1.65	0.01	0.00
16.71	2.00	0.00	1.65	0.01	0.00	16.72	2.00	0.00	1.64	0.01	0.00
16.73	2.00	0.00	1.64	0.01	0.00	16.74	2.00	0.00	1.63	0.01	0.00
16.75	2.00	0.00	1.63	0.01	0.00	16.76	2.00	0.00	1.62	0.01	0.00
16.77	2.00	0.00	1.61	0.01	0.00	16.78	2.00	0.00	1.61	0.01	0.00
16.79	2.00	0.00	1.60	0.01	0.00	16.80	2.00	0.00	1.60	0.01	0.00
16.81	2.00	0.00	1.59	0.01	0.00	16.82	2.00	0.00	1.59	0.01	0.00
16.83	2.00	0.00	1.58	0.01	0.00	16.84	2.00	0.00	1.58	0.01	0.00
16.85	2.00	0.00	1.57	0.01	0.00	16.86	2.00	0.00	1.57	0.01	0.00
16.87	2.00	0.00	1.56	0.01	0.00	16.88	2.00	0.00	1.56	0.01	0.00
16.89	2.00	0.00	1.55	0.01	0.00	16.90	2.00	0.00	1.55	0.01	0.00
16.91	2.00	0.00	1.54	0.01	0.00	16.92	2.00	0.00	1.54	0.01	0.00
16.93	2.00	0.00	1.53	0.01	0.00	16.94	2.00	0.00	1.53	0.01	0.00
16.95	2.00	0.00	1.52	0.01	0.00	16.96	2.00	0.00	1.52	0.01	0.00
16.97	2.00	0.00	1.51	0.01	0.00	16.98	2.00	0.00	1.51	0.01	0.00
16.99	2.00	0.00	1.50	0.01	0.00	17.00	2.00	0.00	1.50	0.01	0.00
17.01	2.00	0.00	1.50	0.01	0.00	17.02	2.00	0.00	1.49	0.01	0.00
17.03	2.00	0.00	1.49	0.01	0.00	17.04	2.00	0.00	1.48	0.01	0.00
17.05	2.00	0.00	1.48	0.01	0.00	17.06	2.00	0.00	1.47	0.01	0.00
17.07	2.00	0.00	1.47	0.01	0.00	17.08	2.00	0.00	1.46	0.01	0.00
17.09	2.00	0.00	1.46	0.01	0.00	17.10	2.00	0.00	1.45	0.01	0.00
17.11	2.00	0.00	1.45	0.01	0.00	17.12	2.00	0.00	1.44	0.01	0.00
17.13	2.00	0.00	1.44	0.01	0.00	17.14	2.00	0.00	1.43	0.01	0.00
17.15	2.00	0.00	1.43	0.01	0.00	17.16	2.00	0.00	1.42	0.01	0.00
17.17	2.00	0.00	1.42	0.01	0.00	17.18	2.00	0.00	1.41	0.01	0.00
17.19	2.00	0.00	1.41	0.01	0.00	17.20	2.00	0.00	1.40	0.01	0.00
17.21	2.00	0.00	1.40	0.01	0.00	17.22	2.00	0.00	1.39	0.01	0.00
17.23	2.00	0.00	1.39	0.01	0.00	17.24	2.00	0.00	1.38	0.01	0.00
17.25	2.00	0.00	1.38	0.01	0.00	17.26	2.00	0.00	1.37	0.01	0.00
17.27	2.00	0.00	1.36	0.01	0.00	17.28	2.00	0.00	1.36	0.01	0.00
17.29	2.00	0.00	1.35	0.01	0.00	17.30	2.00	0.00	1.35	0.01	0.00
17.31	2.00	0.00	1.34	0.01	0.00	17.32	2.00	0.00	1.34	0.01	0.00
17.33	2.00	0.00	1.33	0.01	0.00	17.34	2.00	0.00	1.33	0.01	0.00
17.35	2.00	0.00	1.32	0.01	0.00	17.36	2.00	0.00	1.32	0.01	0.00
17.37	2.00	0.00	1.31	0.01	0.00	17.38	2.00	0.00	1.31	0.01	0.00
17.39	2.00	0.00	1.30	0.01	0.00	17.40	2.00	0.00	1.30	0.01	0.00
17.41	2.00	0.00	1.29	0.01	0.00	17.42	2.00	0.00	1.29	0.01	0.00
17.43	2.00	0.00	1.28	0.01	0.00	17.44	2.00	0.00	1.28	0.01	0.00
17.45	2.00	0.00	1.27	0.01	0.00	17.46	2.00	0.00	1.27	0.01	0.00
17.47	2.00	0.00	1.26	0.01	0.00	17.48	2.00	0.00	1.26	0.01	0.00
17.49	2.00	0.00	1.25	0.01	0.00	17.50	2.00	0.00	1.25	0.01	0.00
17.51	2.00	0.00	1.25	0.01	0.00	17.52	2.00	0.00	1.24	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.53	2.00	0.00	1.24	0.01	0.00	17.54	2.00	0.00	1.23	0.01	0.00
17.55	2.00	0.00	1.23	0.01	0.00	17.56	2.00	0.00	1.22	0.01	0.00
17.57	2.00	0.00	1.22	0.01	0.00	17.58	2.00	0.00	1.21	0.01	0.00
17.59	2.00	0.00	1.21	0.01	0.00	17.60	2.00	0.00	1.20	0.01	0.00
17.61	2.00	0.00	1.20	0.01	0.00	17.62	2.00	0.00	1.19	0.01	0.00
17.63	2.00	0.00	1.19	0.01	0.00	17.64	2.00	0.00	1.18	0.01	0.00
17.65	2.00	0.00	1.18	0.01	0.00	17.66	2.00	0.00	1.17	0.01	0.00
17.67	2.00	0.00	1.17	0.01	0.00	17.68	2.00	0.00	1.16	0.01	0.00
17.69	2.00	0.00	1.16	0.01	0.00	17.70	2.00	0.00	1.15	0.01	0.00
17.71	2.00	0.00	1.15	0.01	0.00	17.72	2.00	0.00	1.14	0.01	0.00
17.73	2.00	0.00	1.14	0.01	0.00	17.74	2.00	0.00	1.13	0.01	0.00
17.75	2.00	0.00	1.13	0.01	0.00	17.76	2.00	0.00	1.12	0.01	0.00
17.77	2.00	0.00	1.11	0.01	0.00	17.78	2.00	0.00	1.11	0.01	0.00
17.79	2.00	0.00	1.10	0.01	0.00	17.80	2.00	0.00	1.10	0.01	0.00
17.81	2.00	0.00	1.09	0.01	0.00	17.82	2.00	0.00	1.09	0.01	0.00
17.83	2.00	0.00	1.08	0.01	0.00	17.84	2.00	0.00	1.08	0.01	0.00
17.85	2.00	0.00	1.07	0.01	0.00	17.86	2.00	0.00	1.07	0.01	0.00
17.87	2.00	0.00	1.06	0.01	0.00	17.88	2.00	0.00	1.06	0.01	0.00
17.89	2.00	0.00	1.05	0.01	0.00	17.90	2.00	0.00	1.05	0.01	0.00
17.91	2.00	0.00	1.04	0.01	0.00	17.92	2.00	0.00	1.04	0.01	0.00
17.93	2.00	0.00	1.03	0.01	0.00	17.94	2.00	0.00	1.03	0.01	0.00
17.95	2.00	0.00	1.02	0.01	0.00	17.96	2.00	0.00	1.02	0.01	0.00
17.97	2.00	0.00	1.01	0.01	0.00	17.98	2.00	0.00	1.01	0.01	0.00
17.99	2.00	0.00	1.00	0.01	0.00	18.00	2.00	0.00	1.00	0.01	0.00
18.01	2.00	0.00	0.99	0.01	0.00	18.02	2.00	0.00	0.99	0.01	0.00
18.03	2.00	0.00	0.98	0.01	0.00	18.04	2.00	0.00	0.98	0.01	0.00
18.05	2.00	0.00	0.97	0.01	0.00	18.06	2.00	0.00	0.97	0.01	0.00
18.07	2.00	0.00	0.96	0.01	0.00	18.08	2.00	0.00	0.96	0.01	0.00
18.09	2.00	0.00	0.95	0.01	0.00	18.10	2.00	0.00	0.95	0.01	0.00
18.11	2.00	0.00	0.94	0.01	0.00	18.12	2.00	0.00	0.94	0.01	0.00
18.13	2.00	0.00	0.94	0.01	0.00	18.14	2.00	0.00	0.93	0.01	0.00
18.15	2.00	0.00	0.93	0.01	0.00	18.16	2.00	0.00	0.92	0.01	0.00
18.17	2.00	0.00	0.91	0.01	0.00	18.18	2.00	0.00	0.91	0.01	0.00
18.19	2.00	0.00	0.90	0.01	0.00	18.20	2.00	0.00	0.90	0.01	0.00
18.21	2.00	0.00	0.90	0.01	0.00	18.22	2.00	0.00	0.89	0.01	0.00
18.23	2.00	0.00	0.89	0.01	0.00	18.24	2.00	0.00	0.88	0.01	0.00
18.25	2.00	0.00	0.88	0.01	0.00	18.26	2.00	0.00	0.87	0.01	0.00
18.27	2.00	0.00	0.86	0.01	0.00	18.28	2.00	0.00	0.86	0.01	0.00
18.29	2.00	0.00	0.85	0.01	0.00	18.30	2.00	0.00	0.85	0.01	0.00
18.31	2.00	0.00	0.85	0.01	0.00	18.32	2.00	0.00	0.84	0.01	0.00
18.33	2.00	0.00	0.84	0.01	0.00	18.34	2.00	0.00	0.83	0.01	0.00
18.35	2.00	0.00	0.82	0.01	0.00	18.36	2.00	0.00	0.82	0.01	0.00
18.37	2.00	0.00	0.81	0.01	0.00	18.38	2.00	0.00	0.81	0.01	0.00
18.39	2.00	0.00	0.81	0.01	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
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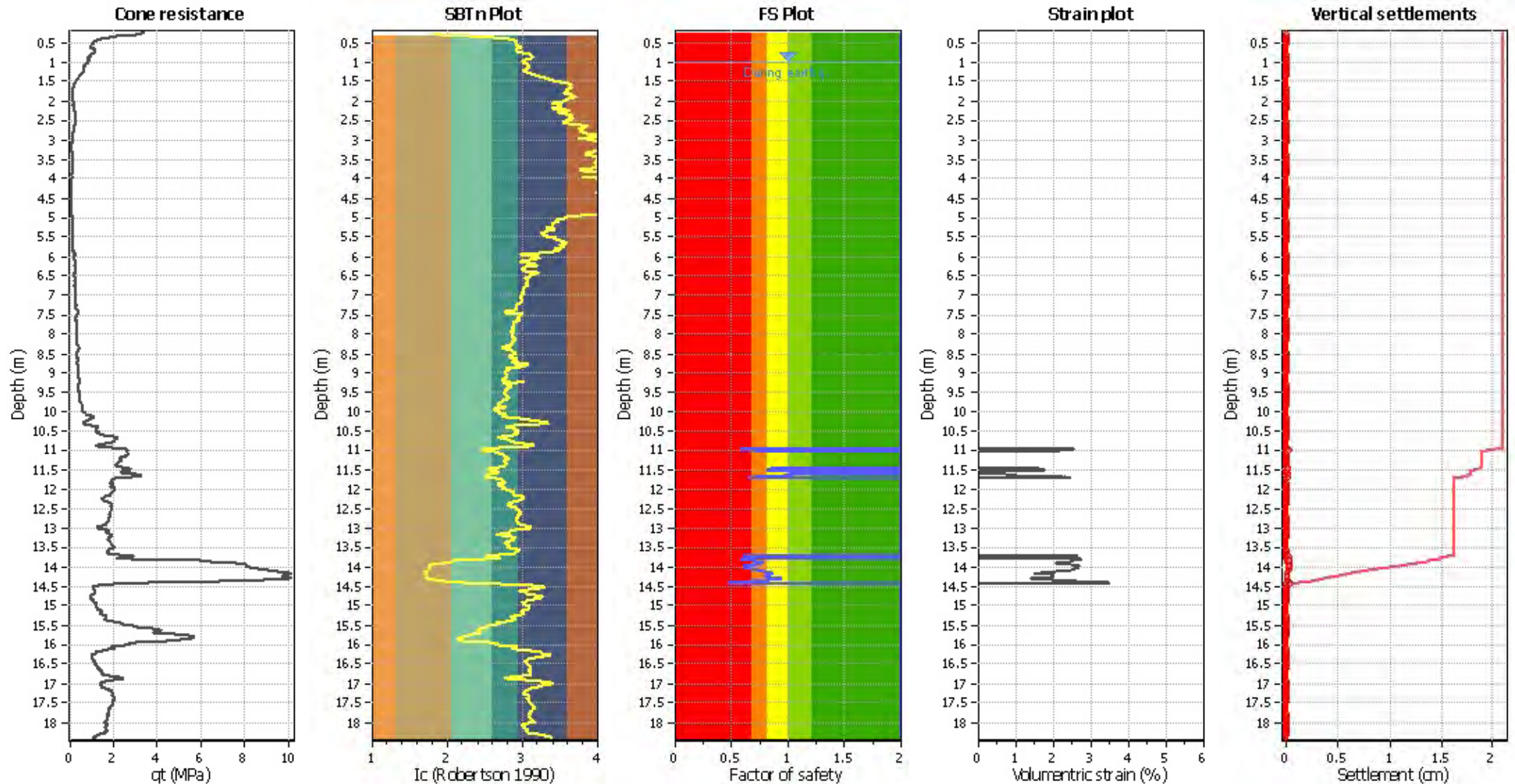
**Overall liquefaction potential: 0.82**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	93.60	2.00	0.00	1.00	0.00	1.01	93.35	2.00	0.00	1.00	0.00
1.02	93.19	2.00	0.00	1.00	0.00	1.03	92.30	2.00	0.00	1.00	0.00
1.04	90.93	2.00	0.00	1.00	0.00	1.05	89.45	2.00	0.00	1.00	0.00
1.06	88.75	2.00	0.00	1.00	0.00	1.07	88.03	2.00	0.00	1.00	0.00
1.08	86.30	2.00	0.00	1.00	0.00	1.09	84.42	2.00	0.00	1.00	0.00
1.10	82.78	2.00	0.00	1.00	0.00	1.11	81.86	2.00	0.00	1.00	0.00
1.12	80.63	2.00	0.00	1.00	0.00	1.13	78.85	2.00	0.00	1.00	0.00
1.14	77.34	2.00	0.00	1.00	0.00	1.15	76.04	2.00	0.00	1.00	0.00
1.16	75.08	2.00	0.00	1.00	0.00	1.17	74.20	2.00	0.00	1.00	0.00
1.18	73.61	2.00	0.00	1.00	0.00	1.19	73.61	2.00	0.00	1.00	0.00
1.20	73.79	2.00	0.00	1.00	0.00	1.21	73.88	2.00	0.00	1.00	0.00
1.22	73.87	2.00	0.00	1.00	0.00	1.23	73.64	2.00	0.00	1.00	0.00
1.24	73.33	2.00	0.00	1.00	0.00	1.25	72.65	2.00	0.00	1.00	0.00
1.26	72.28	2.00	0.00	1.00	0.00	1.27	72.35	2.00	0.00	1.00	0.00
1.28	72.64	2.00	0.00	1.00	0.00	1.29	72.64	2.00	0.00	1.00	0.00
1.30	72.02	2.00	0.00	1.00	0.00	1.31	71.36	2.00	0.00	1.00	0.00
1.32	70.64	2.00	0.00	1.00	0.00	1.33	70.14	2.00	0.00	1.00	0.00
1.34	69.78	2.00	0.00	1.00	0.00	1.35	69.69	2.00	0.00	1.00	0.00
1.36	69.46	2.00	0.00	1.00	0.00	1.37	68.96	2.00	0.00	1.00	0.00
1.38	68.32	2.00	0.00	1.00	0.00	1.39	67.65	2.00	0.00	1.00	0.00
1.40	66.98	2.00	0.00	1.00	0.00	1.41	66.10	2.00	0.00	1.00	0.00
1.42	65.29	2.00	0.00	1.00	0.00	1.43	64.42	2.00	0.00	1.00	0.00
1.44	63.71	2.00	0.00	1.00	0.00	1.45	62.92	2.00	0.00	1.00	0.00
1.46	62.34	2.00	0.00	1.00	0.00	1.47	61.39	2.00	0.00	1.00	0.00
1.48	60.33	2.00	0.00	1.00	0.00	1.49	59.09	2.00	0.00	1.00	0.00
1.50	57.97	2.00	0.00	1.00	0.00	1.51	56.94	2.00	0.00	1.00	0.00
1.52	55.58	2.00	0.00	1.00	0.00	1.53	54.24	2.00	0.00	1.00	0.00
1.54	52.84	2.00	0.00	1.00	0.00	1.55	51.92	2.00	0.00	1.00	0.00
1.56	51.07	2.00	0.00	1.00	0.00	1.57	50.40	2.00	0.00	1.00	0.00
1.58	49.74	2.00	0.00	1.00	0.00	1.59	49.21	2.00	0.00	1.00	0.00
1.60	48.69	2.00	0.00	1.00	0.00	1.61	47.70	2.00	0.00	1.00	0.00
1.62	46.76	2.00	0.00	1.00	0.00	1.63	45.94	2.00	0.00	1.00	0.00
1.64	45.21	2.00	0.00	1.00	0.00	1.65	44.40	2.00	0.00	1.00	0.00
1.66	43.40	2.00	0.00	1.00	0.00	1.67	42.75	2.00	0.00	1.00	0.00
1.68	42.04	2.00	0.00	1.00	0.00	1.69	41.17	2.00	0.00	1.00	0.00
1.70	40.37	2.00	0.00	1.00	0.00	1.71	39.84	2.00	0.00	1.00	0.00
1.72	39.81	2.00	0.00	1.00	0.00	1.73	39.72	2.00	0.00	1.00	0.00
1.74	39.99	2.00	0.00	1.00	0.00	1.75	40.16	2.00	0.00	1.00	0.00
1.76	40.38	2.00	0.00	1.00	0.00	1.77	40.37	2.00	0.00	1.00	0.00
1.78	39.96	2.00	0.00	1.00	0.00	1.79	39.68	2.00	0.00	1.00	0.00
1.80	39.26	2.00	0.00	1.00	0.00	1.81	39.20	2.00	0.00	1.00	0.00
1.82	38.94	2.00	0.00	1.00	0.00	1.83	38.60	2.00	0.00	1.00	0.00
1.84	38.31	2.00	0.00	1.00	0.00	1.85	38.15	2.00	0.00	1.00	0.00
1.86	37.79	2.00	0.00	1.00	0.00	1.87	37.22	2.00	0.00	1.00	0.00
1.88	36.50	2.00	0.00	1.00	0.00	1.89	35.93	2.00	0.00	1.00	0.00
1.90	35.95	2.00	0.00	1.00	0.00	1.91	36.25	2.00	0.00	1.00	0.00
1.92	36.53	2.00	0.00	1.00	0.00	1.93	34.79	2.00	0.00	1.00	0.00
1.94	33.27	2.00	0.00	1.00	0.00	1.95	31.47	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	31.43	2.00	0.00	1.00	0.00	1.97	31.10	2.00	0.00	1.00	0.00
1.98	30.86	2.00	0.00	1.00	0.00	1.99	31.22	2.00	0.00	1.00	0.00
2.00	31.60	2.00	0.00	1.00	0.00	2.01	32.20	2.00	0.00	1.00	0.00
2.02	32.56	2.00	0.00	1.00	0.00	2.03	32.94	2.00	0.00	1.00	0.00
2.04	33.23	2.00	0.00	1.00	0.00	2.05	33.42	2.00	0.00	1.00	0.00
2.06	33.63	2.00	0.00	1.00	0.00	2.07	33.75	2.00	0.00	1.00	0.00
2.08	34.09	2.00	0.00	1.00	0.00	2.09	34.47	2.00	0.00	1.00	0.00
2.10	34.74	2.00	0.00	1.00	0.00	2.11	34.82	2.00	0.00	1.00	0.00
2.12	34.94	2.00	0.00	1.00	0.00	2.13	35.35	2.00	0.00	1.00	0.00
2.14	35.65	2.00	0.00	1.00	0.00	2.15	35.95	2.00	0.00	1.00	0.00
2.16	36.43	2.00	0.00	1.00	0.00	2.17	37.15	2.00	0.00	1.00	0.00
2.18	37.76	2.00	0.00	1.00	0.00	2.19	38.51	2.00	0.00	1.00	0.00
2.20	39.34	2.00	0.00	1.00	0.00	2.21	40.16	2.00	0.00	1.00	0.00
2.22	40.84	2.00	0.00	1.00	0.00	2.23	41.65	2.00	0.00	1.00	0.00
2.24	42.92	2.00	0.00	1.00	0.00	2.25	44.68	2.00	0.00	1.00	0.00
2.26	46.72	2.00	0.00	1.00	0.00	2.27	49.14	2.00	0.00	1.00	0.00
2.28	51.49	2.00	0.00	1.00	0.00	2.29	53.57	2.00	0.00	1.00	0.00
2.30	55.50	2.00	0.00	1.00	0.00	2.31	56.92	2.00	0.00	1.00	0.00
2.32	58.21	2.00	0.00	1.00	0.00	2.33	59.22	2.00	0.00	1.00	0.00
2.34	60.29	2.00	0.00	1.00	0.00	2.35	61.57	2.00	0.00	1.00	0.00
2.36	62.70	2.00	0.00	1.00	0.00	2.37	64.22	2.00	0.00	1.00	0.00
2.38	65.59	2.00	0.00	1.00	0.00	2.39	67.03	2.00	0.00	1.00	0.00
2.40	68.03	2.00	0.00	1.00	0.00	2.41	68.51	2.00	0.00	1.00	0.00
2.42	68.44	2.00	0.00	1.00	0.00	2.43	67.99	2.00	0.00	1.00	0.00
2.44	67.64	2.00	0.00	1.00	0.00	2.45	67.49	2.00	0.00	1.00	0.00
2.46	67.51	2.00	0.00	1.00	0.00	2.47	67.37	2.00	0.00	1.00	0.00
2.48	67.10	2.00	0.00	1.00	0.00	2.49	66.88	2.00	0.00	1.00	0.00
2.50	66.74	2.00	0.00	1.00	0.00	2.51	66.73	2.00	0.00	1.00	0.00
2.52	66.76	2.00	0.00	1.00	0.00	2.53	67.00	2.00	0.00	1.00	0.00
2.54	67.20	2.00	0.00	1.00	0.00	2.55	67.43	2.00	0.00	1.00	0.00
2.56	67.35	2.00	0.00	1.00	0.00	2.57	67.58	2.00	0.00	1.00	0.00
2.58	67.53	2.00	0.00	1.00	0.00	2.59	67.30	2.00	0.00	1.00	0.00
2.60	66.30	2.00	0.00	1.00	0.00	2.61	65.33	2.00	0.00	1.00	0.00
2.62	64.46	2.00	0.00	1.00	0.00	2.63	64.07	2.00	0.00	1.00	0.00
2.64	62.73	2.00	0.00	1.00	0.00	2.65	61.61	2.00	0.00	1.00	0.00
2.66	60.30	2.00	0.00	1.00	0.00	2.67	59.76	2.00	0.00	1.00	0.00
2.68	58.82	2.00	0.00	1.00	0.00	2.69	57.72	2.00	0.00	1.00	0.00
2.70	56.85	2.00	0.00	1.00	0.00	2.71	55.75	2.00	0.00	1.00	0.00
2.72	54.75	2.00	0.00	1.00	0.00	2.73	53.17	2.00	0.00	1.00	0.00
2.74	51.91	2.00	0.00	1.00	0.00	2.75	50.65	2.00	0.00	1.00	0.00
2.76	49.53	2.00	0.00	1.00	0.00	2.77	48.74	2.00	0.00	1.00	0.00
2.78	48.06	2.00	0.00	1.00	0.00	2.79	47.70	2.00	0.00	1.00	0.00
2.80	47.50	2.00	0.00	1.00	0.00	2.81	46.93	2.00	0.00	1.00	0.00
2.82	46.02	2.00	0.00	1.00	0.00	2.83	44.88	2.00	0.00	1.00	0.00
2.84	44.42	2.00	0.00	1.00	0.00	2.85	43.34	2.00	0.00	1.00	0.00
2.86	42.16	2.00	0.00	1.00	0.00	2.87	39.48	2.00	0.00	1.00	0.00
2.88	37.94	2.00	0.00	1.00	0.00	2.89	37.90	2.00	0.00	1.00	0.00
2.90	40.21	2.00	0.00	1.00	0.00	2.91	41.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.34	2.00	0.00	1.00	0.00	2.93	42.12	2.00	0.00	1.00	0.00
2.94	41.99	2.00	0.00	1.00	0.00	2.95	40.74	2.00	0.00	1.00	0.00
2.96	38.78	2.00	0.00	1.00	0.00	2.97	36.56	2.00	0.00	1.00	0.00
2.98	35.13	2.00	0.00	1.00	0.00	2.99	33.87	2.00	0.00	1.00	0.00
3.00	33.09	2.00	0.00	1.00	0.00	3.01	32.33	2.00	0.00	1.00	0.00
3.02	32.12	2.00	0.00	1.00	0.00	3.03	32.11	2.00	0.00	1.00	0.00
3.04	31.01	2.00	0.00	1.00	0.00	3.05	28.93	2.00	0.00	1.00	0.00
3.06	25.85	2.00	0.00	1.00	0.00	3.07	25.79	2.00	0.00	1.00	0.00
3.08	25.73	2.00	0.00	1.00	0.00	3.09	25.66	2.00	0.00	1.00	0.00
3.10	25.60	2.00	0.00	1.00	0.00	3.11	25.54	2.00	0.00	1.00	0.00
3.12	25.48	2.00	0.00	1.00	0.00	3.13	23.90	2.00	0.00	1.00	0.00
3.14	22.31	2.00	0.00	1.00	0.00	3.15	19.21	2.00	0.00	1.00	0.00
3.16	17.63	2.00	0.00	1.00	0.00	3.17	16.05	2.00	0.00	1.00	0.00
3.18	17.51	2.00	0.00	1.00	0.00	3.19	18.96	2.00	0.00	1.00	0.00
3.20	21.93	2.00	0.00	1.00	0.00	3.21	23.37	2.00	0.00	1.00	0.00
3.22	23.30	2.00	0.00	1.00	0.00	3.23	21.72	2.00	0.00	1.00	0.00
3.24	20.14	2.00	0.00	1.00	0.00	3.25	21.59	2.00	0.00	1.00	0.00
3.26	23.03	2.00	0.00	1.00	0.00	3.27	24.43	2.00	0.00	1.00	0.00
3.28	24.38	2.00	0.00	1.00	0.00	3.29	25.42	2.00	0.00	1.00	0.00
3.30	26.29	2.00	0.00	1.00	0.00	3.31	27.08	2.00	0.00	1.00	0.00
3.32	27.19	2.00	0.00	1.00	0.00	3.33	27.43	2.00	0.00	1.00	0.00
3.34	28.23	2.00	0.00	1.00	0.00	3.35	29.09	2.00	0.00	1.00	0.00
3.36	30.11	2.00	0.00	1.00	0.00	3.37	30.59	2.00	0.00	1.00	0.00
3.38	31.40	2.00	0.00	1.00	0.00	3.39	31.67	2.00	0.00	1.00	0.00
3.40	32.29	2.00	0.00	1.00	0.00	3.41	32.38	2.00	0.00	1.00	0.00
3.42	32.84	2.00	0.00	1.00	0.00	3.43	33.38	2.00	0.00	1.00	0.00
3.44	34.03	2.00	0.00	1.00	0.00	3.45	34.75	2.00	0.00	1.00	0.00
3.46	35.24	2.00	0.00	1.00	0.00	3.47	35.69	2.00	0.00	1.00	0.00
3.48	36.17	2.00	0.00	1.00	0.00	3.49	36.52	2.00	0.00	1.00	0.00
3.50	36.67	2.00	0.00	1.00	0.00	3.51	36.61	2.00	0.00	1.00	0.00
3.52	36.56	2.00	0.00	1.00	0.00	3.53	36.50	2.00	0.00	1.00	0.00
3.54	37.11	2.00	0.00	1.00	0.00	3.55	37.40	2.00	0.00	1.00	0.00
3.56	37.68	2.00	0.00	1.00	0.00	3.57	37.52	2.00	0.00	1.00	0.00
3.58	37.30	2.00	0.00	1.00	0.00	3.59	36.98	2.00	0.00	1.00	0.00
3.60	36.10	2.00	0.00	1.00	0.00	3.61	35.25	2.00	0.00	1.00	0.00
3.62	34.36	2.00	0.00	1.00	0.00	3.63	34.00	2.00	0.00	1.00	0.00
3.64	33.63	2.00	0.00	1.00	0.00	3.65	33.35	2.00	0.00	1.00	0.00
3.66	33.07	2.00	0.00	1.00	0.00	3.67	32.83	2.00	0.00	1.00	0.00
3.68	32.61	2.00	0.00	1.00	0.00	3.69	32.42	2.00	0.00	1.00	0.00
3.70	32.17	2.00	0.00	1.00	0.00	3.71	32.38	2.00	0.00	1.00	0.00
3.72	32.90	2.00	0.00	1.00	0.00	3.73	33.24	2.00	0.00	1.00	0.00
3.74	33.12	2.00	0.00	1.00	0.00	3.75	33.31	2.00	0.00	1.00	0.00
3.76	33.27	2.00	0.00	1.00	0.00	3.77	33.44	2.00	0.00	1.00	0.00
3.78	32.59	2.00	0.00	1.00	0.00	3.79	32.14	2.00	0.00	1.00	0.00
3.80	31.42	2.00	0.00	1.00	0.00	3.81	31.29	2.00	0.00	1.00	0.00
3.82	30.48	2.00	0.00	1.00	0.00	3.83	29.72	2.00	0.00	1.00	0.00
3.84	28.86	2.00	0.00	1.00	0.00	3.85	26.97	2.00	0.00	1.00	0.00
3.86	23.88	2.00	0.00	1.00	0.00	3.87	19.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	17.70	2.00	0.00	1.00	0.00	3.89	16.13	2.00	0.00	1.00	0.00
3.90	16.06	2.00	0.00	1.00	0.00	3.91	15.99	2.00	0.00	1.00	0.00
3.92	15.92	2.00	0.00	1.00	0.00	3.93	21.74	2.00	0.00	1.00	0.00
3.94	25.07	2.00	0.00	1.00	0.00	3.95	24.53	2.00	0.00	1.00	0.00
3.96	23.62	2.00	0.00	1.00	0.00	3.97	22.73	2.00	0.00	1.00	0.00
3.98	21.69	2.00	0.00	1.00	0.00	3.99	20.97	2.00	0.00	1.00	0.00
4.00	19.71	2.00	0.00	1.00	0.00	4.01	19.61	2.00	0.00	1.00	0.00
4.02	19.20	2.00	0.00	1.00	0.00	4.03	18.04	2.00	0.00	1.00	0.00
4.04	16.47	2.00	0.00	1.00	0.00	4.05	14.90	2.00	0.00	1.00	0.00
4.06	13.33	2.00	0.00	1.00	0.00	4.07	11.75	2.00	0.00	1.00	0.00
4.08	10.18	2.00	0.00	1.00	0.00	4.09	10.12	2.00	0.00	1.00	0.00
4.10	10.07	2.00	0.00	1.00	0.00	4.11	11.52	2.00	0.00	1.00	0.00
4.12	12.97	2.00	0.00	1.00	0.00	4.13	14.42	2.00	0.00	1.00	0.00
4.14	14.36	2.00	0.00	1.00	0.00	4.15	14.30	2.00	0.00	1.00	0.00
4.16	14.24	2.00	0.00	1.00	0.00	4.17	14.17	2.00	0.00	1.00	0.00
4.18	14.11	2.00	0.00	1.00	0.00	4.19	12.53	2.00	0.00	1.00	0.00
4.20	10.96	2.00	0.00	1.00	0.00	4.21	9.38	2.00	0.00	1.00	0.00
4.22	9.30	2.00	0.00	1.00	0.00	4.23	9.23	2.00	0.00	1.00	0.00
4.24	9.16	2.00	0.00	1.00	0.00	4.25	9.11	2.00	0.00	1.00	0.00
4.26	10.56	2.00	0.00	1.00	0.00	4.27	12.02	2.00	0.00	1.00	0.00
4.28	13.48	2.00	0.00	1.00	0.00	4.29	13.44	2.00	0.00	1.00	0.00
4.30	13.39	2.00	0.00	1.00	0.00	4.31	13.34	2.00	0.00	1.00	0.00
4.32	13.28	2.00	0.00	1.00	0.00	4.33	13.23	2.00	0.00	1.00	0.00
4.34	13.17	2.00	0.00	1.00	0.00	4.35	14.32	2.00	0.00	1.00	0.00
4.36	14.84	2.00	0.00	1.00	0.00	4.37	14.69	2.00	0.00	1.00	0.00
4.38	13.93	2.00	0.00	1.00	0.00	4.39	12.88	2.00	0.00	1.00	0.00
4.40	12.81	2.00	0.00	1.00	0.00	4.41	12.74	2.00	0.00	1.00	0.00
4.42	12.68	2.00	0.00	1.00	0.00	4.43	12.61	2.00	0.00	1.00	0.00
4.44	12.55	2.00	0.00	1.00	0.00	4.45	10.98	2.00	0.00	1.00	0.00
4.46	9.41	2.00	0.00	1.00	0.00	4.47	9.35	2.00	0.00	1.00	0.00
4.48	10.80	2.00	0.00	1.00	0.00	4.49	12.13	2.00	0.00	1.00	0.00
4.50	11.94	2.00	0.00	1.00	0.00	4.51	11.87	2.00	0.00	1.00	0.00
4.52	11.84	2.00	0.00	1.00	0.00	4.53	11.82	2.00	0.00	1.00	0.00
4.54	11.90	2.00	0.00	1.00	0.00	4.55	11.88	2.00	0.00	1.00	0.00
4.56	11.82	2.00	0.00	1.00	0.00	4.57	11.76	2.00	0.00	1.00	0.00
4.58	11.69	2.00	0.00	1.00	0.00	4.59	11.60	2.00	0.00	1.00	0.00
4.60	11.52	2.00	0.00	1.00	0.00	4.61	11.51	2.00	0.00	1.00	0.00
4.62	11.44	2.00	0.00	1.00	0.00	4.63	11.38	2.00	0.00	1.00	0.00
4.64	9.81	2.00	0.00	1.00	0.00	4.65	9.75	2.00	0.00	1.00	0.00
4.66	9.69	2.00	0.00	1.00	0.00	4.67	11.14	2.00	0.00	1.00	0.00
4.68	9.57	2.00	0.00	1.00	0.00	4.69	8.00	2.00	0.00	1.00	0.00
4.70	6.43	2.00	0.00	1.00	0.00	4.71	6.36	2.00	0.00	1.00	0.00
4.72	6.31	2.00	0.00	1.00	0.00	4.73	6.25	2.00	0.00	1.00	0.00
4.74	6.19	2.00	0.00	1.00	0.00	4.75	6.13	2.00	0.00	1.00	0.00
4.76	6.07	2.00	0.00	1.00	0.00	4.77	6.01	2.00	0.00	1.00	0.00
4.78	5.95	2.00	0.00	1.00	0.00	4.79	7.39	2.00	0.00	1.00	0.00
4.80	8.83	2.00	0.00	1.00	0.00	4.81	10.28	2.00	0.00	1.00	0.00
4.82	8.72	2.00	0.00	1.00	0.00	4.83	8.67	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	8.61	2.00	0.00	1.00	0.00	4.85	10.06	2.00	0.00	1.00	0.00
4.86	10.01	2.00	0.00	1.00	0.00	4.87	9.95	2.00	0.00	1.00	0.00
4.88	9.89	2.00	0.00	1.00	0.00	4.89	9.83	2.00	0.00	1.00	0.00
4.90	9.78	2.00	0.00	1.00	0.00	4.91	9.72	2.00	0.00	1.00	0.00
4.92	9.66	2.00	0.00	1.00	0.00	4.93	10.83	2.00	0.00	1.00	0.00
4.94	11.38	2.00	0.00	1.00	0.00	4.95	11.46	2.00	0.00	1.00	0.00
4.96	11.89	2.00	0.00	1.00	0.00	4.97	11.89	2.00	0.00	1.00	0.00
4.98	12.28	2.00	0.00	1.00	0.00	4.99	12.64	2.00	0.00	1.00	0.00
5.00	13.09	2.00	0.00	1.00	0.00	5.01	13.09	2.00	0.00	1.00	0.00
5.02	13.09	2.00	0.00	1.00	0.00	5.03	13.31	2.00	0.00	1.00	0.00
5.04	13.62	2.00	0.00	1.00	0.00	5.05	13.92	2.00	0.00	1.00	0.00
5.06	13.91	2.00	0.00	1.00	0.00	5.07	13.90	2.00	0.00	1.00	0.00
5.08	13.90	2.00	0.00	1.00	0.00	5.09	13.89	2.00	0.00	1.00	0.00
5.10	13.88	2.00	0.00	1.00	0.00	5.11	13.87	2.00	0.00	1.00	0.00
5.12	13.87	2.00	0.00	1.00	0.00	5.13	14.14	2.00	0.00	1.00	0.00
5.14	14.41	2.00	0.00	1.00	0.00	5.15	14.58	2.00	0.00	1.00	0.00
5.16	14.52	2.00	0.00	1.00	0.00	5.17	14.57	2.00	0.00	1.00	0.00
5.18	14.56	2.00	0.00	1.00	0.00	5.19	14.55	2.00	0.00	1.00	0.00
5.20	14.55	2.00	0.00	1.00	0.00	5.21	14.54	2.00	0.00	1.00	0.00
5.22	14.53	2.00	0.00	1.00	0.00	5.23	14.52	2.00	0.00	1.00	0.00
5.24	14.51	2.00	0.00	1.00	0.00	5.25	14.50	2.00	0.00	1.00	0.00
5.26	15.08	2.00	0.00	1.00	0.00	5.27	15.36	2.00	0.00	1.00	0.00
5.28	15.63	2.00	0.00	1.00	0.00	5.29	15.35	2.00	0.00	1.00	0.00
5.30	15.66	2.00	0.00	1.00	0.00	5.31	16.68	2.00	0.00	1.00	0.00
5.32	-1.00	2.00	0.00	1.00	0.00	5.33	-1.00	2.00	0.00	1.00	0.00
5.34	16.65	2.00	0.00	1.00	0.00	5.35	15.93	2.00	0.00	1.00	0.00
5.36	16.11	2.00	0.00	1.00	0.00	5.37	16.39	2.00	0.00	1.00	0.00
5.38	16.54	2.00	0.00	1.00	0.00	5.39	16.61	2.00	0.00	1.00	0.00
5.40	16.85	2.00	0.00	1.00	0.00	5.41	17.14	2.00	0.00	1.00	0.00
5.42	17.44	2.00	0.00	1.00	0.00	5.43	17.53	2.00	0.00	1.00	0.00
5.44	17.70	2.00	0.00	1.00	0.00	5.45	17.87	2.00	0.00	1.00	0.00
5.46	18.23	2.00	0.00	1.00	0.00	5.47	18.58	2.00	0.00	1.00	0.00
5.48	18.83	2.00	0.00	1.00	0.00	5.49	19.05	2.00	0.00	1.00	0.00
5.50	19.23	2.00	0.00	1.00	0.00	5.51	19.84	2.00	0.00	1.00	0.00
5.52	20.41	2.00	0.00	1.00	0.00	5.53	20.98	2.00	0.00	1.00	0.00
5.54	21.16	2.00	0.00	1.00	0.00	5.55	21.08	2.00	0.00	1.00	0.00
5.56	20.92	2.00	0.00	1.00	0.00	5.57	20.74	2.00	0.00	1.00	0.00
5.58	20.79	2.00	0.00	1.00	0.00	5.59	20.59	2.00	0.00	1.00	0.00
5.60	20.63	2.00	0.00	1.00	0.00	5.61	20.38	2.00	0.00	1.00	0.00
5.62	20.37	2.00	0.00	1.00	0.00	5.63	20.21	2.00	0.00	1.00	0.00
5.64	20.26	2.00	0.00	1.00	0.00	5.65	20.20	2.00	0.00	1.00	0.00
5.66	19.87	2.00	0.00	1.00	0.00	5.67	19.53	2.00	0.00	1.00	0.00
5.68	19.29	2.00	0.00	1.00	0.00	5.69	19.48	2.00	0.00	1.00	0.00
5.70	19.77	2.00	0.00	1.00	0.00	5.71	20.17	2.00	0.00	1.00	0.00
5.72	20.57	2.00	0.00	1.00	0.00	5.73	20.99	2.00	0.00	1.00	0.00
5.74	21.34	2.00	0.00	1.00	0.00	5.75	21.48	2.00	0.00	1.00	0.00
5.76	21.34	2.00	0.00	1.00	0.00	5.77	21.20	2.00	0.00	1.00	0.00
5.78	20.96	2.00	0.00	1.00	0.00	5.79	20.98	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.26	2.00	0.00	1.00	0.00	5.81	21.64	2.00	0.00	1.00	0.00
5.82	21.94	2.00	0.00	1.00	0.00	5.83	22.14	2.00	0.00	1.00	0.00
5.84	22.34	2.00	0.00	1.00	0.00	5.85	22.70	2.00	0.00	1.00	0.00
5.86	22.74	2.00	0.00	1.00	0.00	5.87	22.84	2.00	0.00	1.00	0.00
5.88	22.91	2.00	0.00	1.00	0.00	5.89	23.44	2.00	0.00	1.00	0.00
5.90	23.81	2.00	0.00	1.00	0.00	5.91	24.09	2.00	0.00	1.00	0.00
5.92	23.01	2.00	0.00	1.00	0.00	5.93	21.51	2.00	0.00	1.00	0.00
5.94	20.29	2.00	0.00	1.00	0.00	5.95	20.12	2.00	0.00	1.00	0.00
5.96	20.13	2.00	0.00	1.00	0.00	5.97	20.70	2.00	0.00	1.00	0.00
5.98	21.20	2.00	0.00	1.00	0.00	5.99	21.92	2.00	0.00	1.00	0.00
6.00	22.49	2.00	0.00	1.00	0.00	6.01	23.17	2.00	0.00	1.00	0.00
6.02	23.73	2.00	0.00	1.00	0.00	6.03	24.00	2.00	0.00	1.00	0.00
6.04	24.18	2.00	0.00	1.00	0.00	6.05	24.17	2.00	0.00	1.00	0.00
6.06	23.89	2.00	0.00	1.00	0.00	6.07	23.12	2.00	0.00	1.00	0.00
6.08	22.09	2.00	0.00	1.00	0.00	6.09	21.24	2.00	0.00	1.00	0.00
6.10	20.90	2.00	0.00	1.00	0.00	6.11	21.25	2.00	0.00	1.00	0.00
6.12	21.74	2.00	0.00	1.00	0.00	6.13	22.19	2.00	0.00	1.00	0.00
6.14	22.68	2.00	0.00	1.00	0.00	6.15	23.38	2.00	0.00	1.00	0.00
6.16	24.49	2.00	0.00	1.00	0.00	6.17	25.61	2.00	0.00	1.00	0.00
6.18	26.44	2.00	0.00	1.00	0.00	6.19	26.88	2.00	0.00	1.00	0.00
6.20	26.51	2.00	0.00	1.00	0.00	6.21	25.67	2.00	0.00	1.00	0.00
6.22	24.45	2.00	0.00	1.00	0.00	6.23	23.68	2.00	0.00	1.00	0.00
6.24	23.15	2.00	0.00	1.00	0.00	6.25	23.24	2.00	0.00	1.00	0.00
6.26	23.24	2.00	0.00	1.00	0.00	6.27	23.29	2.00	0.00	1.00	0.00
6.28	22.77	2.00	0.00	1.00	0.00	6.29	22.24	2.00	0.00	1.00	0.00
6.30	21.76	2.00	0.00	1.00	0.00	6.31	22.00	2.00	0.00	1.00	0.00
6.32	22.54	2.00	0.00	1.00	0.00	6.33	23.06	2.00	0.00	1.00	0.00
6.34	23.18	2.00	0.00	1.00	0.00	6.35	23.17	2.00	0.00	1.00	0.00
6.36	23.02	2.00	0.00	1.00	0.00	6.37	23.03	2.00	0.00	1.00	0.00
6.38	23.33	2.00	0.00	1.00	0.00	6.39	23.80	2.00	0.00	1.00	0.00
6.40	24.12	2.00	0.00	1.00	0.00	6.41	24.24	2.00	0.00	1.00	0.00
6.42	24.28	2.00	0.00	1.00	0.00	6.43	24.05	2.00	0.00	1.00	0.00
6.44	23.29	2.00	0.00	1.00	0.00	6.45	22.38	2.00	0.00	1.00	0.00
6.46	21.22	2.00	0.00	1.00	0.00	6.47	20.30	2.00	0.00	1.00	0.00
6.48	19.59	2.00	0.00	1.00	0.00	6.49	19.14	2.00	0.00	1.00	0.00
6.50	18.79	2.00	0.00	1.00	0.00	6.51	18.59	2.00	0.00	1.00	0.00
6.52	18.87	2.00	0.00	1.00	0.00	6.53	19.00	2.00	0.00	1.00	0.00
6.54	19.26	2.00	0.00	1.00	0.00	6.55	19.45	2.00	0.00	1.00	0.00
6.56	19.45	2.00	0.00	1.00	0.00	6.57	19.44	2.00	0.00	1.00	0.00
6.58	19.28	2.00	0.00	1.00	0.00	6.59	19.16	2.00	0.00	1.00	0.00
6.60	19.04	2.00	0.00	1.00	0.00	6.61	19.09	2.00	0.00	1.00	0.00
6.62	19.03	2.00	0.00	1.00	0.00	6.63	19.03	2.00	0.00	1.00	0.00
6.64	19.14	2.00	0.00	1.00	0.00	6.65	19.30	2.00	0.00	1.00	0.00
6.66	19.41	2.00	0.00	1.00	0.00	6.67	19.41	2.00	0.00	1.00	0.00
6.68	19.41	2.00	0.00	1.00	0.00	6.69	19.40	2.00	0.00	1.00	0.00
6.70	19.40	2.00	0.00	1.00	0.00	6.71	19.28	2.00	0.00	1.00	0.00
6.72	19.16	2.00	0.00	1.00	0.00	6.73	19.05	2.00	0.00	1.00	0.00
6.74	19.16	2.00	0.00	1.00	0.00	6.75	19.27	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	19.49	2.00	0.00	1.00	0.00	6.77	19.60	2.00	0.00	1.00	0.00
6.78	19.70	2.00	0.00	1.00	0.00	6.79	19.70	2.00	0.00	1.00	0.00
6.80	19.70	2.00	0.00	1.00	0.00	6.81	19.69	2.00	0.00	1.00	0.00
6.82	19.69	2.00	0.00	1.00	0.00	6.83	19.65	2.00	0.00	1.00	0.00
6.84	19.65	2.00	0.00	1.00	0.00	6.85	19.65	2.00	0.00	1.00	0.00
6.86	19.68	2.00	0.00	1.00	0.00	6.87	19.68	2.00	0.00	1.00	0.00
6.88	19.68	2.00	0.00	1.00	0.00	6.89	19.67	2.00	0.00	1.00	0.00
6.90	19.67	2.00	0.00	1.00	0.00	6.91	19.88	2.00	0.00	1.00	0.00
6.92	19.98	2.00	0.00	1.00	0.00	6.93	19.99	2.00	0.00	1.00	0.00
6.94	19.79	2.00	0.00	1.00	0.00	6.95	19.69	2.00	0.00	1.00	0.00
6.96	19.69	2.00	0.00	1.00	0.00	6.97	19.75	2.00	0.00	1.00	0.00
6.98	19.75	2.00	0.00	1.00	0.00	6.99	19.85	2.00	0.00	1.00	0.00
7.00	20.00	2.00	0.00	1.00	0.00	7.01	20.19	2.00	0.00	1.00	0.00
7.02	20.29	2.00	0.00	1.00	0.00	7.03	20.29	2.00	0.00	1.00	0.00
7.04	20.29	2.00	0.00	1.00	0.00	7.05	20.33	2.00	0.00	1.00	0.00
7.06	20.33	2.00	0.00	1.00	0.00	7.07	20.23	2.00	0.00	1.00	0.00
7.08	20.09	2.00	0.00	1.00	0.00	7.09	19.99	2.00	0.00	1.00	0.00
7.10	19.99	2.00	0.00	1.00	0.00	7.11	19.98	2.00	0.00	1.00	0.00
7.12	19.98	2.00	0.00	1.00	0.00	7.13	19.98	2.00	0.00	1.00	0.00
7.14	19.98	2.00	0.00	1.00	0.00	7.15	20.07	2.00	0.00	1.00	0.00
7.16	20.17	2.00	0.00	1.00	0.00	7.17	20.26	2.00	0.00	1.00	0.00
7.18	20.26	2.00	0.00	1.00	0.00	7.19	20.36	2.00	0.00	1.00	0.00
7.20	20.45	2.00	0.00	1.00	0.00	7.21	20.63	2.00	0.00	1.00	0.00
7.22	20.72	2.00	0.00	1.00	0.00	7.23	20.89	2.00	0.00	1.00	0.00
7.24	20.98	2.00	0.00	1.00	0.00	7.25	21.00	2.00	0.00	1.00	0.00
7.26	20.91	2.00	0.00	1.00	0.00	7.27	20.83	2.00	0.00	1.00	0.00
7.28	20.80	2.00	0.00	1.00	0.00	7.29	20.80	2.00	0.00	1.00	0.00
7.30	20.80	2.00	0.00	1.00	0.00	7.31	20.80	2.00	0.00	1.00	0.00
7.32	20.80	2.00	0.00	1.00	0.00	7.33	20.79	2.00	0.00	1.00	0.00
7.34	20.79	2.00	0.00	1.00	0.00	7.35	20.79	2.00	0.00	1.00	0.00
7.36	20.88	2.00	0.00	1.00	0.00	7.37	21.13	2.00	0.00	1.00	0.00
7.38	21.46	2.00	0.00	1.00	0.00	7.39	21.84	2.00	0.00	1.00	0.00
7.40	22.28	2.00	0.00	1.00	0.00	7.41	22.78	2.00	0.00	1.00	0.00
7.42	23.17	2.00	0.00	1.00	0.00	7.43	23.24	2.00	0.00	1.00	0.00
7.44	23.32	2.00	0.00	1.00	0.00	7.45	23.27	2.00	0.00	1.00	0.00
7.46	25.13	2.00	0.00	1.00	0.00	7.47	26.25	2.00	0.00	1.00	0.00
7.48	25.68	2.00	0.00	1.00	0.00	7.49	24.39	2.00	0.00	1.00	0.00
7.50	23.85	2.00	0.00	1.00	0.00	7.51	23.36	2.00	0.00	1.00	0.00
7.52	23.00	2.00	0.00	1.00	0.00	7.53	22.48	2.00	0.00	1.00	0.00
7.54	22.35	2.00	0.00	1.00	0.00	7.55	22.06	2.00	0.00	1.00	0.00
7.56	21.98	2.00	0.00	1.00	0.00	7.57	21.89	2.00	0.00	1.00	0.00
7.58	21.65	2.00	0.00	1.00	0.00	7.59	21.00	2.00	0.00	1.00	0.00
7.60	20.66	2.00	0.00	1.00	0.00	7.61	20.55	2.00	0.00	1.00	0.00
7.62	20.62	2.00	0.00	1.00	0.00	7.63	20.61	2.00	0.00	1.00	0.00
7.64	20.69	2.00	0.00	1.00	0.00	7.65	20.77	2.00	0.00	1.00	0.00
7.66	20.85	2.00	0.00	1.00	0.00	7.67	20.93	2.00	0.00	1.00	0.00
7.68	21.08	2.00	0.00	1.00	0.00	7.69	21.23	2.00	0.00	1.00	0.00
7.70	21.37	2.00	0.00	1.00	0.00	7.71	21.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	21.51	2.00	0.00	1.00	0.00	7.73	21.51	2.00	0.00	1.00	0.00
7.74	21.48	2.00	0.00	1.00	0.00	7.75	21.47	2.00	0.00	1.00	0.00
7.76	21.47	2.00	0.00	1.00	0.00	7.77	21.47	2.00	0.00	1.00	0.00
7.78	21.45	2.00	0.00	1.00	0.00	7.79	21.45	2.00	0.00	1.00	0.00
7.80	21.47	2.00	0.00	1.00	0.00	7.81	21.47	2.00	0.00	1.00	0.00
7.82	21.47	2.00	0.00	1.00	0.00	7.83	21.45	2.00	0.00	1.00	0.00
7.84	21.44	2.00	0.00	1.00	0.00	7.85	21.51	2.00	0.00	1.00	0.00
7.86	21.59	2.00	0.00	1.00	0.00	7.87	21.67	2.00	0.00	1.00	0.00
7.88	21.67	2.00	0.00	1.00	0.00	7.89	21.65	2.00	0.00	1.00	0.00
7.90	21.55	2.00	0.00	1.00	0.00	7.91	21.60	2.00	0.00	1.00	0.00
7.92	21.66	2.00	0.00	1.00	0.00	7.93	21.77	2.00	0.00	1.00	0.00
7.94	21.70	2.00	0.00	1.00	0.00	7.95	21.71	2.00	0.00	1.00	0.00
7.96	21.71	2.00	0.00	1.00	0.00	7.97	21.71	2.00	0.00	1.00	0.00
7.98	21.71	2.00	0.00	1.00	0.00	7.99	21.71	2.00	0.00	1.00	0.00
8.00	21.64	2.00	0.00	1.00	0.00	8.01	21.64	2.00	0.00	1.00	0.00
8.02	21.64	2.00	0.00	1.00	0.00	8.03	21.71	2.00	0.00	1.00	0.00
8.04	21.70	2.00	0.00	1.00	0.00	8.05	21.63	2.00	0.00	1.00	0.00
8.06	21.56	2.00	0.00	1.00	0.00	8.07	21.49	2.00	0.00	1.00	0.00
8.08	21.42	2.00	0.00	1.00	0.00	8.09	21.34	2.00	0.00	1.00	0.00
8.10	21.27	2.00	0.00	1.00	0.00	8.11	21.19	2.00	0.00	1.00	0.00
8.12	21.19	2.00	0.00	1.00	0.00	8.13	21.19	2.00	0.00	1.00	0.00
8.14	21.26	2.00	0.00	1.00	0.00	8.15	21.34	2.00	0.00	1.00	0.00
8.16	21.41	2.00	0.00	1.00	0.00	8.17	21.48	2.00	0.00	1.00	0.00
8.18	21.55	2.00	0.00	1.00	0.00	8.19	21.65	2.00	0.00	1.00	0.00
8.20	21.71	2.00	0.00	1.00	0.00	8.21	21.71	2.00	0.00	1.00	0.00
8.22	21.68	2.00	0.00	1.00	0.00	8.23	21.68	2.00	0.00	1.00	0.00
8.24	21.68	2.00	0.00	1.00	0.00	8.25	21.68	2.00	0.00	1.00	0.00
8.26	21.74	2.00	0.00	1.00	0.00	8.27	21.81	2.00	0.00	1.00	0.00
8.28	21.87	2.00	0.00	1.00	0.00	8.29	22.00	2.00	0.00	1.00	0.00
8.30	22.20	2.00	0.00	1.00	0.00	8.31	22.50	2.00	0.00	1.00	0.00
8.32	22.76	2.00	0.00	1.00	0.00	8.33	23.12	2.00	0.00	1.00	0.00
8.34	23.41	2.00	0.00	1.00	0.00	8.35	23.54	2.00	0.00	1.00	0.00
8.36	23.57	2.00	0.00	1.00	0.00	8.37	24.04	2.00	0.00	1.00	0.00
8.38	26.08	2.00	0.00	1.00	0.00	8.39	24.90	2.00	0.00	1.00	0.00
8.40	22.62	2.00	0.00	1.00	0.00	8.41	23.11	2.00	0.00	1.00	0.00
8.42	23.59	2.00	0.00	1.00	0.00	8.43	23.45	2.00	0.00	1.00	0.00
8.44	23.49	2.00	0.00	1.00	0.00	8.45	23.70	2.00	0.00	1.00	0.00
8.46	23.98	2.00	0.00	1.00	0.00	8.47	24.25	2.00	0.00	1.00	0.00
8.48	24.58	2.00	0.00	1.00	0.00	8.49	25.05	2.00	0.00	1.00	0.00
8.50	24.93	2.00	0.00	1.00	0.00	8.51	24.63	2.00	0.00	1.00	0.00
8.52	23.89	2.00	0.00	1.00	0.00	8.53	22.98	2.00	0.00	1.00	0.00
8.54	22.12	2.00	0.00	1.00	0.00	8.55	21.89	2.00	0.00	1.00	0.00
8.56	21.96	2.00	0.00	1.00	0.00	8.57	21.94	2.00	0.00	1.00	0.00
8.58	22.01	2.00	0.00	1.00	0.00	8.59	22.09	2.00	0.00	1.00	0.00
8.60	22.25	2.00	0.00	1.00	0.00	8.61	22.92	2.00	0.00	1.00	0.00
8.62	24.13	2.00	0.00	1.00	0.00	8.63	25.76	2.00	0.00	1.00	0.00
8.64	25.91	2.00	0.00	1.00	0.00	8.65	26.06	2.00	0.00	1.00	0.00
8.66	26.06	2.00	0.00	1.00	0.00	8.67	26.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	25.89	2.00	0.00	1.00	0.00	8.69	25.73	2.00	0.00	1.00	0.00
8.70	25.57	2.00	0.00	1.00	0.00	8.71	25.57	2.00	0.00	1.00	0.00
8.72	24.09	2.00	0.00	1.00	0.00	8.73	23.27	2.00	0.00	1.00	0.00
8.74	23.84	2.00	0.00	1.00	0.00	8.75	26.81	2.00	0.00	1.00	0.00
8.76	32.77	2.00	0.00	1.00	0.00	8.77	25.22	2.00	0.00	1.00	0.00
8.78	25.37	2.00	0.00	1.00	0.00	8.79	25.65	2.00	0.00	1.00	0.00
8.80	28.80	2.00	0.00	1.00	0.00	8.81	29.16	2.00	0.00	1.00	0.00
8.82	35.15	2.00	0.00	1.00	0.00	8.83	35.14	2.00	0.00	1.00	0.00
8.84	29.34	2.00	0.00	1.00	0.00	8.85	25.18	2.00	0.00	1.00	0.00
8.86	23.75	2.00	0.00	1.00	0.00	8.87	22.61	2.00	0.00	1.00	0.00
8.88	22.56	2.00	0.00	1.00	0.00	8.89	22.85	2.00	0.00	1.00	0.00
8.90	22.99	2.00	0.00	1.00	0.00	8.91	22.75	2.00	0.00	1.00	0.00
8.92	22.61	2.00	0.00	1.00	0.00	8.93	22.55	2.00	0.00	1.00	0.00
8.94	22.62	2.00	0.00	1.00	0.00	8.95	22.67	2.00	0.00	1.00	0.00
8.96	22.73	2.00	0.00	1.00	0.00	8.97	22.75	2.00	0.00	1.00	0.00
8.98	22.75	2.00	0.00	1.00	0.00	8.99	22.91	2.00	0.00	1.00	0.00
9.00	23.16	2.00	0.00	1.00	0.00	9.01	23.62	2.00	0.00	1.00	0.00
9.02	23.54	2.00	0.00	1.00	0.00	9.03	23.46	2.00	0.00	1.00	0.00
9.04	23.37	2.00	0.00	1.00	0.00	9.05	23.29	2.00	0.00	1.00	0.00
9.06	23.02	2.00	0.00	1.00	0.00	9.07	22.94	2.00	0.00	1.00	0.00
9.08	22.81	2.00	0.00	1.00	0.00	9.09	22.71	2.00	0.00	1.00	0.00
9.10	22.64	2.00	0.00	1.00	0.00	9.11	22.78	2.00	0.00	1.00	0.00
9.12	22.85	2.00	0.00	1.00	0.00	9.13	22.99	2.00	0.00	1.00	0.00
9.14	23.04	2.00	0.00	1.00	0.00	9.15	23.15	2.00	0.00	1.00	0.00
9.16	23.34	2.00	0.00	1.00	0.00	9.17	23.54	2.00	0.00	1.00	0.00
9.18	23.96	2.00	0.00	1.00	0.00	9.19	24.22	2.00	0.00	1.00	0.00
9.20	24.22	2.00	0.00	1.00	0.00	9.21	25.28	2.00	0.00	1.00	0.00
9.22	28.42	2.00	0.00	1.00	0.00	9.23	-1.00	2.00	0.00	1.00	0.00
9.24	38.51	2.00	0.00	1.00	0.00	9.25	25.70	2.00	0.00	1.00	0.00
9.26	23.46	2.00	0.00	1.00	0.00	9.27	23.04	2.00	0.00	1.00	0.00
9.28	23.19	2.00	0.00	1.00	0.00	9.29	23.77	2.00	0.00	1.00	0.00
9.30	24.53	2.00	0.00	1.00	0.00	9.31	25.18	2.00	0.00	1.00	0.00
9.32	25.57	2.00	0.00	1.00	0.00	9.33	25.92	2.00	0.00	1.00	0.00
9.34	26.16	2.00	0.00	1.00	0.00	9.35	26.08	2.00	0.00	1.00	0.00
9.36	25.83	2.00	0.00	1.00	0.00	9.37	25.59	2.00	0.00	1.00	0.00
9.38	25.42	2.00	0.00	1.00	0.00	9.39	25.19	2.00	0.00	1.00	0.00
9.40	25.07	2.00	0.00	1.00	0.00	9.41	25.10	2.00	0.00	1.00	0.00
9.42	24.96	2.00	0.00	1.00	0.00	9.43	24.66	2.00	0.00	1.00	0.00
9.44	24.27	2.00	0.00	1.00	0.00	9.45	24.10	2.00	0.00	1.00	0.00
9.46	24.10	2.00	0.00	1.00	0.00	9.47	24.16	2.00	0.00	1.00	0.00
9.48	24.05	2.00	0.00	1.00	0.00	9.49	23.93	2.00	0.00	1.00	0.00
9.50	23.78	2.00	0.00	1.00	0.00	9.51	23.81	2.00	0.00	1.00	0.00
9.52	24.03	2.00	0.00	1.00	0.00	9.53	24.40	2.00	0.00	1.00	0.00
9.54	24.70	2.00	0.00	1.00	0.00	9.55	24.90	2.00	0.00	1.00	0.00
9.56	25.12	2.00	0.00	1.00	0.00	9.57	25.60	2.00	0.00	1.00	0.00
9.58	26.34	2.00	0.00	1.00	0.00	9.59	26.93	2.00	0.00	1.00	0.00
9.60	27.21	2.00	0.00	1.00	0.00	9.61	27.32	2.00	0.00	1.00	0.00
9.62	27.35	2.00	0.00	1.00	0.00	9.63	27.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	27.19	2.00	0.00	1.00	0.00	9.65	27.10	2.00	0.00	1.00	0.00
9.66	27.05	2.00	0.00	1.00	0.00	9.67	26.84	2.00	0.00	1.00	0.00
9.68	26.50	2.00	0.00	1.00	0.00	9.69	26.08	2.00	0.00	1.00	0.00
9.70	25.58	2.00	0.00	1.00	0.00	9.71	25.34	2.00	0.00	1.00	0.00
9.72	25.22	2.00	0.00	1.00	0.00	9.73	25.43	2.00	0.00	1.00	0.00
9.74	25.35	2.00	0.00	1.00	0.00	9.75	25.18	2.00	0.00	1.00	0.00
9.76	25.13	2.00	0.00	1.00	0.00	9.77	25.37	2.00	0.00	1.00	0.00
9.78	25.74	2.00	0.00	1.00	0.00	9.79	25.97	2.00	0.00	1.00	0.00
9.80	26.07	2.00	0.00	1.00	0.00	9.81	26.34	2.00	0.00	1.00	0.00
9.82	27.09	2.00	0.00	1.00	0.00	9.83	27.81	2.00	0.00	1.00	0.00
9.84	28.49	2.00	0.00	1.00	0.00	9.85	29.00	2.00	0.00	1.00	0.00
9.86	29.54	2.00	0.00	1.00	0.00	9.87	29.77	2.00	0.00	1.00	0.00
9.88	29.71	2.00	0.00	1.00	0.00	9.89	29.60	2.00	0.00	1.00	0.00
9.90	27.68	2.00	0.00	1.00	0.00	9.91	25.64	2.00	0.00	1.00	0.00
9.92	24.58	2.00	0.00	1.00	0.00	9.93	24.68	2.00	0.00	1.00	0.00
9.94	25.06	2.00	0.00	1.00	0.00	9.95	26.07	2.00	0.00	1.00	0.00
9.96	24.38	2.00	0.00	1.00	0.00	9.97	25.11	2.00	0.00	1.00	0.00
9.98	27.39	2.00	0.00	1.00	0.00	9.99	29.84	2.00	0.00	1.00	0.00
10.00	31.43	2.00	0.00	1.00	0.00	10.01	32.23	2.00	0.00	1.00	0.00
10.02	33.91	2.00	0.00	1.00	0.00	10.03	36.07	2.00	0.00	1.00	0.00
10.04	38.57	2.00	0.00	1.00	0.00	10.05	41.65	2.00	0.00	1.00	0.00
10.06	45.20	2.00	0.00	1.00	0.00	10.07	49.03	2.00	0.00	1.00	0.00
10.08	53.02	2.00	0.00	1.00	0.00	10.09	56.82	2.00	0.00	1.00	0.00
10.10	60.20	2.00	0.00	1.00	0.00	10.11	62.51	2.00	0.00	1.00	0.00
10.12	64.63	2.00	0.00	1.00	0.00	10.13	67.25	2.00	0.00	1.00	0.00
10.14	71.68	2.00	0.00	1.00	0.00	10.15	76.40	2.00	0.00	1.00	0.00
10.16	81.10	2.00	0.00	1.00	0.00	10.17	84.97	2.00	0.00	1.00	0.00
10.18	88.39	2.00	0.00	1.00	0.00	10.19	91.21	2.00	0.00	1.00	0.00
10.20	93.13	2.00	0.00	1.00	0.00	10.21	94.12	2.00	0.00	1.00	0.00
10.22	94.36	2.00	0.00	1.00	0.00	10.23	93.84	2.00	0.00	1.00	0.00
10.24	93.62	2.00	0.00	1.00	0.00	10.25	93.33	2.00	0.00	1.00	0.00
10.26	93.34	2.00	0.00	1.00	0.00	10.27	93.20	2.00	0.00	1.00	0.00
10.28	93.05	2.00	0.00	1.00	0.00	10.29	93.17	2.00	0.00	1.00	0.00
10.30	93.40	2.00	0.00	1.00	0.00	10.31	93.56	2.00	0.00	1.00	0.00
10.32	92.01	2.00	0.00	1.00	0.00	10.33	89.46	2.00	0.00	1.00	0.00
10.34	86.41	2.00	0.00	1.00	0.00	10.35	84.88	2.00	0.00	1.00	0.00
10.36	83.55	2.00	0.00	1.00	0.00	10.37	82.22	2.00	0.00	1.00	0.00
10.38	81.85	2.00	0.00	1.00	0.00	10.39	82.72	2.00	0.00	1.00	0.00
10.40	84.71	2.00	0.00	1.00	0.00	10.41	88.42	2.00	0.00	1.00	0.00
10.42	92.20	2.00	0.00	1.00	0.00	10.43	95.97	2.00	0.00	1.00	0.00
10.44	99.38	2.00	0.00	1.00	0.00	10.45	103.25	2.00	0.00	1.00	0.00
10.46	107.39	2.00	0.00	1.00	0.00	10.47	110.68	2.00	0.00	1.00	0.00
10.48	111.98	2.00	0.00	1.00	0.00	10.49	112.23	2.00	0.00	1.00	0.00
10.50	112.31	2.00	0.00	1.00	0.00	10.51	114.00	2.00	0.00	1.00	0.00
10.52	115.93	2.00	0.00	1.00	0.00	10.53	118.03	2.00	0.00	1.00	0.00
10.54	119.82	2.00	0.00	1.00	0.00	10.55	122.20	2.00	0.00	1.00	0.00
10.56	124.48	2.00	0.00	1.00	0.00	10.57	126.47	2.00	0.00	1.00	0.00
10.58	128.16	2.00	0.00	1.00	0.00	10.59	128.82	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	127.91	2.00	0.00	1.00	0.00	10.61	125.31	2.00	0.00	1.00	0.00
10.62	122.10	2.00	0.00	1.00	0.00	10.63	121.01	2.00	0.00	1.00	0.00
10.64	121.30	2.00	0.00	1.00	0.00	10.65	123.20	2.00	0.00	1.00	0.00
10.66	126.39	2.00	0.00	1.00	0.00	10.67	129.63	2.00	0.00	1.00	0.00
10.68	133.23	2.00	0.00	1.00	0.00	10.69	137.40	2.00	0.00	1.00	0.00
10.70	141.85	2.00	0.00	1.00	0.00	10.71	146.03	2.00	0.00	1.00	0.00
10.72	149.00	2.00	0.00	1.00	0.00	10.73	152.11	2.00	0.00	1.00	0.00
10.74	155.30	2.00	0.00	1.00	0.00	10.75	157.02	2.00	0.00	1.00	0.00
10.76	158.90	2.00	0.00	1.00	0.00	10.77	160.51	2.00	0.00	1.00	0.00
10.78	162.53	2.00	0.00	1.00	0.00	10.79	163.48	2.00	0.00	1.00	0.00
10.80	163.12	2.00	0.00	1.00	0.00	10.81	161.81	2.00	0.00	1.00	0.00
10.82	160.30	2.00	0.00	1.00	0.00	10.83	158.58	2.00	0.00	1.00	0.00
10.84	156.59	2.00	0.00	1.00	0.00	10.85	153.49	2.00	0.00	1.00	0.00
10.86	150.07	2.00	0.00	1.00	0.00	10.87	145.98	2.00	0.00	1.00	0.00
10.88	143.59	2.00	0.00	1.00	0.00	10.89	142.22	2.00	0.00	1.00	0.00
10.90	134.89	2.00	0.00	1.00	0.00	10.91	123.69	2.00	0.00	1.00	0.00
10.92	108.76	2.00	0.00	1.00	0.00	10.93	102.01	2.00	0.00	1.00	0.00
10.94	96.33	0.64	2.41	1.00	0.02	10.95	92.19	0.60	2.50	1.00	0.02
10.96	90.76	0.59	2.53	1.00	0.03	10.97	90.70	0.59	2.53	1.00	0.03
10.98	92.29	0.60	2.50	1.00	0.02	10.99	96.57	0.65	2.40	1.00	0.02
11.00	100.27	0.69	2.33	1.00	0.02	11.01	107.03	0.77	1.84	1.00	0.02
11.02	113.17	0.85	1.70	1.00	0.02	11.03	121.36	2.00	0.00	1.00	0.00
11.04	127.08	2.00	0.00	1.00	0.00	11.05	133.83	2.00	0.00	1.00	0.00
11.06	141.28	2.00	0.00	1.00	0.00	11.07	148.54	2.00	0.00	1.00	0.00
11.08	153.65	2.00	0.00	1.00	0.00	11.09	156.53	2.00	0.00	1.00	0.00
11.10	158.25	2.00	0.00	1.00	0.00	11.11	160.46	2.00	0.00	1.00	0.00
11.12	161.96	2.00	0.00	1.00	0.00	11.13	162.65	2.00	0.00	1.00	0.00
11.14	161.47	2.00	0.00	1.00	0.00	11.15	160.12	2.00	0.00	1.00	0.00
11.16	159.02	2.00	0.00	1.00	0.00	11.17	158.62	2.00	0.00	1.00	0.00
11.18	158.05	2.00	0.00	1.00	0.00	11.19	157.72	2.00	0.00	1.00	0.00
11.20	157.45	2.00	0.00	1.00	0.00	11.21	157.16	2.00	0.00	1.00	0.00
11.22	156.42	2.00	0.00	1.00	0.00	11.23	154.04	2.00	0.00	1.00	0.00
11.24	151.36	2.00	0.00	1.00	0.00	11.25	147.78	2.00	0.00	1.00	0.00
11.26	143.77	2.00	0.00	1.00	0.00	11.27	140.04	2.00	0.00	1.00	0.00
11.28	137.16	2.00	0.00	1.00	0.00	11.29	136.08	2.00	0.00	1.00	0.00
11.30	135.18	2.00	0.00	1.00	0.00	11.31	134.63	2.00	0.00	1.00	0.00
11.32	134.51	2.00	0.00	1.00	0.00	11.33	134.57	2.00	0.00	1.00	0.00
11.34	134.26	2.00	0.00	1.00	0.00	11.35	133.75	2.00	0.00	1.00	0.00
11.36	133.41	2.00	0.00	1.00	0.00	11.37	133.23	2.00	0.00	1.00	0.00
11.38	132.61	2.00	0.00	1.00	0.00	11.39	131.55	2.00	0.00	1.00	0.00
11.40	129.90	2.00	0.00	1.00	0.00	11.41	128.12	2.00	0.00	1.00	0.00
11.42	125.66	2.00	0.00	1.00	0.00	11.43	121.75	2.00	0.00	1.00	0.00
11.44	117.58	2.00	0.00	1.00	0.00	11.45	113.82	0.88	1.29	1.00	0.01
11.46	111.72	0.85	1.73	1.00	0.02	11.47	110.20	0.83	1.76	1.00	0.02
11.48	109.28	0.82	1.78	1.00	0.02	11.49	109.65	0.82	1.78	1.00	0.02
11.50	110.78	0.84	1.75	1.00	0.02	11.51	112.12	2.00	0.00	1.00	0.00
11.52	112.88	2.00	0.00	1.00	0.00	11.53	113.49	2.00	0.00	1.00	0.00
11.54	114.87	2.00	0.00	1.00	0.00	11.55	116.56	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	117.96	2.00	0.00	1.00	0.00	11.57	119.03	2.00	0.00	1.00	0.00
11.58	120.19	2.00	0.00	1.00	0.00	11.59	121.64	2.00	0.00	1.00	0.00
11.60	122.62	1.02	0.73	1.00	0.01	11.61	123.12	1.03	0.73	1.00	0.01
11.62	122.99	1.03	0.73	1.00	0.01	11.63	121.14	1.00	0.74	1.00	0.01
11.64	117.43	0.94	1.24	1.00	0.01	11.65	112.41	0.87	1.32	1.00	0.01
11.66	107.35	0.80	1.83	1.00	0.02	11.67	103.11	0.74	2.28	1.00	0.02
11.68	99.04	0.70	2.36	1.00	0.02	11.69	96.05	0.66	2.42	1.00	0.02
11.70	94.45	0.65	2.45	1.00	0.02	11.71	95.36	2.00	0.00	1.00	0.00
11.72	97.08	2.00	0.00	1.00	0.00	11.73	98.57	2.00	0.00	1.00	0.00
11.74	99.43	2.00	0.00	1.00	0.00	11.75	100.75	2.00	0.00	1.00	0.00
11.76	101.96	2.00	0.00	1.00	0.00	11.77	102.80	2.00	0.00	1.00	0.00
11.78	103.10	2.00	0.00	1.00	0.00	11.79	104.31	2.00	0.00	1.00	0.00
11.80	104.76	2.00	0.00	1.00	0.00	11.81	104.43	2.00	0.00	1.00	0.00
11.82	102.79	2.00	0.00	1.00	0.00	11.83	101.27	2.00	0.00	1.00	0.00
11.84	99.42	2.00	0.00	1.00	0.00	11.85	97.01	2.00	0.00	1.00	0.00
11.86	94.55	2.00	0.00	1.00	0.00	11.87	93.04	2.00	0.00	1.00	0.00
11.88	92.45	2.00	0.00	1.00	0.00	11.89	92.48	2.00	0.00	1.00	0.00
11.90	93.80	2.00	0.00	1.00	0.00	11.91	97.18	2.00	0.00	1.00	0.00
11.92	100.61	2.00	0.00	1.00	0.00	11.93	102.74	2.00	0.00	1.00	0.00
11.94	102.97	2.00	0.00	1.00	0.00	11.95	103.62	2.00	0.00	1.00	0.00
11.96	104.99	2.00	0.00	1.00	0.00	11.97	107.91	2.00	0.00	1.00	0.00
11.98	111.06	2.00	0.00	1.00	0.00	11.99	114.14	2.00	0.00	1.00	0.00
12.00	116.09	2.00	0.00	1.00	0.00	12.01	117.67	2.00	0.00	1.00	0.00
12.02	118.79	2.00	0.00	1.00	0.00	12.03	119.71	2.00	0.00	1.00	0.00
12.04	120.80	2.00	0.00	1.00	0.00	12.05	122.23	2.00	0.00	1.00	0.00
12.06	124.38	2.00	0.00	1.00	0.00	12.07	126.90	2.00	0.00	1.00	0.00
12.08	129.41	2.00	0.00	1.00	0.00	12.09	130.67	2.00	0.00	1.00	0.00
12.10	130.64	2.00	0.00	1.00	0.00	12.11	129.76	2.00	0.00	1.00	0.00
12.12	128.78	2.00	0.00	1.00	0.00	12.13	127.70	2.00	0.00	1.00	0.00
12.14	126.56	2.00	0.00	1.00	0.00	12.15	128.05	2.00	0.00	1.00	0.00
12.16	130.09	2.00	0.00	1.00	0.00	12.17	131.77	2.00	0.00	1.00	0.00
12.18	131.03	2.00	0.00	1.00	0.00	12.19	129.32	2.00	0.00	1.00	0.00
12.20	127.23	2.00	0.00	1.00	0.00	12.21	124.91	2.00	0.00	1.00	0.00
12.22	122.55	2.00	0.00	1.00	0.00	12.23	119.72	2.00	0.00	1.00	0.00
12.24	117.53	2.00	0.00	1.00	0.00	12.25	115.79	2.00	0.00	1.00	0.00
12.26	115.36	2.00	0.00	1.00	0.00	12.27	114.83	2.00	0.00	1.00	0.00
12.28	114.52	2.00	0.00	1.00	0.00	12.29	113.24	2.00	0.00	1.00	0.00
12.30	111.91	2.00	0.00	1.00	0.00	12.31	110.39	2.00	0.00	1.00	0.00
12.32	109.51	2.00	0.00	1.00	0.00	12.33	107.90	2.00	0.00	1.00	0.00
12.34	106.50	2.00	0.00	1.00	0.00	12.35	105.33	2.00	0.00	1.00	0.00
12.36	105.29	2.00	0.00	1.00	0.00	12.37	106.08	2.00	0.00	1.00	0.00
12.38	107.63	2.00	0.00	1.00	0.00	12.39	109.33	2.00	0.00	1.00	0.00
12.40	110.76	2.00	0.00	1.00	0.00	12.41	113.00	2.00	0.00	1.00	0.00
12.42	115.76	2.00	0.00	1.00	0.00	12.43	118.97	2.00	0.00	1.00	0.00
12.44	122.44	2.00	0.00	1.00	0.00	12.45	126.05	2.00	0.00	1.00	0.00
12.46	129.67	2.00	0.00	1.00	0.00	12.47	132.34	2.00	0.00	1.00	0.00
12.48	134.21	2.00	0.00	1.00	0.00	12.49	135.49	2.00	0.00	1.00	0.00
12.50	136.84	2.00	0.00	1.00	0.00	12.51	137.95	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
12.52	138.74	2.00	0.00	1.00	0.00	12.53	138.75	2.00	0.00	1.00	0.00
12.54	138.65	2.00	0.00	1.00	0.00	12.55	138.26	2.00	0.00	1.00	0.00
12.56	137.55	2.00	0.00	1.00	0.00	12.57	137.16	2.00	0.00	1.00	0.00
12.58	137.12	2.00	0.00	1.00	0.00	12.59	137.39	2.00	0.00	1.00	0.00
12.60	137.69	2.00	0.00	1.00	0.00	12.61	138.07	2.00	0.00	1.00	0.00
12.62	138.49	2.00	0.00	1.00	0.00	12.63	137.94	2.00	0.00	1.00	0.00
12.64	136.69	2.00	0.00	1.00	0.00	12.65	135.07	2.00	0.00	1.00	0.00
12.66	133.40	2.00	0.00	1.00	0.00	12.67	131.89	2.00	0.00	1.00	0.00
12.68	130.37	2.00	0.00	1.00	0.00	12.69	129.25	2.00	0.00	1.00	0.00
12.70	128.21	2.00	0.00	1.00	0.00	12.71	126.99	2.00	0.00	1.00	0.00
12.72	125.46	2.00	0.00	1.00	0.00	12.73	123.81	2.00	0.00	1.00	0.00
12.74	122.27	2.00	0.00	1.00	0.00	12.75	120.74	2.00	0.00	1.00	0.00
12.76	118.77	2.00	0.00	1.00	0.00	12.77	117.51	2.00	0.00	1.00	0.00
12.78	117.35	2.00	0.00	1.00	0.00	12.79	117.59	2.00	0.00	1.00	0.00
12.80	117.49	2.00	0.00	1.00	0.00	12.81	116.75	2.00	0.00	1.00	0.00
12.82	116.44	2.00	0.00	1.00	0.00	12.83	116.37	2.00	0.00	1.00	0.00
12.84	116.50	2.00	0.00	1.00	0.00	12.85	116.67	2.00	0.00	1.00	0.00
12.86	116.55	2.00	0.00	1.00	0.00	12.87	116.28	2.00	0.00	1.00	0.00
12.88	115.94	2.00	0.00	1.00	0.00	12.89	115.70	2.00	0.00	1.00	0.00
12.90	114.29	2.00	0.00	1.00	0.00	12.91	113.07	2.00	0.00	1.00	0.00
12.92	111.77	2.00	0.00	1.00	0.00	12.93	111.79	2.00	0.00	1.00	0.00
12.94	111.91	2.00	0.00	1.00	0.00	12.95	111.97	2.00	0.00	1.00	0.00
12.96	111.89	2.00	0.00	1.00	0.00	12.97	111.85	2.00	0.00	1.00	0.00
12.98	111.92	2.00	0.00	1.00	0.00	12.99	112.04	2.00	0.00	1.00	0.00
13.00	111.17	2.00	0.00	1.00	0.00	13.01	109.65	2.00	0.00	1.00	0.00
13.02	107.53	2.00	0.00	1.00	0.00	13.03	105.44	2.00	0.00	1.00	0.00
13.04	103.15	2.00	0.00	1.00	0.00	13.05	100.53	2.00	0.00	1.00	0.00
13.06	98.03	2.00	0.00	1.00	0.00	13.07	95.28	2.00	0.00	1.00	0.00
13.08	92.08	2.00	0.00	1.00	0.00	13.09	89.05	2.00	0.00	1.00	0.00
13.10	86.34	2.00	0.00	1.00	0.00	13.11	84.16	2.00	0.00	1.00	0.00
13.12	81.34	2.00	0.00	1.00	0.00	13.13	78.50	2.00	0.00	1.00	0.00
13.14	76.15	2.00	0.00	1.00	0.00	13.15	75.00	2.00	0.00	1.00	0.00
13.16	75.78	2.00	0.00	1.00	0.00	13.17	80.80	2.00	0.00	1.00	0.00
13.18	87.03	2.00	0.00	1.00	0.00	13.19	94.29	2.00	0.00	1.00	0.00
13.20	99.51	2.00	0.00	1.00	0.00	13.21	104.64	2.00	0.00	1.00	0.00
13.22	107.34	2.00	0.00	1.00	0.00	13.23	107.94	2.00	0.00	1.00	0.00
13.24	106.80	2.00	0.00	1.00	0.00	13.25	105.62	2.00	0.00	1.00	0.00
13.26	104.96	2.00	0.00	1.00	0.00	13.27	104.71	2.00	0.00	1.00	0.00
13.28	104.89	2.00	0.00	1.00	0.00	13.29	104.57	2.00	0.00	1.00	0.00
13.30	103.51	2.00	0.00	1.00	0.00	13.31	101.39	2.00	0.00	1.00	0.00
13.32	98.10	2.00	0.00	1.00	0.00	13.33	94.65	2.00	0.00	1.00	0.00
13.34	91.56	2.00	0.00	1.00	0.00	13.35	90.60	2.00	0.00	1.00	0.00
13.36	90.38	2.00	0.00	1.00	0.00	13.37	90.72	2.00	0.00	1.00	0.00
13.38	91.40	2.00	0.00	1.00	0.00	13.39	92.50	2.00	0.00	1.00	0.00
13.40	93.74	2.00	0.00	1.00	0.00	13.41	95.30	2.00	0.00	1.00	0.00
13.42	96.86	2.00	0.00	1.00	0.00	13.43	99.17	2.00	0.00	1.00	0.00
13.44	101.49	2.00	0.00	1.00	0.00	13.45	103.32	2.00	0.00	1.00	0.00
13.46	103.94	2.00	0.00	1.00	0.00	13.47	103.82	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	103.77	2.00	0.00	1.00	0.00	13.49	104.13	2.00	0.00	1.00	0.00
13.50	104.75	2.00	0.00	1.00	0.00	13.51	106.29	2.00	0.00	1.00	0.00
13.52	108.48	2.00	0.00	1.00	0.00	13.53	110.79	2.00	0.00	1.00	0.00
13.54	112.71	2.00	0.00	1.00	0.00	13.55	113.70	2.00	0.00	1.00	0.00
13.56	113.88	2.00	0.00	1.00	0.00	13.57	113.15	2.00	0.00	1.00	0.00
13.58	111.84	2.00	0.00	1.00	0.00	13.59	110.28	2.00	0.00	1.00	0.00
13.60	108.69	2.00	0.00	1.00	0.00	13.61	107.01	2.00	0.00	1.00	0.00
13.62	105.35	2.00	0.00	1.00	0.00	13.63	104.12	2.00	0.00	1.00	0.00
13.64	103.15	2.00	0.00	1.00	0.00	13.65	101.70	2.00	0.00	1.00	0.00
13.66	98.84	2.00	0.00	1.00	0.00	13.67	95.75	2.00	0.00	1.00	0.00
13.68	93.01	2.00	0.00	1.00	0.00	13.69	91.06	2.00	0.00	1.00	0.00
13.70	88.64	2.00	0.00	1.00	0.00	13.71	86.47	0.63	2.63	1.00	0.03
13.72	84.92	0.62	2.67	1.00	0.03	13.73	86.44	0.63	2.63	1.00	0.03
13.74	89.03	0.66	2.57	1.00	0.03	13.75	91.78	0.69	2.51	1.00	0.03
13.76	91.58	2.00	0.00	1.00	0.00	13.77	90.25	2.00	0.00	1.00	0.00
13.78	87.76	2.00	0.00	1.00	0.00	13.79	84.74	2.00	0.00	1.00	0.00
13.80	82.11	0.60	2.75	1.00	0.03	13.81	81.48	0.59	2.76	1.00	0.03
13.82	83.58	0.61	2.71	1.00	0.03	13.83	86.98	0.64	2.62	1.00	0.03
13.84	90.96	0.68	2.53	1.00	0.03	13.85	93.91	0.71	2.46	1.00	0.02
13.86	96.33	0.74	2.41	1.00	0.02	13.87	98.10	0.76	2.09	1.00	0.02
13.88	98.69	0.77	2.07	1.00	0.02	13.89	98.86	0.77	2.07	1.00	0.02
13.90	97.04	0.75	2.12	1.00	0.02	13.91	95.32	0.73	2.43	1.00	0.02
13.92	93.55	0.71	2.47	1.00	0.02	13.93	93.33	0.71	2.47	1.00	0.02
13.94	83.89	0.62	2.70	1.00	0.03	13.95	83.84	0.62	2.70	1.00	0.03
13.96	83.72	0.62	2.70	1.00	0.03	13.97	83.76	0.62	2.70	1.00	0.03
13.98	84.02	0.62	2.70	1.00	0.03	13.99	84.64	0.63	2.68	1.00	0.03
14.00	85.39	0.63	2.66	1.00	0.03	14.01	86.24	0.64	2.64	1.00	0.03
14.02	87.34	0.65	2.61	1.00	0.03	14.03	88.54	0.66	2.58	1.00	0.03
14.04	89.71	0.68	2.55	1.00	0.03	14.05	90.83	0.69	2.53	1.00	0.03
14.06	91.96	0.70	2.50	1.00	0.03	14.07	93.12	0.71	2.48	1.00	0.02
14.08	94.30	0.73	2.45	1.00	0.02	14.09	95.55	0.74	2.43	1.00	0.02
14.10	97.33	0.76	2.11	1.00	0.02	14.11	98.90	0.78	2.06	1.00	0.02
14.12	100.78	0.81	2.01	1.00	0.02	14.13	102.06	0.83	1.97	1.00	0.02
14.14	103.21	0.84	1.94	1.00	0.02	14.15	103.85	0.85	1.48	1.00	0.01
14.16	104.15	0.86	1.48	1.00	0.01	14.17	104.14	0.86	1.48	1.00	0.01
14.18	103.41	0.85	1.93	1.00	0.02	14.19	102.61	0.84	1.96	1.00	0.02
14.20	101.60	0.82	1.99	1.00	0.02	14.21	100.90	0.81	2.01	1.00	0.02
14.22	100.10	0.80	2.03	1.00	0.02	14.23	99.53	0.80	2.05	1.00	0.02
14.24	99.71	0.80	2.04	1.00	0.02	14.25	100.76	0.81	2.01	1.00	0.02
14.26	102.13	0.83	1.97	1.00	0.02	14.27	103.23	0.85	1.94	1.00	0.02
14.28	103.50	0.85	1.49	1.00	0.01	14.29	109.38	0.94	1.37	1.00	0.01
14.30	109.30	0.94	1.37	1.00	0.01	14.31	107.81	0.92	1.40	1.00	0.01
14.32	105.68	0.88	1.44	1.00	0.01	14.33	102.91	0.85	1.95	1.00	0.02
14.34	99.16	0.80	2.06	1.00	0.02	14.35	94.80	0.74	2.44	1.00	0.02
14.36	89.63	0.69	2.56	1.00	0.03	14.37	82.77	0.62	2.73	1.00	0.03
14.38	75.25	0.56	2.95	1.00	0.03	14.39	67.92	0.51	3.21	1.00	0.03
14.40	62.91	0.48	3.42	1.00	0.03	14.41	61.04	0.47	3.50	1.00	0.04
14.42	62.66	0.48	3.43	1.00	0.03	14.43	67.96	0.51	3.21	1.00	0.03



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	74.08	2.00	0.00	1.00	0.00	14.45	83.14	2.00	0.00	1.00	0.00
14.46	89.44	2.00	0.00	1.00	0.00	14.47	94.52	2.00	0.00	1.00	0.00
14.48	97.09	2.00	0.00	1.00	0.00	14.49	98.89	2.00	0.00	1.00	0.00
14.50	99.17	2.00	0.00	1.00	0.00	14.51	97.11	2.00	0.00	1.00	0.00
14.52	94.17	2.00	0.00	1.00	0.00	14.53	91.31	2.00	0.00	1.00	0.00
14.54	88.91	2.00	0.00	1.00	0.00	14.55	86.83	2.00	0.00	1.00	0.00
14.56	84.70	2.00	0.00	1.00	0.00	14.57	82.16	2.00	0.00	1.00	0.00
14.58	77.91	2.00	0.00	1.00	0.00	14.59	72.55	2.00	0.00	1.00	0.00
14.60	67.78	2.00	0.00	1.00	0.00	14.61	64.62	2.00	0.00	1.00	0.00
14.62	62.94	2.00	0.00	1.00	0.00	14.63	62.46	2.00	0.00	1.00	0.00
14.64	63.71	2.00	0.00	1.00	0.00	14.65	65.31	2.00	0.00	1.00	0.00
14.66	67.09	2.00	0.00	1.00	0.00	14.67	68.82	2.00	0.00	1.00	0.00
14.68	70.41	2.00	0.00	1.00	0.00	14.69	71.94	2.00	0.00	1.00	0.00
14.70	73.56	2.00	0.00	1.00	0.00	14.71	75.08	2.00	0.00	1.00	0.00
14.72	76.40	2.00	0.00	1.00	0.00	14.73	77.19	2.00	0.00	1.00	0.00
14.74	77.74	2.00	0.00	1.00	0.00	14.75	78.07	2.00	0.00	1.00	0.00
14.76	77.85	2.00	0.00	1.00	0.00	14.77	77.32	2.00	0.00	1.00	0.00
14.78	76.49	2.00	0.00	1.00	0.00	14.79	75.25	2.00	0.00	1.00	0.00
14.80	73.67	2.00	0.00	1.00	0.00	14.81	72.10	2.00	0.00	1.00	0.00
14.82	70.90	2.00	0.00	1.00	0.00	14.83	69.99	2.00	0.00	1.00	0.00
14.84	68.83	2.00	0.00	1.00	0.00	14.85	67.82	2.00	0.00	1.00	0.00
14.86	66.97	2.00	0.00	1.00	0.00	14.87	66.70	2.00	0.00	1.00	0.00
14.88	66.63	2.00	0.00	1.00	0.00	14.89	66.70	2.00	0.00	1.00	0.00
14.90	66.41	2.00	0.00	1.00	0.00	14.91	67.00	2.00	0.00	1.00	0.00
14.92	67.80	2.00	0.00	1.00	0.00	14.93	69.21	2.00	0.00	1.00	0.00
14.94	70.48	2.00	0.00	1.00	0.00	14.95	72.11	2.00	0.00	1.00	0.00
14.96	73.94	2.00	0.00	1.00	0.00	14.97	75.81	2.00	0.00	1.00	0.00
14.98	77.31	2.00	0.00	1.00	0.00	14.99	78.58	2.00	0.00	1.00	0.00
15.00	79.39	2.00	0.00	1.00	0.00	15.01	80.15	2.00	0.00	1.00	0.00
15.02	80.59	2.00	0.00	1.00	0.00	15.03	80.92	2.00	0.00	1.00	0.00
15.04	81.28	2.00	0.00	1.00	0.00	15.05	81.90	2.00	0.00	1.00	0.00
15.06	82.53	2.00	0.00	1.00	0.00	15.07	83.57	2.00	0.00	1.00	0.00
15.08	84.46	2.00	0.00	1.00	0.00	15.09	84.92	2.00	0.00	1.00	0.00
15.10	84.52	2.00	0.00	1.00	0.00	15.11	83.79	2.00	0.00	1.00	0.00
15.12	83.02	2.00	0.00	1.00	0.00	15.13	82.47	2.00	0.00	1.00	0.00
15.14	82.11	2.00	0.00	1.00	0.00	15.15	82.73	2.00	0.00	1.00	0.00
15.16	83.45	2.00	0.00	1.00	0.00	15.17	84.14	2.00	0.00	1.00	0.00
15.18	83.92	2.00	0.00	1.00	0.00	15.19	83.45	2.00	0.00	1.00	0.00
15.20	82.85	2.00	0.00	1.00	0.00	15.21	82.46	2.00	0.00	1.00	0.00
15.22	82.31	2.00	0.00	1.00	0.00	15.23	82.26	2.00	0.00	1.00	0.00
15.24	82.07	2.00	0.00	1.00	0.00	15.25	81.59	2.00	0.00	1.00	0.00
15.26	81.03	2.00	0.00	1.00	0.00	15.27	80.33	2.00	0.00	1.00	0.00
15.28	79.21	2.00	0.00	1.00	0.00	15.29	77.76	2.00	0.00	1.00	0.00
15.30	76.78	2.00	0.00	1.00	0.00	15.31	77.82	2.00	0.00	1.00	0.00
15.32	79.34	2.00	0.00	1.00	0.00	15.33	80.48	2.00	0.00	1.00	0.00
15.34	79.54	2.00	0.00	1.00	0.00	15.35	78.33	2.00	0.00	1.00	0.00
15.36	77.06	2.00	0.00	1.00	0.00	15.37	76.93	2.00	0.00	1.00	0.00
15.38	77.41	2.00	0.00	1.00	0.00	15.39	78.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	80.27	2.00	0.00	1.00	0.00	15.41	81.63	2.00	0.00	1.00	0.00
15.42	82.23	2.00	0.00	1.00	0.00	15.43	80.64	2.00	0.00	1.00	0.00
15.44	79.09	2.00	0.00	1.00	0.00	15.45	77.73	2.00	0.00	1.00	0.00
15.46	78.97	2.00	0.00	1.00	0.00	15.47	80.60	2.00	0.00	1.00	0.00
15.48	81.69	2.00	0.00	1.00	0.00	15.49	80.78	2.00	0.00	1.00	0.00
15.50	79.47	2.00	0.00	1.00	0.00	15.51	78.81	2.00	0.00	1.00	0.00
15.52	78.87	2.00	0.00	1.00	0.00	15.53	80.56	2.00	0.00	1.00	0.00
15.54	82.95	2.00	0.00	1.00	0.00	15.55	85.82	2.00	0.00	1.00	0.00
15.56	88.01	2.00	0.00	1.00	0.00	15.57	88.99	2.00	0.00	1.00	0.00
15.58	89.29	2.00	0.00	1.00	0.00	15.59	88.73	2.00	0.00	1.00	0.00
15.60	88.89	2.00	0.00	1.00	0.00	15.61	89.38	2.00	0.00	1.00	0.00
15.62	89.54	2.00	0.00	1.00	0.00	15.63	89.37	2.00	0.00	1.00	0.00
15.64	88.66	2.00	0.00	1.00	0.00	15.65	87.97	2.00	0.00	1.00	0.00
15.66	87.24	2.00	0.00	1.00	0.00	15.67	87.35	2.00	0.00	1.00	0.00
15.68	88.55	2.00	0.00	1.00	0.00	15.69	90.13	2.00	0.00	1.00	0.00
15.70	91.06	2.00	0.00	1.00	0.00	15.71	91.78	2.00	0.00	1.00	0.00
15.72	92.63	2.00	0.00	1.00	0.00	15.73	94.43	2.00	0.00	1.00	0.00
15.74	95.91	2.00	0.00	1.00	0.00	15.75	97.07	2.00	0.00	1.00	0.00
15.76	97.00	2.00	0.00	1.00	0.00	15.77	95.33	2.00	0.00	1.00	0.00
15.78	92.95	2.00	0.00	1.00	0.00	15.79	90.81	2.00	0.00	1.00	0.00
15.80	89.69	2.00	0.00	1.00	0.00	15.81	87.66	2.00	0.00	1.00	0.00
15.82	84.44	2.00	0.00	1.00	0.00	15.83	79.92	2.00	0.00	1.00	0.00
15.84	76.50	2.00	0.00	1.00	0.00	15.85	74.15	2.00	0.00	1.00	0.00
15.86	73.10	2.00	0.00	1.00	0.00	15.87	72.26	2.00	0.00	1.00	0.00
15.88	71.73	2.00	0.00	1.00	0.00	15.89	71.55	2.00	0.00	1.00	0.00
15.90	69.60	2.00	0.00	1.00	0.00	15.91	68.13	2.00	0.00	1.00	0.00
15.92	68.94	2.00	0.00	1.00	0.00	15.93	73.31	2.00	0.00	1.00	0.00
15.94	79.31	2.00	0.00	1.00	0.00	15.95	85.98	2.00	0.00	1.00	0.00
15.96	90.16	2.00	0.00	1.00	0.00	15.97	91.37	2.00	0.00	1.00	0.00
15.98	87.88	2.00	0.00	1.00	0.00	15.99	84.86	2.00	0.00	1.00	0.00
16.00	82.94	2.00	0.00	1.00	0.00	16.01	82.95	2.00	0.00	1.00	0.00
16.02	85.06	2.00	0.00	1.00	0.00	16.03	88.03	2.00	0.00	1.00	0.00
16.04	91.35	2.00	0.00	1.00	0.00	16.05	93.07	2.00	0.00	1.00	0.00
16.06	92.61	2.00	0.00	1.00	0.00	16.07	91.12	2.00	0.00	1.00	0.00
16.08	89.77	2.00	0.00	1.00	0.00	16.09	89.53	2.00	0.00	1.00	0.00
16.10	89.33	2.00	0.00	1.00	0.00	16.11	88.70	2.00	0.00	1.00	0.00
16.12	88.44	2.00	0.00	1.00	0.00	16.13	88.79	2.00	0.00	1.00	0.00
16.14	90.01	2.00	0.00	1.00	0.00	16.15	91.43	2.00	0.00	1.00	0.00
16.16	92.88	2.00	0.00	1.00	0.00	16.17	93.50	2.00	0.00	1.00	0.00
16.18	92.75	2.00	0.00	1.00	0.00	16.19	91.02	2.00	0.00	1.00	0.00
16.20	89.29	2.00	0.00	1.00	0.00	16.21	88.30	2.00	0.00	1.00	0.00
16.22	87.95	2.00	0.00	1.00	0.00	16.23	87.81	2.00	0.00	1.00	0.00
16.24	86.58	2.00	0.00	1.00	0.00	16.25	84.62	2.00	0.00	1.00	0.00
16.26	82.80	2.00	0.00	1.00	0.00	16.27	81.47	2.00	0.00	1.00	0.00
16.28	79.81	2.00	0.00	1.00	0.00	16.29	76.60	2.00	0.00	1.00	0.00
16.30	73.25	2.00	0.00	1.00	0.00	16.31	70.43	2.00	0.00	1.00	0.00
16.32	68.37	2.00	0.00	1.00	0.00	16.33	66.55	2.00	0.00	1.00	0.00
16.34	64.56	2.00	0.00	1.00	0.00	16.35	62.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	60.89	2.00	0.00	1.00	0.00	16.37	58.99	2.00	0.00	1.00	0.00
16.38	56.99	2.00	0.00	1.00	0.00	16.39	55.80	2.00	0.00	1.00	0.00
16.40	54.99	2.00	0.00	1.00	0.00	16.41	55.11	2.00	0.00	1.00	0.00
16.42	55.50	2.00	0.00	1.00	0.00	16.43	56.22	2.00	0.00	1.00	0.00
16.44	57.17	2.00	0.00	1.00	0.00	16.45	58.65	2.00	0.00	1.00	0.00
16.46	60.11	2.00	0.00	1.00	0.00	16.47	61.25	2.00	0.00	1.00	0.00
16.48	62.58	2.00	0.00	1.00	0.00	16.49	63.95	2.00	0.00	1.00	0.00
16.50	65.52	2.00	0.00	1.00	0.00	16.51	67.02	2.00	0.00	1.00	0.00
16.52	68.41	2.00	0.00	1.00	0.00	16.53	69.79	2.00	0.00	1.00	0.00
16.54	70.96	2.00	0.00	1.00	0.00	16.55	72.15	2.00	0.00	1.00	0.00
16.56	73.20	2.00	0.00	1.00	0.00	16.57	73.92	2.00	0.00	1.00	0.00
16.58	74.40	2.00	0.00	1.00	0.00	16.59	74.92	2.00	0.00	1.00	0.00
16.60	76.02	2.00	0.00	1.00	0.00	16.61	77.27	2.00	0.00	1.00	0.00
16.62	78.67	2.00	0.00	1.00	0.00	16.63	79.90	2.00	0.00	1.00	0.00
16.64	80.88	2.00	0.00	1.00	0.00	16.65	81.48	2.00	0.00	1.00	0.00
16.66	82.03	2.00	0.00	1.00	0.00	16.67	83.04	2.00	0.00	1.00	0.00
16.68	84.32	2.00	0.00	1.00	0.00	16.69	85.66	2.00	0.00	1.00	0.00
16.70	86.85	2.00	0.00	1.00	0.00	16.71	88.12	2.00	0.00	1.00	0.00
16.72	89.20	2.00	0.00	1.00	0.00	16.73	90.12	2.00	0.00	1.00	0.00
16.74	90.51	2.00	0.00	1.00	0.00	16.75	90.81	2.00	0.00	1.00	0.00
16.76	91.00	2.00	0.00	1.00	0.00	16.77	91.32	2.00	0.00	1.00	0.00
16.78	92.01	2.00	0.00	1.00	0.00	16.79	92.90	2.00	0.00	1.00	0.00
16.80	93.59	2.00	0.00	1.00	0.00	16.81	93.70	2.00	0.00	1.00	0.00
16.82	93.15	2.00	0.00	1.00	0.00	16.83	92.05	2.00	0.00	1.00	0.00
16.84	90.75	2.00	0.00	1.00	0.00	16.85	89.82	2.00	0.00	1.00	0.00
16.86	90.86	2.00	0.00	1.00	0.00	16.87	91.84	2.00	0.00	1.00	0.00
16.88	92.85	2.00	0.00	1.00	0.00	16.89	96.86	2.00	0.00	1.00	0.00
16.90	102.01	2.00	0.00	1.00	0.00	16.91	107.89	2.00	0.00	1.00	0.00
16.92	111.91	2.00	0.00	1.00	0.00	16.93	115.01	2.00	0.00	1.00	0.00
16.94	117.41	2.00	0.00	1.00	0.00	16.95	120.15	2.00	0.00	1.00	0.00
16.96	122.94	2.00	0.00	1.00	0.00	16.97	125.74	2.00	0.00	1.00	0.00
16.98	126.89	2.00	0.00	1.00	0.00	16.99	127.05	2.00	0.00	1.00	0.00
17.00	126.43	2.00	0.00	1.00	0.00	17.01	124.78	2.00	0.00	1.00	0.00
17.02	122.69	2.00	0.00	1.00	0.00	17.03	120.07	2.00	0.00	1.00	0.00
17.04	116.70	2.00	0.00	1.00	0.00	17.05	113.33	2.00	0.00	1.00	0.00
17.06	109.94	2.00	0.00	1.00	0.00	17.07	107.08	2.00	0.00	1.00	0.00
17.08	103.67	2.00	0.00	1.00	0.00	17.09	100.43	2.00	0.00	1.00	0.00
17.10	98.39	2.00	0.00	1.00	0.00	17.11	97.10	2.00	0.00	1.00	0.00
17.12	96.30	2.00	0.00	1.00	0.00	17.13	95.97	2.00	0.00	1.00	0.00
17.14	97.04	2.00	0.00	1.00	0.00	17.15	98.52	2.00	0.00	1.00	0.00
17.16	100.06	2.00	0.00	1.00	0.00	17.17	100.96	2.00	0.00	1.00	0.00
17.18	101.48	2.00	0.00	1.00	0.00	17.19	101.84	2.00	0.00	1.00	0.00
17.20	101.88	2.00	0.00	1.00	0.00	17.21	101.91	2.00	0.00	1.00	0.00
17.22	101.79	2.00	0.00	1.00	0.00	17.23	102.10	2.00	0.00	1.00	0.00
17.24	102.83	2.00	0.00	1.00	0.00	17.25	104.45	2.00	0.00	1.00	0.00
17.26	106.24	2.00	0.00	1.00	0.00	17.27	108.51	2.00	0.00	1.00	0.00
17.28	110.10	2.00	0.00	1.00	0.00	17.29	111.84	2.00	0.00	1.00	0.00
17.30	112.92	2.00	0.00	1.00	0.00	17.31	114.05	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	114.83	2.00	0.00	1.00	0.00	17.33	115.70	2.00	0.00	1.00	0.00
17.34	116.97	2.00	0.00	1.00	0.00	17.35	118.09	2.00	0.00	1.00	0.00
17.36	118.33	2.00	0.00	1.00	0.00	17.37	117.65	2.00	0.00	1.00	0.00
17.38	116.69	2.00	0.00	1.00	0.00	17.39	116.29	2.00	0.00	1.00	0.00
17.40	116.12	2.00	0.00	1.00	0.00	17.41	116.11	2.00	0.00	1.00	0.00
17.42	116.16	2.00	0.00	1.00	0.00	17.43	116.36	2.00	0.00	1.00	0.00
17.44	116.50	2.00	0.00	1.00	0.00	17.45	116.76	2.00	0.00	1.00	0.00
17.46	117.08	2.00	0.00	1.00	0.00	17.47	117.47	2.00	0.00	1.00	0.00
17.48	117.54	2.00	0.00	1.00	0.00	17.49	117.60	2.00	0.00	1.00	0.00
17.50	117.65	2.00	0.00	1.00	0.00	17.51	117.62	2.00	0.00	1.00	0.00
17.52	116.95	2.00	0.00	1.00	0.00	17.53	116.06	2.00	0.00	1.00	0.00
17.54	115.36	2.00	0.00	1.00	0.00	17.55	115.13	2.00	0.00	1.00	0.00
17.56	115.03	2.00	0.00	1.00	0.00	17.57	115.06	2.00	0.00	1.00	0.00
17.58	115.16	2.00	0.00	1.00	0.00	17.59	115.23	2.00	0.00	1.00	0.00
17.60	115.06	2.00	0.00	1.00	0.00	17.61	114.65	2.00	0.00	1.00	0.00
17.62	113.43	2.00	0.00	1.00	0.00	17.63	111.81	2.00	0.00	1.00	0.00
17.64	110.26	2.00	0.00	1.00	0.00	17.65	109.11	2.00	0.00	1.00	0.00
17.66	108.25	2.00	0.00	1.00	0.00	17.67	107.03	2.00	0.00	1.00	0.00
17.68	106.15	2.00	0.00	1.00	0.00	17.69	104.93	2.00	0.00	1.00	0.00
17.70	103.21	2.00	0.00	1.00	0.00	17.71	101.39	2.00	0.00	1.00	0.00
17.72	100.05	2.00	0.00	1.00	0.00	17.73	99.55	2.00	0.00	1.00	0.00
17.74	99.29	2.00	0.00	1.00	0.00	17.75	99.15	2.00	0.00	1.00	0.00
17.76	99.19	2.00	0.00	1.00	0.00	17.77	99.15	2.00	0.00	1.00	0.00
17.78	98.66	2.00	0.00	1.00	0.00	17.79	97.90	2.00	0.00	1.00	0.00
17.80	97.13	2.00	0.00	1.00	0.00	17.81	96.73	2.00	0.00	1.00	0.00
17.82	96.63	2.00	0.00	1.00	0.00	17.83	96.70	2.00	0.00	1.00	0.00
17.84	96.93	2.00	0.00	1.00	0.00	17.85	97.05	2.00	0.00	1.00	0.00
17.86	97.04	2.00	0.00	1.00	0.00	17.87	96.89	2.00	0.00	1.00	0.00
17.88	95.94	2.00	0.00	1.00	0.00	17.89	95.36	2.00	0.00	1.00	0.00
17.90	95.04	2.00	0.00	1.00	0.00	17.91	95.64	2.00	0.00	1.00	0.00
17.92	95.85	2.00	0.00	1.00	0.00	17.93	95.77	2.00	0.00	1.00	0.00
17.94	95.50	2.00	0.00	1.00	0.00	17.95	95.00	2.00	0.00	1.00	0.00
17.96	94.14	2.00	0.00	1.00	0.00	17.97	93.34	2.00	0.00	1.00	0.00
17.98	92.48	2.00	0.00	1.00	0.00	17.99	91.88	2.00	0.00	1.00	0.00
18.00	91.06	2.00	0.00	1.00	0.00	18.01	89.63	2.00	0.00	1.00	0.00
18.02	87.15	2.00	0.00	1.00	0.00	18.03	84.53	2.00	0.00	1.00	0.00
18.04	82.45	2.00	0.00	1.00	0.00	18.05	81.41	2.00	0.00	1.00	0.00
18.06	79.99	2.00	0.00	1.00	0.00	18.07	78.41	2.00	0.00	1.00	0.00
18.08	77.13	2.00	0.00	1.00	0.00	18.09	76.83	2.00	0.00	1.00	0.00
18.10	77.14	2.00	0.00	1.00	0.00	18.11	77.65	2.00	0.00	1.00	0.00
18.12	78.09	2.00	0.00	1.00	0.00	18.13	78.52	2.00	0.00	1.00	0.00
18.14	79.20	2.00	0.00	1.00	0.00	18.15	80.52	2.00	0.00	1.00	0.00
18.16	82.06	2.00	0.00	1.00	0.00	18.17	83.49	2.00	0.00	1.00	0.00
18.18	84.45	2.00	0.00	1.00	0.00	18.19	84.90	2.00	0.00	1.00	0.00
18.20	84.91	2.00	0.00	1.00	0.00	18.21	84.70	2.00	0.00	1.00	0.00
18.22	84.25	2.00	0.00	1.00	0.00	18.23	83.76	2.00	0.00	1.00	0.00
18.24	82.90	2.00	0.00	1.00	0.00	18.25	81.76	2.00	0.00	1.00	0.00
18.26	80.40	2.00	0.00	1.00	0.00	18.27	79.35	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	79.37	2.00	0.00	1.00	0.00	18.29	79.74	2.00	0.00	1.00	0.00
18.30	79.97	2.00	0.00	1.00	0.00	18.31	79.82	2.00	0.00	1.00	0.00
18.32	79.70	2.00	0.00	1.00	0.00	18.33	79.77	2.00	0.00	1.00	0.00
18.34	80.19	2.00	0.00	1.00	0.00	18.35	80.59	2.00	0.00	1.00	0.00
18.36	80.75	2.00	0.00	1.00	0.00	18.37	80.31	2.00	0.00	1.00	0.00
18.38	78.33	2.00	0.00	1.00	0.00	18.39	76.42	2.00	0.00	1.00	0.00
<b>Total estimated settlement: 2.09</b>											

**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**

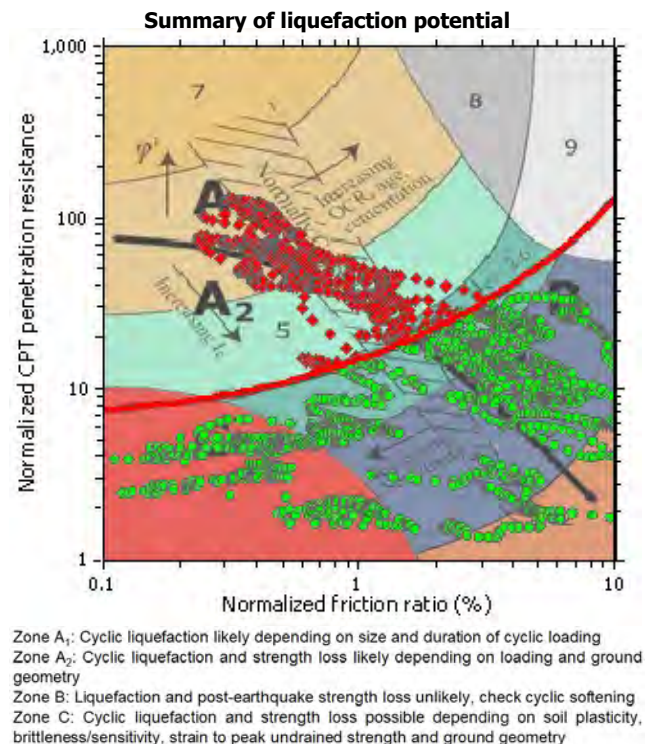
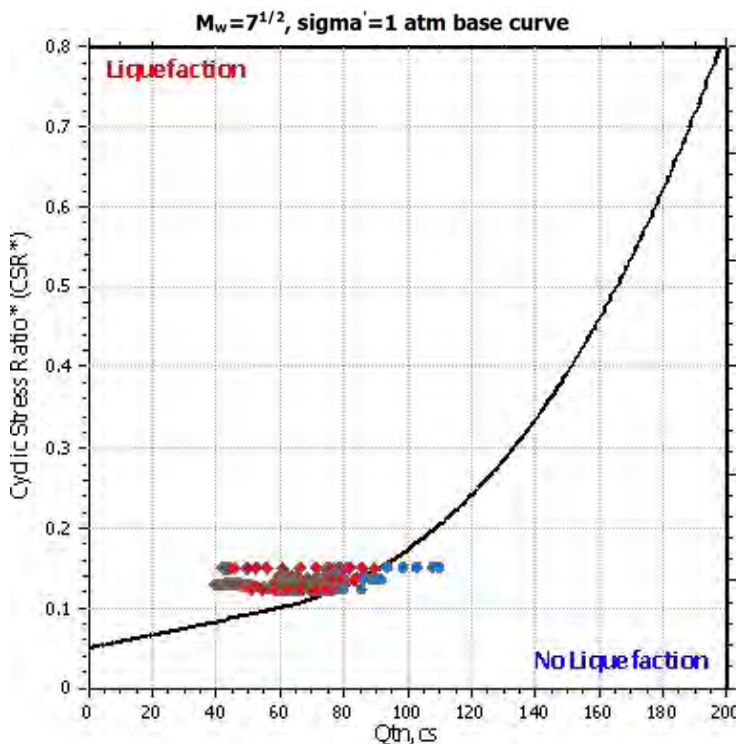
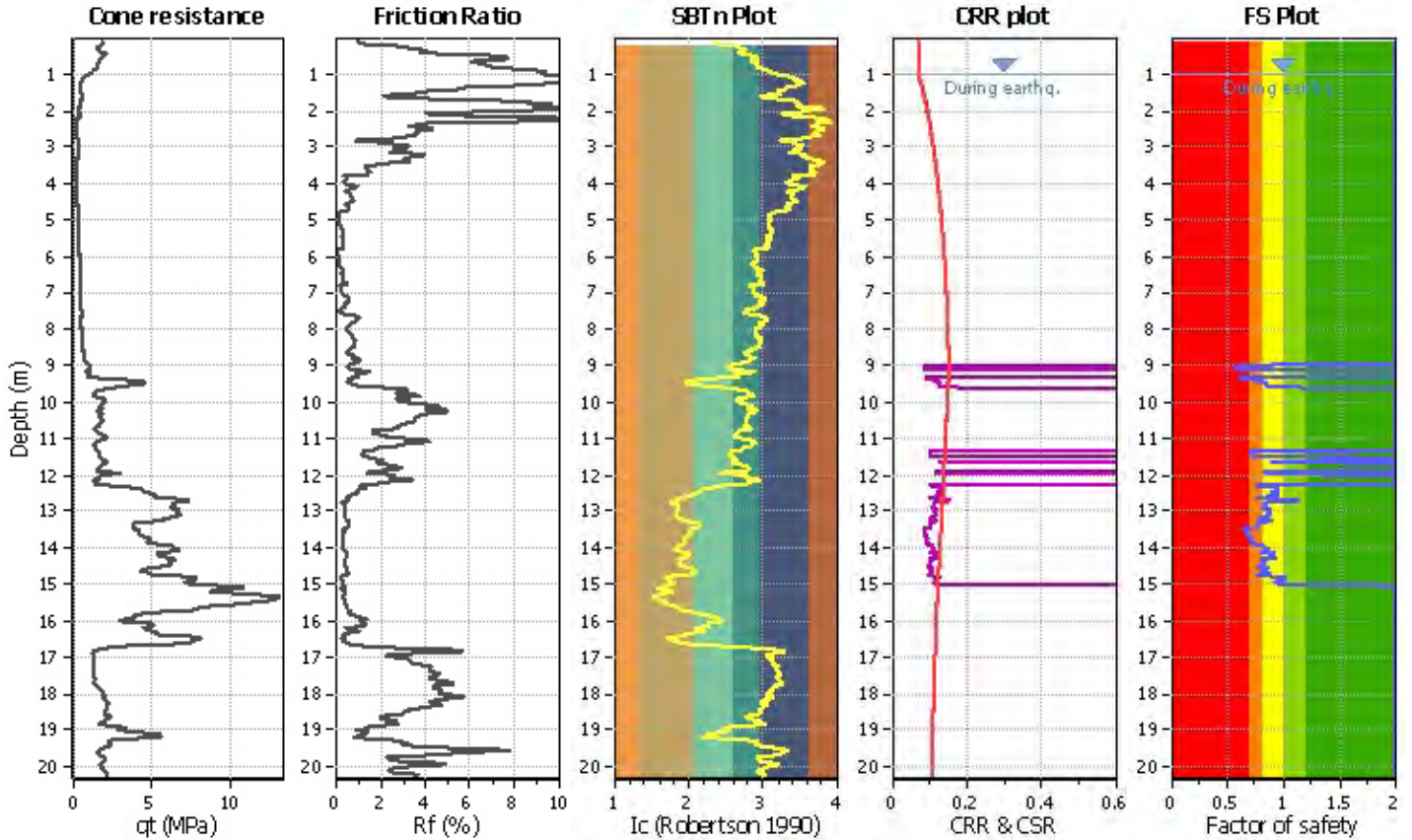
**Project title :**

**Location :**

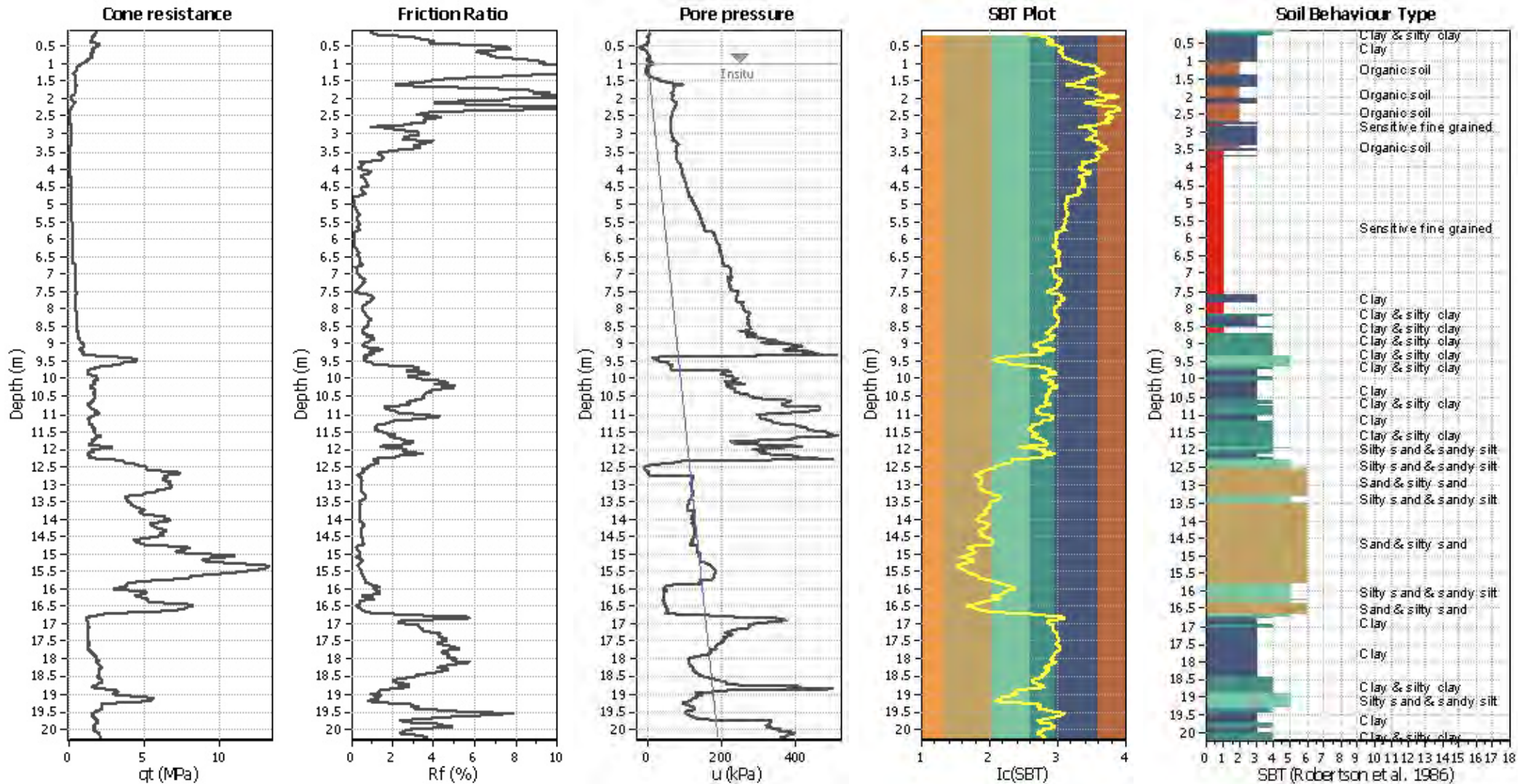
**CPT file : CPTU3 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



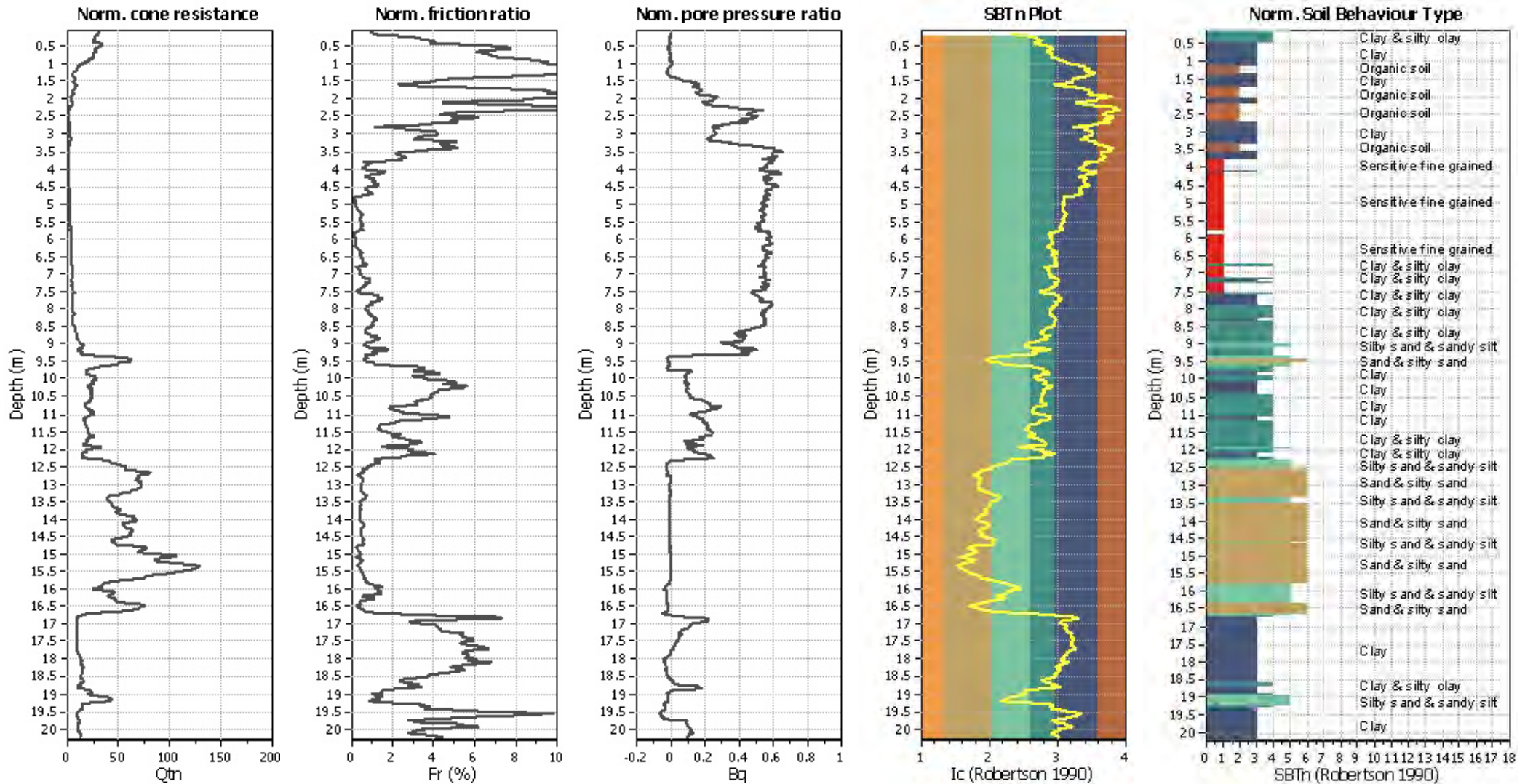
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



#### Input parameters and analysis data

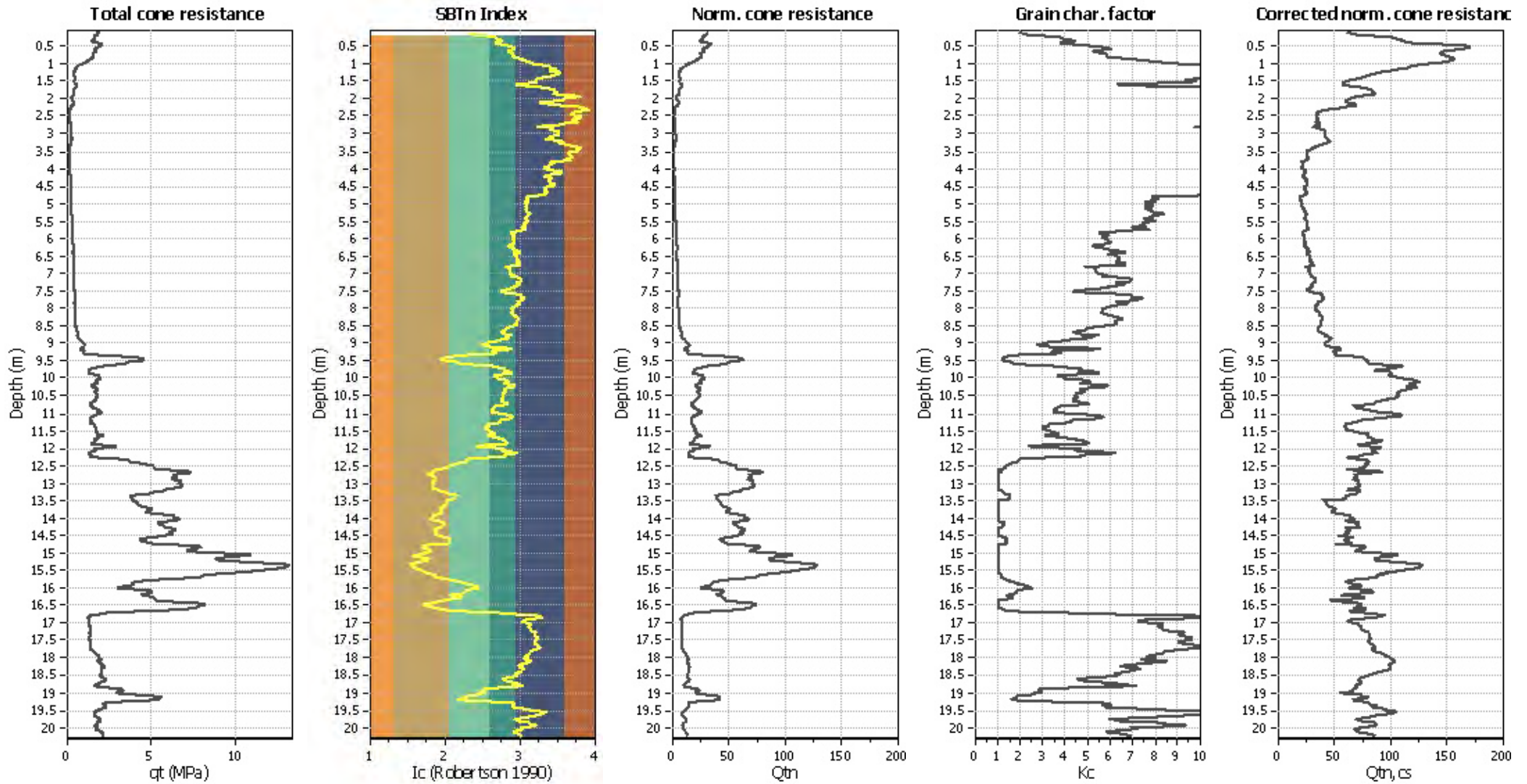
Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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



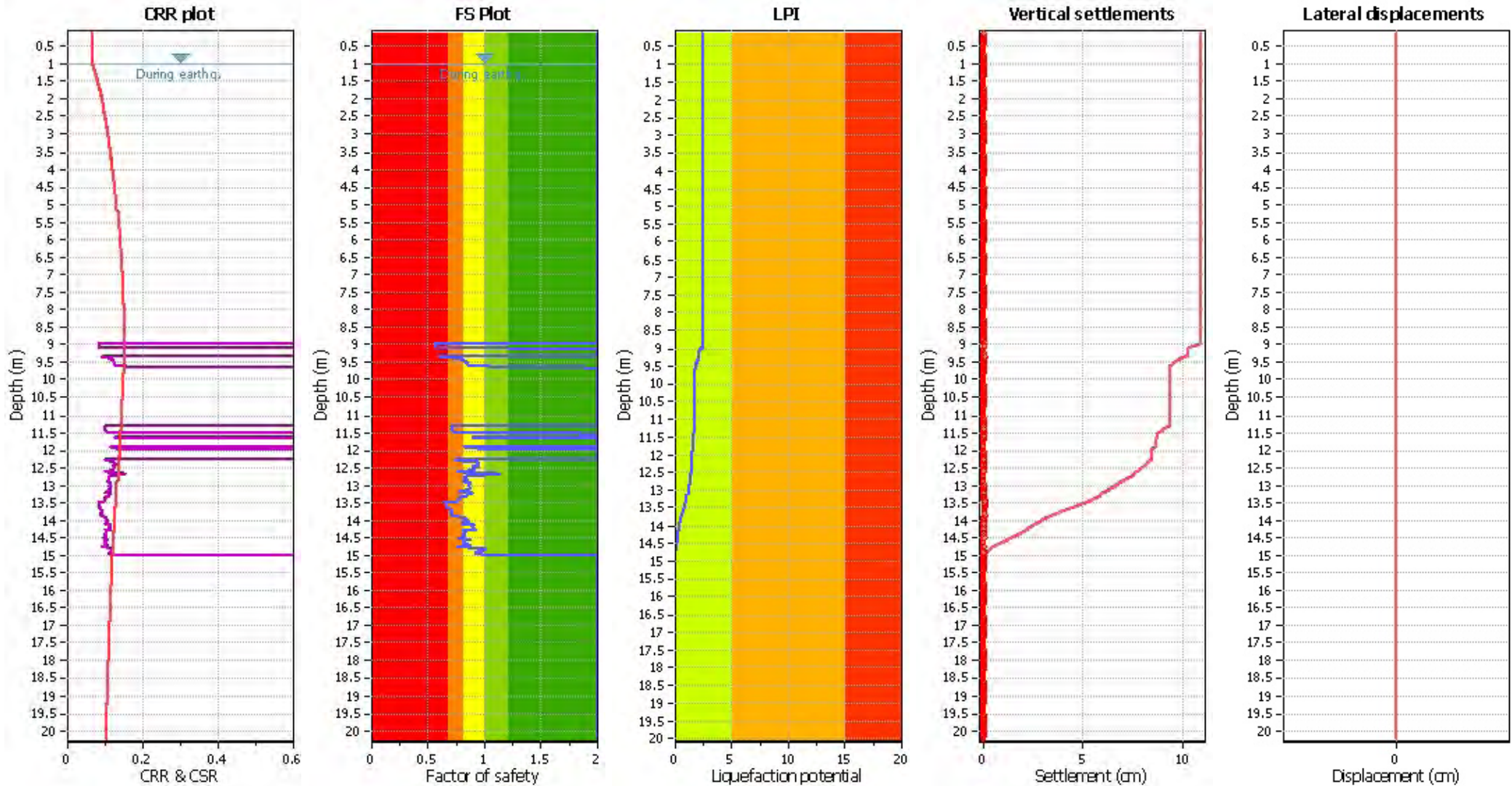
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_{\sigma}$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

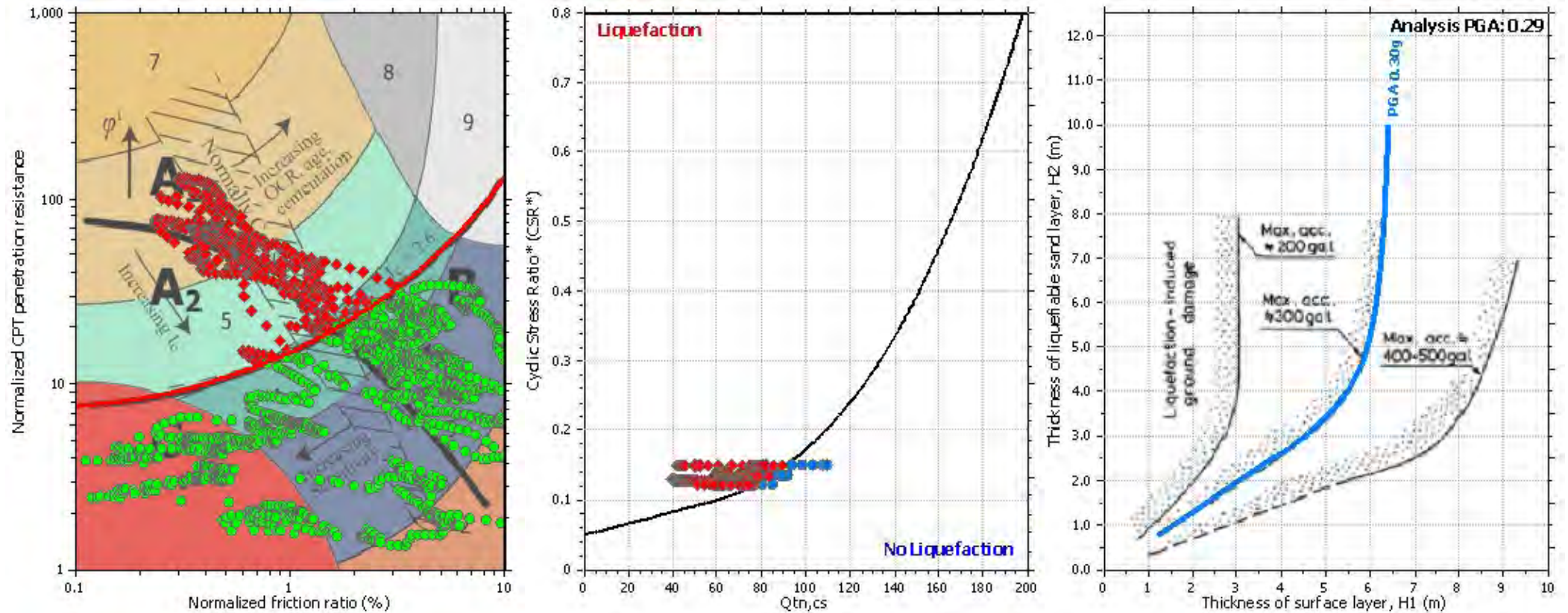
**F.S. color scheme**

- 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

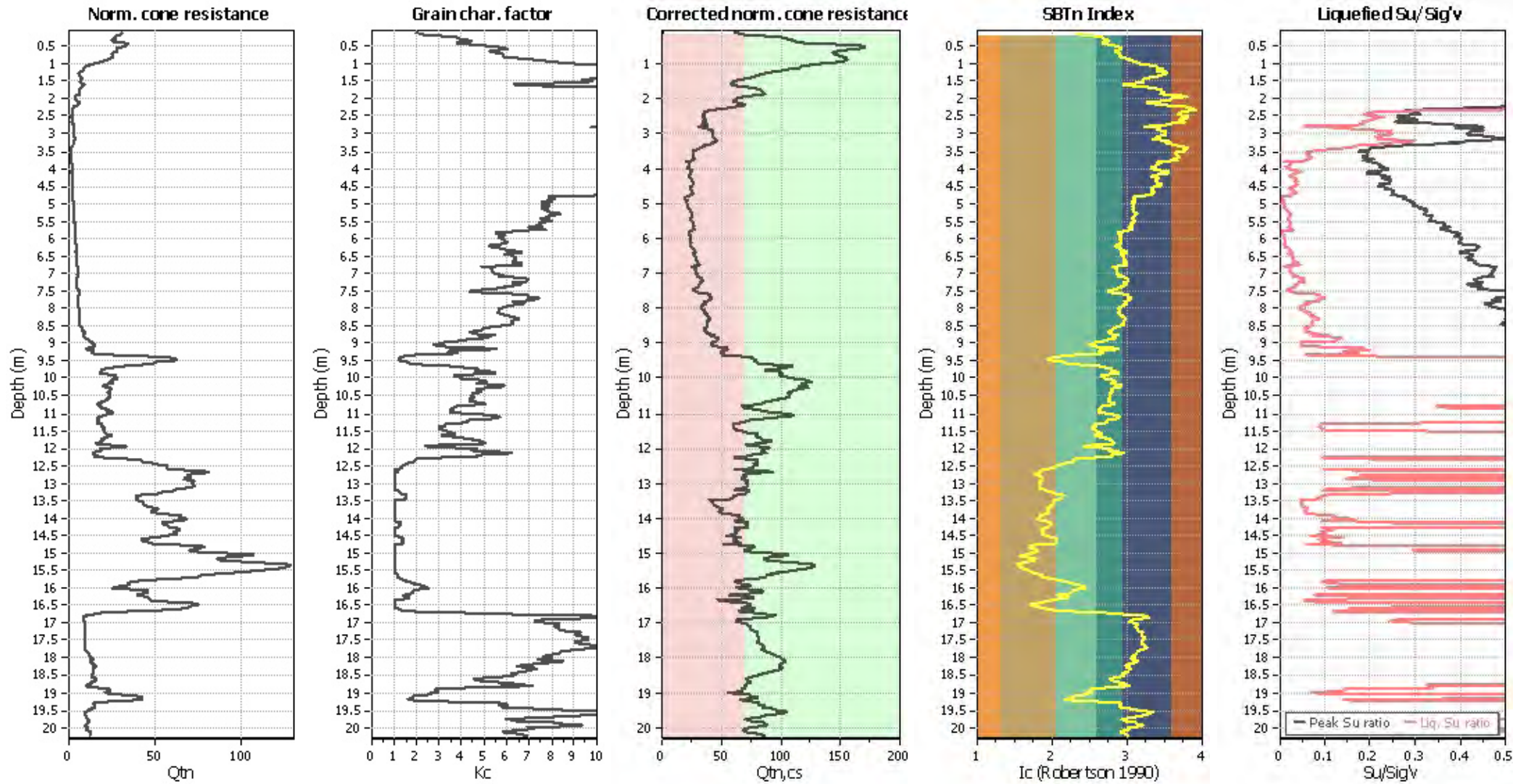
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>o</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.12	2.00	0.00	9.94	0.01	0.00	0.13	2.00	0.00	9.94	0.01	0.00
0.14	2.00	0.00	9.93	0.01	0.00	0.15	2.00	0.00	9.93	0.01	0.00
0.16	2.00	0.00	9.92	0.01	0.00	0.17	2.00	0.00	9.91	0.01	0.00
0.18	2.00	0.00	9.91	0.01	0.00	0.19	2.00	0.00	9.90	0.01	0.00
0.20	2.00	0.00	9.90	0.01	0.00	0.21	2.00	0.00	9.89	0.01	0.00
0.22	2.00	0.00	9.89	0.01	0.00	0.23	2.00	0.00	9.88	0.01	0.00
0.24	2.00	0.00	9.88	0.01	0.00	0.25	2.00	0.00	9.88	0.01	0.00
0.26	2.00	0.00	9.87	0.01	0.00	0.27	2.00	0.00	9.87	0.01	0.00
0.28	2.00	0.00	9.86	0.01	0.00	0.29	2.00	0.00	9.86	0.01	0.00
0.30	2.00	0.00	9.85	0.01	0.00	0.31	2.00	0.00	9.85	0.01	0.00
0.32	2.00	0.00	9.84	0.01	0.00	0.33	2.00	0.00	9.84	0.01	0.00
0.34	2.00	0.00	9.83	0.01	0.00	0.35	2.00	0.00	9.82	0.01	0.00
0.36	2.00	0.00	9.82	0.01	0.00	0.37	2.00	0.00	9.81	0.01	0.00
0.38	2.00	0.00	9.81	0.01	0.00	0.39	2.00	0.00	9.80	0.01	0.00
0.40	2.00	0.00	9.80	0.01	0.00	0.41	2.00	0.00	9.79	0.01	0.00
0.42	2.00	0.00	9.79	0.01	0.00	0.43	2.00	0.00	9.79	0.01	0.00
0.44	2.00	0.00	9.78	0.01	0.00	0.45	2.00	0.00	9.78	0.01	0.00
0.46	2.00	0.00	9.77	0.01	0.00	0.47	2.00	0.00	9.77	0.01	0.00
0.48	2.00	0.00	9.76	0.01	0.00	0.49	2.00	0.00	9.76	0.01	0.00
0.50	2.00	0.00	9.75	0.01	0.00	0.51	2.00	0.00	9.74	0.01	0.00
0.52	2.00	0.00	9.74	0.01	0.00	0.53	2.00	0.00	9.73	0.01	0.00
0.54	2.00	0.00	9.73	0.01	0.00	0.55	2.00	0.00	9.72	0.01	0.00
0.56	2.00	0.00	9.72	0.01	0.00	0.57	2.00	0.00	9.71	0.01	0.00
0.58	2.00	0.00	9.71	0.01	0.00	0.59	2.00	0.00	9.71	0.01	0.00
0.60	2.00	0.00	9.70	0.01	0.00	0.61	2.00	0.00	9.70	0.01	0.00
0.62	2.00	0.00	9.69	0.01	0.00	0.63	2.00	0.00	9.69	0.01	0.00
0.64	2.00	0.00	9.68	0.01	0.00	0.65	2.00	0.00	9.68	0.01	0.00
0.66	2.00	0.00	9.67	0.01	0.00	0.67	2.00	0.00	9.66	0.01	0.00
0.68	2.00	0.00	9.66	0.01	0.00	0.69	2.00	0.00	9.65	0.01	0.00
0.70	2.00	0.00	9.65	0.01	0.00	0.71	2.00	0.00	9.64	0.01	0.00
0.72	2.00	0.00	9.64	0.01	0.00	0.73	2.00	0.00	9.63	0.01	0.00
0.74	2.00	0.00	9.63	0.01	0.00	0.75	2.00	0.00	9.63	0.01	0.00
0.76	2.00	0.00	9.62	0.01	0.00	0.77	2.00	0.00	9.62	0.01	0.00
0.78	2.00	0.00	9.61	0.01	0.00	0.79	2.00	0.00	9.61	0.01	0.00
0.80	2.00	0.00	9.60	0.01	0.00	0.81	2.00	0.00	9.60	0.01	0.00
0.82	2.00	0.00	9.59	0.01	0.00	0.83	2.00	0.00	9.59	0.01	0.00
0.84	2.00	0.00	9.58	0.01	0.00	0.85	2.00	0.00	9.57	0.01	0.00
0.86	2.00	0.00	9.57	0.01	0.00	0.87	2.00	0.00	9.56	0.01	0.00
0.88	2.00	0.00	9.56	0.01	0.00	0.89	2.00	0.00	9.55	0.01	0.00
0.90	2.00	0.00	9.55	0.01	0.00	0.91	2.00	0.00	9.54	0.01	0.00
0.92	2.00	0.00	9.54	0.01	0.00	0.93	2.00	0.00	9.54	0.01	0.00
0.94	2.00	0.00	9.53	0.01	0.00	0.95	2.00	0.00	9.53	0.01	0.00
0.96	2.00	0.00	9.52	0.01	0.00	0.97	2.00	0.00	9.52	0.01	0.00
0.98	2.00	0.00	9.51	0.01	0.00	0.99	2.00	0.00	9.51	0.01	0.00
1.00	2.00	0.00	9.50	0.01	0.00	1.01	2.00	0.00	9.49	0.01	0.00
1.02	2.00	0.00	9.49	0.01	0.00	1.03	2.00	0.00	9.48	0.01	0.00
1.04	2.00	0.00	9.48	0.01	0.00	1.05	2.00	0.00	9.47	0.01	0.00
1.06	2.00	0.00	9.47	0.01	0.00	1.07	2.00	0.00	9.46	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.08	2.00	0.00	9.46	0.01	0.00	1.09	2.00	0.00	9.46	0.01	0.00
1.10	2.00	0.00	9.45	0.01	0.00	1.11	2.00	0.00	9.45	0.01	0.00
1.12	2.00	0.00	9.44	0.01	0.00	1.13	2.00	0.00	9.44	0.01	0.00
1.14	2.00	0.00	9.43	0.01	0.00	1.15	2.00	0.00	9.43	0.01	0.00
1.16	2.00	0.00	9.42	0.01	0.00	1.17	2.00	0.00	9.41	0.01	0.00
1.18	2.00	0.00	9.41	0.01	0.00	1.19	2.00	0.00	9.40	0.01	0.00
1.20	2.00	0.00	9.40	0.01	0.00	1.21	2.00	0.00	9.39	0.01	0.00
1.22	2.00	0.00	9.39	0.01	0.00	1.23	2.00	0.00	9.38	0.01	0.00
1.24	2.00	0.00	9.38	0.01	0.00	1.25	2.00	0.00	9.38	0.01	0.00
1.26	2.00	0.00	9.37	0.01	0.00	1.27	2.00	0.00	9.37	0.01	0.00
1.28	2.00	0.00	9.36	0.01	0.00	1.29	2.00	0.00	9.36	0.01	0.00
1.30	2.00	0.00	9.35	0.01	0.00	1.31	2.00	0.00	9.35	0.01	0.00
1.32	2.00	0.00	9.34	0.01	0.00	1.33	2.00	0.00	9.34	0.01	0.00
1.34	2.00	0.00	9.33	0.01	0.00	1.35	2.00	0.00	9.32	0.01	0.00
1.36	2.00	0.00	9.32	0.01	0.00	1.37	2.00	0.00	9.31	0.01	0.00
1.38	2.00	0.00	9.31	0.01	0.00	1.39	2.00	0.00	9.30	0.01	0.00
1.40	2.00	0.00	9.30	0.01	0.00	1.41	2.00	0.00	9.29	0.01	0.00
1.42	2.00	0.00	9.29	0.01	0.00	1.43	2.00	0.00	9.29	0.01	0.00
1.44	2.00	0.00	9.28	0.01	0.00	1.45	2.00	0.00	9.28	0.01	0.00
1.46	2.00	0.00	9.27	0.01	0.00	1.47	2.00	0.00	9.27	0.01	0.00
1.48	2.00	0.00	9.26	0.01	0.00	1.49	2.00	0.00	9.26	0.01	0.00
1.50	2.00	0.00	9.25	0.01	0.00	1.51	2.00	0.00	9.24	0.01	0.00
1.52	2.00	0.00	9.24	0.01	0.00	1.53	2.00	0.00	9.23	0.01	0.00
1.54	2.00	0.00	9.23	0.01	0.00	1.55	2.00	0.00	9.22	0.01	0.00
1.56	2.00	0.00	9.22	0.01	0.00	1.57	2.00	0.00	9.21	0.01	0.00
1.58	2.00	0.00	9.21	0.01	0.00	1.59	2.00	0.00	9.21	0.01	0.00
1.60	2.00	0.00	9.20	0.01	0.00	1.61	2.00	0.00	9.20	0.01	0.00
1.62	2.00	0.00	9.19	0.01	0.00	1.63	2.00	0.00	9.19	0.01	0.00
1.64	2.00	0.00	9.18	0.01	0.00	1.65	2.00	0.00	9.18	0.01	0.00
1.66	2.00	0.00	9.17	0.01	0.00	1.67	2.00	0.00	9.16	0.01	0.00
1.68	2.00	0.00	9.16	0.01	0.00	1.69	2.00	0.00	9.15	0.01	0.00
1.70	2.00	0.00	9.15	0.01	0.00	1.71	2.00	0.00	9.14	0.01	0.00
1.72	2.00	0.00	9.14	0.01	0.00	1.73	2.00	0.00	9.13	0.01	0.00
1.74	2.00	0.00	9.13	0.01	0.00	1.75	2.00	0.00	9.13	0.01	0.00
1.76	2.00	0.00	9.12	0.01	0.00	1.77	2.00	0.00	9.12	0.01	0.00
1.78	2.00	0.00	9.11	0.01	0.00	1.79	2.00	0.00	9.11	0.01	0.00
1.80	2.00	0.00	9.10	0.01	0.00	1.81	2.00	0.00	9.10	0.01	0.00
1.82	2.00	0.00	9.09	0.01	0.00	1.83	2.00	0.00	9.09	0.01	0.00
1.84	2.00	0.00	9.08	0.01	0.00	1.85	2.00	0.00	9.07	0.01	0.00
1.86	2.00	0.00	9.07	0.01	0.00	1.87	2.00	0.00	9.06	0.01	0.00
1.88	2.00	0.00	9.06	0.01	0.00	1.89	2.00	0.00	9.05	0.01	0.00
1.90	2.00	0.00	9.05	0.01	0.00	1.91	2.00	0.00	9.04	0.01	0.00
1.92	2.00	0.00	9.04	0.01	0.00	1.93	2.00	0.00	9.04	0.01	0.00
1.94	2.00	0.00	9.03	0.01	0.00	1.95	2.00	0.00	9.03	0.01	0.00
1.96	2.00	0.00	9.02	0.01	0.00	1.97	2.00	0.00	9.02	0.01	0.00
1.98	2.00	0.00	9.01	0.01	0.00	1.99	2.00	0.00	9.01	0.01	0.00
2.00	2.00	0.00	9.00	0.01	0.00	2.01	2.00	0.00	8.99	0.01	0.00
2.02	2.00	0.00	8.99	0.01	0.00	2.03	2.00	0.00	8.98	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.04	2.00	0.00	8.98	0.01	0.00	2.05	2.00	0.00	8.97	0.01	0.00
2.06	2.00	0.00	8.97	0.01	0.00	2.07	2.00	0.00	8.96	0.01	0.00
2.08	2.00	0.00	8.96	0.01	0.00	2.09	2.00	0.00	8.96	0.01	0.00
2.10	2.00	0.00	8.95	0.01	0.00	2.11	2.00	0.00	8.95	0.01	0.00
2.12	2.00	0.00	8.94	0.01	0.00	2.13	2.00	0.00	8.94	0.01	0.00
2.14	2.00	0.00	8.93	0.01	0.00	2.15	2.00	0.00	8.93	0.01	0.00
2.16	2.00	0.00	8.92	0.01	0.00	2.17	2.00	0.00	8.91	0.01	0.00
2.18	2.00	0.00	8.91	0.01	0.00	2.19	2.00	0.00	8.90	0.01	0.00
2.20	2.00	0.00	8.90	0.01	0.00	2.21	2.00	0.00	8.89	0.01	0.00
2.22	2.00	0.00	8.89	0.01	0.00	2.23	2.00	0.00	8.88	0.01	0.00
2.24	2.00	0.00	8.88	0.01	0.00	2.25	2.00	0.00	8.88	0.01	0.00
2.26	2.00	0.00	8.87	0.01	0.00	2.27	2.00	0.00	8.87	0.01	0.00
2.28	2.00	0.00	8.86	0.01	0.00	2.29	2.00	0.00	8.86	0.01	0.00
2.30	2.00	0.00	8.85	0.01	0.00	2.31	2.00	0.00	8.85	0.01	0.00
2.32	2.00	0.00	8.84	0.01	0.00	2.33	2.00	0.00	8.84	0.01	0.00
2.34	2.00	0.00	8.83	0.01	0.00	2.35	2.00	0.00	8.82	0.01	0.00
2.36	2.00	0.00	8.82	0.01	0.00	2.37	2.00	0.00	8.81	0.01	0.00
2.38	2.00	0.00	8.81	0.01	0.00	2.39	2.00	0.00	8.80	0.01	0.00
2.40	2.00	0.00	8.80	0.01	0.00	2.41	2.00	0.00	8.79	0.01	0.00
2.42	2.00	0.00	8.79	0.01	0.00	2.43	2.00	0.00	8.79	0.01	0.00
2.44	2.00	0.00	8.78	0.01	0.00	2.45	2.00	0.00	8.78	0.01	0.00
2.46	2.00	0.00	8.77	0.01	0.00	2.47	2.00	0.00	8.77	0.01	0.00
2.48	2.00	0.00	8.76	0.01	0.00	2.49	2.00	0.00	8.76	0.01	0.00
2.50	2.00	0.00	8.75	0.01	0.00	2.51	2.00	0.00	8.74	0.01	0.00
2.52	2.00	0.00	8.74	0.01	0.00	2.53	2.00	0.00	8.73	0.01	0.00
2.54	2.00	0.00	8.73	0.01	0.00	2.55	2.00	0.00	8.72	0.01	0.00
2.56	2.00	0.00	8.72	0.01	0.00	2.57	2.00	0.00	8.71	0.01	0.00
2.58	2.00	0.00	8.71	0.01	0.00	2.59	2.00	0.00	8.71	0.01	0.00
2.60	2.00	0.00	8.70	0.01	0.00	2.61	2.00	0.00	8.70	0.01	0.00
2.62	2.00	0.00	8.69	0.01	0.00	2.63	2.00	0.00	8.69	0.01	0.00
2.64	2.00	0.00	8.68	0.01	0.00	2.65	2.00	0.00	8.68	0.01	0.00
2.66	2.00	0.00	8.67	0.01	0.00	2.67	2.00	0.00	8.66	0.01	0.00
2.68	2.00	0.00	8.66	0.01	0.00	2.69	2.00	0.00	8.65	0.01	0.00
2.70	2.00	0.00	8.65	0.01	0.00	2.71	2.00	0.00	8.64	0.01	0.00
2.72	2.00	0.00	8.64	0.01	0.00	2.73	2.00	0.00	8.63	0.01	0.00
2.74	2.00	0.00	8.63	0.01	0.00	2.75	2.00	0.00	8.63	0.01	0.00
2.76	2.00	0.00	8.62	0.01	0.00	2.77	2.00	0.00	8.62	0.01	0.00
2.78	2.00	0.00	8.61	0.01	0.00	2.79	2.00	0.00	8.61	0.01	0.00
2.80	2.00	0.00	8.60	0.01	0.00	2.81	2.00	0.00	8.60	0.01	0.00
2.82	2.00	0.00	8.59	0.01	0.00	2.83	2.00	0.00	8.59	0.01	0.00
2.84	2.00	0.00	8.58	0.01	0.00	2.85	2.00	0.00	8.57	0.01	0.00
2.86	2.00	0.00	8.57	0.01	0.00	2.87	2.00	0.00	8.56	0.01	0.00
2.88	2.00	0.00	8.56	0.01	0.00	2.89	2.00	0.00	8.55	0.01	0.00
2.90	2.00	0.00	8.55	0.01	0.00	2.91	2.00	0.00	8.54	0.01	0.00
2.92	2.00	0.00	8.54	0.01	0.00	2.93	2.00	0.00	8.54	0.01	0.00
2.94	2.00	0.00	8.53	0.01	0.00	2.95	2.00	0.00	8.53	0.01	0.00
2.96	2.00	0.00	8.52	0.01	0.00	2.97	2.00	0.00	8.52	0.01	0.00
2.98	2.00	0.00	8.51	0.01	0.00	2.99	2.00	0.00	8.51	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.00	2.00	0.00	8.50	0.01	0.00	3.01	2.00	0.00	8.49	0.01	0.00
3.02	2.00	0.00	8.49	0.01	0.00	3.03	2.00	0.00	8.48	0.01	0.00
3.04	2.00	0.00	8.48	0.01	0.00	3.05	2.00	0.00	8.47	0.01	0.00
3.06	2.00	0.00	8.47	0.01	0.00	3.07	2.00	0.00	8.46	0.01	0.00
3.08	2.00	0.00	8.46	0.01	0.00	3.09	2.00	0.00	8.46	0.01	0.00
3.10	2.00	0.00	8.45	0.01	0.00	3.11	2.00	0.00	8.45	0.01	0.00
3.12	2.00	0.00	8.44	0.01	0.00	3.13	2.00	0.00	8.44	0.01	0.00
3.14	2.00	0.00	8.43	0.01	0.00	3.15	2.00	0.00	8.43	0.01	0.00
3.16	2.00	0.00	8.42	0.01	0.00	3.17	2.00	0.00	8.41	0.01	0.00
3.18	2.00	0.00	8.41	0.01	0.00	3.19	2.00	0.00	8.40	0.01	0.00
3.20	2.00	0.00	8.40	0.01	0.00	3.21	2.00	0.00	8.39	0.01	0.00
3.22	2.00	0.00	8.39	0.01	0.00	3.23	2.00	0.00	8.38	0.01	0.00
3.24	2.00	0.00	8.38	0.01	0.00	3.25	2.00	0.00	8.38	0.01	0.00
3.26	2.00	0.00	8.37	0.01	0.00	3.27	2.00	0.00	8.37	0.01	0.00
3.28	2.00	0.00	8.36	0.01	0.00	3.29	2.00	0.00	8.36	0.01	0.00
3.30	2.00	0.00	8.35	0.01	0.00	3.31	2.00	0.00	8.35	0.01	0.00
3.32	2.00	0.00	8.34	0.01	0.00	3.33	2.00	0.00	8.34	0.01	0.00
3.34	2.00	0.00	8.33	0.01	0.00	3.35	2.00	0.00	8.32	0.01	0.00
3.36	2.00	0.00	8.32	0.01	0.00	3.37	2.00	0.00	8.31	0.01	0.00
3.38	2.00	0.00	8.31	0.01	0.00	3.39	2.00	0.00	8.30	0.01	0.00
3.40	2.00	0.00	8.30	0.01	0.00	3.41	2.00	0.00	8.29	0.01	0.00
3.42	2.00	0.00	8.29	0.01	0.00	3.43	2.00	0.00	8.29	0.01	0.00
3.44	2.00	0.00	8.28	0.01	0.00	3.45	2.00	0.00	8.28	0.01	0.00
3.46	2.00	0.00	8.27	0.01	0.00	3.47	2.00	0.00	8.27	0.01	0.00
3.48	2.00	0.00	8.26	0.01	0.00	3.49	2.00	0.00	8.26	0.01	0.00
3.50	2.00	0.00	8.25	0.01	0.00	3.51	2.00	0.00	8.24	0.01	0.00
3.52	2.00	0.00	8.24	0.01	0.00	3.53	2.00	0.00	8.23	0.01	0.00
3.54	2.00	0.00	8.23	0.01	0.00	3.55	2.00	0.00	8.22	0.01	0.00
3.56	2.00	0.00	8.22	0.01	0.00	3.57	2.00	0.00	8.21	0.01	0.00
3.58	2.00	0.00	8.21	0.01	0.00	3.59	2.00	0.00	8.21	0.01	0.00
3.60	2.00	0.00	8.20	0.01	0.00	3.61	2.00	0.00	8.20	0.01	0.00
3.62	2.00	0.00	8.19	0.01	0.00	3.63	2.00	0.00	8.19	0.01	0.00
3.64	2.00	0.00	8.18	0.01	0.00	3.65	2.00	0.00	8.18	0.01	0.00
3.66	2.00	0.00	8.17	0.01	0.00	3.67	2.00	0.00	8.16	0.01	0.00
3.68	2.00	0.00	8.16	0.01	0.00	3.69	2.00	0.00	8.15	0.01	0.00
3.70	2.00	0.00	8.15	0.01	0.00	3.71	2.00	0.00	8.14	0.01	0.00
3.72	2.00	0.00	8.14	0.01	0.00	3.73	2.00	0.00	8.13	0.01	0.00
3.74	2.00	0.00	8.13	0.01	0.00	3.75	2.00	0.00	8.13	0.01	0.00
3.76	2.00	0.00	8.12	0.01	0.00	3.77	2.00	0.00	8.12	0.01	0.00
3.78	2.00	0.00	8.11	0.01	0.00	3.79	2.00	0.00	8.11	0.01	0.00
3.80	2.00	0.00	8.10	0.01	0.00	3.81	2.00	0.00	8.10	0.01	0.00
3.82	2.00	0.00	8.09	0.01	0.00	3.83	2.00	0.00	8.09	0.01	0.00
3.84	2.00	0.00	8.08	0.01	0.00	3.85	2.00	0.00	8.07	0.01	0.00
3.86	2.00	0.00	8.07	0.01	0.00	3.87	2.00	0.00	8.06	0.01	0.00
3.88	2.00	0.00	8.06	0.01	0.00	3.89	2.00	0.00	8.05	0.01	0.00
3.90	2.00	0.00	8.05	0.01	0.00	3.91	2.00	0.00	8.04	0.01	0.00
3.92	2.00	0.00	8.04	0.01	0.00	3.93	2.00	0.00	8.04	0.01	0.00
3.94	2.00	0.00	8.03	0.01	0.00	3.95	2.00	0.00	8.03	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.96	2.00	0.00	8.02	0.01	0.00	3.97	2.00	0.00	8.02	0.01	0.00
3.98	2.00	0.00	8.01	0.01	0.00	3.99	2.00	0.00	8.01	0.01	0.00
4.00	2.00	0.00	8.00	0.01	0.00	4.01	2.00	0.00	8.00	0.01	0.00
4.02	2.00	0.00	7.99	0.01	0.00	4.03	2.00	0.00	7.99	0.01	0.00
4.04	2.00	0.00	7.98	0.01	0.00	4.05	2.00	0.00	7.97	0.01	0.00
4.06	2.00	0.00	7.97	0.01	0.00	4.07	2.00	0.00	7.96	0.01	0.00
4.08	2.00	0.00	7.96	0.01	0.00	4.09	2.00	0.00	7.96	0.01	0.00
4.10	2.00	0.00	7.95	0.01	0.00	4.11	2.00	0.00	7.95	0.01	0.00
4.12	2.00	0.00	7.94	0.01	0.00	4.13	2.00	0.00	7.93	0.01	0.00
4.14	2.00	0.00	7.93	0.01	0.00	4.15	2.00	0.00	7.92	0.01	0.00
4.16	2.00	0.00	7.92	0.01	0.00	4.17	2.00	0.00	7.92	0.01	0.00
4.18	2.00	0.00	7.91	0.01	0.00	4.19	2.00	0.00	7.91	0.01	0.00
4.20	2.00	0.00	7.90	0.01	0.00	4.21	2.00	0.00	7.89	0.01	0.00
4.22	2.00	0.00	7.89	0.01	0.00	4.23	2.00	0.00	7.88	0.01	0.00
4.24	2.00	0.00	7.88	0.01	0.00	4.25	2.00	0.00	7.88	0.01	0.00
4.26	2.00	0.00	7.87	0.01	0.00	4.27	2.00	0.00	7.87	0.01	0.00
4.28	2.00	0.00	7.86	0.01	0.00	4.29	2.00	0.00	7.86	0.01	0.00
4.30	2.00	0.00	7.85	0.01	0.00	4.31	2.00	0.00	7.84	0.01	0.00
4.32	2.00	0.00	7.84	0.01	0.00	4.33	2.00	0.00	7.83	0.01	0.00
4.34	2.00	0.00	7.83	0.01	0.00	4.35	2.00	0.00	7.83	0.01	0.00
4.36	2.00	0.00	7.82	0.01	0.00	4.37	2.00	0.00	7.82	0.01	0.00
4.38	2.00	0.00	7.81	0.01	0.00	4.39	2.00	0.00	7.80	0.01	0.00
4.40	2.00	0.00	7.80	0.01	0.00	4.41	2.00	0.00	7.79	0.01	0.00
4.42	2.00	0.00	7.79	0.01	0.00	4.43	2.00	0.00	7.79	0.01	0.00
4.44	2.00	0.00	7.78	0.01	0.00	4.45	2.00	0.00	7.78	0.01	0.00
4.46	2.00	0.00	7.77	0.01	0.00	4.47	2.00	0.00	7.76	0.01	0.00
4.48	2.00	0.00	7.76	0.01	0.00	4.49	2.00	0.00	7.75	0.01	0.00
4.50	2.00	0.00	7.75	0.01	0.00	4.51	2.00	0.00	7.75	0.01	0.00
4.52	2.00	0.00	7.74	0.01	0.00	4.53	2.00	0.00	7.74	0.01	0.00
4.54	2.00	0.00	7.73	0.01	0.00	4.55	2.00	0.00	7.72	0.01	0.00
4.56	2.00	0.00	7.72	0.01	0.00	4.57	2.00	0.00	7.71	0.01	0.00
4.58	2.00	0.00	7.71	0.01	0.00	4.59	2.00	0.00	7.71	0.01	0.00
4.60	2.00	0.00	7.70	0.01	0.00	4.61	2.00	0.00	7.70	0.01	0.00
4.62	2.00	0.00	7.69	0.01	0.00	4.63	2.00	0.00	7.68	0.01	0.00
4.64	2.00	0.00	7.68	0.01	0.00	4.65	2.00	0.00	7.67	0.01	0.00
4.66	2.00	0.00	7.67	0.01	0.00	4.67	2.00	0.00	7.67	0.01	0.00
4.68	2.00	0.00	7.66	0.01	0.00	4.69	2.00	0.00	7.66	0.01	0.00
4.70	2.00	0.00	7.65	0.01	0.00	4.71	2.00	0.00	7.64	0.01	0.00
4.72	2.00	0.00	7.64	0.01	0.00	4.73	2.00	0.00	7.63	0.01	0.00
4.74	2.00	0.00	7.63	0.01	0.00	4.75	2.00	0.00	7.63	0.01	0.00
4.76	2.00	0.00	7.62	0.01	0.00	4.77	2.00	0.00	7.62	0.01	0.00
4.78	2.00	0.00	7.61	0.01	0.00	4.79	2.00	0.00	7.61	0.01	0.00
4.80	2.00	0.00	7.60	0.01	0.00	4.81	2.00	0.00	7.59	0.01	0.00
4.82	2.00	0.00	7.59	0.01	0.00	4.83	2.00	0.00	7.58	0.01	0.00
4.84	2.00	0.00	7.58	0.01	0.00	4.85	2.00	0.00	7.58	0.01	0.00
4.86	2.00	0.00	7.57	0.01	0.00	4.87	2.00	0.00	7.57	0.01	0.00
4.88	2.00	0.00	7.56	0.01	0.00	4.89	2.00	0.00	7.55	0.01	0.00
4.90	2.00	0.00	7.55	0.01	0.00	4.91	2.00	0.00	7.54	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.92	2.00	0.00	7.54	0.01	0.00	4.93	2.00	0.00	7.54	0.01	0.00
4.94	2.00	0.00	7.53	0.01	0.00	4.95	2.00	0.00	7.53	0.01	0.00
4.96	2.00	0.00	7.52	0.01	0.00	4.97	2.00	0.00	7.51	0.01	0.00
4.98	2.00	0.00	7.51	0.01	0.00	4.99	2.00	0.00	7.50	0.01	0.00
5.00	2.00	0.00	7.50	0.01	0.00	5.01	2.00	0.00	7.50	0.01	0.00
5.02	2.00	0.00	7.49	0.01	0.00	5.03	2.00	0.00	7.49	0.01	0.00
5.04	2.00	0.00	7.48	0.01	0.00	5.05	2.00	0.00	7.47	0.01	0.00
5.06	2.00	0.00	7.47	0.01	0.00	5.07	2.00	0.00	7.46	0.01	0.00
5.08	2.00	0.00	7.46	0.01	0.00	5.09	2.00	0.00	7.46	0.01	0.00
5.10	2.00	0.00	7.45	0.01	0.00	5.11	2.00	0.00	7.45	0.01	0.00
5.12	2.00	0.00	7.44	0.01	0.00	5.13	2.00	0.00	7.43	0.01	0.00
5.14	2.00	0.00	7.43	0.01	0.00	5.15	2.00	0.00	7.42	0.01	0.00
5.16	2.00	0.00	7.42	0.01	0.00	5.17	2.00	0.00	7.42	0.01	0.00
5.18	2.00	0.00	7.41	0.01	0.00	5.19	2.00	0.00	7.41	0.01	0.00
5.20	2.00	0.00	7.40	0.01	0.00	5.21	2.00	0.00	7.39	0.01	0.00
5.22	2.00	0.00	7.39	0.01	0.00	5.23	2.00	0.00	7.38	0.01	0.00
5.24	2.00	0.00	7.38	0.01	0.00	5.25	2.00	0.00	7.38	0.01	0.00
5.26	2.00	0.00	7.37	0.01	0.00	5.27	2.00	0.00	7.37	0.01	0.00
5.28	2.00	0.00	7.36	0.01	0.00	5.29	2.00	0.00	7.36	0.01	0.00
5.30	2.00	0.00	7.35	0.01	0.00	5.31	2.00	0.00	7.34	0.01	0.00
5.32	2.00	0.00	7.34	0.01	0.00	5.33	2.00	0.00	7.33	0.01	0.00
5.34	2.00	0.00	7.33	0.01	0.00	5.35	2.00	0.00	7.33	0.01	0.00
5.36	2.00	0.00	7.32	0.01	0.00	5.37	2.00	0.00	7.32	0.01	0.00
5.38	2.00	0.00	7.31	0.01	0.00	5.39	2.00	0.00	7.30	0.01	0.00
5.40	2.00	0.00	7.30	0.01	0.00	5.41	2.00	0.00	7.29	0.01	0.00
5.42	2.00	0.00	7.29	0.01	0.00	5.43	2.00	0.00	7.29	0.01	0.00
5.44	2.00	0.00	7.28	0.01	0.00	5.45	2.00	0.00	7.28	0.01	0.00
5.46	2.00	0.00	7.27	0.01	0.00	5.47	2.00	0.00	7.26	0.01	0.00
5.48	2.00	0.00	7.26	0.01	0.00	5.49	2.00	0.00	7.25	0.01	0.00
5.50	2.00	0.00	7.25	0.01	0.00	5.51	2.00	0.00	7.25	0.01	0.00
5.52	2.00	0.00	7.24	0.01	0.00	5.53	2.00	0.00	7.24	0.01	0.00
5.54	2.00	0.00	7.23	0.01	0.00	5.55	2.00	0.00	7.22	0.01	0.00
5.56	2.00	0.00	7.22	0.01	0.00	5.57	2.00	0.00	7.21	0.01	0.00
5.58	2.00	0.00	7.21	0.01	0.00	5.59	2.00	0.00	7.21	0.01	0.00
5.60	2.00	0.00	7.20	0.01	0.00	5.61	2.00	0.00	7.20	0.01	0.00
5.62	2.00	0.00	7.19	0.01	0.00	5.63	2.00	0.00	7.18	0.01	0.00
5.64	2.00	0.00	7.18	0.01	0.00	5.65	2.00	0.00	7.17	0.01	0.00
5.66	2.00	0.00	7.17	0.01	0.00	5.67	2.00	0.00	7.17	0.01	0.00
5.68	2.00	0.00	7.16	0.01	0.00	5.69	2.00	0.00	7.16	0.01	0.00
5.70	2.00	0.00	7.15	0.01	0.00	5.71	2.00	0.00	7.14	0.01	0.00
5.72	2.00	0.00	7.14	0.01	0.00	5.73	2.00	0.00	7.13	0.01	0.00
5.74	2.00	0.00	7.13	0.01	0.00	5.75	2.00	0.00	7.13	0.01	0.00
5.76	2.00	0.00	7.12	0.01	0.00	5.77	2.00	0.00	7.12	0.01	0.00
5.78	2.00	0.00	7.11	0.01	0.00	5.79	2.00	0.00	7.11	0.01	0.00
5.80	2.00	0.00	7.10	0.01	0.00	5.81	2.00	0.00	7.09	0.01	0.00
5.82	2.00	0.00	7.09	0.01	0.00	5.83	2.00	0.00	7.08	0.01	0.00
5.84	2.00	0.00	7.08	0.01	0.00	5.85	2.00	0.00	7.08	0.01	0.00
5.86	2.00	0.00	7.07	0.01	0.00	5.87	2.00	0.00	7.07	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.88	2.00	0.00	7.06	0.01	0.00	5.89	2.00	0.00	7.05	0.01	0.00
5.90	2.00	0.00	7.05	0.01	0.00	5.91	2.00	0.00	7.04	0.01	0.00
5.92	2.00	0.00	7.04	0.01	0.00	5.93	2.00	0.00	7.04	0.01	0.00
5.94	2.00	0.00	7.03	0.01	0.00	5.95	2.00	0.00	7.03	0.01	0.00
5.96	2.00	0.00	7.02	0.01	0.00	5.97	2.00	0.00	7.01	0.01	0.00
5.98	2.00	0.00	7.01	0.01	0.00	5.99	2.00	0.00	7.00	0.01	0.00
6.00	2.00	0.00	7.00	0.01	0.00	6.01	2.00	0.00	7.00	0.01	0.00
6.02	2.00	0.00	6.99	0.01	0.00	6.03	2.00	0.00	6.99	0.01	0.00
6.04	2.00	0.00	6.98	0.01	0.00	6.05	2.00	0.00	6.97	0.01	0.00
6.06	2.00	0.00	6.97	0.01	0.00	6.07	2.00	0.00	6.96	0.01	0.00
6.08	2.00	0.00	6.96	0.01	0.00	6.09	2.00	0.00	6.96	0.01	0.00
6.10	2.00	0.00	6.95	0.01	0.00	6.11	2.00	0.00	6.95	0.01	0.00
6.12	2.00	0.00	6.94	0.01	0.00	6.13	2.00	0.00	6.93	0.01	0.00
6.14	2.00	0.00	6.93	0.01	0.00	6.15	2.00	0.00	6.92	0.01	0.00
6.16	2.00	0.00	6.92	0.01	0.00	6.17	2.00	0.00	6.92	0.01	0.00
6.18	2.00	0.00	6.91	0.01	0.00	6.19	2.00	0.00	6.91	0.01	0.00
6.20	2.00	0.00	6.90	0.01	0.00	6.21	2.00	0.00	6.89	0.01	0.00
6.22	2.00	0.00	6.89	0.01	0.00	6.23	2.00	0.00	6.88	0.01	0.00
6.24	2.00	0.00	6.88	0.01	0.00	6.25	2.00	0.00	6.88	0.01	0.00
6.26	2.00	0.00	6.87	0.01	0.00	6.27	2.00	0.00	6.87	0.01	0.00
6.28	2.00	0.00	6.86	0.01	0.00	6.29	2.00	0.00	6.86	0.01	0.00
6.30	2.00	0.00	6.85	0.01	0.00	6.31	2.00	0.00	6.84	0.01	0.00
6.32	2.00	0.00	6.84	0.01	0.00	6.33	2.00	0.00	6.83	0.01	0.00
6.34	2.00	0.00	6.83	0.01	0.00	6.35	2.00	0.00	6.83	0.01	0.00
6.36	2.00	0.00	6.82	0.01	0.00	6.37	2.00	0.00	6.82	0.01	0.00
6.38	2.00	0.00	6.81	0.01	0.00	6.39	2.00	0.00	6.80	0.01	0.00
6.40	2.00	0.00	6.80	0.01	0.00	6.41	2.00	0.00	6.79	0.01	0.00
6.42	2.00	0.00	6.79	0.01	0.00	6.43	2.00	0.00	6.79	0.01	0.00
6.44	2.00	0.00	6.78	0.01	0.00	6.45	2.00	0.00	6.78	0.01	0.00
6.46	2.00	0.00	6.77	0.01	0.00	6.47	2.00	0.00	6.76	0.01	0.00
6.48	2.00	0.00	6.76	0.01	0.00	6.49	2.00	0.00	6.75	0.01	0.00
6.50	2.00	0.00	6.75	0.01	0.00	6.51	2.00	0.00	6.75	0.01	0.00
6.52	2.00	0.00	6.74	0.01	0.00	6.53	2.00	0.00	6.74	0.01	0.00
6.54	2.00	0.00	6.73	0.01	0.00	6.55	2.00	0.00	6.72	0.01	0.00
6.56	2.00	0.00	6.72	0.01	0.00	6.57	2.00	0.00	6.71	0.01	0.00
6.58	2.00	0.00	6.71	0.01	0.00	6.59	2.00	0.00	6.71	0.01	0.00
6.60	2.00	0.00	6.70	0.01	0.00	6.61	2.00	0.00	6.70	0.01	0.00
6.62	2.00	0.00	6.69	0.01	0.00	6.63	2.00	0.00	6.68	0.01	0.00
6.64	2.00	0.00	6.68	0.01	0.00	6.65	2.00	0.00	6.67	0.01	0.00
6.66	2.00	0.00	6.67	0.01	0.00	6.67	2.00	0.00	6.67	0.01	0.00
6.68	2.00	0.00	6.66	0.01	0.00	6.69	2.00	0.00	6.66	0.01	0.00
6.70	2.00	0.00	6.65	0.01	0.00	6.71	2.00	0.00	6.64	0.01	0.00
6.72	2.00	0.00	6.64	0.01	0.00	6.73	2.00	0.00	6.63	0.01	0.00
6.74	2.00	0.00	6.63	0.01	0.00	6.75	2.00	0.00	6.63	0.01	0.00
6.76	2.00	0.00	6.62	0.01	0.00	6.77	2.00	0.00	6.62	0.01	0.00
6.78	2.00	0.00	6.61	0.01	0.00	6.79	2.00	0.00	6.61	0.01	0.00
6.80	2.00	0.00	6.60	0.01	0.00	6.81	2.00	0.00	6.59	0.01	0.00
6.82	2.00	0.00	6.59	0.01	0.00	6.83	2.00	0.00	6.58	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.84	2.00	0.00	6.58	0.01	0.00	6.85	2.00	0.00	6.58	0.01	0.00
6.86	2.00	0.00	6.57	0.01	0.00	6.87	2.00	0.00	6.57	0.01	0.00
6.88	2.00	0.00	6.56	0.01	0.00	6.89	2.00	0.00	6.55	0.01	0.00
6.90	2.00	0.00	6.55	0.01	0.00	6.91	2.00	0.00	6.54	0.01	0.00
6.92	2.00	0.00	6.54	0.01	0.00	6.93	2.00	0.00	6.54	0.01	0.00
6.94	2.00	0.00	6.53	0.01	0.00	6.95	2.00	0.00	6.53	0.01	0.00
6.96	2.00	0.00	6.52	0.01	0.00	6.97	2.00	0.00	6.51	0.01	0.00
6.98	2.00	0.00	6.51	0.01	0.00	6.99	2.00	0.00	6.50	0.01	0.00
7.00	2.00	0.00	6.50	0.01	0.00	7.01	2.00	0.00	6.50	0.01	0.00
7.02	2.00	0.00	6.49	0.01	0.00	7.03	2.00	0.00	6.49	0.01	0.00
7.04	2.00	0.00	6.48	0.01	0.00	7.05	2.00	0.00	6.47	0.01	0.00
7.06	2.00	0.00	6.47	0.01	0.00	7.07	2.00	0.00	6.46	0.01	0.00
7.08	2.00	0.00	6.46	0.01	0.00	7.09	2.00	0.00	6.46	0.01	0.00
7.10	2.00	0.00	6.45	0.01	0.00	7.11	2.00	0.00	6.45	0.01	0.00
7.12	2.00	0.00	6.44	0.01	0.00	7.13	2.00	0.00	6.43	0.01	0.00
7.14	2.00	0.00	6.43	0.01	0.00	7.15	2.00	0.00	6.42	0.01	0.00
7.16	2.00	0.00	6.42	0.01	0.00	7.17	2.00	0.00	6.42	0.01	0.00
7.18	2.00	0.00	6.41	0.01	0.00	7.19	2.00	0.00	6.41	0.01	0.00
7.20	2.00	0.00	6.40	0.01	0.00	7.21	2.00	0.00	6.39	0.01	0.00
7.22	2.00	0.00	6.39	0.01	0.00	7.23	2.00	0.00	6.38	0.01	0.00
7.24	2.00	0.00	6.38	0.01	0.00	7.25	2.00	0.00	6.38	0.01	0.00
7.26	2.00	0.00	6.37	0.01	0.00	7.27	2.00	0.00	6.37	0.01	0.00
7.28	2.00	0.00	6.36	0.01	0.00	7.29	2.00	0.00	6.36	0.01	0.00
7.30	2.00	0.00	6.35	0.01	0.00	7.31	2.00	0.00	6.34	0.01	0.00
7.32	2.00	0.00	6.34	0.01	0.00	7.33	2.00	0.00	6.33	0.01	0.00
7.34	2.00	0.00	6.33	0.01	0.00	7.35	2.00	0.00	6.33	0.01	0.00
7.36	2.00	0.00	6.32	0.01	0.00	7.37	2.00	0.00	6.32	0.01	0.00
7.38	2.00	0.00	6.31	0.01	0.00	7.39	2.00	0.00	6.30	0.01	0.00
7.40	2.00	0.00	6.30	0.01	0.00	7.41	2.00	0.00	6.29	0.01	0.00
7.42	2.00	0.00	6.29	0.01	0.00	7.43	2.00	0.00	6.29	0.01	0.00
7.44	2.00	0.00	6.28	0.01	0.00	7.45	2.00	0.00	6.28	0.01	0.00
7.46	2.00	0.00	6.27	0.01	0.00	7.47	2.00	0.00	6.26	0.01	0.00
7.48	2.00	0.00	6.26	0.01	0.00	7.49	2.00	0.00	6.25	0.01	0.00
7.50	2.00	0.00	6.25	0.01	0.00	7.51	2.00	0.00	6.25	0.01	0.00
7.52	2.00	0.00	6.24	0.01	0.00	7.53	2.00	0.00	6.24	0.01	0.00
7.54	2.00	0.00	6.23	0.01	0.00	7.55	2.00	0.00	6.22	0.01	0.00
7.56	2.00	0.00	6.22	0.01	0.00	7.57	2.00	0.00	6.21	0.01	0.00
7.58	2.00	0.00	6.21	0.01	0.00	7.59	2.00	0.00	6.21	0.01	0.00
7.60	2.00	0.00	6.20	0.01	0.00	7.61	2.00	0.00	6.20	0.01	0.00
7.62	2.00	0.00	6.19	0.01	0.00	7.63	2.00	0.00	6.18	0.01	0.00
7.64	2.00	0.00	6.18	0.01	0.00	7.65	2.00	0.00	6.17	0.01	0.00
7.66	2.00	0.00	6.17	0.01	0.00	7.67	2.00	0.00	6.17	0.01	0.00
7.68	2.00	0.00	6.16	0.01	0.00	7.69	2.00	0.00	6.16	0.01	0.00
7.70	2.00	0.00	6.15	0.01	0.00	7.71	2.00	0.00	6.14	0.01	0.00
7.72	2.00	0.00	6.14	0.01	0.00	7.73	2.00	0.00	6.13	0.01	0.00
7.74	2.00	0.00	6.13	0.01	0.00	7.75	2.00	0.00	6.13	0.01	0.00
7.76	2.00	0.00	6.12	0.01	0.00	7.77	2.00	0.00	6.12	0.01	0.00
7.78	2.00	0.00	6.11	0.01	0.00	7.79	2.00	0.00	6.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.80	2.00	0.00	6.10	0.01	0.00	7.81	2.00	0.00	6.09	0.01	0.00
7.82	2.00	0.00	6.09	0.01	0.00	7.83	2.00	0.00	6.08	0.01	0.00
7.84	2.00	0.00	6.08	0.01	0.00	7.85	2.00	0.00	6.08	0.01	0.00
7.86	2.00	0.00	6.07	0.01	0.00	7.87	2.00	0.00	6.07	0.01	0.00
7.88	2.00	0.00	6.06	0.01	0.00	7.89	2.00	0.00	6.05	0.01	0.00
7.90	2.00	0.00	6.05	0.01	0.00	7.91	2.00	0.00	6.04	0.01	0.00
7.92	2.00	0.00	6.04	0.01	0.00	7.93	2.00	0.00	6.04	0.01	0.00
7.94	2.00	0.00	6.03	0.01	0.00	7.95	2.00	0.00	6.03	0.01	0.00
7.96	2.00	0.00	6.02	0.01	0.00	7.97	2.00	0.00	6.01	0.01	0.00
7.98	2.00	0.00	6.01	0.01	0.00	7.99	2.00	0.00	6.00	0.01	0.00
8.00	2.00	0.00	6.00	0.01	0.00	8.01	2.00	0.00	6.00	0.01	0.00
8.02	2.00	0.00	5.99	0.01	0.00	8.03	2.00	0.00	5.99	0.01	0.00
8.04	2.00	0.00	5.98	0.01	0.00	8.05	2.00	0.00	5.97	0.01	0.00
8.06	2.00	0.00	5.97	0.01	0.00	8.07	2.00	0.00	5.96	0.01	0.00
8.08	2.00	0.00	5.96	0.01	0.00	8.09	2.00	0.00	5.96	0.01	0.00
8.10	2.00	0.00	5.95	0.01	0.00	8.11	2.00	0.00	5.95	0.01	0.00
8.12	2.00	0.00	5.94	0.01	0.00	8.13	2.00	0.00	5.93	0.01	0.00
8.14	2.00	0.00	5.93	0.01	0.00	8.15	2.00	0.00	5.92	0.01	0.00
8.16	2.00	0.00	5.92	0.01	0.00	8.17	2.00	0.00	5.92	0.01	0.00
8.18	2.00	0.00	5.91	0.01	0.00	8.19	2.00	0.00	5.91	0.01	0.00
8.20	2.00	0.00	5.90	0.01	0.00	8.21	2.00	0.00	5.89	0.01	0.00
8.22	2.00	0.00	5.89	0.01	0.00	8.23	2.00	0.00	5.88	0.01	0.00
8.24	2.00	0.00	5.88	0.01	0.00	8.25	2.00	0.00	5.88	0.01	0.00
8.26	2.00	0.00	5.87	0.01	0.00	8.27	2.00	0.00	5.87	0.01	0.00
8.28	2.00	0.00	5.86	0.01	0.00	8.29	2.00	0.00	5.86	0.01	0.00
8.30	2.00	0.00	5.85	0.01	0.00	8.31	2.00	0.00	5.84	0.01	0.00
8.32	2.00	0.00	5.84	0.01	0.00	8.33	2.00	0.00	5.83	0.01	0.00
8.34	2.00	0.00	5.83	0.01	0.00	8.35	2.00	0.00	5.83	0.01	0.00
8.36	2.00	0.00	5.82	0.01	0.00	8.37	2.00	0.00	5.82	0.01	0.00
8.38	2.00	0.00	5.81	0.01	0.00	8.39	2.00	0.00	5.80	0.01	0.00
8.40	2.00	0.00	5.80	0.01	0.00	8.41	2.00	0.00	5.79	0.01	0.00
8.42	2.00	0.00	5.79	0.01	0.00	8.43	2.00	0.00	5.79	0.01	0.00
8.44	2.00	0.00	5.78	0.01	0.00	8.45	2.00	0.00	5.78	0.01	0.00
8.46	2.00	0.00	5.77	0.01	0.00	8.47	2.00	0.00	5.76	0.01	0.00
8.48	2.00	0.00	5.76	0.01	0.00	8.49	2.00	0.00	5.75	0.01	0.00
8.50	2.00	0.00	5.75	0.01	0.00	8.51	2.00	0.00	5.75	0.01	0.00
8.52	2.00	0.00	5.74	0.01	0.00	8.53	2.00	0.00	5.74	0.01	0.00
8.54	2.00	0.00	5.73	0.01	0.00	8.55	2.00	0.00	5.72	0.01	0.00
8.56	2.00	0.00	5.72	0.01	0.00	8.57	2.00	0.00	5.71	0.01	0.00
8.58	2.00	0.00	5.71	0.01	0.00	8.59	2.00	0.00	5.71	0.01	0.00
8.60	2.00	0.00	5.70	0.01	0.00	8.61	2.00	0.00	5.70	0.01	0.00
8.62	2.00	0.00	5.69	0.01	0.00	8.63	2.00	0.00	5.68	0.01	0.00
8.64	2.00	0.00	5.68	0.01	0.00	8.65	2.00	0.00	5.67	0.01	0.00
8.66	2.00	0.00	5.67	0.01	0.00	8.67	2.00	0.00	5.67	0.01	0.00
8.68	2.00	0.00	5.66	0.01	0.00	8.69	2.00	0.00	5.66	0.01	0.00
8.70	2.00	0.00	5.65	0.01	0.00	8.71	2.00	0.00	5.64	0.01	0.00
8.72	2.00	0.00	5.64	0.01	0.00	8.73	2.00	0.00	5.63	0.01	0.00
8.74	2.00	0.00	5.63	0.01	0.00	8.75	2.00	0.00	5.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.76	2.00	0.00	5.62	0.01	0.00	8.77	2.00	0.00	5.62	0.01	0.00
8.78	2.00	0.00	5.61	0.01	0.00	8.79	2.00	0.00	5.61	0.01	0.00
8.80	2.00	0.00	5.60	0.01	0.00	8.81	2.00	0.00	5.59	0.01	0.00
8.82	2.00	0.00	5.59	0.01	0.00	8.83	2.00	0.00	5.58	0.01	0.00
8.84	2.00	0.00	5.58	0.01	0.00	8.85	2.00	0.00	5.58	0.01	0.00
8.86	2.00	0.00	5.57	0.01	0.00	8.87	2.00	0.00	5.57	0.01	0.00
8.88	2.00	0.00	5.56	0.01	0.00	8.89	2.00	0.00	5.55	0.01	0.00
8.90	2.00	0.00	5.55	0.01	0.00	8.91	2.00	0.00	5.54	0.01	0.00
8.92	2.00	0.00	5.54	0.01	0.00	8.93	2.00	0.00	5.54	0.01	0.00
8.94	2.00	0.00	5.53	0.01	0.00	8.95	2.00	0.00	5.53	0.01	0.00
8.96	0.57	0.43	5.52	0.01	0.02	8.97	0.56	0.44	5.51	0.01	0.02
8.98	0.57	0.43	5.51	0.01	0.02	8.99	0.57	0.43	5.50	0.01	0.02
9.00	0.56	0.44	5.50	0.01	0.02	9.01	0.56	0.44	5.50	0.01	0.02
9.02	0.56	0.44	5.49	0.01	0.02	9.03	0.56	0.44	5.49	0.01	0.02
9.04	0.56	0.44	5.48	0.01	0.02	9.05	0.57	0.43	5.47	0.01	0.02
9.06	0.57	0.43	5.47	0.01	0.02	9.07	0.58	0.42	5.46	0.01	0.02
9.08	0.58	0.42	5.46	0.01	0.02	9.09	0.58	0.42	5.46	0.01	0.02
9.10	2.00	0.00	5.45	0.01	0.00	9.11	2.00	0.00	5.45	0.01	0.00
9.12	2.00	0.00	5.44	0.01	0.00	9.13	2.00	0.00	5.43	0.01	0.00
9.14	2.00	0.00	5.43	0.01	0.00	9.15	2.00	0.00	5.42	0.01	0.00
9.16	2.00	0.00	5.42	0.01	0.00	9.17	2.00	0.00	5.42	0.01	0.00
9.18	2.00	0.00	5.41	0.01	0.00	9.19	2.00	0.00	5.41	0.01	0.00
9.20	2.00	0.00	5.40	0.01	0.00	9.21	2.00	0.00	5.39	0.01	0.00
9.22	2.00	0.00	5.39	0.01	0.00	9.23	2.00	0.00	5.38	0.01	0.00
9.24	2.00	0.00	5.38	0.01	0.00	9.25	2.00	0.00	5.38	0.01	0.00
9.26	2.00	0.00	5.37	0.01	0.00	9.27	2.00	0.00	5.37	0.01	0.00
9.28	2.00	0.00	5.36	0.01	0.00	9.29	2.00	0.00	5.36	0.01	0.00
9.30	2.00	0.00	5.35	0.01	0.00	9.31	0.61	0.39	5.34	0.01	0.02
9.32	0.61	0.39	5.34	0.01	0.02	9.33	0.61	0.39	5.33	0.01	0.02
9.34	0.61	0.39	5.33	0.01	0.02	9.35	0.62	0.38	5.33	0.01	0.02
9.36	0.64	0.36	5.32	0.01	0.02	9.37	0.67	0.33	5.32	0.01	0.02
9.38	0.71	0.29	5.31	0.01	0.02	9.39	0.76	0.24	5.30	0.01	0.01
9.40	0.79	0.21	5.30	0.01	0.01	9.41	0.80	0.20	5.29	0.01	0.01
9.42	0.80	0.20	5.29	0.01	0.01	9.43	0.80	0.20	5.29	0.01	0.01
9.44	0.80	0.20	5.28	0.01	0.01	9.45	0.80	0.20	5.28	0.01	0.01
9.46	0.82	0.18	5.27	0.01	0.01	9.47	0.83	0.17	5.26	0.01	0.01
9.48	0.84	0.16	5.26	0.01	0.01	9.49	0.84	0.16	5.25	0.01	0.01
9.50	0.84	0.16	5.25	0.01	0.01	9.51	0.84	0.16	5.25	0.01	0.01
9.52	0.84	0.16	5.24	0.01	0.01	9.53	0.84	0.16	5.24	0.01	0.01
9.54	0.85	0.15	5.23	0.01	0.01	9.55	0.86	0.14	5.22	0.01	0.01
9.56	0.88	0.12	5.22	0.01	0.01	9.57	0.92	0.08	5.21	0.01	0.00
9.58	0.98	0.02	5.21	0.01	0.00	9.59	1.05	0.00	5.21	0.01	0.00
9.60	1.13	0.00	5.20	0.01	0.00	9.61	1.23	0.00	5.20	0.01	0.00
9.62	1.32	0.00	5.19	0.01	0.00	9.63	1.36	0.00	5.18	0.01	0.00
9.64	2.00	0.00	5.18	0.01	0.00	9.65	2.00	0.00	5.17	0.01	0.00
9.66	2.00	0.00	5.17	0.01	0.00	9.67	2.00	0.00	5.17	0.01	0.00
9.68	2.00	0.00	5.16	0.01	0.00	9.69	2.00	0.00	5.16	0.01	0.00
9.70	2.00	0.00	5.15	0.01	0.00	9.71	2.00	0.00	5.14	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.72	2.00	0.00	5.14	0.01	0.00	9.73	2.00	0.00	5.13	0.01	0.00
9.74	2.00	0.00	5.13	0.01	0.00	9.75	2.00	0.00	5.13	0.01	0.00
9.76	2.00	0.00	5.12	0.01	0.00	9.77	2.00	0.00	5.12	0.01	0.00
9.78	2.00	0.00	5.11	0.01	0.00	9.79	2.00	0.00	5.11	0.01	0.00
9.80	2.00	0.00	5.10	0.01	0.00	9.81	2.00	0.00	5.09	0.01	0.00
9.82	2.00	0.00	5.09	0.01	0.00	9.83	2.00	0.00	5.08	0.01	0.00
9.84	2.00	0.00	5.08	0.01	0.00	9.85	2.00	0.00	5.08	0.01	0.00
9.86	2.00	0.00	5.07	0.01	0.00	9.87	2.00	0.00	5.07	0.01	0.00
9.88	2.00	0.00	5.06	0.01	0.00	9.89	2.00	0.00	5.05	0.01	0.00
9.90	2.00	0.00	5.05	0.01	0.00	9.91	2.00	0.00	5.04	0.01	0.00
9.92	2.00	0.00	5.04	0.01	0.00	9.93	2.00	0.00	5.04	0.01	0.00
9.94	2.00	0.00	5.03	0.01	0.00	9.95	2.00	0.00	5.03	0.01	0.00
9.96	2.00	0.00	5.02	0.01	0.00	9.97	2.00	0.00	5.01	0.01	0.00
9.98	2.00	0.00	5.01	0.01	0.00	9.99	2.00	0.00	5.00	0.01	0.00
10.00	2.00	0.00	5.00	0.01	0.00	10.01	2.00	0.00	5.00	0.01	0.00
10.02	2.00	0.00	4.99	0.01	0.00	10.03	2.00	0.00	4.99	0.01	0.00
10.04	2.00	0.00	4.98	0.01	0.00	10.05	2.00	0.00	4.97	0.01	0.00
10.06	2.00	0.00	4.97	0.01	0.00	10.07	2.00	0.00	4.96	0.01	0.00
10.08	2.00	0.00	4.96	0.01	0.00	10.09	2.00	0.00	4.96	0.01	0.00
10.10	2.00	0.00	4.95	0.01	0.00	10.11	2.00	0.00	4.95	0.01	0.00
10.12	2.00	0.00	4.94	0.01	0.00	10.13	2.00	0.00	4.93	0.01	0.00
10.14	2.00	0.00	4.93	0.01	0.00	10.15	2.00	0.00	4.92	0.01	0.00
10.16	2.00	0.00	4.92	0.01	0.00	10.17	2.00	0.00	4.92	0.01	0.00
10.18	2.00	0.00	4.91	0.01	0.00	10.19	2.00	0.00	4.91	0.01	0.00
10.20	2.00	0.00	4.90	0.01	0.00	10.21	2.00	0.00	4.89	0.01	0.00
10.22	2.00	0.00	4.89	0.01	0.00	10.23	2.00	0.00	4.88	0.01	0.00
10.24	2.00	0.00	4.88	0.01	0.00	10.25	2.00	0.00	4.88	0.01	0.00
10.26	2.00	0.00	4.87	0.01	0.00	10.27	2.00	0.00	4.87	0.01	0.00
10.28	2.00	0.00	4.86	0.01	0.00	10.29	2.00	0.00	4.86	0.01	0.00
10.30	2.00	0.00	4.85	0.01	0.00	10.31	2.00	0.00	4.84	0.01	0.00
10.32	2.00	0.00	4.84	0.01	0.00	10.33	2.00	0.00	4.83	0.01	0.00
10.34	2.00	0.00	4.83	0.01	0.00	10.35	2.00	0.00	4.83	0.01	0.00
10.36	2.00	0.00	4.82	0.01	0.00	10.37	2.00	0.00	4.82	0.01	0.00
10.38	2.00	0.00	4.81	0.01	0.00	10.39	2.00	0.00	4.80	0.01	0.00
10.40	2.00	0.00	4.80	0.01	0.00	10.41	2.00	0.00	4.79	0.01	0.00
10.42	2.00	0.00	4.79	0.01	0.00	10.43	2.00	0.00	4.79	0.01	0.00
10.44	2.00	0.00	4.78	0.01	0.00	10.45	2.00	0.00	4.78	0.01	0.00
10.46	2.00	0.00	4.77	0.01	0.00	10.47	2.00	0.00	4.76	0.01	0.00
10.48	2.00	0.00	4.76	0.01	0.00	10.49	2.00	0.00	4.75	0.01	0.00
10.50	2.00	0.00	4.75	0.01	0.00	10.51	2.00	0.00	4.75	0.01	0.00
10.52	2.00	0.00	4.74	0.01	0.00	10.53	2.00	0.00	4.74	0.01	0.00
10.54	2.00	0.00	4.73	0.01	0.00	10.55	2.00	0.00	4.72	0.01	0.00
10.56	2.00	0.00	4.72	0.01	0.00	10.57	2.00	0.00	4.71	0.01	0.00
10.58	2.00	0.00	4.71	0.01	0.00	10.59	2.00	0.00	4.71	0.01	0.00
10.60	2.00	0.00	4.70	0.01	0.00	10.61	2.00	0.00	4.70	0.01	0.00
10.62	2.00	0.00	4.69	0.01	0.00	10.63	2.00	0.00	4.68	0.01	0.00
10.64	2.00	0.00	4.68	0.01	0.00	10.65	2.00	0.00	4.67	0.01	0.00
10.66	2.00	0.00	4.67	0.01	0.00	10.67	2.00	0.00	4.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.68	2.00	0.00	4.66	0.01	0.00	10.69	2.00	0.00	4.66	0.01	0.00
10.70	2.00	0.00	4.65	0.01	0.00	10.71	2.00	0.00	4.64	0.01	0.00
10.72	2.00	0.00	4.64	0.01	0.00	10.73	2.00	0.00	4.63	0.01	0.00
10.74	2.00	0.00	4.63	0.01	0.00	10.75	2.00	0.00	4.63	0.01	0.00
10.76	2.00	0.00	4.62	0.01	0.00	10.77	2.00	0.00	4.62	0.01	0.00
10.78	2.00	0.00	4.61	0.01	0.00	10.79	2.00	0.00	4.61	0.01	0.00
10.80	2.00	0.00	4.60	0.01	0.00	10.81	2.00	0.00	4.59	0.01	0.00
10.82	2.00	0.00	4.59	0.01	0.00	10.83	2.00	0.00	4.58	0.01	0.00
10.84	2.00	0.00	4.58	0.01	0.00	10.85	2.00	0.00	4.58	0.01	0.00
10.86	2.00	0.00	4.57	0.01	0.00	10.87	2.00	0.00	4.57	0.01	0.00
10.88	2.00	0.00	4.56	0.01	0.00	10.89	2.00	0.00	4.55	0.01	0.00
10.90	2.00	0.00	4.55	0.01	0.00	10.91	2.00	0.00	4.54	0.01	0.00
10.92	2.00	0.00	4.54	0.01	0.00	10.93	2.00	0.00	4.54	0.01	0.00
10.94	2.00	0.00	4.53	0.01	0.00	10.95	2.00	0.00	4.53	0.01	0.00
10.96	2.00	0.00	4.52	0.01	0.00	10.97	2.00	0.00	4.51	0.01	0.00
10.98	2.00	0.00	4.51	0.01	0.00	10.99	2.00	0.00	4.50	0.01	0.00
11.00	2.00	0.00	4.50	0.01	0.00	11.01	2.00	0.00	4.50	0.01	0.00
11.02	2.00	0.00	4.49	0.01	0.00	11.03	2.00	0.00	4.49	0.01	0.00
11.04	2.00	0.00	4.48	0.01	0.00	11.05	2.00	0.00	4.47	0.01	0.00
11.06	2.00	0.00	4.47	0.01	0.00	11.07	2.00	0.00	4.46	0.01	0.00
11.08	2.00	0.00	4.46	0.01	0.00	11.09	2.00	0.00	4.46	0.01	0.00
11.10	2.00	0.00	4.45	0.01	0.00	11.11	2.00	0.00	4.45	0.01	0.00
11.12	2.00	0.00	4.44	0.01	0.00	11.13	2.00	0.00	4.43	0.01	0.00
11.14	2.00	0.00	4.43	0.01	0.00	11.15	2.00	0.00	4.42	0.01	0.00
11.16	2.00	0.00	4.42	0.01	0.00	11.17	2.00	0.00	4.42	0.01	0.00
11.18	2.00	0.00	4.41	0.01	0.00	11.19	2.00	0.00	4.41	0.01	0.00
11.20	2.00	0.00	4.40	0.01	0.00	11.21	2.00	0.00	4.39	0.01	0.00
11.22	2.00	0.00	4.39	0.01	0.00	11.23	2.00	0.00	4.38	0.01	0.00
11.24	2.00	0.00	4.38	0.01	0.00	11.25	2.00	0.00	4.38	0.01	0.00
11.26	2.00	0.00	4.37	0.01	0.00	11.27	2.00	0.00	4.37	0.01	0.00
11.28	2.00	0.00	4.36	0.01	0.00	11.29	2.00	0.00	4.36	0.01	0.00
11.30	2.00	0.00	4.35	0.01	0.00	11.31	2.00	0.00	4.34	0.01	0.00
11.32	0.71	0.29	4.34	0.01	0.01	11.33	0.71	0.29	4.33	0.01	0.01
11.34	0.71	0.29	4.33	0.01	0.01	11.35	0.71	0.29	4.33	0.01	0.01
11.36	0.71	0.29	4.32	0.01	0.01	11.37	0.71	0.29	4.32	0.01	0.01
11.38	0.71	0.29	4.31	0.01	0.01	11.39	0.71	0.29	4.30	0.01	0.01
11.40	0.71	0.29	4.30	0.01	0.01	11.41	0.71	0.29	4.29	0.01	0.01
11.42	0.72	0.28	4.29	0.01	0.01	11.43	0.72	0.28	4.29	0.01	0.01
11.44	0.73	0.27	4.28	0.01	0.01	11.45	0.73	0.27	4.28	0.01	0.01
11.46	0.73	0.27	4.27	0.01	0.01	11.47	0.73	0.27	4.26	0.01	0.01
11.48	0.74	0.26	4.26	0.01	0.01	11.49	0.76	0.24	4.25	0.01	0.01
11.50	2.00	0.00	4.25	0.01	0.00	11.51	2.00	0.00	4.25	0.01	0.00
11.52	2.00	0.00	4.24	0.01	0.00	11.53	2.00	0.00	4.24	0.01	0.00
11.54	2.00	0.00	4.23	0.01	0.00	11.55	2.00	0.00	4.22	0.01	0.00
11.56	2.00	0.00	4.22	0.01	0.00	11.57	2.00	0.00	4.21	0.01	0.00
11.58	2.00	0.00	4.21	0.01	0.00	11.59	2.00	0.00	4.21	0.01	0.00
11.60	2.00	0.00	4.20	0.01	0.00	11.61	0.90	0.10	4.20	0.01	0.00
11.62	0.90	0.10	4.19	0.01	0.00	11.63	0.90	0.10	4.18	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.64	0.90	0.10	4.18	0.01	0.00	11.65	0.90	0.10	4.17	0.01	0.00
11.66	2.00	0.00	4.17	0.01	0.00	11.67	2.00	0.00	4.17	0.01	0.00
11.68	2.00	0.00	4.16	0.01	0.00	11.69	2.00	0.00	4.16	0.01	0.00
11.70	2.00	0.00	4.15	0.01	0.00	11.71	2.00	0.00	4.14	0.01	0.00
11.72	2.00	0.00	4.14	0.01	0.00	11.73	2.00	0.00	4.13	0.01	0.00
11.74	2.00	0.00	4.13	0.01	0.00	11.75	2.00	0.00	4.13	0.01	0.00
11.76	2.00	0.00	4.12	0.01	0.00	11.77	2.00	0.00	4.12	0.01	0.00
11.78	2.00	0.00	4.11	0.01	0.00	11.79	2.00	0.00	4.11	0.01	0.00
11.80	2.00	0.00	4.10	0.01	0.00	11.81	2.00	0.00	4.09	0.01	0.00
11.82	2.00	0.00	4.09	0.01	0.00	11.83	2.00	0.00	4.08	0.01	0.00
11.84	2.00	0.00	4.08	0.01	0.00	11.85	2.00	0.00	4.08	0.01	0.00
11.86	2.00	0.00	4.07	0.01	0.00	11.87	2.00	0.00	4.07	0.01	0.00
11.88	2.00	0.00	4.06	0.01	0.00	11.89	2.00	0.00	4.05	0.01	0.00
11.90	2.00	0.00	4.05	0.01	0.00	11.91	0.82	0.18	4.04	0.01	0.01
11.92	0.83	0.17	4.04	0.01	0.01	11.93	0.85	0.15	4.04	0.01	0.01
11.94	0.88	0.12	4.03	0.01	0.00	11.95	0.93	0.07	4.03	0.01	0.00
11.96	0.97	0.03	4.02	0.01	0.00	11.97	1.02	0.00	4.01	0.01	0.00
11.98	1.07	0.00	4.01	0.01	0.00	11.99	2.00	0.00	4.00	0.01	0.00
12.00	2.00	0.00	4.00	0.01	0.00	12.01	2.00	0.00	4.00	0.01	0.00
12.02	2.00	0.00	3.99	0.01	0.00	12.03	2.00	0.00	3.98	0.01	0.00
12.04	2.00	0.00	3.98	0.01	0.00	12.05	2.00	0.00	3.98	0.01	0.00
12.06	2.00	0.00	3.97	0.01	0.00	12.07	2.00	0.00	3.96	0.01	0.00
12.08	2.00	0.00	3.96	0.01	0.00	12.09	2.00	0.00	3.96	0.01	0.00
12.10	2.00	0.00	3.95	0.01	0.00	12.11	2.00	0.00	3.94	0.01	0.00
12.12	2.00	0.00	3.94	0.01	0.00	12.13	2.00	0.00	3.94	0.01	0.00
12.14	2.00	0.00	3.93	0.01	0.00	12.15	2.00	0.00	3.92	0.01	0.00
12.16	2.00	0.00	3.92	0.01	0.00	12.17	2.00	0.00	3.92	0.01	0.00
12.18	2.00	0.00	3.91	0.01	0.00	12.19	2.00	0.00	3.90	0.01	0.00
12.20	2.00	0.00	3.90	0.01	0.00	12.21	2.00	0.00	3.90	0.01	0.00
12.22	2.00	0.00	3.89	0.01	0.00	12.23	2.00	0.00	3.88	0.01	0.00
12.24	2.00	0.00	3.88	0.01	0.00	12.25	2.00	0.00	3.88	0.01	0.00
12.26	2.00	0.00	3.87	0.01	0.00	12.27	2.00	0.00	3.87	0.01	0.00
12.28	0.75	0.25	3.86	0.01	0.01	12.29	0.76	0.24	3.85	0.01	0.01
12.30	0.77	0.23	3.85	0.01	0.01	12.31	0.79	0.21	3.85	0.01	0.01
12.32	0.81	0.19	3.84	0.01	0.01	12.33	0.86	0.14	3.83	0.01	0.01
12.34	0.90	0.10	3.83	0.01	0.00	12.35	0.93	0.07	3.83	0.01	0.00
12.36	0.94	0.06	3.82	0.01	0.00	12.37	0.95	0.05	3.81	0.01	0.00
12.38	0.95	0.05	3.81	0.01	0.00	12.39	0.95	0.05	3.81	0.01	0.00
12.40	0.94	0.06	3.80	0.01	0.00	12.41	0.92	0.08	3.79	0.01	0.00
12.42	0.91	0.09	3.79	0.01	0.00	12.43	0.90	0.10	3.79	0.01	0.00
12.44	0.91	0.09	3.78	0.01	0.00	12.45	0.91	0.09	3.77	0.01	0.00
12.46	0.93	0.07	3.77	0.01	0.00	12.47	0.94	0.06	3.77	0.01	0.00
12.48	0.95	0.05	3.76	0.01	0.00	12.49	0.93	0.07	3.75	0.01	0.00
12.50	0.91	0.09	3.75	0.01	0.00	12.51	0.90	0.10	3.75	0.01	0.00
12.52	0.90	0.10	3.74	0.01	0.00	12.53	0.91	0.09	3.73	0.01	0.00
12.54	0.91	0.09	3.73	0.01	0.00	12.55	0.90	0.10	3.73	0.01	0.00
12.56	0.88	0.12	3.72	0.01	0.00	12.57	0.86	0.14	3.71	0.01	0.01
12.58	0.85	0.15	3.71	0.01	0.01	12.59	0.85	0.15	3.71	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.60	0.75	0.25	3.70	0.01	0.01	12.61	0.78	0.22	3.69	0.01	0.01
12.62	0.82	0.18	3.69	0.01	0.01	12.63	1.00	0.00	3.69	0.01	0.00
12.64	1.04	0.00	3.68	0.01	0.00	12.65	1.08	0.00	3.67	0.01	0.00
12.66	1.11	0.00	3.67	0.01	0.00	12.67	1.14	0.00	3.67	0.01	0.00
12.68	1.14	0.00	3.66	0.01	0.00	12.69	1.11	0.00	3.65	0.01	0.00
12.70	0.94	0.06	3.65	0.01	0.00	12.71	0.90	0.10	3.65	0.01	0.00
12.72	0.88	0.12	3.64	0.01	0.00	12.73	0.85	0.15	3.63	0.01	0.01
12.74	0.84	0.16	3.63	0.01	0.01	12.75	0.84	0.16	3.63	0.01	0.01
12.76	0.83	0.17	3.62	0.01	0.01	12.77	0.83	0.17	3.62	0.01	0.01
12.78	0.82	0.18	3.61	0.01	0.01	12.79	0.83	0.17	3.60	0.01	0.01
12.80	0.84	0.16	3.60	0.01	0.01	12.81	0.84	0.16	3.60	0.01	0.01
12.82	0.84	0.16	3.59	0.01	0.01	12.83	0.84	0.16	3.58	0.01	0.01
12.84	0.83	0.17	3.58	0.01	0.01	12.85	0.82	0.18	3.58	0.01	0.01
12.86	0.82	0.18	3.57	0.01	0.01	12.87	0.81	0.19	3.56	0.01	0.01
12.88	0.81	0.19	3.56	0.01	0.01	12.89	0.82	0.18	3.56	0.01	0.01
12.90	0.83	0.17	3.55	0.01	0.01	12.91	0.84	0.16	3.54	0.01	0.01
12.92	0.85	0.15	3.54	0.01	0.01	12.93	0.86	0.14	3.54	0.01	0.00
12.94	0.87	0.13	3.53	0.01	0.00	12.95	0.87	0.13	3.52	0.01	0.00
12.96	0.87	0.13	3.52	0.01	0.00	12.97	0.86	0.14	3.52	0.01	0.00
12.98	0.86	0.14	3.51	0.01	0.00	12.99	0.86	0.14	3.50	0.01	0.01
13.00	0.86	0.14	3.50	0.01	0.01	13.01	0.86	0.14	3.50	0.01	0.00
13.02	0.86	0.14	3.49	0.01	0.00	13.03	0.87	0.13	3.48	0.01	0.00
13.04	0.87	0.13	3.48	0.01	0.00	13.05	0.87	0.13	3.48	0.01	0.00
13.06	0.87	0.13	3.47	0.01	0.00	13.07	0.88	0.12	3.46	0.01	0.00
13.08	0.88	0.12	3.46	0.01	0.00	13.09	0.88	0.12	3.46	0.01	0.00
13.10	0.87	0.13	3.45	0.01	0.00	13.11	0.87	0.13	3.44	0.01	0.00
13.12	0.86	0.14	3.44	0.01	0.00	13.13	0.85	0.15	3.44	0.01	0.01
13.14	0.84	0.16	3.43	0.01	0.01	13.15	0.83	0.17	3.42	0.01	0.01
13.16	0.82	0.18	3.42	0.01	0.01	13.17	0.80	0.20	3.42	0.01	0.01
13.18	0.79	0.21	3.41	0.01	0.01	13.19	0.78	0.22	3.40	0.01	0.01
13.20	0.78	0.22	3.40	0.01	0.01	13.21	0.77	0.23	3.40	0.01	0.01
13.22	0.77	0.23	3.39	0.01	0.01	13.23	0.89	0.11	3.38	0.01	0.00
13.24	0.89	0.11	3.38	0.01	0.00	13.25	0.88	0.12	3.38	0.01	0.00
13.26	0.87	0.13	3.37	0.01	0.00	13.27	0.86	0.14	3.37	0.01	0.00
13.28	0.85	0.15	3.36	0.01	0.01	13.29	0.83	0.17	3.35	0.01	0.01
13.30	0.81	0.19	3.35	0.01	0.01	13.31	0.80	0.20	3.35	0.01	0.01
13.32	0.79	0.21	3.34	0.01	0.01	13.33	0.78	0.22	3.33	0.01	0.01
13.34	0.78	0.22	3.33	0.01	0.01	13.35	0.78	0.22	3.33	0.01	0.01
13.36	0.77	0.23	3.32	0.01	0.01	13.37	0.77	0.23	3.31	0.01	0.01
13.38	0.77	0.23	3.31	0.01	0.01	13.39	0.77	0.23	3.31	0.01	0.01
13.40	0.77	0.23	3.30	0.01	0.01	13.41	0.77	0.23	3.29	0.01	0.01
13.42	0.77	0.23	3.29	0.01	0.01	13.43	0.76	0.24	3.29	0.01	0.01
13.44	0.76	0.24	3.28	0.01	0.01	13.45	0.75	0.25	3.27	0.01	0.01
13.46	0.64	0.36	3.27	0.01	0.01	13.47	0.64	0.36	3.27	0.01	0.01
13.48	0.65	0.35	3.26	0.01	0.01	13.49	0.65	0.35	3.25	0.01	0.01
13.50	0.65	0.35	3.25	0.01	0.01	13.51	0.65	0.35	3.25	0.01	0.01
13.52	0.66	0.34	3.24	0.01	0.01	13.53	0.66	0.34	3.23	0.01	0.01
13.54	0.66	0.34	3.23	0.01	0.01	13.55	0.66	0.34	3.23	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.56	0.66	0.34	3.22	0.01	0.01	13.57	0.67	0.33	3.21	0.01	0.01
13.58	0.67	0.33	3.21	0.01	0.01	13.59	0.67	0.33	3.21	0.01	0.01
13.60	0.67	0.33	3.20	0.01	0.01	13.61	0.67	0.33	3.19	0.01	0.01
13.62	0.67	0.33	3.19	0.01	0.01	13.63	0.67	0.33	3.19	0.01	0.01
13.64	0.68	0.32	3.18	0.01	0.01	13.65	0.68	0.32	3.17	0.01	0.01
13.66	0.68	0.32	3.17	0.01	0.01	13.67	0.69	0.31	3.17	0.01	0.01
13.68	0.69	0.31	3.16	0.01	0.01	13.69	0.70	0.30	3.15	0.01	0.01
13.70	0.71	0.29	3.15	0.01	0.01	13.71	0.71	0.29	3.15	0.01	0.01
13.72	0.72	0.28	3.14	0.01	0.01	13.73	0.72	0.28	3.13	0.01	0.01
13.74	0.72	0.28	3.13	0.01	0.01	13.75	0.72	0.28	3.13	0.01	0.01
13.76	0.71	0.29	3.12	0.01	0.01	13.77	0.71	0.29	3.12	0.01	0.01
13.78	0.70	0.30	3.11	0.01	0.01	13.79	0.70	0.30	3.10	0.01	0.01
13.80	0.70	0.30	3.10	0.01	0.01	13.81	0.70	0.30	3.10	0.01	0.01
13.82	0.70	0.30	3.09	0.01	0.01	13.83	0.71	0.29	3.08	0.01	0.01
13.84	0.71	0.29	3.08	0.01	0.01	13.85	0.72	0.28	3.08	0.01	0.01
13.86	0.73	0.27	3.07	0.01	0.01	13.87	0.74	0.26	3.06	0.01	0.01
13.88	0.75	0.25	3.06	0.01	0.01	13.89	0.76	0.24	3.06	0.01	0.01
13.90	0.78	0.22	3.05	0.01	0.01	13.91	0.80	0.20	3.04	0.01	0.01
13.92	0.81	0.19	3.04	0.01	0.01	13.93	0.82	0.18	3.04	0.01	0.01
13.94	0.83	0.17	3.03	0.01	0.01	13.95	0.83	0.17	3.02	0.01	0.01
13.96	0.82	0.18	3.02	0.01	0.01	13.97	0.82	0.18	3.02	0.01	0.01
13.98	0.82	0.18	3.01	0.01	0.01	13.99	0.83	0.17	3.00	0.01	0.01
14.00	0.83	0.17	3.00	0.01	0.00	14.01	0.84	0.16	3.00	0.01	0.00
14.02	0.85	0.15	2.99	0.01	0.00	14.03	0.86	0.14	2.98	0.01	0.00
14.04	0.86	0.14	2.98	0.01	0.00	14.05	0.86	0.14	2.98	0.01	0.00
14.06	0.85	0.15	2.97	0.01	0.00	14.07	0.84	0.16	2.96	0.01	0.00
14.08	0.83	0.17	2.96	0.01	0.01	14.09	0.81	0.19	2.96	0.01	0.01
14.10	0.80	0.20	2.95	0.01	0.01	14.11	0.91	0.09	2.94	0.01	0.00
14.12	0.89	0.11	2.94	0.01	0.00	14.13	0.89	0.11	2.94	0.01	0.00
14.14	0.88	0.12	2.93	0.01	0.00	14.15	0.88	0.12	2.92	0.01	0.00
14.16	0.89	0.11	2.92	0.01	0.00	14.17	0.89	0.11	2.92	0.01	0.00
14.18	0.90	0.10	2.91	0.01	0.00	14.19	0.90	0.10	2.90	0.01	0.00
14.20	0.90	0.10	2.90	0.01	0.00	14.21	0.90	0.10	2.90	0.01	0.00
14.22	0.91	0.09	2.89	0.01	0.00	14.23	0.91	0.09	2.88	0.01	0.00
14.24	0.92	0.08	2.88	0.01	0.00	14.25	0.92	0.08	2.88	0.01	0.00
14.26	0.81	0.19	2.87	0.01	0.01	14.27	0.82	0.18	2.87	0.01	0.01
14.28	0.82	0.18	2.86	0.01	0.01	14.29	0.83	0.17	2.85	0.01	0.00
14.30	0.84	0.16	2.85	0.01	0.00	14.31	0.84	0.16	2.85	0.01	0.00
14.32	0.84	0.16	2.84	0.01	0.00	14.33	0.83	0.17	2.83	0.01	0.00
14.34	0.83	0.17	2.83	0.01	0.00	14.35	0.82	0.18	2.83	0.01	0.01
14.36	0.82	0.18	2.82	0.01	0.01	14.37	0.81	0.19	2.81	0.01	0.01
14.38	0.81	0.19	2.81	0.01	0.01	14.39	0.81	0.19	2.81	0.01	0.01
14.40	0.82	0.18	2.80	0.01	0.01	14.41	0.82	0.18	2.79	0.01	0.01
14.42	0.83	0.17	2.79	0.01	0.00	14.43	0.83	0.17	2.79	0.01	0.00
14.44	0.82	0.18	2.78	0.01	0.00	14.45	0.82	0.18	2.77	0.01	0.00
14.46	0.81	0.19	2.77	0.01	0.01	14.47	0.81	0.19	2.77	0.01	0.01
14.48	0.80	0.20	2.76	0.01	0.01	14.49	0.79	0.21	2.75	0.01	0.01
14.50	0.78	0.22	2.75	0.01	0.01	14.51	0.77	0.23	2.75	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.52	0.76	0.24	2.74	0.01	0.01	14.53	0.87	0.13	2.73	0.01	0.00
14.54	0.86	0.14	2.73	0.01	0.00	14.55	0.85	0.15	2.73	0.01	0.00
14.56	0.84	0.16	2.72	0.01	0.00	14.57	0.83	0.17	2.71	0.01	0.00
14.58	0.82	0.18	2.71	0.01	0.00	14.59	0.82	0.18	2.71	0.01	0.00
14.60	0.81	0.19	2.70	0.01	0.01	14.61	0.81	0.19	2.69	0.01	0.01
14.62	0.81	0.19	2.69	0.01	0.01	14.63	0.81	0.19	2.69	0.01	0.01
14.64	0.81	0.19	2.68	0.01	0.01	14.65	0.81	0.19	2.67	0.01	0.00
14.66	0.82	0.18	2.67	0.01	0.00	14.67	0.83	0.17	2.67	0.01	0.00
14.68	0.84	0.16	2.66	0.01	0.00	14.69	0.85	0.15	2.65	0.01	0.00
14.70	0.86	0.14	2.65	0.01	0.00	14.71	0.87	0.13	2.65	0.01	0.00
14.72	0.87	0.13	2.64	0.01	0.00	14.73	0.87	0.13	2.63	0.01	0.00
14.74	0.75	0.25	2.63	0.01	0.01	14.75	0.77	0.23	2.63	0.01	0.01
14.76	0.80	0.20	2.62	0.01	0.01	14.77	0.84	0.16	2.62	0.01	0.00
14.78	0.88	0.12	2.61	0.01	0.00	14.79	0.93	0.07	2.60	0.01	0.00
14.80	0.96	0.04	2.60	0.01	0.00	14.81	0.99	0.01	2.60	0.01	0.00
14.82	1.01	0.00	2.59	0.01	0.00	14.83	1.02	0.00	2.58	0.01	0.00
14.84	1.01	0.00	2.58	0.01	0.00	14.85	1.00	0.00	2.58	0.01	0.00
14.86	0.99	0.01	2.57	0.01	0.00	14.87	0.97	0.03	2.56	0.01	0.00
14.88	0.96	0.04	2.56	0.01	0.00	14.89	0.94	0.06	2.56	0.01	0.00
14.90	0.93	0.07	2.55	0.01	0.00	14.91	0.93	0.07	2.54	0.01	0.00
14.92	0.92	0.08	2.54	0.01	0.00	14.93	0.92	0.08	2.54	0.01	0.00
14.94	0.92	0.08	2.53	0.01	0.00	14.95	0.92	0.08	2.52	0.01	0.00
14.96	0.94	0.06	2.52	0.01	0.00	14.97	0.97	0.03	2.52	0.01	0.00
14.98	1.01	0.00	2.51	0.01	0.00	14.99	1.06	0.00	2.50	0.01	0.00
15.00	1.14	0.00	2.50	0.01	0.00	15.01	2.00	0.00	2.50	0.01	0.00
15.02	2.00	0.00	2.49	0.01	0.00	15.03	2.00	0.00	2.48	0.01	0.00
15.04	2.00	0.00	2.48	0.01	0.00	15.05	2.00	0.00	2.48	0.01	0.00
15.06	2.00	0.00	2.47	0.01	0.00	15.07	2.00	0.00	2.46	0.01	0.00
15.08	2.00	0.00	2.46	0.01	0.00	15.09	2.00	0.00	2.46	0.01	0.00
15.10	2.00	0.00	2.45	0.01	0.00	15.11	2.00	0.00	2.44	0.01	0.00
15.12	2.00	0.00	2.44	0.01	0.00	15.13	2.00	0.00	2.44	0.01	0.00
15.14	2.00	0.00	2.43	0.01	0.00	15.15	2.00	0.00	2.42	0.01	0.00
15.16	2.00	0.00	2.42	0.01	0.00	15.17	2.00	0.00	2.42	0.01	0.00
15.18	2.00	0.00	2.41	0.01	0.00	15.19	2.00	0.00	2.40	0.01	0.00
15.20	2.00	0.00	2.40	0.01	0.00	15.21	2.00	0.00	2.40	0.01	0.00
15.22	2.00	0.00	2.39	0.01	0.00	15.23	2.00	0.00	2.38	0.01	0.00
15.24	2.00	0.00	2.38	0.01	0.00	15.25	2.00	0.00	2.38	0.01	0.00
15.26	2.00	0.00	2.37	0.01	0.00	15.27	2.00	0.00	2.37	0.01	0.00
15.28	2.00	0.00	2.36	0.01	0.00	15.29	2.00	0.00	2.35	0.01	0.00
15.30	2.00	0.00	2.35	0.01	0.00	15.31	2.00	0.00	2.35	0.01	0.00
15.32	2.00	0.00	2.34	0.01	0.00	15.33	2.00	0.00	2.33	0.01	0.00
15.34	2.00	0.00	2.33	0.01	0.00	15.35	2.00	0.00	2.33	0.01	0.00
15.36	2.00	0.00	2.32	0.01	0.00	15.37	2.00	0.00	2.31	0.01	0.00
15.38	2.00	0.00	2.31	0.01	0.00	15.39	2.00	0.00	2.31	0.01	0.00
15.40	2.00	0.00	2.30	0.01	0.00	15.41	2.00	0.00	2.29	0.01	0.00
15.42	2.00	0.00	2.29	0.01	0.00	15.43	2.00	0.00	2.29	0.01	0.00
15.44	2.00	0.00	2.28	0.01	0.00	15.45	2.00	0.00	2.27	0.01	0.00
15.46	2.00	0.00	2.27	0.01	0.00	15.47	2.00	0.00	2.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.48	2.00	0.00	2.26	0.01	0.00	15.49	2.00	0.00	2.25	0.01	0.00
15.50	2.00	0.00	2.25	0.01	0.00	15.51	2.00	0.00	2.25	0.01	0.00
15.52	2.00	0.00	2.24	0.01	0.00	15.53	2.00	0.00	2.23	0.01	0.00
15.54	2.00	0.00	2.23	0.01	0.00	15.55	2.00	0.00	2.23	0.01	0.00
15.56	2.00	0.00	2.22	0.01	0.00	15.57	2.00	0.00	2.21	0.01	0.00
15.58	2.00	0.00	2.21	0.01	0.00	15.59	2.00	0.00	2.21	0.01	0.00
15.60	2.00	0.00	2.20	0.01	0.00	15.61	2.00	0.00	2.19	0.01	0.00
15.62	2.00	0.00	2.19	0.01	0.00	15.63	2.00	0.00	2.19	0.01	0.00
15.64	2.00	0.00	2.18	0.01	0.00	15.65	2.00	0.00	2.17	0.01	0.00
15.66	2.00	0.00	2.17	0.01	0.00	15.67	2.00	0.00	2.17	0.01	0.00
15.68	2.00	0.00	2.16	0.01	0.00	15.69	2.00	0.00	2.15	0.01	0.00
15.70	2.00	0.00	2.15	0.01	0.00	15.71	2.00	0.00	2.15	0.01	0.00
15.72	2.00	0.00	2.14	0.01	0.00	15.73	2.00	0.00	2.13	0.01	0.00
15.74	2.00	0.00	2.13	0.01	0.00	15.75	2.00	0.00	2.13	0.01	0.00
15.76	2.00	0.00	2.12	0.01	0.00	15.77	2.00	0.00	2.12	0.01	0.00
15.78	2.00	0.00	2.11	0.01	0.00	15.79	2.00	0.00	2.10	0.01	0.00
15.80	2.00	0.00	2.10	0.01	0.00	15.81	2.00	0.00	2.10	0.01	0.00
15.82	2.00	0.00	2.09	0.01	0.00	15.83	2.00	0.00	2.08	0.01	0.00
15.84	2.00	0.00	2.08	0.01	0.00	15.85	2.00	0.00	2.08	0.01	0.00
15.86	2.00	0.00	2.07	0.01	0.00	15.87	2.00	0.00	2.06	0.01	0.00
15.88	2.00	0.00	2.06	0.01	0.00	15.89	2.00	0.00	2.06	0.01	0.00
15.90	2.00	0.00	2.05	0.01	0.00	15.91	2.00	0.00	2.04	0.01	0.00
15.92	2.00	0.00	2.04	0.01	0.00	15.93	2.00	0.00	2.04	0.01	0.00
15.94	2.00	0.00	2.03	0.01	0.00	15.95	2.00	0.00	2.02	0.01	0.00
15.96	2.00	0.00	2.02	0.01	0.00	15.97	2.00	0.00	2.02	0.01	0.00
15.98	2.00	0.00	2.01	0.01	0.00	15.99	2.00	0.00	2.00	0.01	0.00
16.00	2.00	0.00	2.00	0.01	0.00	16.01	2.00	0.00	2.00	0.01	0.00
16.02	2.00	0.00	1.99	0.01	0.00	16.03	2.00	0.00	1.99	0.01	0.00
16.04	2.00	0.00	1.98	0.01	0.00	16.05	2.00	0.00	1.98	0.01	0.00
16.06	2.00	0.00	1.97	0.01	0.00	16.07	2.00	0.00	1.97	0.01	0.00
16.08	2.00	0.00	1.96	0.01	0.00	16.09	2.00	0.00	1.96	0.01	0.00
16.10	2.00	0.00	1.95	0.01	0.00	16.11	2.00	0.00	1.95	0.01	0.00
16.12	2.00	0.00	1.94	0.01	0.00	16.13	2.00	0.00	1.94	0.01	0.00
16.14	2.00	0.00	1.93	0.01	0.00	16.15	2.00	0.00	1.93	0.01	0.00
16.16	2.00	0.00	1.92	0.01	0.00	16.17	2.00	0.00	1.92	0.01	0.00
16.18	2.00	0.00	1.91	0.01	0.00	16.19	2.00	0.00	1.91	0.01	0.00
16.20	2.00	0.00	1.90	0.01	0.00	16.21	2.00	0.00	1.90	0.01	0.00
16.22	2.00	0.00	1.89	0.01	0.00	16.23	2.00	0.00	1.89	0.01	0.00
16.24	2.00	0.00	1.88	0.01	0.00	16.25	2.00	0.00	1.88	0.01	0.00
16.26	2.00	0.00	1.87	0.01	0.00	16.27	2.00	0.00	1.86	0.01	0.00
16.28	2.00	0.00	1.86	0.01	0.00	16.29	2.00	0.00	1.85	0.01	0.00
16.30	2.00	0.00	1.85	0.01	0.00	16.31	2.00	0.00	1.84	0.01	0.00
16.32	2.00	0.00	1.84	0.01	0.00	16.33	2.00	0.00	1.83	0.01	0.00
16.34	2.00	0.00	1.83	0.01	0.00	16.35	2.00	0.00	1.82	0.01	0.00
16.36	2.00	0.00	1.82	0.01	0.00	16.37	2.00	0.00	1.81	0.01	0.00
16.38	2.00	0.00	1.81	0.01	0.00	16.39	2.00	0.00	1.80	0.01	0.00
16.40	2.00	0.00	1.80	0.01	0.00	16.41	2.00	0.00	1.79	0.01	0.00
16.42	2.00	0.00	1.79	0.01	0.00	16.43	2.00	0.00	1.78	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.44	2.00	0.00	1.78	0.01	0.00	16.45	2.00	0.00	1.77	0.01	0.00
16.46	2.00	0.00	1.77	0.01	0.00	16.47	2.00	0.00	1.76	0.01	0.00
16.48	2.00	0.00	1.76	0.01	0.00	16.49	2.00	0.00	1.75	0.01	0.00
16.50	2.00	0.00	1.75	0.01	0.00	16.51	2.00	0.00	1.75	0.01	0.00
16.52	2.00	0.00	1.74	0.01	0.00	16.53	2.00	0.00	1.74	0.01	0.00
16.54	2.00	0.00	1.73	0.01	0.00	16.55	2.00	0.00	1.73	0.01	0.00
16.56	2.00	0.00	1.72	0.01	0.00	16.57	2.00	0.00	1.72	0.01	0.00
16.58	2.00	0.00	1.71	0.01	0.00	16.59	2.00	0.00	1.71	0.01	0.00
16.60	2.00	0.00	1.70	0.01	0.00	16.61	2.00	0.00	1.70	0.01	0.00
16.62	2.00	0.00	1.69	0.01	0.00	16.63	2.00	0.00	1.69	0.01	0.00
16.64	2.00	0.00	1.68	0.01	0.00	16.65	2.00	0.00	1.68	0.01	0.00
16.66	2.00	0.00	1.67	0.01	0.00	16.67	2.00	0.00	1.67	0.01	0.00
16.68	2.00	0.00	1.66	0.01	0.00	16.69	2.00	0.00	1.66	0.01	0.00
16.70	2.00	0.00	1.65	0.01	0.00	16.71	2.00	0.00	1.65	0.01	0.00
16.72	2.00	0.00	1.64	0.01	0.00	16.73	2.00	0.00	1.64	0.01	0.00
16.74	2.00	0.00	1.63	0.01	0.00	16.75	2.00	0.00	1.63	0.01	0.00
16.76	2.00	0.00	1.62	0.01	0.00	16.77	2.00	0.00	1.61	0.01	0.00
16.78	2.00	0.00	1.61	0.01	0.00	16.79	2.00	0.00	1.60	0.01	0.00
16.80	2.00	0.00	1.60	0.01	0.00	16.81	2.00	0.00	1.59	0.01	0.00
16.82	2.00	0.00	1.59	0.01	0.00	16.83	2.00	0.00	1.58	0.01	0.00
16.84	2.00	0.00	1.58	0.01	0.00	16.85	2.00	0.00	1.57	0.01	0.00
16.86	2.00	0.00	1.57	0.01	0.00	16.87	2.00	0.00	1.56	0.01	0.00
16.88	2.00	0.00	1.56	0.01	0.00	16.89	2.00	0.00	1.55	0.01	0.00
16.90	2.00	0.00	1.55	0.01	0.00	16.91	2.00	0.00	1.54	0.01	0.00
16.92	2.00	0.00	1.54	0.01	0.00	16.93	2.00	0.00	1.53	0.01	0.00
16.94	2.00	0.00	1.53	0.01	0.00	16.95	2.00	0.00	1.52	0.01	0.00
16.96	2.00	0.00	1.52	0.01	0.00	16.97	2.00	0.00	1.51	0.01	0.00
16.98	2.00	0.00	1.51	0.01	0.00	16.99	2.00	0.00	1.50	0.01	0.00
17.00	2.00	0.00	1.50	0.01	0.00	17.01	2.00	0.00	1.50	0.01	0.00
17.02	2.00	0.00	1.49	0.01	0.00	17.03	2.00	0.00	1.49	0.01	0.00
17.04	2.00	0.00	1.48	0.01	0.00	17.05	2.00	0.00	1.48	0.01	0.00
17.06	2.00	0.00	1.47	0.01	0.00	17.07	2.00	0.00	1.47	0.01	0.00
17.08	2.00	0.00	1.46	0.01	0.00	17.09	2.00	0.00	1.46	0.01	0.00
17.10	2.00	0.00	1.45	0.01	0.00	17.11	2.00	0.00	1.45	0.01	0.00
17.12	2.00	0.00	1.44	0.01	0.00	17.13	2.00	0.00	1.44	0.01	0.00
17.14	2.00	0.00	1.43	0.01	0.00	17.15	2.00	0.00	1.43	0.01	0.00
17.16	2.00	0.00	1.42	0.01	0.00	17.17	2.00	0.00	1.42	0.01	0.00
17.18	2.00	0.00	1.41	0.01	0.00	17.19	2.00	0.00	1.41	0.01	0.00
17.20	2.00	0.00	1.40	0.01	0.00	17.21	2.00	0.00	1.40	0.01	0.00
17.22	2.00	0.00	1.39	0.01	0.00	17.23	2.00	0.00	1.39	0.01	0.00
17.24	2.00	0.00	1.38	0.01	0.00	17.25	2.00	0.00	1.38	0.01	0.00
17.26	2.00	0.00	1.37	0.01	0.00	17.27	2.00	0.00	1.36	0.01	0.00
17.28	2.00	0.00	1.36	0.01	0.00	17.29	2.00	0.00	1.35	0.01	0.00
17.30	2.00	0.00	1.35	0.01	0.00	17.31	2.00	0.00	1.34	0.01	0.00
17.32	2.00	0.00	1.34	0.01	0.00	17.33	2.00	0.00	1.33	0.01	0.00
17.34	2.00	0.00	1.33	0.01	0.00	17.35	2.00	0.00	1.32	0.01	0.00
17.36	2.00	0.00	1.32	0.01	0.00	17.37	2.00	0.00	1.31	0.01	0.00
17.38	2.00	0.00	1.31	0.01	0.00	17.39	2.00	0.00	1.30	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.40	2.00	0.00	1.30	0.01	0.00	17.41	2.00	0.00	1.29	0.01	0.00
17.42	2.00	0.00	1.29	0.01	0.00	17.43	2.00	0.00	1.28	0.01	0.00
17.44	2.00	0.00	1.28	0.01	0.00	17.45	2.00	0.00	1.27	0.01	0.00
17.46	2.00	0.00	1.27	0.01	0.00	17.47	2.00	0.00	1.26	0.01	0.00
17.48	2.00	0.00	1.26	0.01	0.00	17.49	2.00	0.00	1.25	0.01	0.00
17.50	2.00	0.00	1.25	0.01	0.00	17.51	2.00	0.00	1.25	0.01	0.00
17.52	2.00	0.00	1.24	0.01	0.00	17.53	2.00	0.00	1.24	0.01	0.00
17.54	2.00	0.00	1.23	0.01	0.00	17.55	2.00	0.00	1.23	0.01	0.00
17.56	2.00	0.00	1.22	0.01	0.00	17.57	2.00	0.00	1.22	0.01	0.00
17.58	2.00	0.00	1.21	0.01	0.00	17.59	2.00	0.00	1.21	0.01	0.00
17.60	2.00	0.00	1.20	0.01	0.00	17.61	2.00	0.00	1.20	0.01	0.00
17.62	2.00	0.00	1.19	0.01	0.00	17.63	2.00	0.00	1.19	0.01	0.00
17.64	2.00	0.00	1.18	0.01	0.00	17.65	2.00	0.00	1.18	0.01	0.00
17.66	2.00	0.00	1.17	0.01	0.00	17.67	2.00	0.00	1.17	0.01	0.00
17.68	2.00	0.00	1.16	0.01	0.00	17.69	2.00	0.00	1.16	0.01	0.00
17.70	2.00	0.00	1.15	0.01	0.00	17.71	2.00	0.00	1.15	0.01	0.00
17.72	2.00	0.00	1.14	0.01	0.00	17.73	2.00	0.00	1.14	0.01	0.00
17.74	2.00	0.00	1.13	0.01	0.00	17.75	2.00	0.00	1.13	0.01	0.00
17.76	2.00	0.00	1.12	0.01	0.00	17.77	2.00	0.00	1.11	0.01	0.00
17.78	2.00	0.00	1.11	0.01	0.00	17.79	2.00	0.00	1.10	0.01	0.00
17.80	2.00	0.00	1.10	0.01	0.00	17.81	2.00	0.00	1.09	0.01	0.00
17.82	2.00	0.00	1.09	0.01	0.00	17.83	2.00	0.00	1.08	0.01	0.00
17.84	2.00	0.00	1.08	0.01	0.00	17.85	2.00	0.00	1.07	0.01	0.00
17.86	2.00	0.00	1.07	0.01	0.00	17.87	2.00	0.00	1.06	0.01	0.00
17.88	2.00	0.00	1.06	0.01	0.00	17.89	2.00	0.00	1.05	0.01	0.00
17.90	2.00	0.00	1.05	0.01	0.00	17.91	2.00	0.00	1.04	0.01	0.00
17.92	2.00	0.00	1.04	0.01	0.00	17.93	2.00	0.00	1.03	0.01	0.00
17.94	2.00	0.00	1.03	0.01	0.00	17.95	2.00	0.00	1.02	0.01	0.00
17.96	2.00	0.00	1.02	0.01	0.00	17.97	2.00	0.00	1.01	0.01	0.00
17.98	2.00	0.00	1.01	0.01	0.00	17.99	2.00	0.00	1.00	0.01	0.00
18.00	2.00	0.00	1.00	0.01	0.00	18.01	2.00	0.00	0.99	0.01	0.00
18.02	2.00	0.00	0.99	0.01	0.00	18.03	2.00	0.00	0.98	0.01	0.00
18.04	2.00	0.00	0.98	0.01	0.00	18.05	2.00	0.00	0.97	0.01	0.00
18.06	2.00	0.00	0.97	0.01	0.00	18.07	2.00	0.00	0.96	0.01	0.00
18.08	2.00	0.00	0.96	0.01	0.00	18.09	2.00	0.00	0.95	0.01	0.00
18.10	2.00	0.00	0.95	0.01	0.00	18.11	2.00	0.00	0.94	0.01	0.00
18.12	2.00	0.00	0.94	0.01	0.00	18.13	2.00	0.00	0.94	0.01	0.00
18.14	2.00	0.00	0.93	0.01	0.00	18.15	2.00	0.00	0.93	0.01	0.00
18.16	2.00	0.00	0.92	0.01	0.00	18.17	2.00	0.00	0.91	0.01	0.00
18.18	2.00	0.00	0.91	0.01	0.00	18.19	2.00	0.00	0.90	0.01	0.00
18.20	2.00	0.00	0.90	0.01	0.00	18.21	2.00	0.00	0.90	0.01	0.00
18.22	2.00	0.00	0.89	0.01	0.00	18.23	2.00	0.00	0.89	0.01	0.00
18.24	2.00	0.00	0.88	0.01	0.00	18.25	2.00	0.00	0.88	0.01	0.00
18.26	2.00	0.00	0.87	0.01	0.00	18.27	2.00	0.00	0.86	0.01	0.00
18.28	2.00	0.00	0.86	0.01	0.00	18.29	2.00	0.00	0.85	0.01	0.00
18.30	2.00	0.00	0.85	0.01	0.00	18.31	2.00	0.00	0.85	0.01	0.00
18.32	2.00	0.00	0.84	0.01	0.00	18.33	2.00	0.00	0.84	0.01	0.00
18.34	2.00	0.00	0.83	0.01	0.00	18.35	2.00	0.00	0.82	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.36	2.00	0.00	0.82	0.01	0.00	18.37	2.00	0.00	0.81	0.01	0.00
18.38	2.00	0.00	0.81	0.01	0.00	18.39	2.00	0.00	0.81	0.01	0.00
18.40	2.00	0.00	0.80	0.01	0.00	18.41	2.00	0.00	0.80	0.01	0.00
18.42	2.00	0.00	0.79	0.01	0.00	18.43	2.00	0.00	0.79	0.01	0.00
18.44	2.00	0.00	0.78	0.01	0.00	18.45	2.00	0.00	0.78	0.01	0.00
18.46	2.00	0.00	0.77	0.01	0.00	18.47	2.00	0.00	0.77	0.01	0.00
18.48	2.00	0.00	0.76	0.01	0.00	18.49	2.00	0.00	0.76	0.01	0.00
18.50	2.00	0.00	0.75	0.01	0.00	18.51	2.00	0.00	0.74	0.01	0.00
18.52	2.00	0.00	0.74	0.01	0.00	18.53	2.00	0.00	0.73	0.01	0.00
18.54	2.00	0.00	0.73	0.01	0.00	18.55	2.00	0.00	0.72	0.01	0.00
18.56	2.00	0.00	0.72	0.01	0.00	18.57	2.00	0.00	0.71	0.01	0.00
18.58	2.00	0.00	0.71	0.01	0.00	18.59	2.00	0.00	0.70	0.01	0.00
18.60	2.00	0.00	0.70	0.01	0.00	18.61	2.00	0.00	0.69	0.01	0.00
18.62	2.00	0.00	0.69	0.01	0.00	18.63	2.00	0.00	0.69	0.01	0.00
18.64	2.00	0.00	0.68	0.01	0.00	18.65	2.00	0.00	0.68	0.01	0.00
18.66	2.00	0.00	0.67	0.01	0.00	18.67	2.00	0.00	0.66	0.01	0.00
18.68	2.00	0.00	0.66	0.01	0.00	18.69	2.00	0.00	0.65	0.01	0.00
18.70	2.00	0.00	0.65	0.01	0.00	18.71	2.00	0.00	0.65	0.01	0.00
18.72	2.00	0.00	0.64	0.01	0.00	18.73	2.00	0.00	0.64	0.01	0.00
18.74	2.00	0.00	0.63	0.01	0.00	18.75	2.00	0.00	0.63	0.01	0.00
18.76	2.00	0.00	0.62	0.01	0.00	18.77	2.00	0.00	0.61	0.01	0.00
18.78	2.00	0.00	0.61	0.01	0.00	18.79	2.00	0.00	0.60	0.01	0.00
18.80	2.00	0.00	0.60	0.01	0.00	18.81	2.00	0.00	0.60	0.01	0.00
18.82	2.00	0.00	0.59	0.01	0.00	18.83	2.00	0.00	0.59	0.01	0.00
18.84	2.00	0.00	0.58	0.01	0.00	18.85	2.00	0.00	0.57	0.01	0.00
18.86	2.00	0.00	0.57	0.01	0.00	18.87	2.00	0.00	0.56	0.01	0.00
18.88	2.00	0.00	0.56	0.01	0.00	18.89	2.00	0.00	0.56	0.01	0.00
18.90	2.00	0.00	0.55	0.01	0.00	18.91	2.00	0.00	0.55	0.01	0.00
18.92	2.00	0.00	0.54	0.01	0.00	18.93	2.00	0.00	0.54	0.01	0.00
18.94	2.00	0.00	0.53	0.01	0.00	18.95	2.00	0.00	0.53	0.01	0.00
18.96	2.00	0.00	0.52	0.01	0.00	18.97	2.00	0.00	0.52	0.01	0.00
18.98	2.00	0.00	0.51	0.01	0.00	18.99	2.00	0.00	0.51	0.01	0.00
19.00	2.00	0.00	0.50	0.01	0.00	19.01	2.00	0.00	0.49	0.01	0.00
19.02	2.00	0.00	0.49	0.01	0.00	19.03	2.00	0.00	0.48	0.01	0.00
19.04	2.00	0.00	0.48	0.01	0.00	19.05	2.00	0.00	0.47	0.01	0.00
19.06	2.00	0.00	0.47	0.01	0.00	19.07	2.00	0.00	0.47	0.01	0.00
19.08	2.00	0.00	0.46	0.01	0.00	19.09	2.00	0.00	0.46	0.01	0.00
19.10	2.00	0.00	0.45	0.01	0.00	19.11	2.00	0.00	0.45	0.01	0.00
19.12	2.00	0.00	0.44	0.01	0.00	19.13	2.00	0.00	0.43	0.01	0.00
19.14	2.00	0.00	0.43	0.01	0.00	19.15	2.00	0.00	0.43	0.01	0.00
19.16	2.00	0.00	0.42	0.01	0.00	19.17	2.00	0.00	0.41	0.01	0.00
19.18	2.00	0.00	0.41	0.01	0.00	19.19	2.00	0.00	0.40	0.01	0.00
19.20	2.00	0.00	0.40	0.01	0.00	19.21	2.00	0.00	0.40	0.01	0.00
19.22	2.00	0.00	0.39	0.01	0.00	19.23	2.00	0.00	0.39	0.01	0.00
19.24	2.00	0.00	0.38	0.01	0.00	19.25	2.00	0.00	0.38	0.01	0.00
19.26	2.00	0.00	0.37	0.01	0.00	19.27	2.00	0.00	0.36	0.01	0.00
19.28	2.00	0.00	0.36	0.01	0.00	19.29	2.00	0.00	0.35	0.01	0.00
19.30	2.00	0.00	0.35	0.01	0.00	19.31	2.00	0.00	0.35	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.32	2.00	0.00	0.34	0.01	0.00	19.33	2.00	0.00	0.34	0.01	0.00
19.34	2.00	0.00	0.33	0.01	0.00	19.35	2.00	0.00	0.32	0.01	0.00
19.36	2.00	0.00	0.32	0.01	0.00	19.37	2.00	0.00	0.32	0.01	0.00
19.38	2.00	0.00	0.31	0.01	0.00	19.39	2.00	0.00	0.30	0.01	0.00
19.40	2.00	0.00	0.30	0.01	0.00	19.41	2.00	0.00	0.29	0.01	0.00
19.42	2.00	0.00	0.29	0.01	0.00	19.43	2.00	0.00	0.28	0.01	0.00
19.44	2.00	0.00	0.28	0.01	0.00	19.45	2.00	0.00	0.28	0.01	0.00
19.46	2.00	0.00	0.27	0.01	0.00	19.47	2.00	0.00	0.27	0.01	0.00
19.48	2.00	0.00	0.26	0.01	0.00	19.49	2.00	0.00	0.26	0.01	0.00
19.50	2.00	0.00	0.25	0.01	0.00	19.51	2.00	0.00	0.24	0.01	0.00
19.52	2.00	0.00	0.24	0.01	0.00	19.53	2.00	0.00	0.23	0.01	0.00
19.54	2.00	0.00	0.23	0.01	0.00	19.55	2.00	0.00	0.23	0.01	0.00
19.56	2.00	0.00	0.22	0.01	0.00	19.57	2.00	0.00	0.21	0.01	0.00
19.58	2.00	0.00	0.21	0.01	0.00	19.59	2.00	0.00	0.20	0.01	0.00
19.60	2.00	0.00	0.20	0.01	0.00	19.61	2.00	0.00	0.20	0.01	0.00
19.62	2.00	0.00	0.19	0.01	0.00	19.63	2.00	0.00	0.18	0.01	0.00
19.64	2.00	0.00	0.18	0.01	0.00	19.65	2.00	0.00	0.18	0.01	0.00
19.66	2.00	0.00	0.17	0.01	0.00	19.67	2.00	0.00	0.16	0.01	0.00
19.68	2.00	0.00	0.16	0.01	0.00	19.69	2.00	0.00	0.15	0.01	0.00
19.70	2.00	0.00	0.15	0.01	0.00	19.71	2.00	0.00	0.14	0.01	0.00
19.72	2.00	0.00	0.14	0.01	0.00	19.73	2.00	0.00	0.14	0.01	0.00
19.74	2.00	0.00	0.13	0.01	0.00	19.75	2.00	0.00	0.13	0.01	0.00
19.76	2.00	0.00	0.12	0.01	0.00	19.77	2.00	0.00	0.12	0.01	0.00
19.78	2.00	0.00	0.11	0.01	0.00	19.79	2.00	0.00	0.10	0.01	0.00
19.80	2.00	0.00	0.10	0.01	0.00	19.81	2.00	0.00	0.10	0.01	0.00
19.82	2.00	0.00	0.09	0.01	0.00	19.83	2.00	0.00	0.09	0.01	0.00
19.84	2.00	0.00	0.08	0.01	0.00	19.85	2.00	0.00	0.07	0.01	0.00
19.86	2.00	0.00	0.07	0.01	0.00	19.87	2.00	0.00	0.06	0.01	0.00
19.88	2.00	0.00	0.06	0.01	0.00	19.89	2.00	0.00	0.05	0.01	0.00
19.90	2.00	0.00	0.05	0.01	0.00	19.91	2.00	0.00	0.04	0.01	0.00
19.92	2.00	0.00	0.04	0.01	0.00	19.93	2.00	0.00	0.04	0.01	0.00
19.94	2.00	0.00	0.03	0.01	0.00	19.95	2.00	0.00	0.03	0.01	0.00
19.96	2.00	0.00	0.02	0.01	0.00	19.97	2.00	0.00	0.02	0.01	0.00
19.98	2.00	0.00	0.01	0.01	0.00	19.99	2.00	0.00	0.01	0.01	0.00
20.00	2.00	0.00	0.00	0.01	0.00	20.01	2.00	0.00	0.00	0.00	0.00
20.02	2.00	0.00	0.00	0.00	0.00	20.03	2.00	0.00	0.00	0.00	0.00
20.04	2.00	0.00	0.00	0.00	0.00	20.05	2.00	0.00	0.00	0.00	0.00
20.06	2.00	0.00	0.00	0.00	0.00	20.07	2.00	0.00	0.00	0.00	0.00
20.08	2.00	0.00	0.00	0.00	0.00	20.09	2.00	0.00	0.00	0.00	0.00
20.10	2.00	0.00	0.00	0.00	0.00	20.11	2.00	0.00	0.00	0.00	0.00
20.12	2.00	0.00	0.00	0.00	0.00	20.13	2.00	0.00	0.00	0.00	0.00
20.14	2.00	0.00	0.00	0.00	0.00	20.15	2.00	0.00	0.00	0.00	0.00
20.16	2.00	0.00	0.00	0.00	0.00	20.17	2.00	0.00	0.00	0.00	0.00
20.18	2.00	0.00	0.00	0.00	0.00	20.19	2.00	0.00	0.00	0.00	0.00
20.20	2.00	0.00	0.00	0.00	0.00	20.21	2.00	0.00	0.00	0.00	0.00
20.22	2.00	0.00	0.00	0.00	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
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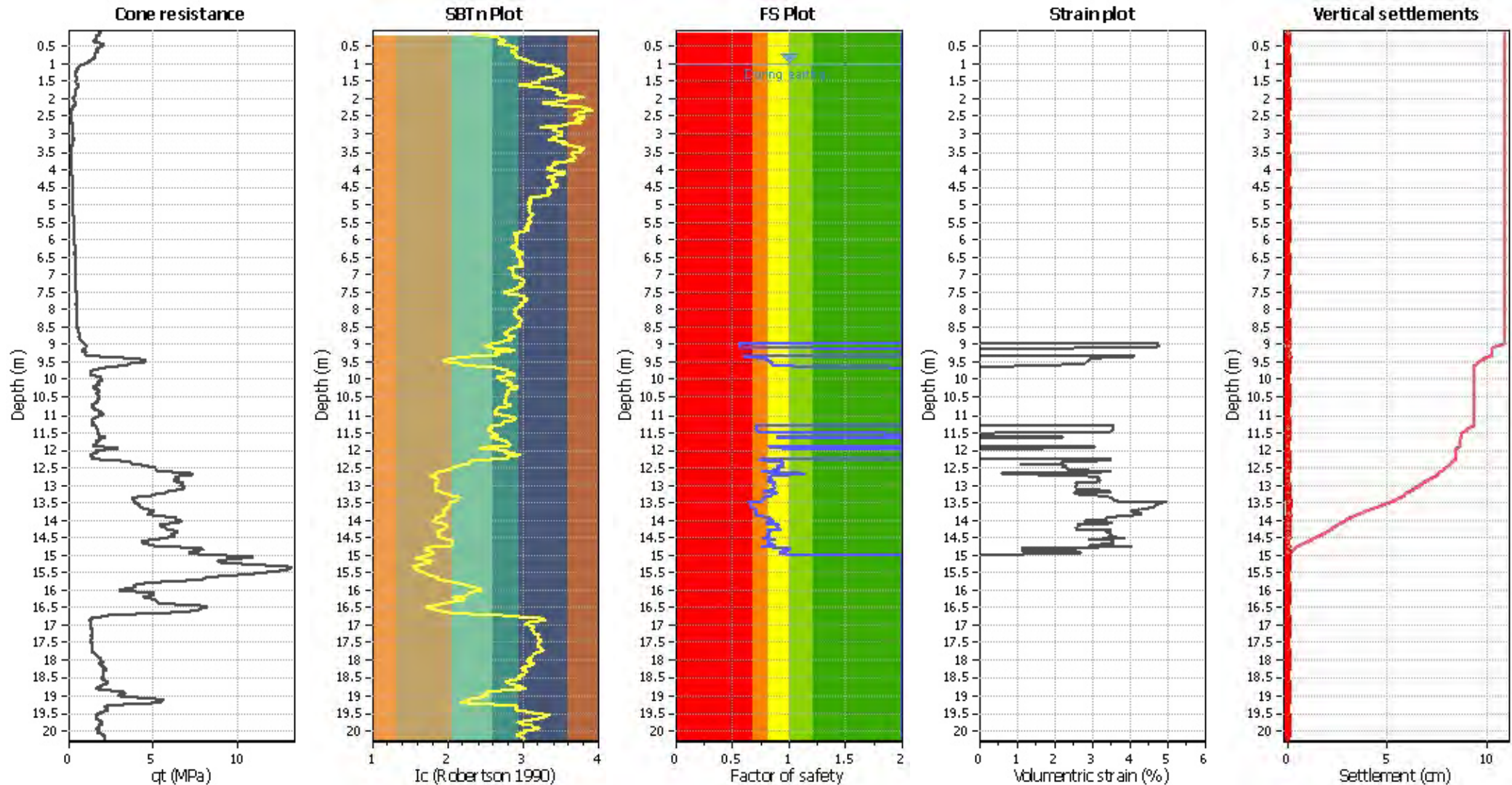
**Overall liquefaction potential: 2.39**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	134.59	2.00	0.00	1.00	0.00	1.01	132.80	2.00	0.00	1.00	0.00
1.02	131.17	2.00	0.00	1.00	0.00	1.03	128.87	2.00	0.00	1.00	0.00
1.04	126.61	2.00	0.00	1.00	0.00	1.05	124.40	2.00	0.00	1.00	0.00
1.06	123.09	2.00	0.00	1.00	0.00	1.07	121.70	2.00	0.00	1.00	0.00
1.08	119.65	2.00	0.00	1.00	0.00	1.09	117.50	2.00	0.00	1.00	0.00
1.10	115.28	2.00	0.00	1.00	0.00	1.11	113.58	2.00	0.00	1.00	0.00
1.12	111.61	2.00	0.00	1.00	0.00	1.13	109.09	2.00	0.00	1.00	0.00
1.14	106.60	2.00	0.00	1.00	0.00	1.15	104.41	2.00	0.00	1.00	0.00
1.16	102.99	2.00	0.00	1.00	0.00	1.17	101.74	2.00	0.00	1.00	0.00
1.18	99.72	2.00	0.00	1.00	0.00	1.19	97.31	2.00	0.00	1.00	0.00
1.20	94.53	2.00	0.00	1.00	0.00	1.21	92.51	2.00	0.00	1.00	0.00
1.22	90.91	2.00	0.00	1.00	0.00	1.23	89.41	2.00	0.00	1.00	0.00
1.24	88.03	2.00	0.00	1.00	0.00	1.25	87.03	2.00	0.00	1.00	0.00
1.26	86.02	2.00	0.00	1.00	0.00	1.27	85.08	2.00	0.00	1.00	0.00
1.28	83.89	2.00	0.00	1.00	0.00	1.29	83.15	2.00	0.00	1.00	0.00
1.30	82.56	2.00	0.00	1.00	0.00	1.31	81.61	2.00	0.00	1.00	0.00
1.32	80.43	2.00	0.00	1.00	0.00	1.33	79.13	2.00	0.00	1.00	0.00
1.34	78.36	2.00	0.00	1.00	0.00	1.35	77.81	2.00	0.00	1.00	0.00
1.36	77.13	2.00	0.00	1.00	0.00	1.37	76.18	2.00	0.00	1.00	0.00
1.38	75.00	2.00	0.00	1.00	0.00	1.39	74.01	2.00	0.00	1.00	0.00
1.40	72.93	2.00	0.00	1.00	0.00	1.41	71.48	2.00	0.00	1.00	0.00
1.42	69.93	2.00	0.00	1.00	0.00	1.43	68.36	2.00	0.00	1.00	0.00
1.44	67.30	2.00	0.00	1.00	0.00	1.45	66.07	2.00	0.00	1.00	0.00
1.46	64.36	2.00	0.00	1.00	0.00	1.47	62.61	2.00	0.00	1.00	0.00
1.48	61.19	2.00	0.00	1.00	0.00	1.49	60.55	2.00	0.00	1.00	0.00
1.50	59.99	2.00	0.00	1.00	0.00	1.51	59.22	2.00	0.00	1.00	0.00
1.52	58.60	2.00	0.00	1.00	0.00	1.53	58.19	2.00	0.00	1.00	0.00
1.54	58.17	2.00	0.00	1.00	0.00	1.55	58.04	2.00	0.00	1.00	0.00
1.56	57.71	2.00	0.00	1.00	0.00	1.57	57.34	2.00	0.00	1.00	0.00
1.58	57.31	2.00	0.00	1.00	0.00	1.59	57.58	2.00	0.00	1.00	0.00
1.60	58.23	2.00	0.00	1.00	0.00	1.61	59.22	2.00	0.00	1.00	0.00
1.62	60.78	2.00	0.00	1.00	0.00	1.63	62.71	2.00	0.00	1.00	0.00
1.64	65.08	2.00	0.00	1.00	0.00	1.65	67.43	2.00	0.00	1.00	0.00
1.66	69.72	2.00	0.00	1.00	0.00	1.67	72.12	2.00	0.00	1.00	0.00
1.68	74.29	2.00	0.00	1.00	0.00	1.69	76.28	2.00	0.00	1.00	0.00
1.70	77.68	2.00	0.00	1.00	0.00	1.71	78.90	2.00	0.00	1.00	0.00
1.72	80.33	2.00	0.00	1.00	0.00	1.73	81.50	2.00	0.00	1.00	0.00
1.74	82.58	2.00	0.00	1.00	0.00	1.75	82.93	2.00	0.00	1.00	0.00
1.76	83.03	2.00	0.00	1.00	0.00	1.77	82.88	2.00	0.00	1.00	0.00
1.78	82.73	2.00	0.00	1.00	0.00	1.79	83.70	2.00	0.00	1.00	0.00
1.80	84.61	2.00	0.00	1.00	0.00	1.81	85.36	2.00	0.00	1.00	0.00
1.82	85.14	2.00	0.00	1.00	0.00	1.83	85.12	2.00	0.00	1.00	0.00
1.84	85.42	2.00	0.00	1.00	0.00	1.85	85.91	2.00	0.00	1.00	0.00
1.86	86.24	2.00	0.00	1.00	0.00	1.87	86.14	2.00	0.00	1.00	0.00
1.88	85.38	2.00	0.00	1.00	0.00	1.89	84.01	2.00	0.00	1.00	0.00
1.90	82.21	2.00	0.00	1.00	0.00	1.91	78.99	2.00	0.00	1.00	0.00
1.92	75.53	2.00	0.00	1.00	0.00	1.93	71.82	2.00	0.00	1.00	0.00
1.94	70.23	2.00	0.00	1.00	0.00	1.95	68.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	67.70	2.00	0.00	1.00	0.00	1.97	66.83	2.00	0.00	1.00	0.00
1.98	66.36	2.00	0.00	1.00	0.00	1.99	65.26	2.00	0.00	1.00	0.00
2.00	63.67	2.00	0.00	1.00	0.00	2.01	61.95	2.00	0.00	1.00	0.00
2.02	60.98	2.00	0.00	1.00	0.00	2.03	60.24	2.00	0.00	1.00	0.00
2.04	59.90	2.00	0.00	1.00	0.00	2.05	59.88	2.00	0.00	1.00	0.00
2.06	60.32	2.00	0.00	1.00	0.00	2.07	61.09	2.00	0.00	1.00	0.00
2.08	61.86	2.00	0.00	1.00	0.00	2.09	62.88	2.00	0.00	1.00	0.00
2.10	63.86	2.00	0.00	1.00	0.00	2.11	65.13	2.00	0.00	1.00	0.00
2.12	66.32	2.00	0.00	1.00	0.00	2.13	67.53	2.00	0.00	1.00	0.00
2.14	68.40	2.00	0.00	1.00	0.00	2.15	69.25	2.00	0.00	1.00	0.00
2.16	69.57	2.00	0.00	1.00	0.00	2.17	69.37	2.00	0.00	1.00	0.00
2.18	68.71	2.00	0.00	1.00	0.00	2.19	67.12	2.00	0.00	1.00	0.00
2.20	64.98	2.00	0.00	1.00	0.00	2.21	62.45	2.00	0.00	1.00	0.00
2.22	60.62	2.00	0.00	1.00	0.00	2.23	59.42	2.00	0.00	1.00	0.00
2.24	58.17	2.00	0.00	1.00	0.00	2.25	56.38	2.00	0.00	1.00	0.00
2.26	54.30	2.00	0.00	1.00	0.00	2.27	52.00	2.00	0.00	1.00	0.00
2.28	49.69	2.00	0.00	1.00	0.00	2.29	46.97	2.00	0.00	1.00	0.00
2.30	44.17	2.00	0.00	1.00	0.00	2.31	42.14	2.00	0.00	1.00	0.00
2.32	40.22	2.00	0.00	1.00	0.00	2.33	39.20	2.00	0.00	1.00	0.00
2.34	38.11	2.00	0.00	1.00	0.00	2.35	37.52	2.00	0.00	1.00	0.00
2.36	36.63	2.00	0.00	1.00	0.00	2.37	35.93	2.00	0.00	1.00	0.00
2.38	35.41	2.00	0.00	1.00	0.00	2.39	35.28	2.00	0.00	1.00	0.00
2.40	35.26	2.00	0.00	1.00	0.00	2.41	35.15	2.00	0.00	1.00	0.00
2.42	35.23	2.00	0.00	1.00	0.00	2.43	35.28	2.00	0.00	1.00	0.00
2.44	35.10	2.00	0.00	1.00	0.00	2.45	34.82	2.00	0.00	1.00	0.00
2.46	34.55	2.00	0.00	1.00	0.00	2.47	34.50	2.00	0.00	1.00	0.00
2.48	34.42	2.00	0.00	1.00	0.00	2.49	34.39	2.00	0.00	1.00	0.00
2.50	34.65	2.00	0.00	1.00	0.00	2.51	34.92	2.00	0.00	1.00	0.00
2.52	34.99	2.00	0.00	1.00	0.00	2.53	34.91	2.00	0.00	1.00	0.00
2.54	34.70	2.00	0.00	1.00	0.00	2.55	34.98	2.00	0.00	1.00	0.00
2.56	35.21	2.00	0.00	1.00	0.00	2.57	35.77	2.00	0.00	1.00	0.00
2.58	35.94	2.00	0.00	1.00	0.00	2.59	36.17	2.00	0.00	1.00	0.00
2.60	35.69	2.00	0.00	1.00	0.00	2.61	35.21	2.00	0.00	1.00	0.00
2.62	34.78	2.00	0.00	1.00	0.00	2.63	34.73	2.00	0.00	1.00	0.00
2.64	34.21	2.00	0.00	1.00	0.00	2.65	33.67	2.00	0.00	1.00	0.00
2.66	33.62	2.00	0.00	1.00	0.00	2.67	34.35	2.00	0.00	1.00	0.00
2.68	35.33	2.00	0.00	1.00	0.00	2.69	35.85	2.00	0.00	1.00	0.00
2.70	36.36	2.00	0.00	1.00	0.00	2.71	36.58	2.00	0.00	1.00	0.00
2.72	36.80	2.00	0.00	1.00	0.00	2.73	36.94	2.00	0.00	1.00	0.00
2.74	37.23	2.00	0.00	1.00	0.00	2.75	37.45	2.00	0.00	1.00	0.00
2.76	37.54	2.00	0.00	1.00	0.00	2.77	37.51	2.00	0.00	1.00	0.00
2.78	35.36	2.00	0.00	1.00	0.00	2.79	32.89	2.00	0.00	1.00	0.00
2.80	30.32	2.00	0.00	1.00	0.00	2.81	31.75	2.00	0.00	1.00	0.00
2.82	32.97	2.00	0.00	1.00	0.00	2.83	33.82	2.00	0.00	1.00	0.00
2.84	34.72	2.00	0.00	1.00	0.00	2.85	35.72	2.00	0.00	1.00	0.00
2.86	36.72	2.00	0.00	1.00	0.00	2.87	37.76	2.00	0.00	1.00	0.00
2.88	38.69	2.00	0.00	1.00	0.00	2.89	39.64	2.00	0.00	1.00	0.00
2.90	40.47	2.00	0.00	1.00	0.00	2.91	41.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.78	2.00	0.00	1.00	0.00	2.93	42.00	2.00	0.00	1.00	0.00
2.94	42.25	2.00	0.00	1.00	0.00	2.95	42.53	2.00	0.00	1.00	0.00
2.96	42.82	2.00	0.00	1.00	0.00	2.97	42.70	2.00	0.00	1.00	0.00
2.98	42.62	2.00	0.00	1.00	0.00	2.99	42.58	2.00	0.00	1.00	0.00
3.00	42.63	2.00	0.00	1.00	0.00	3.01	42.64	2.00	0.00	1.00	0.00
3.02	42.70	2.00	0.00	1.00	0.00	3.03	42.72	2.00	0.00	1.00	0.00
3.04	42.58	2.00	0.00	1.00	0.00	3.05	42.23	2.00	0.00	1.00	0.00
3.06	42.18	2.00	0.00	1.00	0.00	3.07	42.23	2.00	0.00	1.00	0.00
3.08	42.52	2.00	0.00	1.00	0.00	3.09	42.62	2.00	0.00	1.00	0.00
3.10	42.79	2.00	0.00	1.00	0.00	3.11	42.94	2.00	0.00	1.00	0.00
3.12	43.23	2.00	0.00	1.00	0.00	3.13	43.67	2.00	0.00	1.00	0.00
3.14	44.13	2.00	0.00	1.00	0.00	3.15	44.48	2.00	0.00	1.00	0.00
3.16	44.86	2.00	0.00	1.00	0.00	3.17	45.31	2.00	0.00	1.00	0.00
3.18	45.83	2.00	0.00	1.00	0.00	3.19	46.21	2.00	0.00	1.00	0.00
3.20	45.97	2.00	0.00	1.00	0.00	3.21	45.52	2.00	0.00	1.00	0.00
3.22	44.72	2.00	0.00	1.00	0.00	3.23	44.02	2.00	0.00	1.00	0.00
3.24	43.28	2.00	0.00	1.00	0.00	3.25	43.08	2.00	0.00	1.00	0.00
3.26	42.98	2.00	0.00	1.00	0.00	3.27	42.98	2.00	0.00	1.00	0.00
3.28	42.27	2.00	0.00	1.00	0.00	3.29	41.22	2.00	0.00	1.00	0.00
3.30	39.80	2.00	0.00	1.00	0.00	3.31	38.12	2.00	0.00	1.00	0.00
3.32	36.84	2.00	0.00	1.00	0.00	3.33	35.81	2.00	0.00	1.00	0.00
3.34	35.33	2.00	0.00	1.00	0.00	3.35	34.88	2.00	0.00	1.00	0.00
3.36	34.23	2.00	0.00	1.00	0.00	3.37	33.87	2.00	0.00	1.00	0.00
3.38	33.42	2.00	0.00	1.00	0.00	3.39	32.81	2.00	0.00	1.00	0.00
3.40	32.13	2.00	0.00	1.00	0.00	3.41	31.23	2.00	0.00	1.00	0.00
3.42	30.62	2.00	0.00	1.00	0.00	3.43	29.93	2.00	0.00	1.00	0.00
3.44	29.40	2.00	0.00	1.00	0.00	3.45	28.90	2.00	0.00	1.00	0.00
3.46	28.09	2.00	0.00	1.00	0.00	3.47	27.29	2.00	0.00	1.00	0.00
3.48	26.48	2.00	0.00	1.00	0.00	3.49	25.99	2.00	0.00	1.00	0.00
3.50	25.51	2.00	0.00	1.00	0.00	3.51	25.43	2.00	0.00	1.00	0.00
3.52	25.45	2.00	0.00	1.00	0.00	3.53	25.55	2.00	0.00	1.00	0.00
3.54	25.38	2.00	0.00	1.00	0.00	3.55	25.27	2.00	0.00	1.00	0.00
3.56	25.23	2.00	0.00	1.00	0.00	3.57	25.25	2.00	0.00	1.00	0.00
3.58	25.31	2.00	0.00	1.00	0.00	3.59	25.32	2.00	0.00	1.00	0.00
3.60	25.44	2.00	0.00	1.00	0.00	3.61	25.58	2.00	0.00	1.00	0.00
3.62	25.75	2.00	0.00	1.00	0.00	3.63	25.80	2.00	0.00	1.00	0.00
3.64	25.42	2.00	0.00	1.00	0.00	3.65	25.44	2.00	0.00	1.00	0.00
3.66	25.58	2.00	0.00	1.00	0.00	3.67	26.09	2.00	0.00	1.00	0.00
3.68	26.17	2.00	0.00	1.00	0.00	3.69	26.13	2.00	0.00	1.00	0.00
3.70	26.36	2.00	0.00	1.00	0.00	3.71	26.57	2.00	0.00	1.00	0.00
3.72	26.77	2.00	0.00	1.00	0.00	3.73	26.37	2.00	0.00	1.00	0.00
3.74	25.89	2.00	0.00	1.00	0.00	3.75	25.46	2.00	0.00	1.00	0.00
3.76	25.42	2.00	0.00	1.00	0.00	3.77	25.45	2.00	0.00	1.00	0.00
3.78	23.97	2.00	0.00	1.00	0.00	3.79	22.16	2.00	0.00	1.00	0.00
3.80	19.92	2.00	0.00	1.00	0.00	3.81	20.73	2.00	0.00	1.00	0.00
3.82	21.39	2.00	0.00	1.00	0.00	3.83	21.73	2.00	0.00	1.00	0.00
3.84	21.89	2.00	0.00	1.00	0.00	3.85	21.89	2.00	0.00	1.00	0.00
3.86	21.99	2.00	0.00	1.00	0.00	3.87	22.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	22.05	2.00	0.00	1.00	0.00	3.89	21.92	2.00	0.00	1.00	0.00
3.90	21.81	2.00	0.00	1.00	0.00	3.91	21.81	2.00	0.00	1.00	0.00
3.92	21.43	2.00	0.00	1.00	0.00	3.93	20.89	2.00	0.00	1.00	0.00
3.94	20.46	2.00	0.00	1.00	0.00	3.95	20.62	2.00	0.00	1.00	0.00
3.96	21.04	2.00	0.00	1.00	0.00	3.97	21.45	2.00	0.00	1.00	0.00
3.98	21.85	2.00	0.00	1.00	0.00	3.99	22.12	2.00	0.00	1.00	0.00
4.00	22.66	2.00	0.00	1.00	0.00	4.01	23.17	2.00	0.00	1.00	0.00
4.02	23.90	2.00	0.00	1.00	0.00	4.03	24.26	2.00	0.00	1.00	0.00
4.04	24.67	2.00	0.00	1.00	0.00	4.05	24.67	2.00	0.00	1.00	0.00
4.06	24.61	2.00	0.00	1.00	0.00	4.07	24.36	2.00	0.00	1.00	0.00
4.08	24.27	2.00	0.00	1.00	0.00	4.09	24.15	2.00	0.00	1.00	0.00
4.10	23.97	2.00	0.00	1.00	0.00	4.11	23.71	2.00	0.00	1.00	0.00
4.12	23.53	2.00	0.00	1.00	0.00	4.13	23.22	2.00	0.00	1.00	0.00
4.14	23.22	2.00	0.00	1.00	0.00	4.15	23.10	2.00	0.00	1.00	0.00
4.16	23.23	2.00	0.00	1.00	0.00	4.17	23.00	2.00	0.00	1.00	0.00
4.18	22.72	2.00	0.00	1.00	0.00	4.19	22.31	2.00	0.00	1.00	0.00
4.20	22.12	2.00	0.00	1.00	0.00	4.21	22.27	2.00	0.00	1.00	0.00
4.22	22.52	2.00	0.00	1.00	0.00	4.23	22.76	2.00	0.00	1.00	0.00
4.24	23.07	2.00	0.00	1.00	0.00	4.25	23.35	2.00	0.00	1.00	0.00
4.26	23.82	2.00	0.00	1.00	0.00	4.27	24.12	2.00	0.00	1.00	0.00
4.28	24.35	2.00	0.00	1.00	0.00	4.29	24.61	2.00	0.00	1.00	0.00
4.30	24.81	2.00	0.00	1.00	0.00	4.31	25.01	2.00	0.00	1.00	0.00
4.32	24.92	2.00	0.00	1.00	0.00	4.33	24.91	2.00	0.00	1.00	0.00
4.34	25.01	2.00	0.00	1.00	0.00	4.35	25.34	2.00	0.00	1.00	0.00
4.36	25.53	2.00	0.00	1.00	0.00	4.37	25.62	2.00	0.00	1.00	0.00
4.38	25.56	2.00	0.00	1.00	0.00	4.39	25.50	2.00	0.00	1.00	0.00
4.40	25.36	2.00	0.00	1.00	0.00	4.41	25.27	2.00	0.00	1.00	0.00
4.42	25.26	2.00	0.00	1.00	0.00	4.43	25.27	2.00	0.00	1.00	0.00
4.44	25.23	2.00	0.00	1.00	0.00	4.45	25.05	2.00	0.00	1.00	0.00
4.46	25.04	2.00	0.00	1.00	0.00	4.47	25.08	2.00	0.00	1.00	0.00
4.48	25.16	2.00	0.00	1.00	0.00	4.49	25.03	2.00	0.00	1.00	0.00
4.50	24.80	2.00	0.00	1.00	0.00	4.51	24.38	2.00	0.00	1.00	0.00
4.52	23.91	2.00	0.00	1.00	0.00	4.53	23.39	2.00	0.00	1.00	0.00
4.54	22.92	2.00	0.00	1.00	0.00	4.55	22.73	2.00	0.00	1.00	0.00
4.56	22.65	2.00	0.00	1.00	0.00	4.57	22.70	2.00	0.00	1.00	0.00
4.58	22.83	2.00	0.00	1.00	0.00	4.59	23.00	2.00	0.00	1.00	0.00
4.60	23.54	2.00	0.00	1.00	0.00	4.61	23.95	2.00	0.00	1.00	0.00
4.62	24.25	2.00	0.00	1.00	0.00	4.63	24.20	2.00	0.00	1.00	0.00
4.64	24.31	2.00	0.00	1.00	0.00	4.65	24.52	2.00	0.00	1.00	0.00
4.66	24.79	2.00	0.00	1.00	0.00	4.67	25.18	2.00	0.00	1.00	0.00
4.68	25.52	2.00	0.00	1.00	0.00	4.69	25.64	2.00	0.00	1.00	0.00
4.70	25.30	2.00	0.00	1.00	0.00	4.71	24.86	2.00	0.00	1.00	0.00
4.72	24.44	2.00	0.00	1.00	0.00	4.73	24.23	2.00	0.00	1.00	0.00
4.74	24.06	2.00	0.00	1.00	0.00	4.75	24.00	2.00	0.00	1.00	0.00
4.76	23.95	2.00	0.00	1.00	0.00	4.77	23.94	2.00	0.00	1.00	0.00
4.78	22.74	2.00	0.00	1.00	0.00	4.79	21.12	2.00	0.00	1.00	0.00
4.80	19.19	2.00	0.00	1.00	0.00	4.81	19.26	2.00	0.00	1.00	0.00
4.82	19.45	2.00	0.00	1.00	0.00	4.83	19.60	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	19.58	2.00	0.00	1.00	0.00	4.85	19.66	2.00	0.00	1.00	0.00
4.86	19.76	2.00	0.00	1.00	0.00	4.87	19.86	2.00	0.00	1.00	0.00
4.88	20.14	2.00	0.00	1.00	0.00	4.89	20.40	2.00	0.00	1.00	0.00
4.90	20.66	2.00	0.00	1.00	0.00	4.91	20.66	2.00	0.00	1.00	0.00
4.92	20.39	2.00	0.00	1.00	0.00	4.93	20.23	2.00	0.00	1.00	0.00
4.94	20.12	2.00	0.00	1.00	0.00	4.95	20.39	2.00	0.00	1.00	0.00
4.96	20.47	2.00	0.00	1.00	0.00	4.97	20.39	2.00	0.00	1.00	0.00
4.98	20.29	2.00	0.00	1.00	0.00	4.99	20.39	2.00	0.00	1.00	0.00
5.00	20.64	2.00	0.00	1.00	0.00	5.01	21.00	2.00	0.00	1.00	0.00
5.02	21.15	2.00	0.00	1.00	0.00	5.03	21.23	2.00	0.00	1.00	0.00
5.04	21.13	2.00	0.00	1.00	0.00	5.05	21.05	2.00	0.00	1.00	0.00
5.06	20.97	2.00	0.00	1.00	0.00	5.07	21.06	2.00	0.00	1.00	0.00
5.08	21.22	2.00	0.00	1.00	0.00	5.09	21.47	2.00	0.00	1.00	0.00
5.10	21.72	2.00	0.00	1.00	0.00	5.11	22.05	2.00	0.00	1.00	0.00
5.12	22.19	2.00	0.00	1.00	0.00	5.13	22.20	2.00	0.00	1.00	0.00
5.14	22.34	2.00	0.00	1.00	0.00	5.15	22.57	2.00	0.00	1.00	0.00
5.16	22.87	2.00	0.00	1.00	0.00	5.17	22.93	2.00	0.00	1.00	0.00
5.18	23.16	2.00	0.00	1.00	0.00	5.19	23.37	2.00	0.00	1.00	0.00
5.20	23.59	2.00	0.00	1.00	0.00	5.21	23.71	2.00	0.00	1.00	0.00
5.22	23.78	2.00	0.00	1.00	0.00	5.23	23.84	2.00	0.00	1.00	0.00
5.24	23.92	2.00	0.00	1.00	0.00	5.25	24.00	2.00	0.00	1.00	0.00
5.26	24.46	2.00	0.00	1.00	0.00	5.27	24.90	2.00	0.00	1.00	0.00
5.28	25.25	2.00	0.00	1.00	0.00	5.29	25.08	2.00	0.00	1.00	0.00
5.30	24.76	2.00	0.00	1.00	0.00	5.31	24.58	2.00	0.00	1.00	0.00
5.32	24.64	2.00	0.00	1.00	0.00	5.33	24.84	2.00	0.00	1.00	0.00
5.34	24.91	2.00	0.00	1.00	0.00	5.35	24.92	2.00	0.00	1.00	0.00
5.36	24.86	2.00	0.00	1.00	0.00	5.37	24.97	2.00	0.00	1.00	0.00
5.38	24.97	2.00	0.00	1.00	0.00	5.39	24.89	2.00	0.00	1.00	0.00
5.40	24.58	2.00	0.00	1.00	0.00	5.41	24.30	2.00	0.00	1.00	0.00
5.42	23.97	2.00	0.00	1.00	0.00	5.43	23.67	2.00	0.00	1.00	0.00
5.44	23.76	2.00	0.00	1.00	0.00	5.45	23.96	2.00	0.00	1.00	0.00
5.46	24.37	2.00	0.00	1.00	0.00	5.47	24.57	2.00	0.00	1.00	0.00
5.48	24.88	2.00	0.00	1.00	0.00	5.49	25.07	2.00	0.00	1.00	0.00
5.50	25.24	2.00	0.00	1.00	0.00	5.51	25.30	2.00	0.00	1.00	0.00
5.52	25.36	2.00	0.00	1.00	0.00	5.53	25.48	2.00	0.00	1.00	0.00
5.54	25.67	2.00	0.00	1.00	0.00	5.55	25.85	2.00	0.00	1.00	0.00
5.56	25.92	2.00	0.00	1.00	0.00	5.57	25.92	2.00	0.00	1.00	0.00
5.58	25.98	2.00	0.00	1.00	0.00	5.59	25.98	2.00	0.00	1.00	0.00
5.60	26.03	2.00	0.00	1.00	0.00	5.61	26.16	2.00	0.00	1.00	0.00
5.62	26.26	2.00	0.00	1.00	0.00	5.63	26.21	2.00	0.00	1.00	0.00
5.64	25.90	2.00	0.00	1.00	0.00	5.65	25.71	2.00	0.00	1.00	0.00
5.66	25.58	2.00	0.00	1.00	0.00	5.67	25.51	2.00	0.00	1.00	0.00
5.68	25.39	2.00	0.00	1.00	0.00	5.69	25.58	2.00	0.00	1.00	0.00
5.70	25.77	2.00	0.00	1.00	0.00	5.71	25.96	2.00	0.00	1.00	0.00
5.72	26.14	2.00	0.00	1.00	0.00	5.73	26.43	2.00	0.00	1.00	0.00
5.74	26.70	2.00	0.00	1.00	0.00	5.75	26.75	2.00	0.00	1.00	0.00
5.76	26.75	2.00	0.00	1.00	0.00	5.77	25.06	2.00	0.00	1.00	0.00
5.78	23.08	2.00	0.00	1.00	0.00	5.79	21.38	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.40	2.00	0.00	1.00	0.00	5.81	21.43	2.00	0.00	1.00	0.00
5.82	21.47	2.00	0.00	1.00	0.00	5.83	21.57	2.00	0.00	1.00	0.00
5.84	21.66	2.00	0.00	1.00	0.00	5.85	21.71	2.00	0.00	1.00	0.00
5.86	21.83	2.00	0.00	1.00	0.00	5.87	22.04	2.00	0.00	1.00	0.00
5.88	22.32	2.00	0.00	1.00	0.00	5.89	22.45	2.00	0.00	1.00	0.00
5.90	22.60	2.00	0.00	1.00	0.00	5.91	22.69	2.00	0.00	1.00	0.00
5.92	22.78	2.00	0.00	1.00	0.00	5.93	22.69	2.00	0.00	1.00	0.00
5.94	22.65	2.00	0.00	1.00	0.00	5.95	22.61	2.00	0.00	1.00	0.00
5.96	22.75	2.00	0.00	1.00	0.00	5.97	22.90	2.00	0.00	1.00	0.00
5.98	23.06	2.00	0.00	1.00	0.00	5.99	23.12	2.00	0.00	1.00	0.00
6.00	23.19	2.00	0.00	1.00	0.00	6.01	23.25	2.00	0.00	1.00	0.00
6.02	23.40	2.00	0.00	1.00	0.00	6.03	23.49	2.00	0.00	1.00	0.00
6.04	23.58	2.00	0.00	1.00	0.00	6.05	23.58	2.00	0.00	1.00	0.00
6.06	23.58	2.00	0.00	1.00	0.00	6.07	23.64	2.00	0.00	1.00	0.00
6.08	23.84	2.00	0.00	1.00	0.00	6.09	24.03	2.00	0.00	1.00	0.00
6.10	24.09	2.00	0.00	1.00	0.00	6.11	23.96	2.00	0.00	1.00	0.00
6.12	23.84	2.00	0.00	1.00	0.00	6.13	23.62	2.00	0.00	1.00	0.00
6.14	23.51	2.00	0.00	1.00	0.00	6.15	23.55	2.00	0.00	1.00	0.00
6.16	23.72	2.00	0.00	1.00	0.00	6.17	23.77	2.00	0.00	1.00	0.00
6.18	23.66	2.00	0.00	1.00	0.00	6.19	23.48	2.00	0.00	1.00	0.00
6.20	23.46	2.00	0.00	1.00	0.00	6.21	23.37	2.00	0.00	1.00	0.00
6.22	23.50	2.00	0.00	1.00	0.00	6.23	23.77	2.00	0.00	1.00	0.00
6.24	24.17	2.00	0.00	1.00	0.00	6.25	24.52	2.00	0.00	1.00	0.00
6.26	24.98	2.00	0.00	1.00	0.00	6.27	25.46	2.00	0.00	1.00	0.00
6.28	25.85	2.00	0.00	1.00	0.00	6.29	26.09	2.00	0.00	1.00	0.00
6.30	26.26	2.00	0.00	1.00	0.00	6.31	26.37	2.00	0.00	1.00	0.00
6.32	26.28	2.00	0.00	1.00	0.00	6.33	26.25	2.00	0.00	1.00	0.00
6.34	26.53	2.00	0.00	1.00	0.00	6.35	26.86	2.00	0.00	1.00	0.00
6.36	27.17	2.00	0.00	1.00	0.00	6.37	27.36	2.00	0.00	1.00	0.00
6.38	27.53	2.00	0.00	1.00	0.00	6.39	27.60	2.00	0.00	1.00	0.00
6.40	27.43	2.00	0.00	1.00	0.00	6.41	27.24	2.00	0.00	1.00	0.00
6.42	26.98	2.00	0.00	1.00	0.00	6.43	26.47	2.00	0.00	1.00	0.00
6.44	26.13	2.00	0.00	1.00	0.00	6.45	25.97	2.00	0.00	1.00	0.00
6.46	26.51	2.00	0.00	1.00	0.00	6.47	26.92	2.00	0.00	1.00	0.00
6.48	27.40	2.00	0.00	1.00	0.00	6.49	27.57	2.00	0.00	1.00	0.00
6.50	27.74	2.00	0.00	1.00	0.00	6.51	27.84	2.00	0.00	1.00	0.00
6.52	27.84	2.00	0.00	1.00	0.00	6.53	27.76	2.00	0.00	1.00	0.00
6.54	27.68	2.00	0.00	1.00	0.00	6.55	27.78	2.00	0.00	1.00	0.00
6.56	28.08	2.00	0.00	1.00	0.00	6.57	28.32	2.00	0.00	1.00	0.00
6.58	28.48	2.00	0.00	1.00	0.00	6.59	28.43	2.00	0.00	1.00	0.00
6.60	28.38	2.00	0.00	1.00	0.00	6.61	28.38	2.00	0.00	1.00	0.00
6.62	28.54	2.00	0.00	1.00	0.00	6.63	28.78	2.00	0.00	1.00	0.00
6.64	28.97	2.00	0.00	1.00	0.00	6.65	29.00	2.00	0.00	1.00	0.00
6.66	28.95	2.00	0.00	1.00	0.00	6.67	28.84	2.00	0.00	1.00	0.00
6.68	28.84	2.00	0.00	1.00	0.00	6.69	29.04	2.00	0.00	1.00	0.00
6.70	29.55	2.00	0.00	1.00	0.00	6.71	30.14	2.00	0.00	1.00	0.00
6.72	30.58	2.00	0.00	1.00	0.00	6.73	31.03	2.00	0.00	1.00	0.00
6.74	31.29	2.00	0.00	1.00	0.00	6.75	31.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	31.46	2.00	0.00	1.00	0.00	6.77	29.28	2.00	0.00	1.00	0.00
6.78	27.18	2.00	0.00	1.00	0.00	6.79	24.95	2.00	0.00	1.00	0.00
6.80	25.72	2.00	0.00	1.00	0.00	6.81	26.40	2.00	0.00	1.00	0.00
6.82	26.93	2.00	0.00	1.00	0.00	6.83	27.34	2.00	0.00	1.00	0.00
6.84	27.46	2.00	0.00	1.00	0.00	6.85	27.58	2.00	0.00	1.00	0.00
6.86	27.46	2.00	0.00	1.00	0.00	6.87	27.28	2.00	0.00	1.00	0.00
6.88	27.16	2.00	0.00	1.00	0.00	6.89	27.33	2.00	0.00	1.00	0.00
6.90	27.51	2.00	0.00	1.00	0.00	6.91	27.63	2.00	0.00	1.00	0.00
6.92	27.63	2.00	0.00	1.00	0.00	6.93	27.63	2.00	0.00	1.00	0.00
6.94	27.62	2.00	0.00	1.00	0.00	6.95	27.57	2.00	0.00	1.00	0.00
6.96	27.57	2.00	0.00	1.00	0.00	6.97	27.62	2.00	0.00	1.00	0.00
6.98	27.80	2.00	0.00	1.00	0.00	6.99	27.96	2.00	0.00	1.00	0.00
7.00	28.13	2.00	0.00	1.00	0.00	7.01	28.40	2.00	0.00	1.00	0.00
7.02	28.72	2.00	0.00	1.00	0.00	7.03	29.20	2.00	0.00	1.00	0.00
7.04	29.56	2.00	0.00	1.00	0.00	7.05	29.76	2.00	0.00	1.00	0.00
7.06	29.61	2.00	0.00	1.00	0.00	7.07	29.38	2.00	0.00	1.00	0.00
7.08	29.24	2.00	0.00	1.00	0.00	7.09	29.99	2.00	0.00	1.00	0.00
7.10	30.67	2.00	0.00	1.00	0.00	7.11	31.46	2.00	0.00	1.00	0.00
7.12	32.04	2.00	0.00	1.00	0.00	7.13	32.77	2.00	0.00	1.00	0.00
7.14	33.28	2.00	0.00	1.00	0.00	7.15	33.43	2.00	0.00	1.00	0.00
7.16	33.40	2.00	0.00	1.00	0.00	7.17	33.24	2.00	0.00	1.00	0.00
7.18	33.02	2.00	0.00	1.00	0.00	7.19	32.92	2.00	0.00	1.00	0.00
7.20	33.12	2.00	0.00	1.00	0.00	7.21	33.44	2.00	0.00	1.00	0.00
7.22	33.65	2.00	0.00	1.00	0.00	7.23	33.35	2.00	0.00	1.00	0.00
7.24	32.79	2.00	0.00	1.00	0.00	7.25	32.03	2.00	0.00	1.00	0.00
7.26	31.62	2.00	0.00	1.00	0.00	7.27	31.27	2.00	0.00	1.00	0.00
7.28	31.11	2.00	0.00	1.00	0.00	7.29	31.12	2.00	0.00	1.00	0.00
7.30	31.23	2.00	0.00	1.00	0.00	7.31	31.20	2.00	0.00	1.00	0.00
7.32	30.99	2.00	0.00	1.00	0.00	7.33	30.69	2.00	0.00	1.00	0.00
7.34	30.34	2.00	0.00	1.00	0.00	7.35	30.06	2.00	0.00	1.00	0.00
7.36	29.98	2.00	0.00	1.00	0.00	7.37	30.15	2.00	0.00	1.00	0.00
7.38	30.25	2.00	0.00	1.00	0.00	7.39	29.95	2.00	0.00	1.00	0.00
7.40	29.62	2.00	0.00	1.00	0.00	7.41	29.02	2.00	0.00	1.00	0.00
7.42	28.60	2.00	0.00	1.00	0.00	7.43	27.84	2.00	0.00	1.00	0.00
7.44	27.23	2.00	0.00	1.00	0.00	7.45	26.58	2.00	0.00	1.00	0.00
7.46	26.13	2.00	0.00	1.00	0.00	7.47	25.95	2.00	0.00	1.00	0.00
7.48	25.97	2.00	0.00	1.00	0.00	7.49	26.37	2.00	0.00	1.00	0.00
7.50	27.10	2.00	0.00	1.00	0.00	7.51	27.90	2.00	0.00	1.00	0.00
7.52	28.54	2.00	0.00	1.00	0.00	7.53	29.18	2.00	0.00	1.00	0.00
7.54	29.63	2.00	0.00	1.00	0.00	7.55	30.80	2.00	0.00	1.00	0.00
7.56	32.01	2.00	0.00	1.00	0.00	7.57	33.62	2.00	0.00	1.00	0.00
7.58	35.24	2.00	0.00	1.00	0.00	7.59	36.67	2.00	0.00	1.00	0.00
7.60	37.92	2.00	0.00	1.00	0.00	7.61	38.75	2.00	0.00	1.00	0.00
7.62	39.43	2.00	0.00	1.00	0.00	7.63	39.89	2.00	0.00	1.00	0.00
7.64	40.04	2.00	0.00	1.00	0.00	7.65	40.05	2.00	0.00	1.00	0.00
7.66	40.19	2.00	0.00	1.00	0.00	7.67	40.48	2.00	0.00	1.00	0.00
7.68	40.85	2.00	0.00	1.00	0.00	7.69	40.92	2.00	0.00	1.00	0.00
7.70	40.73	2.00	0.00	1.00	0.00	7.71	40.26	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	39.77	2.00	0.00	1.00	0.00	7.73	39.51	2.00	0.00	1.00	0.00
7.74	39.52	2.00	0.00	1.00	0.00	7.75	39.65	2.00	0.00	1.00	0.00
7.76	39.72	2.00	0.00	1.00	0.00	7.77	38.37	2.00	0.00	1.00	0.00
7.78	37.11	2.00	0.00	1.00	0.00	7.79	35.90	2.00	0.00	1.00	0.00
7.80	36.29	2.00	0.00	1.00	0.00	7.81	36.41	2.00	0.00	1.00	0.00
7.82	36.39	2.00	0.00	1.00	0.00	7.83	36.37	2.00	0.00	1.00	0.00
7.84	36.28	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	35.72	2.00	0.00	1.00	0.00	7.87	35.30	2.00	0.00	1.00	0.00
7.88	34.88	2.00	0.00	1.00	0.00	7.89	34.62	2.00	0.00	1.00	0.00
7.90	34.36	2.00	0.00	1.00	0.00	7.91	34.09	2.00	0.00	1.00	0.00
7.92	33.68	2.00	0.00	1.00	0.00	7.93	33.35	2.00	0.00	1.00	0.00
7.94	33.15	2.00	0.00	1.00	0.00	7.95	33.12	2.00	0.00	1.00	0.00
7.96	33.14	2.00	0.00	1.00	0.00	7.97	33.10	2.00	0.00	1.00	0.00
7.98	33.07	2.00	0.00	1.00	0.00	7.99	32.99	2.00	0.00	1.00	0.00
8.00	33.00	2.00	0.00	1.00	0.00	8.01	33.26	2.00	0.00	1.00	0.00
8.02	33.74	2.00	0.00	1.00	0.00	8.03	34.29	2.00	0.00	1.00	0.00
8.04	34.67	2.00	0.00	1.00	0.00	8.05	34.90	2.00	0.00	1.00	0.00
8.06	35.07	2.00	0.00	1.00	0.00	8.07	35.19	2.00	0.00	1.00	0.00
8.08	35.39	2.00	0.00	1.00	0.00	8.09	35.59	2.00	0.00	1.00	0.00
8.10	35.87	2.00	0.00	1.00	0.00	8.11	36.11	2.00	0.00	1.00	0.00
8.12	36.57	2.00	0.00	1.00	0.00	8.13	36.94	2.00	0.00	1.00	0.00
8.14	37.26	2.00	0.00	1.00	0.00	8.15	37.18	2.00	0.00	1.00	0.00
8.16	37.03	2.00	0.00	1.00	0.00	8.17	36.88	2.00	0.00	1.00	0.00
8.18	37.03	2.00	0.00	1.00	0.00	8.19	37.36	2.00	0.00	1.00	0.00
8.20	37.76	2.00	0.00	1.00	0.00	8.21	38.00	2.00	0.00	1.00	0.00
8.22	38.19	2.00	0.00	1.00	0.00	8.23	38.45	2.00	0.00	1.00	0.00
8.24	38.75	2.00	0.00	1.00	0.00	8.25	38.99	2.00	0.00	1.00	0.00
8.26	39.12	2.00	0.00	1.00	0.00	8.27	39.20	2.00	0.00	1.00	0.00
8.28	39.39	2.00	0.00	1.00	0.00	8.29	39.72	2.00	0.00	1.00	0.00
8.30	40.05	2.00	0.00	1.00	0.00	8.31	40.22	2.00	0.00	1.00	0.00
8.32	39.93	2.00	0.00	1.00	0.00	8.33	39.47	2.00	0.00	1.00	0.00
8.34	38.94	2.00	0.00	1.00	0.00	8.35	38.60	2.00	0.00	1.00	0.00
8.36	38.40	2.00	0.00	1.00	0.00	8.37	38.29	2.00	0.00	1.00	0.00
8.38	38.20	2.00	0.00	1.00	0.00	8.39	38.10	2.00	0.00	1.00	0.00
8.40	38.04	2.00	0.00	1.00	0.00	8.41	38.04	2.00	0.00	1.00	0.00
8.42	38.07	2.00	0.00	1.00	0.00	8.43	38.06	2.00	0.00	1.00	0.00
8.44	38.06	2.00	0.00	1.00	0.00	8.45	38.09	2.00	0.00	1.00	0.00
8.46	38.10	2.00	0.00	1.00	0.00	8.47	38.06	2.00	0.00	1.00	0.00
8.48	38.03	2.00	0.00	1.00	0.00	8.49	38.05	2.00	0.00	1.00	0.00
8.50	38.01	2.00	0.00	1.00	0.00	8.51	37.73	2.00	0.00	1.00	0.00
8.52	37.45	2.00	0.00	1.00	0.00	8.53	37.09	2.00	0.00	1.00	0.00
8.54	36.73	2.00	0.00	1.00	0.00	8.55	36.37	2.00	0.00	1.00	0.00
8.56	36.25	2.00	0.00	1.00	0.00	8.57	36.30	2.00	0.00	1.00	0.00
8.58	36.07	2.00	0.00	1.00	0.00	8.59	35.73	2.00	0.00	1.00	0.00
8.60	35.34	2.00	0.00	1.00	0.00	8.61	35.46	2.00	0.00	1.00	0.00
8.62	35.69	2.00	0.00	1.00	0.00	8.63	35.98	2.00	0.00	1.00	0.00
8.64	36.11	2.00	0.00	1.00	0.00	8.65	36.61	2.00	0.00	1.00	0.00
8.66	37.21	2.00	0.00	1.00	0.00	8.67	37.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	38.38	2.00	0.00	1.00	0.00	8.69	38.86	2.00	0.00	1.00	0.00
8.70	39.30	2.00	0.00	1.00	0.00	8.71	39.86	2.00	0.00	1.00	0.00
8.72	40.51	2.00	0.00	1.00	0.00	8.73	41.42	2.00	0.00	1.00	0.00
8.74	42.61	2.00	0.00	1.00	0.00	8.75	43.52	2.00	0.00	1.00	0.00
8.76	44.08	2.00	0.00	1.00	0.00	8.77	42.51	2.00	0.00	1.00	0.00
8.78	41.25	2.00	0.00	1.00	0.00	8.79	40.63	2.00	0.00	1.00	0.00
8.80	42.60	2.00	0.00	1.00	0.00	8.81	44.72	2.00	0.00	1.00	0.00
8.82	46.40	2.00	0.00	1.00	0.00	8.83	47.30	2.00	0.00	1.00	0.00
8.84	47.57	2.00	0.00	1.00	0.00	8.85	47.46	2.00	0.00	1.00	0.00
8.86	47.20	2.00	0.00	1.00	0.00	8.87	46.81	2.00	0.00	1.00	0.00
8.88	46.45	2.00	0.00	1.00	0.00	8.89	46.17	2.00	0.00	1.00	0.00
8.90	46.05	2.00	0.00	1.00	0.00	8.91	45.99	2.00	0.00	1.00	0.00
8.92	45.78	2.00	0.00	1.00	0.00	8.93	45.45	2.00	0.00	1.00	0.00
8.94	44.81	2.00	0.00	1.00	0.00	8.95	43.68	2.00	0.00	1.00	0.00
8.96	42.62	0.57	4.70	1.00	0.05	8.97	42.03	0.56	4.76	1.00	0.05
8.98	42.16	0.57	4.74	1.00	0.05	8.99	42.16	0.57	4.74	1.00	0.05
9.00	42.03	0.56	4.76	1.00	0.05	9.01	41.85	0.56	4.77	1.00	0.05
9.02	41.75	0.56	4.78	1.00	0.05	9.03	41.65	0.56	4.79	1.00	0.05
9.04	41.68	0.56	4.79	1.00	0.05	9.05	42.38	0.57	4.72	1.00	0.05
9.06	43.16	0.57	4.65	1.00	0.05	9.07	43.94	0.58	4.59	1.00	0.05
9.08	44.45	0.58	4.54	1.00	0.05	9.09	45.38	0.58	4.47	1.00	0.04
9.10	47.53	2.00	0.00	1.00	0.00	9.11	49.91	2.00	0.00	1.00	0.00
9.12	52.13	2.00	0.00	1.00	0.00	9.13	53.49	2.00	0.00	1.00	0.00
9.14	54.27	2.00	0.00	1.00	0.00	9.15	54.51	2.00	0.00	1.00	0.00
9.16	54.38	2.00	0.00	1.00	0.00	9.17	54.46	2.00	0.00	1.00	0.00
9.18	54.79	2.00	0.00	1.00	0.00	9.19	54.07	2.00	0.00	1.00	0.00
9.20	52.22	2.00	0.00	1.00	0.00	9.21	49.58	2.00	0.00	1.00	0.00
9.22	48.29	2.00	0.00	1.00	0.00	9.23	48.35	2.00	0.00	1.00	0.00
9.24	49.81	2.00	0.00	1.00	0.00	9.25	51.06	2.00	0.00	1.00	0.00
9.26	51.92	2.00	0.00	1.00	0.00	9.27	51.81	2.00	0.00	1.00	0.00
9.28	51.34	2.00	0.00	1.00	0.00	9.29	50.57	2.00	0.00	1.00	0.00
9.30	49.91	2.00	0.00	1.00	0.00	9.31	49.71	0.61	4.14	1.00	0.04
9.32	49.67	0.61	4.15	1.00	0.04	9.33	49.73	0.61	4.14	1.00	0.04
9.34	50.26	0.61	4.11	1.00	0.04	9.35	52.31	0.62	3.98	1.00	0.04
9.36	55.68	0.64	3.78	1.00	0.04	9.37	60.41	0.67	3.53	1.00	0.04
9.38	66.40	0.71	3.27	1.00	0.03	9.39	71.25	0.76	3.09	1.00	0.03
9.40	74.68	0.79	2.97	1.00	0.03	9.41	75.74	0.80	2.93	1.00	0.03
9.42	75.73	0.80	2.93	1.00	0.03	9.43	75.39	0.80	2.95	1.00	0.03
9.44	75.25	0.80	2.95	1.00	0.03	9.45	75.80	0.80	2.93	1.00	0.03
9.46	76.93	0.82	2.90	1.00	0.03	9.47	78.01	0.83	2.86	1.00	0.03
9.48	78.78	0.84	2.84	1.00	0.03	9.49	78.94	0.84	2.84	1.00	0.03
9.50	78.85	0.84	2.84	1.00	0.03	9.51	78.66	0.84	2.85	1.00	0.03
9.52	78.56	0.84	2.85	1.00	0.03	9.53	78.76	0.84	2.84	1.00	0.03
9.54	79.51	0.85	2.82	1.00	0.03	9.55	80.56	0.86	2.16	1.00	0.02
9.56	82.15	0.88	2.10	1.00	0.02	9.57	85.38	0.92	1.98	1.00	0.02
9.58	89.31	0.98	0.98	1.00	0.01	9.59	93.76	1.05	0.94	1.00	0.01
9.60	98.44	1.13	0.56	1.00	0.01	9.61	103.41	1.23	0.40	1.00	0.00
9.62	107.98	1.32	0.27	1.00	0.00	9.63	109.86	1.36	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	109.73	2.00	0.00	1.00	0.00	9.65	108.79	2.00	0.00	1.00	0.00
9.66	107.71	2.00	0.00	1.00	0.00	9.67	106.75	2.00	0.00	1.00	0.00
9.68	105.19	2.00	0.00	1.00	0.00	9.69	102.97	2.00	0.00	1.00	0.00
9.70	100.68	2.00	0.00	1.00	0.00	9.71	98.24	2.00	0.00	1.00	0.00
9.72	95.96	2.00	0.00	1.00	0.00	9.73	92.52	2.00	0.00	1.00	0.00
9.74	89.18	2.00	0.00	1.00	0.00	9.75	86.68	2.00	0.00	1.00	0.00
9.76	85.99	2.00	0.00	1.00	0.00	9.77	90.51	2.00	0.00	1.00	0.00
9.78	94.66	2.00	0.00	1.00	0.00	9.79	98.65	2.00	0.00	1.00	0.00
9.80	98.55	2.00	0.00	1.00	0.00	9.81	98.90	2.00	0.00	1.00	0.00
9.82	99.79	2.00	0.00	1.00	0.00	9.83	100.53	2.00	0.00	1.00	0.00
9.84	101.10	2.00	0.00	1.00	0.00	9.85	101.34	2.00	0.00	1.00	0.00
9.86	100.93	2.00	0.00	1.00	0.00	9.87	100.07	2.00	0.00	1.00	0.00
9.88	99.21	2.00	0.00	1.00	0.00	9.89	99.24	2.00	0.00	1.00	0.00
9.90	99.30	2.00	0.00	1.00	0.00	9.91	99.16	2.00	0.00	1.00	0.00
9.92	98.77	2.00	0.00	1.00	0.00	9.93	99.54	2.00	0.00	1.00	0.00
9.94	101.30	2.00	0.00	1.00	0.00	9.95	103.68	2.00	0.00	1.00	0.00
9.96	105.44	2.00	0.00	1.00	0.00	9.97	106.53	2.00	0.00	1.00	0.00
9.98	107.46	2.00	0.00	1.00	0.00	9.99	108.52	2.00	0.00	1.00	0.00
10.00	110.43	2.00	0.00	1.00	0.00	10.01	112.55	2.00	0.00	1.00	0.00
10.02	115.10	2.00	0.00	1.00	0.00	10.03	117.14	2.00	0.00	1.00	0.00
10.04	119.35	2.00	0.00	1.00	0.00	10.05	121.08	2.00	0.00	1.00	0.00
10.06	122.02	2.00	0.00	1.00	0.00	10.07	122.21	2.00	0.00	1.00	0.00
10.08	122.96	2.00	0.00	1.00	0.00	10.09	124.21	2.00	0.00	1.00	0.00
10.10	125.17	2.00	0.00	1.00	0.00	10.11	123.98	2.00	0.00	1.00	0.00
10.12	121.88	2.00	0.00	1.00	0.00	10.13	119.51	2.00	0.00	1.00	0.00
10.14	117.99	2.00	0.00	1.00	0.00	10.15	116.79	2.00	0.00	1.00	0.00
10.16	116.54	2.00	0.00	1.00	0.00	10.17	117.38	2.00	0.00	1.00	0.00
10.18	119.07	2.00	0.00	1.00	0.00	10.19	120.83	2.00	0.00	1.00	0.00
10.20	121.69	2.00	0.00	1.00	0.00	10.21	120.38	2.00	0.00	1.00	0.00
10.22	117.54	2.00	0.00	1.00	0.00	10.23	115.00	2.00	0.00	1.00	0.00
10.24	114.49	2.00	0.00	1.00	0.00	10.25	116.96	2.00	0.00	1.00	0.00
10.26	120.87	2.00	0.00	1.00	0.00	10.27	123.15	2.00	0.00	1.00	0.00
10.28	122.61	2.00	0.00	1.00	0.00	10.29	119.70	2.00	0.00	1.00	0.00
10.30	117.58	2.00	0.00	1.00	0.00	10.31	116.13	2.00	0.00	1.00	0.00
10.32	114.89	2.00	0.00	1.00	0.00	10.33	113.56	2.00	0.00	1.00	0.00
10.34	112.05	2.00	0.00	1.00	0.00	10.35	110.93	2.00	0.00	1.00	0.00
10.36	109.89	2.00	0.00	1.00	0.00	10.37	109.25	2.00	0.00	1.00	0.00
10.38	109.09	2.00	0.00	1.00	0.00	10.39	108.64	2.00	0.00	1.00	0.00
10.40	107.76	2.00	0.00	1.00	0.00	10.41	106.51	2.00	0.00	1.00	0.00
10.42	106.15	2.00	0.00	1.00	0.00	10.43	106.76	2.00	0.00	1.00	0.00
10.44	107.55	2.00	0.00	1.00	0.00	10.45	108.04	2.00	0.00	1.00	0.00
10.46	107.46	2.00	0.00	1.00	0.00	10.47	107.10	2.00	0.00	1.00	0.00
10.48	106.97	2.00	0.00	1.00	0.00	10.49	107.07	2.00	0.00	1.00	0.00
10.50	107.02	2.00	0.00	1.00	0.00	10.51	106.79	2.00	0.00	1.00	0.00
10.52	106.76	2.00	0.00	1.00	0.00	10.53	106.40	2.00	0.00	1.00	0.00
10.54	105.21	2.00	0.00	1.00	0.00	10.55	103.63	2.00	0.00	1.00	0.00
10.56	101.34	2.00	0.00	1.00	0.00	10.57	99.34	2.00	0.00	1.00	0.00
10.58	98.02	2.00	0.00	1.00	0.00	10.59	97.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
10.60	97.48	2.00	0.00	1.00	0.00	10.61	95.49	2.00	0.00	1.00	0.00
10.62	93.15	2.00	0.00	1.00	0.00	10.63	90.87	2.00	0.00	1.00	0.00
10.64	89.71	2.00	0.00	1.00	0.00	10.65	88.58	2.00	0.00	1.00	0.00
10.66	87.60	2.00	0.00	1.00	0.00	10.67	87.18	2.00	0.00	1.00	0.00
10.68	86.60	2.00	0.00	1.00	0.00	10.69	85.96	2.00	0.00	1.00	0.00
10.70	85.31	2.00	0.00	1.00	0.00	10.71	84.62	2.00	0.00	1.00	0.00
10.72	83.68	2.00	0.00	1.00	0.00	10.73	82.42	2.00	0.00	1.00	0.00
10.74	81.56	2.00	0.00	1.00	0.00	10.75	81.02	2.00	0.00	1.00	0.00
10.76	75.89	2.00	0.00	1.00	0.00	10.77	71.58	2.00	0.00	1.00	0.00
10.78	67.09	2.00	0.00	1.00	0.00	10.79	68.12	2.00	0.00	1.00	0.00
10.80	68.16	2.00	0.00	1.00	0.00	10.81	68.33	2.00	0.00	1.00	0.00
10.82	68.70	2.00	0.00	1.00	0.00	10.83	69.11	2.00	0.00	1.00	0.00
10.84	69.39	2.00	0.00	1.00	0.00	10.85	69.48	2.00	0.00	1.00	0.00
10.86	71.38	2.00	0.00	1.00	0.00	10.87	73.88	2.00	0.00	1.00	0.00
10.88	76.75	2.00	0.00	1.00	0.00	10.89	78.30	2.00	0.00	1.00	0.00
10.90	79.77	2.00	0.00	1.00	0.00	10.91	81.39	2.00	0.00	1.00	0.00
10.92	83.22	2.00	0.00	1.00	0.00	10.93	84.32	2.00	0.00	1.00	0.00
10.94	85.25	2.00	0.00	1.00	0.00	10.95	86.75	2.00	0.00	1.00	0.00
10.96	89.69	2.00	0.00	1.00	0.00	10.97	93.34	2.00	0.00	1.00	0.00
10.98	96.36	2.00	0.00	1.00	0.00	10.99	99.45	2.00	0.00	1.00	0.00
11.00	101.98	2.00	0.00	1.00	0.00	11.01	104.15	2.00	0.00	1.00	0.00
11.02	105.56	2.00	0.00	1.00	0.00	11.03	106.91	2.00	0.00	1.00	0.00
11.04	108.66	2.00	0.00	1.00	0.00	11.05	109.99	2.00	0.00	1.00	0.00
11.06	110.85	2.00	0.00	1.00	0.00	11.07	110.41	2.00	0.00	1.00	0.00
11.08	109.49	2.00	0.00	1.00	0.00	11.09	107.74	2.00	0.00	1.00	0.00
11.10	105.28	2.00	0.00	1.00	0.00	11.11	101.94	2.00	0.00	1.00	0.00
11.12	97.86	2.00	0.00	1.00	0.00	11.13	94.47	2.00	0.00	1.00	0.00
11.14	91.56	2.00	0.00	1.00	0.00	11.15	89.40	2.00	0.00	1.00	0.00
11.16	86.67	2.00	0.00	1.00	0.00	11.17	82.36	2.00	0.00	1.00	0.00
11.18	78.43	2.00	0.00	1.00	0.00	11.19	75.20	2.00	0.00	1.00	0.00
11.20	73.83	2.00	0.00	1.00	0.00	11.21	72.49	2.00	0.00	1.00	0.00
11.22	71.23	2.00	0.00	1.00	0.00	11.23	70.71	2.00	0.00	1.00	0.00
11.24	70.24	2.00	0.00	1.00	0.00	11.25	70.06	2.00	0.00	1.00	0.00
11.26	69.28	2.00	0.00	1.00	0.00	11.27	67.97	2.00	0.00	1.00	0.00
11.28	66.06	2.00	0.00	1.00	0.00	11.29	63.45	2.00	0.00	1.00	0.00
11.30	61.38	2.00	0.00	1.00	0.00	11.31	60.06	2.00	0.00	1.00	0.00
11.32	59.84	0.71	3.56	1.00	0.04	11.33	60.16	0.71	3.54	1.00	0.04
11.34	60.29	0.71	3.54	1.00	0.04	11.35	60.31	0.71	3.54	1.00	0.04
11.36	60.24	0.71	3.54	1.00	0.04	11.37	60.15	0.71	3.54	1.00	0.04
11.38	60.05	0.71	3.55	1.00	0.04	11.39	59.71	0.71	3.57	1.00	0.04
11.40	59.42	0.71	3.58	1.00	0.04	11.41	59.66	0.71	3.57	1.00	0.04
11.42	60.39	0.72	3.53	1.00	0.04	11.43	61.19	0.72	3.50	1.00	0.03
11.44	61.69	0.73	3.47	1.00	0.03	11.45	61.84	0.73	3.47	1.00	0.03
11.46	61.94	0.73	3.46	1.00	0.03	11.47	62.48	0.73	3.44	1.00	0.03
11.48	63.54	0.74	3.39	1.00	0.03	11.49	65.42	0.76	3.31	1.00	0.03
11.50	67.70	2.00	0.00	1.00	0.00	11.51	69.40	2.00	0.00	1.00	0.00
11.52	70.36	2.00	0.00	1.00	0.00	11.53	70.99	2.00	0.00	1.00	0.00
11.54	72.24	2.00	0.00	1.00	0.00	11.55	74.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	77.46	2.00	0.00	1.00	0.00	11.57	79.63	2.00	0.00	1.00	0.00
11.58	80.19	2.00	0.00	1.00	0.00	11.59	79.72	2.00	0.00	1.00	0.00
11.60	78.95	2.00	0.00	1.00	0.00	11.61	78.52	0.90	2.24	1.00	0.02
11.62	78.69	0.90	2.24	1.00	0.02	11.63	78.88	0.90	2.23	1.00	0.02
11.64	79.01	0.90	2.22	1.00	0.02	11.65	79.11	0.90	2.22	1.00	0.02
11.66	79.39	2.00	0.00	1.00	0.00	11.67	79.77	2.00	0.00	1.00	0.00
11.68	80.70	2.00	0.00	1.00	0.00	11.69	81.67	2.00	0.00	1.00	0.00
11.70	82.55	2.00	0.00	1.00	0.00	11.71	83.52	2.00	0.00	1.00	0.00
11.72	83.94	2.00	0.00	1.00	0.00	11.73	84.28	2.00	0.00	1.00	0.00
11.74	83.91	2.00	0.00	1.00	0.00	11.75	83.88	2.00	0.00	1.00	0.00
11.76	86.92	2.00	0.00	1.00	0.00	11.77	89.66	2.00	0.00	1.00	0.00
11.78	91.93	2.00	0.00	1.00	0.00	11.79	90.89	2.00	0.00	1.00	0.00
11.80	89.60	2.00	0.00	1.00	0.00	11.81	88.65	2.00	0.00	1.00	0.00
11.82	87.84	2.00	0.00	1.00	0.00	11.83	87.25	2.00	0.00	1.00	0.00
11.84	85.32	2.00	0.00	1.00	0.00	11.85	83.06	2.00	0.00	1.00	0.00
11.86	79.89	2.00	0.00	1.00	0.00	11.87	76.54	2.00	0.00	1.00	0.00
11.88	73.46	2.00	0.00	1.00	0.00	11.89	71.54	2.00	0.00	1.00	0.00
11.90	71.04	2.00	0.00	1.00	0.00	11.91	71.31	0.82	3.08	1.00	0.03
11.92	71.78	0.83	3.07	1.00	0.03	11.93	73.94	0.85	2.45	1.00	0.02
11.94	76.68	0.88	2.32	1.00	0.02	11.95	80.24	0.93	2.17	1.00	0.02
11.96	83.47	0.97	1.05	1.00	0.01	11.97	86.90	1.02	1.01	1.00	0.01
11.98	89.47	1.07	0.59	1.00	0.01	11.99	90.84	2.00	0.00	1.00	0.00
12.00	88.50	2.00	0.00	1.00	0.00	12.01	86.05	2.00	0.00	1.00	0.00
12.02	84.08	2.00	0.00	1.00	0.00	12.03	84.13	2.00	0.00	1.00	0.00
12.04	83.81	2.00	0.00	1.00	0.00	12.05	83.70	2.00	0.00	1.00	0.00
12.06	84.08	2.00	0.00	1.00	0.00	12.07	84.24	2.00	0.00	1.00	0.00
12.08	83.56	2.00	0.00	1.00	0.00	12.09	83.52	2.00	0.00	1.00	0.00
12.10	84.44	2.00	0.00	1.00	0.00	12.11	86.39	2.00	0.00	1.00	0.00
12.12	87.98	2.00	0.00	1.00	0.00	12.13	88.34	2.00	0.00	1.00	0.00
12.14	87.28	2.00	0.00	1.00	0.00	12.15	84.41	2.00	0.00	1.00	0.00
12.16	81.58	2.00	0.00	1.00	0.00	12.17	78.99	2.00	0.00	1.00	0.00
12.18	77.58	2.00	0.00	1.00	0.00	12.19	76.29	2.00	0.00	1.00	0.00
12.20	75.45	2.00	0.00	1.00	0.00	12.21	75.38	2.00	0.00	1.00	0.00
12.22	75.96	2.00	0.00	1.00	0.00	12.23	74.81	2.00	0.00	1.00	0.00
12.24	72.17	2.00	0.00	1.00	0.00	12.25	68.23	2.00	0.00	1.00	0.00
12.26	64.55	2.00	0.00	1.00	0.00	12.27	62.06	2.00	0.00	1.00	0.00
12.28	61.37	0.75	3.49	1.00	0.03	12.29	62.90	0.76	3.42	1.00	0.03
12.30	64.65	0.77	3.34	1.00	0.03	12.31	66.17	0.79	3.28	1.00	0.03
12.32	68.91	0.81	3.17	1.00	0.03	12.33	73.00	0.86	2.50	1.00	0.02
12.34	76.84	0.90	2.32	1.00	0.02	12.35	79.37	0.93	2.21	1.00	0.02
12.36	80.04	0.94	2.18	1.00	0.02	12.37	80.42	0.95	2.16	1.00	0.02
12.38	80.80	0.95	1.08	1.00	0.01	12.39	80.64	0.95	1.08	1.00	0.01
12.40	79.89	0.94	2.19	1.00	0.02	12.41	78.46	0.92	2.25	1.00	0.02
12.42	77.32	0.91	2.29	1.00	0.02	12.43	76.70	0.90	2.32	1.00	0.02
12.44	77.01	0.91	2.31	1.00	0.02	12.45	77.72	0.91	2.28	1.00	0.02
12.46	78.77	0.93	2.23	1.00	0.02	12.47	79.90	0.94	2.19	1.00	0.02
12.48	80.06	0.95	2.18	1.00	0.02	12.49	79.11	0.93	2.22	1.00	0.02
12.50	77.30	0.91	2.30	1.00	0.02	12.51	76.28	0.90	2.34	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	76.25	0.90	2.34	1.00	0.02	12.53	76.84	0.91	2.32	1.00	0.02
12.54	77.07	0.91	2.31	1.00	0.02	12.55	76.44	0.90	2.33	1.00	0.02
12.56	74.55	0.88	2.42	1.00	0.02	12.57	72.61	0.86	2.52	1.00	0.03
12.58	71.41	0.85	3.08	1.00	0.03	12.59	71.69	0.85	2.57	1.00	0.03
12.60	61.00	0.75	3.50	1.00	0.04	12.61	64.44	0.78	3.35	1.00	0.03
12.62	68.47	0.82	3.19	1.00	0.03	12.63	83.25	1.00	1.05	1.00	0.01
12.64	86.28	1.04	1.01	1.00	0.01	12.65	88.69	1.08	0.60	1.00	0.01
12.66	90.49	1.11	0.59	1.00	0.01	12.67	91.90	1.14	0.58	1.00	0.01
12.68	92.09	1.14	0.58	1.00	0.01	12.69	90.20	1.11	0.59	1.00	0.01
12.70	78.58	0.94	2.24	1.00	0.02	12.71	76.06	0.90	2.35	1.00	0.02
12.72	73.51	0.88	2.47	1.00	0.02	12.73	71.30	0.85	2.59	1.00	0.03
12.74	70.40	0.84	3.12	1.00	0.03	12.75	70.01	0.84	3.13	1.00	0.03
12.76	69.22	0.83	3.16	1.00	0.03	12.77	68.61	0.83	3.18	1.00	0.03
12.78	68.23	0.82	3.20	1.00	0.03	12.79	68.85	0.83	3.17	1.00	0.03
12.80	69.66	0.84	3.14	1.00	0.03	12.81	70.22	0.84	3.12	1.00	0.03
12.82	70.40	0.84	3.12	1.00	0.03	12.83	69.87	0.84	3.14	1.00	0.03
12.84	69.08	0.83	3.16	1.00	0.03	12.85	68.17	0.82	3.20	1.00	0.03
12.86	67.41	0.82	3.23	1.00	0.03	12.87	66.93	0.81	3.25	1.00	0.03
12.88	67.01	0.81	3.24	1.00	0.03	12.89	67.56	0.82	3.22	1.00	0.03
12.90	68.43	0.83	3.19	1.00	0.03	12.91	69.37	0.84	3.15	1.00	0.03
12.92	70.51	0.85	3.11	1.00	0.03	12.93	71.46	0.86	2.58	1.00	0.03
12.94	72.14	0.87	2.54	1.00	0.03	12.95	72.32	0.87	2.53	1.00	0.03
12.96	72.21	0.87	2.54	1.00	0.03	12.97	71.76	0.86	2.56	1.00	0.03
12.98	71.20	0.86	2.59	1.00	0.03	12.99	70.86	0.86	2.61	1.00	0.03
13.00	70.84	0.86	2.61	1.00	0.03	13.01	71.10	0.86	2.60	1.00	0.03
13.02	71.59	0.86	2.57	1.00	0.03	13.03	72.05	0.87	2.55	1.00	0.03
13.04	72.29	0.87	2.53	1.00	0.03	13.05	72.30	0.87	2.53	1.00	0.03
13.06	72.37	0.87	2.53	1.00	0.03	13.07	72.51	0.88	2.52	1.00	0.03
13.08	72.51	0.88	2.52	1.00	0.03	13.09	72.33	0.88	2.53	1.00	0.03
13.10	71.96	0.87	2.55	1.00	0.03	13.11	71.49	0.87	2.58	1.00	0.03
13.12	70.77	0.86	2.62	1.00	0.03	13.13	70.01	0.85	2.66	1.00	0.03
13.14	69.11	0.84	3.16	1.00	0.03	13.15	67.76	0.83	3.22	1.00	0.03
13.16	66.17	0.82	3.28	1.00	0.03	13.17	64.58	0.80	3.34	1.00	0.03
13.18	63.31	0.79	3.40	1.00	0.03	13.19	62.33	0.78	3.44	1.00	0.03
13.20	61.60	0.78	3.48	1.00	0.03	13.21	61.23	0.77	3.49	1.00	0.03
13.22	60.93	0.77	3.51	1.00	0.04	13.23	73.32	0.89	2.48	1.00	0.02
13.24	73.06	0.89	2.50	1.00	0.02	13.25	72.57	0.88	2.52	1.00	0.03
13.26	71.63	0.87	2.57	1.00	0.03	13.27	70.44	0.86	2.63	1.00	0.03
13.28	69.04	0.85	3.17	1.00	0.03	13.29	67.28	0.83	3.23	1.00	0.03
13.30	65.56	0.81	3.30	1.00	0.03	13.31	63.99	0.80	3.37	1.00	0.03
13.32	62.85	0.79	3.42	1.00	0.03	13.33	61.94	0.78	3.46	1.00	0.03
13.34	61.27	0.78	3.49	1.00	0.03	13.35	60.75	0.78	3.52	1.00	0.04
13.36	60.43	0.77	3.53	1.00	0.04	13.37	60.20	0.77	3.54	1.00	0.04
13.38	60.30	0.77	3.54	1.00	0.04	13.39	60.42	0.77	3.53	1.00	0.04
13.40	60.49	0.77	3.53	1.00	0.04	13.41	60.31	0.77	3.54	1.00	0.04
13.42	59.89	0.77	3.56	1.00	0.04	13.43	59.10	0.76	3.60	1.00	0.04
13.44	58.19	0.76	3.64	1.00	0.04	13.45	57.21	0.75	3.69	1.00	0.04
13.46	39.52	0.64	5.00	1.00	0.05	13.47	39.79	0.64	4.97	1.00	0.05



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	40.20	0.65	4.93	1.00	0.05	13.49	40.59	0.65	4.89	1.00	0.05
13.50	41.09	0.65	4.85	1.00	0.05	13.51	41.56	0.65	4.80	1.00	0.05
13.52	42.00	0.66	4.76	1.00	0.05	13.53	42.34	0.66	4.73	1.00	0.05
13.54	42.61	0.66	4.70	1.00	0.05	13.55	42.80	0.66	4.69	1.00	0.05
13.56	42.89	0.66	4.68	1.00	0.05	13.57	42.97	0.67	4.67	1.00	0.05
13.58	43.02	0.67	4.67	1.00	0.05	13.59	43.13	0.67	4.66	1.00	0.05
13.60	43.24	0.67	4.65	1.00	0.05	13.61	43.42	0.67	4.63	1.00	0.05
13.62	43.61	0.67	4.61	1.00	0.05	13.63	43.90	0.67	4.59	1.00	0.05
13.64	44.26	0.68	4.56	1.00	0.05	13.65	44.84	0.68	4.51	1.00	0.05
13.66	45.45	0.68	4.46	1.00	0.04	13.67	46.06	0.69	4.41	1.00	0.04
13.68	46.85	0.69	4.35	1.00	0.04	13.69	47.78	0.70	4.28	1.00	0.04
13.70	49.09	0.71	4.19	1.00	0.04	13.71	50.08	0.71	4.12	1.00	0.04
13.72	50.86	0.72	4.07	1.00	0.04	13.73	51.11	0.72	4.05	1.00	0.04
13.74	51.19	0.72	4.05	1.00	0.04	13.75	50.49	0.72	4.09	1.00	0.04
13.76	49.58	0.71	4.15	1.00	0.04	13.77	48.53	0.71	4.23	1.00	0.04
13.78	47.95	0.70	4.27	1.00	0.04	13.79	47.58	0.70	4.30	1.00	0.04
13.80	47.39	0.70	4.31	1.00	0.04	13.81	47.44	0.70	4.31	1.00	0.04
13.82	47.77	0.70	4.28	1.00	0.04	13.83	48.41	0.71	4.24	1.00	0.04
13.84	49.23	0.71	4.18	1.00	0.04	13.85	50.01	0.72	4.12	1.00	0.04
13.86	51.21	0.73	4.04	1.00	0.04	13.87	52.76	0.74	3.95	1.00	0.04
13.88	54.69	0.75	3.83	1.00	0.04	13.89	57.12	0.76	3.70	1.00	0.04
13.90	59.55	0.78	3.57	1.00	0.04	13.91	61.76	0.80	3.47	1.00	0.03
13.92	63.26	0.81	3.40	1.00	0.03	13.93	64.20	0.82	3.36	1.00	0.03
13.94	64.66	0.83	3.34	1.00	0.03	13.95	64.41	0.83	3.35	1.00	0.03
13.96	64.16	0.82	3.36	1.00	0.03	13.97	63.95	0.82	3.37	1.00	0.03
13.98	64.06	0.82	3.37	1.00	0.03	13.99	64.40	0.83	3.35	1.00	0.03
14.00	65.10	0.83	3.32	1.00	0.03	14.01	66.14	0.84	3.28	1.00	0.03
14.02	67.11	0.85	2.83	1.00	0.03	14.03	67.88	0.86	2.78	1.00	0.03
14.04	67.88	0.86	2.78	1.00	0.03	14.05	67.48	0.86	2.81	1.00	0.03
14.06	66.67	0.85	2.86	1.00	0.03	14.07	65.38	0.84	3.31	1.00	0.03
14.08	63.85	0.83	3.38	1.00	0.03	14.09	62.04	0.81	3.46	1.00	0.03
14.10	60.44	0.80	3.53	1.00	0.04	14.11	71.57	0.91	2.57	1.00	0.03
14.12	70.58	0.89	2.63	1.00	0.03	14.13	69.69	0.89	2.68	1.00	0.03
14.14	69.38	0.88	2.69	1.00	0.03	14.15	69.53	0.88	2.69	1.00	0.03
14.16	69.92	0.89	2.66	1.00	0.03	14.17	70.35	0.89	2.64	1.00	0.03
14.18	70.53	0.90	2.63	1.00	0.03	14.19	70.66	0.90	2.62	1.00	0.03
14.20	70.80	0.90	2.61	1.00	0.03	14.21	71.01	0.90	2.60	1.00	0.03
14.22	71.26	0.91	2.59	1.00	0.03	14.23	71.53	0.91	2.57	1.00	0.03
14.24	71.98	0.92	2.55	1.00	0.03	14.25	72.45	0.92	2.53	1.00	0.03
14.26	60.74	0.81	3.52	1.00	0.04	14.27	61.86	0.82	3.46	1.00	0.03
14.28	62.88	0.82	3.42	1.00	0.03	14.29	63.80	0.83	3.38	1.00	0.03
14.30	64.24	0.84	3.36	1.00	0.03	14.31	64.41	0.84	3.35	1.00	0.03
14.32	64.34	0.84	3.35	1.00	0.03	14.33	63.76	0.83	3.38	1.00	0.03
14.34	63.02	0.83	3.41	1.00	0.03	14.35	62.17	0.82	3.45	1.00	0.03
14.36	61.49	0.82	3.48	1.00	0.03	14.37	60.95	0.81	3.51	1.00	0.04
14.38	60.71	0.81	3.52	1.00	0.04	14.39	60.92	0.81	3.51	1.00	0.04
14.40	61.36	0.82	3.49	1.00	0.03	14.41	61.91	0.82	3.46	1.00	0.03
14.42	62.35	0.83	3.44	1.00	0.03	14.43	62.42	0.83	3.44	1.00	0.03

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	62.16	0.82	3.45	1.00	0.03	14.45	61.65	0.82	3.47	1.00	0.03
14.46	60.88	0.81	3.51	1.00	0.04	14.47	59.96	0.81	3.55	1.00	0.04
14.48	58.95	0.80	3.60	1.00	0.04	14.49	57.76	0.79	3.66	1.00	0.04
14.50	56.44	0.78	3.73	1.00	0.04	14.51	54.99	0.77	3.82	1.00	0.04
14.52	53.80	0.76	3.88	1.00	0.04	14.53	66.40	0.87	2.87	1.00	0.03
14.54	65.36	0.86	2.94	1.00	0.03	14.55	64.13	0.85	3.36	1.00	0.03
14.56	63.16	0.84	3.41	1.00	0.03	14.57	62.19	0.83	3.45	1.00	0.03
14.58	61.29	0.82	3.49	1.00	0.03	14.59	60.55	0.82	3.53	1.00	0.04
14.60	60.00	0.81	3.55	1.00	0.04	14.61	59.71	0.81	3.57	1.00	0.04
14.62	59.53	0.81	3.58	1.00	0.04	14.63	59.49	0.81	3.58	1.00	0.04
14.64	59.62	0.81	3.57	1.00	0.04	14.65	59.95	0.81	3.55	1.00	0.04
14.66	60.81	0.82	3.51	1.00	0.04	14.67	61.94	0.83	3.46	1.00	0.03
14.68	63.34	0.84	3.40	1.00	0.03	14.69	64.49	0.85	3.00	1.00	0.03
14.70	65.31	0.86	2.95	1.00	0.03	14.71	65.75	0.87	2.92	1.00	0.03
14.72	65.85	0.87	2.91	1.00	0.03	14.73	65.89	0.87	2.91	1.00	0.03
14.74	50.90	0.75	4.07	1.00	0.04	14.75	54.07	0.77	3.87	1.00	0.04
14.76	58.24	0.80	3.64	1.00	0.04	14.77	62.45	0.84	3.44	1.00	0.03
14.78	66.72	0.88	2.85	1.00	0.03	14.79	70.90	0.93	2.61	1.00	0.03
14.80	74.03	0.96	1.17	1.00	0.01	14.81	76.31	0.99	1.14	1.00	0.01
14.82	77.73	1.01	1.12	1.00	0.01	14.83	77.93	1.02	1.11	1.00	0.01
14.84	77.43	1.01	1.12	1.00	0.01	14.85	76.56	1.00	1.13	1.00	0.01
14.86	75.49	0.99	1.15	1.00	0.01	14.87	74.29	0.97	1.16	1.00	0.01
14.88	73.19	0.96	1.18	1.00	0.01	14.89	72.12	0.94	2.54	1.00	0.03
14.90	71.25	0.93	2.59	1.00	0.03	14.91	70.49	0.93	2.63	1.00	0.03
14.92	69.82	0.92	2.67	1.00	0.03	14.93	69.59	0.92	2.68	1.00	0.03
14.94	69.63	0.92	2.68	1.00	0.03	14.95	70.13	0.92	2.65	1.00	0.03
14.96	71.78	0.94	2.56	1.00	0.03	14.97	74.09	0.97	1.17	1.00	0.01
14.98	77.06	1.01	1.13	1.00	0.01	14.99	80.27	1.06	0.64	1.00	0.01
15.00	85.42	1.14	0.61	1.00	0.01	15.01	90.86	2.00	0.00	1.00	0.00
15.02	96.02	2.00	0.00	1.00	0.00	15.03	100.08	2.00	0.00	1.00	0.00
15.04	103.57	2.00	0.00	1.00	0.00	15.05	106.06	2.00	0.00	1.00	0.00
15.06	106.62	2.00	0.00	1.00	0.00	15.07	105.54	2.00	0.00	1.00	0.00
15.08	104.03	2.00	0.00	1.00	0.00	15.09	102.42	2.00	0.00	1.00	0.00
15.10	100.85	2.00	0.00	1.00	0.00	15.11	98.91	2.00	0.00	1.00	0.00
15.12	96.71	2.00	0.00	1.00	0.00	15.13	93.77	2.00	0.00	1.00	0.00
15.14	90.80	2.00	0.00	1.00	0.00	15.15	87.99	2.00	0.00	1.00	0.00
15.16	86.32	2.00	0.00	1.00	0.00	15.17	85.48	2.00	0.00	1.00	0.00
15.18	85.54	2.00	0.00	1.00	0.00	15.19	87.26	2.00	0.00	1.00	0.00
15.20	89.71	2.00	0.00	1.00	0.00	15.21	92.63	2.00	0.00	1.00	0.00
15.22	96.05	2.00	0.00	1.00	0.00	15.23	99.60	2.00	0.00	1.00	0.00
15.24	103.28	2.00	0.00	1.00	0.00	15.25	106.16	2.00	0.00	1.00	0.00
15.26	110.09	2.00	0.00	1.00	0.00	15.27	114.18	2.00	0.00	1.00	0.00
15.28	118.37	2.00	0.00	1.00	0.00	15.29	121.96	2.00	0.00	1.00	0.00
15.30	124.79	2.00	0.00	1.00	0.00	15.31	126.88	2.00	0.00	1.00	0.00
15.32	127.69	2.00	0.00	1.00	0.00	15.33	128.20	2.00	0.00	1.00	0.00
15.34	128.41	2.00	0.00	1.00	0.00	15.35	128.22	2.00	0.00	1.00	0.00
15.36	127.54	2.00	0.00	1.00	0.00	15.37	126.86	2.00	0.00	1.00	0.00
15.38	126.38	2.00	0.00	1.00	0.00	15.39	125.94	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	125.26	2.00	0.00	1.00	0.00	15.41	124.15	2.00	0.00	1.00	0.00
15.42	122.88	2.00	0.00	1.00	0.00	15.43	121.68	2.00	0.00	1.00	0.00
15.44	120.58	2.00	0.00	1.00	0.00	15.45	118.82	2.00	0.00	1.00	0.00
15.46	116.57	2.00	0.00	1.00	0.00	15.47	114.23	2.00	0.00	1.00	0.00
15.48	112.24	2.00	0.00	1.00	0.00	15.49	110.54	2.00	0.00	1.00	0.00
15.50	108.74	2.00	0.00	1.00	0.00	15.51	106.72	2.00	0.00	1.00	0.00
15.52	104.50	2.00	0.00	1.00	0.00	15.53	102.28	2.00	0.00	1.00	0.00
15.54	99.80	2.00	0.00	1.00	0.00	15.55	97.19	2.00	0.00	1.00	0.00
15.56	94.35	2.00	0.00	1.00	0.00	15.57	91.38	2.00	0.00	1.00	0.00
15.58	97.03	2.00	0.00	1.00	0.00	15.59	95.01	2.00	0.00	1.00	0.00
15.60	93.07	2.00	0.00	1.00	0.00	15.61	91.30	2.00	0.00	1.00	0.00
15.62	89.81	2.00	0.00	1.00	0.00	15.63	88.96	2.00	0.00	1.00	0.00
15.64	88.36	2.00	0.00	1.00	0.00	15.65	87.92	2.00	0.00	1.00	0.00
15.66	87.60	2.00	0.00	1.00	0.00	15.67	87.47	2.00	0.00	1.00	0.00
15.68	87.25	2.00	0.00	1.00	0.00	15.69	86.74	2.00	0.00	1.00	0.00
15.70	85.50	2.00	0.00	1.00	0.00	15.71	83.50	2.00	0.00	1.00	0.00
15.72	81.41	2.00	0.00	1.00	0.00	15.73	80.02	2.00	0.00	1.00	0.00
15.74	79.50	2.00	0.00	1.00	0.00	15.75	75.25	2.00	0.00	1.00	0.00
15.76	70.59	2.00	0.00	1.00	0.00	15.77	65.45	2.00	0.00	1.00	0.00
15.78	64.42	2.00	0.00	1.00	0.00	15.79	63.45	2.00	0.00	1.00	0.00
15.80	62.26	2.00	0.00	1.00	0.00	15.81	61.17	2.00	0.00	1.00	0.00
15.82	60.66	2.00	0.00	1.00	0.00	15.83	61.34	2.00	0.00	1.00	0.00
15.84	62.28	2.00	0.00	1.00	0.00	15.85	62.97	2.00	0.00	1.00	0.00
15.86	63.62	2.00	0.00	1.00	0.00	15.87	64.43	2.00	0.00	1.00	0.00
15.88	65.54	2.00	0.00	1.00	0.00	15.89	66.48	2.00	0.00	1.00	0.00
15.90	68.24	2.00	0.00	1.00	0.00	15.91	70.00	2.00	0.00	1.00	0.00
15.92	71.67	2.00	0.00	1.00	0.00	15.93	72.73	2.00	0.00	1.00	0.00
15.94	73.73	2.00	0.00	1.00	0.00	15.95	74.59	2.00	0.00	1.00	0.00
15.96	73.08	2.00	0.00	1.00	0.00	15.97	69.97	2.00	0.00	1.00	0.00
15.98	65.53	2.00	0.00	1.00	0.00	15.99	63.18	2.00	0.00	1.00	0.00
16.00	62.42	2.00	0.00	1.00	0.00	16.01	63.14	2.00	0.00	1.00	0.00
16.02	64.77	2.00	0.00	1.00	0.00	16.03	66.66	2.00	0.00	1.00	0.00
16.04	68.93	2.00	0.00	1.00	0.00	16.05	72.53	2.00	0.00	1.00	0.00
16.06	76.67	2.00	0.00	1.00	0.00	16.07	80.55	2.00	0.00	1.00	0.00
16.08	82.71	2.00	0.00	1.00	0.00	16.09	83.93	2.00	0.00	1.00	0.00
16.10	84.16	2.00	0.00	1.00	0.00	16.11	82.53	2.00	0.00	1.00	0.00
16.12	80.17	2.00	0.00	1.00	0.00	16.13	76.90	2.00	0.00	1.00	0.00
16.14	72.61	2.00	0.00	1.00	0.00	16.15	67.98	2.00	0.00	1.00	0.00
16.16	63.61	2.00	0.00	1.00	0.00	16.17	60.35	2.00	0.00	1.00	0.00
16.18	57.81	2.00	0.00	1.00	0.00	16.19	56.68	2.00	0.00	1.00	0.00
16.20	58.75	2.00	0.00	1.00	0.00	16.21	61.67	2.00	0.00	1.00	0.00
16.22	64.89	2.00	0.00	1.00	0.00	16.23	67.89	2.00	0.00	1.00	0.00
16.24	70.74	2.00	0.00	1.00	0.00	16.25	73.60	2.00	0.00	1.00	0.00
16.26	75.59	2.00	0.00	1.00	0.00	16.27	76.45	2.00	0.00	1.00	0.00
16.28	75.44	2.00	0.00	1.00	0.00	16.29	72.15	2.00	0.00	1.00	0.00
16.30	68.68	2.00	0.00	1.00	0.00	16.31	65.94	2.00	0.00	1.00	0.00
16.32	64.08	2.00	0.00	1.00	0.00	16.33	62.47	2.00	0.00	1.00	0.00
16.34	46.58	2.00	0.00	1.00	0.00	16.35	47.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	49.07	2.00	0.00	1.00	0.00	16.37	51.26	2.00	0.00	1.00	0.00
16.38	54.50	2.00	0.00	1.00	0.00	16.39	58.12	2.00	0.00	1.00	0.00
16.40	61.89	2.00	0.00	1.00	0.00	16.41	65.74	2.00	0.00	1.00	0.00
16.42	69.22	2.00	0.00	1.00	0.00	16.43	72.21	2.00	0.00	1.00	0.00
16.44	73.72	2.00	0.00	1.00	0.00	16.45	74.51	2.00	0.00	1.00	0.00
16.46	74.79	2.00	0.00	1.00	0.00	16.47	74.60	2.00	0.00	1.00	0.00
16.48	74.33	2.00	0.00	1.00	0.00	16.49	73.78	2.00	0.00	1.00	0.00
16.50	72.62	2.00	0.00	1.00	0.00	16.51	71.52	2.00	0.00	1.00	0.00
16.52	70.74	2.00	0.00	1.00	0.00	16.53	70.50	2.00	0.00	1.00	0.00
16.54	70.14	2.00	0.00	1.00	0.00	16.55	69.58	2.00	0.00	1.00	0.00
16.56	68.84	2.00	0.00	1.00	0.00	16.57	68.20	2.00	0.00	1.00	0.00
16.58	67.35	2.00	0.00	1.00	0.00	16.59	78.06	2.00	0.00	1.00	0.00
16.60	76.87	2.00	0.00	1.00	0.00	16.61	75.47	2.00	0.00	1.00	0.00
16.62	73.67	2.00	0.00	1.00	0.00	16.63	71.74	2.00	0.00	1.00	0.00
16.64	69.60	2.00	0.00	1.00	0.00	16.65	67.22	2.00	0.00	1.00	0.00
16.66	65.29	2.00	0.00	1.00	0.00	16.67	64.36	2.00	0.00	1.00	0.00
16.68	65.33	2.00	0.00	1.00	0.00	16.69	67.73	2.00	0.00	1.00	0.00
16.70	71.01	2.00	0.00	1.00	0.00	16.71	75.23	2.00	0.00	1.00	0.00
16.72	78.51	2.00	0.00	1.00	0.00	16.73	80.76	2.00	0.00	1.00	0.00
16.74	82.89	2.00	0.00	1.00	0.00	16.75	86.96	2.00	0.00	1.00	0.00
16.76	91.31	2.00	0.00	1.00	0.00	16.77	94.37	2.00	0.00	1.00	0.00
16.78	95.46	2.00	0.00	1.00	0.00	16.79	95.40	2.00	0.00	1.00	0.00
16.80	93.85	2.00	0.00	1.00	0.00	16.81	92.24	2.00	0.00	1.00	0.00
16.82	90.94	2.00	0.00	1.00	0.00	16.83	89.83	2.00	0.00	1.00	0.00
16.84	88.50	2.00	0.00	1.00	0.00	16.85	86.75	2.00	0.00	1.00	0.00
16.86	84.05	2.00	0.00	1.00	0.00	16.87	80.84	2.00	0.00	1.00	0.00
16.88	77.07	2.00	0.00	1.00	0.00	16.89	72.92	2.00	0.00	1.00	0.00
16.90	68.94	2.00	0.00	1.00	0.00	16.91	65.45	2.00	0.00	1.00	0.00
16.92	63.54	2.00	0.00	1.00	0.00	16.93	62.31	2.00	0.00	1.00	0.00
16.94	61.73	2.00	0.00	1.00	0.00	16.95	61.81	2.00	0.00	1.00	0.00
16.96	62.04	2.00	0.00	1.00	0.00	16.97	62.48	2.00	0.00	1.00	0.00
16.98	63.11	2.00	0.00	1.00	0.00	16.99	64.37	2.00	0.00	1.00	0.00
17.00	65.82	2.00	0.00	1.00	0.00	17.01	67.33	2.00	0.00	1.00	0.00
17.02	68.77	2.00	0.00	1.00	0.00	17.03	70.07	2.00	0.00	1.00	0.00
17.04	71.23	2.00	0.00	1.00	0.00	17.05	71.93	2.00	0.00	1.00	0.00
17.06	72.56	2.00	0.00	1.00	0.00	17.07	73.13	2.00	0.00	1.00	0.00
17.08	73.63	2.00	0.00	1.00	0.00	17.09	73.96	2.00	0.00	1.00	0.00
17.10	74.09	2.00	0.00	1.00	0.00	17.11	74.21	2.00	0.00	1.00	0.00
17.12	74.34	2.00	0.00	1.00	0.00	17.13	74.52	2.00	0.00	1.00	0.00
17.14	74.42	2.00	0.00	1.00	0.00	17.15	74.23	2.00	0.00	1.00	0.00
17.16	74.16	2.00	0.00	1.00	0.00	17.17	74.37	2.00	0.00	1.00	0.00
17.18	74.74	2.00	0.00	1.00	0.00	17.19	75.13	2.00	0.00	1.00	0.00
17.20	75.51	2.00	0.00	1.00	0.00	17.21	76.45	2.00	0.00	1.00	0.00
17.22	77.43	2.00	0.00	1.00	0.00	17.23	78.42	2.00	0.00	1.00	0.00
17.24	79.19	2.00	0.00	1.00	0.00	17.25	79.81	2.00	0.00	1.00	0.00
17.26	80.17	2.00	0.00	1.00	0.00	17.27	80.17	2.00	0.00	1.00	0.00
17.28	80.15	2.00	0.00	1.00	0.00	17.29	80.25	2.00	0.00	1.00	0.00
17.30	80.39	2.00	0.00	1.00	0.00	17.31	80.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	80.61	2.00	0.00	1.00	0.00	17.33	80.61	2.00	0.00	1.00	0.00
17.34	80.69	2.00	0.00	1.00	0.00	17.35	80.80	2.00	0.00	1.00	0.00
17.36	80.90	2.00	0.00	1.00	0.00	17.37	80.91	2.00	0.00	1.00	0.00
17.38	80.92	2.00	0.00	1.00	0.00	17.39	80.98	2.00	0.00	1.00	0.00
17.40	81.34	2.00	0.00	1.00	0.00	17.41	81.61	2.00	0.00	1.00	0.00
17.42	81.91	2.00	0.00	1.00	0.00	17.43	81.93	2.00	0.00	1.00	0.00
17.44	81.94	2.00	0.00	1.00	0.00	17.45	81.88	2.00	0.00	1.00	0.00
17.46	81.80	2.00	0.00	1.00	0.00	17.47	81.62	2.00	0.00	1.00	0.00
17.48	81.31	2.00	0.00	1.00	0.00	17.49	80.88	2.00	0.00	1.00	0.00
17.50	80.50	2.00	0.00	1.00	0.00	17.51	80.23	2.00	0.00	1.00	0.00
17.52	79.99	2.00	0.00	1.00	0.00	17.53	79.83	2.00	0.00	1.00	0.00
17.54	79.82	2.00	0.00	1.00	0.00	17.55	80.14	2.00	0.00	1.00	0.00
17.56	80.61	2.00	0.00	1.00	0.00	17.57	81.12	2.00	0.00	1.00	0.00
17.58	81.62	2.00	0.00	1.00	0.00	17.59	82.17	2.00	0.00	1.00	0.00
17.60	82.64	2.00	0.00	1.00	0.00	17.61	83.06	2.00	0.00	1.00	0.00
17.62	83.58	2.00	0.00	1.00	0.00	17.63	84.12	2.00	0.00	1.00	0.00
17.64	84.54	2.00	0.00	1.00	0.00	17.65	84.80	2.00	0.00	1.00	0.00
17.66	85.00	2.00	0.00	1.00	0.00	17.67	85.33	2.00	0.00	1.00	0.00
17.68	85.83	2.00	0.00	1.00	0.00	17.69	86.21	2.00	0.00	1.00	0.00
17.70	86.34	2.00	0.00	1.00	0.00	17.71	86.14	2.00	0.00	1.00	0.00
17.72	85.95	2.00	0.00	1.00	0.00	17.73	85.84	2.00	0.00	1.00	0.00
17.74	84.87	2.00	0.00	1.00	0.00	17.75	83.87	2.00	0.00	1.00	0.00
17.76	83.14	2.00	0.00	1.00	0.00	17.77	83.58	2.00	0.00	1.00	0.00
17.78	84.20	2.00	0.00	1.00	0.00	17.79	84.86	2.00	0.00	1.00	0.00
17.80	85.55	2.00	0.00	1.00	0.00	17.81	86.12	2.00	0.00	1.00	0.00
17.82	86.72	2.00	0.00	1.00	0.00	17.83	87.34	2.00	0.00	1.00	0.00
17.84	88.14	2.00	0.00	1.00	0.00	17.85	89.13	2.00	0.00	1.00	0.00
17.86	90.23	2.00	0.00	1.00	0.00	17.87	91.27	2.00	0.00	1.00	0.00
17.88	92.11	2.00	0.00	1.00	0.00	17.89	92.85	2.00	0.00	1.00	0.00
17.90	93.61	2.00	0.00	1.00	0.00	17.91	94.06	2.00	0.00	1.00	0.00
17.92	94.33	2.00	0.00	1.00	0.00	17.93	94.57	2.00	0.00	1.00	0.00
17.94	94.98	2.00	0.00	1.00	0.00	17.95	95.51	2.00	0.00	1.00	0.00
17.96	96.13	2.00	0.00	1.00	0.00	17.97	96.54	2.00	0.00	1.00	0.00
17.98	96.95	2.00	0.00	1.00	0.00	17.99	97.78	2.00	0.00	1.00	0.00
18.00	98.90	2.00	0.00	1.00	0.00	18.01	100.15	2.00	0.00	1.00	0.00
18.02	101.00	2.00	0.00	1.00	0.00	18.03	101.70	2.00	0.00	1.00	0.00
18.04	102.14	2.00	0.00	1.00	0.00	18.05	102.83	2.00	0.00	1.00	0.00
18.06	103.46	2.00	0.00	1.00	0.00	18.07	104.11	2.00	0.00	1.00	0.00
18.08	104.05	2.00	0.00	1.00	0.00	18.09	103.79	2.00	0.00	1.00	0.00
18.10	103.27	2.00	0.00	1.00	0.00	18.11	102.74	2.00	0.00	1.00	0.00
18.12	102.19	2.00	0.00	1.00	0.00	18.13	101.52	2.00	0.00	1.00	0.00
18.14	100.78	2.00	0.00	1.00	0.00	18.15	100.18	2.00	0.00	1.00	0.00
18.16	99.84	2.00	0.00	1.00	0.00	18.17	99.63	2.00	0.00	1.00	0.00
18.18	99.38	2.00	0.00	1.00	0.00	18.19	98.97	2.00	0.00	1.00	0.00
18.20	98.66	2.00	0.00	1.00	0.00	18.21	98.41	2.00	0.00	1.00	0.00
18.22	98.56	2.00	0.00	1.00	0.00	18.23	98.96	2.00	0.00	1.00	0.00
18.24	99.55	2.00	0.00	1.00	0.00	18.25	99.99	2.00	0.00	1.00	0.00
18.26	100.38	2.00	0.00	1.00	0.00	18.27	100.58	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	100.62	2.00	0.00	1.00	0.00	18.29	100.42	2.00	0.00	1.00	0.00
18.30	100.04	2.00	0.00	1.00	0.00	18.31	99.65	2.00	0.00	1.00	0.00
18.32	99.18	2.00	0.00	1.00	0.00	18.33	98.32	2.00	0.00	1.00	0.00
18.34	97.29	2.00	0.00	1.00	0.00	18.35	96.24	2.00	0.00	1.00	0.00
18.36	95.19	2.00	0.00	1.00	0.00	18.37	94.12	2.00	0.00	1.00	0.00
18.38	92.91	2.00	0.00	1.00	0.00	18.39	91.52	2.00	0.00	1.00	0.00
18.40	90.09	2.00	0.00	1.00	0.00	18.41	88.90	2.00	0.00	1.00	0.00
18.42	87.57	2.00	0.00	1.00	0.00	18.43	86.40	2.00	0.00	1.00	0.00
18.44	84.96	2.00	0.00	1.00	0.00	18.45	84.01	2.00	0.00	1.00	0.00
18.46	83.40	2.00	0.00	1.00	0.00	18.47	83.05	2.00	0.00	1.00	0.00
18.48	82.58	2.00	0.00	1.00	0.00	18.49	81.84	2.00	0.00	1.00	0.00
18.50	81.03	2.00	0.00	1.00	0.00	18.51	80.32	2.00	0.00	1.00	0.00
18.52	79.17	2.00	0.00	1.00	0.00	18.53	77.86	2.00	0.00	1.00	0.00
18.54	76.72	2.00	0.00	1.00	0.00	18.55	75.48	2.00	0.00	1.00	0.00
18.56	74.25	2.00	0.00	1.00	0.00	18.57	73.18	2.00	0.00	1.00	0.00
18.58	72.81	2.00	0.00	1.00	0.00	18.59	72.41	2.00	0.00	1.00	0.00
18.60	71.65	2.00	0.00	1.00	0.00	18.61	71.18	2.00	0.00	1.00	0.00
18.62	71.29	2.00	0.00	1.00	0.00	18.63	71.89	2.00	0.00	1.00	0.00
18.64	72.13	2.00	0.00	1.00	0.00	18.65	72.17	2.00	0.00	1.00	0.00
18.66	72.31	2.00	0.00	1.00	0.00	18.67	72.77	2.00	0.00	1.00	0.00
18.68	73.29	2.00	0.00	1.00	0.00	18.69	73.90	2.00	0.00	1.00	0.00
18.70	74.32	2.00	0.00	1.00	0.00	18.71	74.68	2.00	0.00	1.00	0.00
18.72	74.83	2.00	0.00	1.00	0.00	18.73	74.87	2.00	0.00	1.00	0.00
18.74	72.53	2.00	0.00	1.00	0.00	18.75	70.75	2.00	0.00	1.00	0.00
18.76	69.35	2.00	0.00	1.00	0.00	18.77	70.06	2.00	0.00	1.00	0.00
18.78	70.22	2.00	0.00	1.00	0.00	18.79	70.04	2.00	0.00	1.00	0.00
18.80	70.27	2.00	0.00	1.00	0.00	18.81	70.28	2.00	0.00	1.00	0.00
18.82	70.16	2.00	0.00	1.00	0.00	18.83	69.80	2.00	0.00	1.00	0.00
18.84	69.67	2.00	0.00	1.00	0.00	18.85	69.77	2.00	0.00	1.00	0.00
18.86	69.90	2.00	0.00	1.00	0.00	18.87	69.57	2.00	0.00	1.00	0.00
18.88	68.87	2.00	0.00	1.00	0.00	18.89	67.91	2.00	0.00	1.00	0.00
18.90	67.18	2.00	0.00	1.00	0.00	18.91	66.62	2.00	0.00	1.00	0.00
18.92	66.55	2.00	0.00	1.00	0.00	18.93	66.71	2.00	0.00	1.00	0.00
18.94	66.63	2.00	0.00	1.00	0.00	18.95	65.39	2.00	0.00	1.00	0.00
18.96	62.76	2.00	0.00	1.00	0.00	18.97	58.68	2.00	0.00	1.00	0.00
18.98	55.81	2.00	0.00	1.00	0.00	18.99	54.88	2.00	0.00	1.00	0.00
19.00	59.58	2.00	0.00	1.00	0.00	19.01	64.93	2.00	0.00	1.00	0.00
19.02	69.97	2.00	0.00	1.00	0.00	19.03	72.31	2.00	0.00	1.00	0.00
19.04	73.75	2.00	0.00	1.00	0.00	19.05	74.75	2.00	0.00	1.00	0.00
19.06	74.44	2.00	0.00	1.00	0.00	19.07	73.97	2.00	0.00	1.00	0.00
19.08	73.55	2.00	0.00	1.00	0.00	19.09	74.64	2.00	0.00	1.00	0.00
19.10	76.20	2.00	0.00	1.00	0.00	19.11	78.01	2.00	0.00	1.00	0.00
19.12	79.31	2.00	0.00	1.00	0.00	19.13	80.09	2.00	0.00	1.00	0.00
19.14	80.08	2.00	0.00	1.00	0.00	19.15	77.28	2.00	0.00	1.00	0.00
19.16	73.34	2.00	0.00	1.00	0.00	19.17	69.10	2.00	0.00	1.00	0.00
19.18	67.12	2.00	0.00	1.00	0.00	19.19	66.43	2.00	0.00	1.00	0.00
19.20	66.63	2.00	0.00	1.00	0.00	19.21	67.88	2.00	0.00	1.00	0.00
19.22	69.60	2.00	0.00	1.00	0.00	19.23	72.10	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	74.34	2.00	0.00	1.00	0.00	19.25	76.41	2.00	0.00	1.00	0.00
19.26	77.75	2.00	0.00	1.00	0.00	19.27	78.99	2.00	0.00	1.00	0.00
19.28	80.11	2.00	0.00	1.00	0.00	19.29	81.27	2.00	0.00	1.00	0.00
19.30	81.45	2.00	0.00	1.00	0.00	19.31	81.39	2.00	0.00	1.00	0.00
19.32	80.94	2.00	0.00	1.00	0.00	19.33	81.76	2.00	0.00	1.00	0.00
19.34	83.05	2.00	0.00	1.00	0.00	19.35	84.89	2.00	0.00	1.00	0.00
19.36	86.13	2.00	0.00	1.00	0.00	19.37	86.57	2.00	0.00	1.00	0.00
19.38	85.89	2.00	0.00	1.00	0.00	19.39	84.75	2.00	0.00	1.00	0.00
19.40	83.81	2.00	0.00	1.00	0.00	19.41	83.66	2.00	0.00	1.00	0.00
19.42	84.50	2.00	0.00	1.00	0.00	19.43	86.44	2.00	0.00	1.00	0.00
19.44	88.95	2.00	0.00	1.00	0.00	19.45	91.81	2.00	0.00	1.00	0.00
19.46	93.59	2.00	0.00	1.00	0.00	19.47	94.58	2.00	0.00	1.00	0.00
19.48	94.86	2.00	0.00	1.00	0.00	19.49	95.52	2.00	0.00	1.00	0.00
19.50	96.47	2.00	0.00	1.00	0.00	19.51	98.87	2.00	0.00	1.00	0.00
19.52	101.52	2.00	0.00	1.00	0.00	19.53	103.86	2.00	0.00	1.00	0.00
19.54	104.80	2.00	0.00	1.00	0.00	19.55	104.89	2.00	0.00	1.00	0.00
19.56	104.50	2.00	0.00	1.00	0.00	19.57	103.16	2.00	0.00	1.00	0.00
19.58	101.49	2.00	0.00	1.00	0.00	19.59	99.56	2.00	0.00	1.00	0.00
19.60	98.39	2.00	0.00	1.00	0.00	19.61	96.90	2.00	0.00	1.00	0.00
19.62	95.24	2.00	0.00	1.00	0.00	19.63	93.18	2.00	0.00	1.00	0.00
19.64	91.16	2.00	0.00	1.00	0.00	19.65	88.93	2.00	0.00	1.00	0.00
19.66	87.02	2.00	0.00	1.00	0.00	19.67	85.68	2.00	0.00	1.00	0.00
19.68	84.92	2.00	0.00	1.00	0.00	19.69	83.96	2.00	0.00	1.00	0.00
19.70	82.65	2.00	0.00	1.00	0.00	19.71	80.64	2.00	0.00	1.00	0.00
19.72	79.04	2.00	0.00	1.00	0.00	19.73	77.99	2.00	0.00	1.00	0.00
19.74	74.97	2.00	0.00	1.00	0.00	19.75	71.90	2.00	0.00	1.00	0.00
19.76	69.18	2.00	0.00	1.00	0.00	19.77	70.07	2.00	0.00	1.00	0.00
19.78	70.84	2.00	0.00	1.00	0.00	19.79	71.54	2.00	0.00	1.00	0.00
19.80	72.26	2.00	0.00	1.00	0.00	19.81	73.13	2.00	0.00	1.00	0.00
19.82	75.00	2.00	0.00	1.00	0.00	19.83	77.31	2.00	0.00	1.00	0.00
19.84	80.29	2.00	0.00	1.00	0.00	19.85	83.29	2.00	0.00	1.00	0.00
19.86	85.51	2.00	0.00	1.00	0.00	19.87	86.97	2.00	0.00	1.00	0.00
19.88	87.20	2.00	0.00	1.00	0.00	19.89	87.27	2.00	0.00	1.00	0.00
19.90	87.34	2.00	0.00	1.00	0.00	19.91	87.33	2.00	0.00	1.00	0.00
19.92	86.67	2.00	0.00	1.00	0.00	19.93	85.48	2.00	0.00	1.00	0.00
19.94	83.91	2.00	0.00	1.00	0.00	19.95	82.49	2.00	0.00	1.00	0.00
19.96	80.77	2.00	0.00	1.00	0.00	19.97	78.01	2.00	0.00	1.00	0.00
19.98	75.37	2.00	0.00	1.00	0.00	19.99	73.19	2.00	0.00	1.00	0.00
20.00	72.52	2.00	0.00	1.00	0.00	20.01	72.16	2.00	0.00	1.00	0.00
20.02	71.41	2.00	0.00	1.00	0.00	20.03	69.70	2.00	0.00	1.00	0.00
20.04	68.42	2.00	0.00	1.00	0.00	20.05	67.88	2.00	0.00	1.00	0.00
20.06	68.63	2.00	0.00	1.00	0.00	20.07	69.19	2.00	0.00	1.00	0.00
20.08	69.67	2.00	0.00	1.00	0.00	20.09	69.78	2.00	0.00	1.00	0.00
20.10	69.82	2.00	0.00	1.00	0.00	20.11	70.13	2.00	0.00	1.00	0.00
20.12	71.53	2.00	0.00	1.00	0.00	20.13	73.08	2.00	0.00	1.00	0.00
20.14	74.86	2.00	0.00	1.00	0.00	20.15	77.64	2.00	0.00	1.00	0.00
20.16	80.58	2.00	0.00	1.00	0.00	20.17	82.84	2.00	0.00	1.00	0.00
20.18	83.26	2.00	0.00	1.00	0.00	20.19	83.88	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	84.56	2.00	0.00	1.00	0.00	20.21	85.84	2.00	0.00	1.00	0.00
20.22	86.49	2.00	0.00	1.00	0.00						

**Total estimated settlement: 10.86****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**

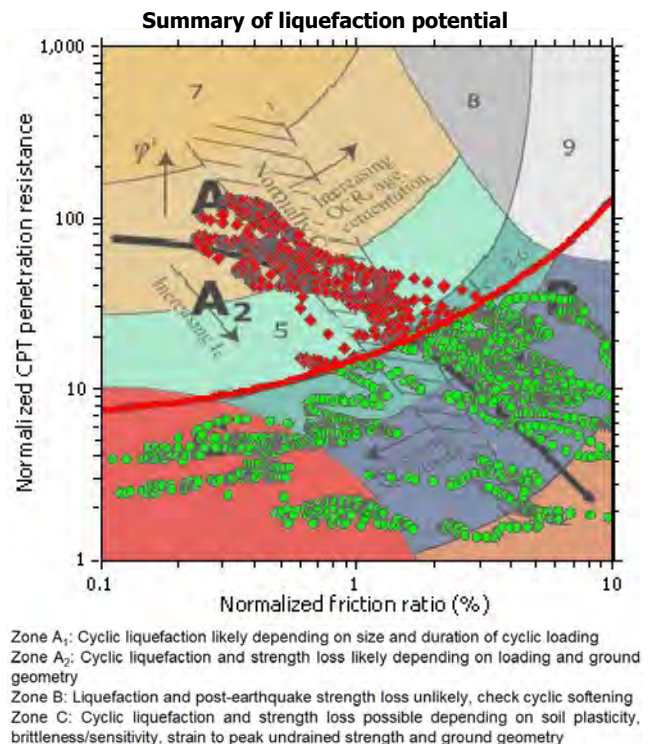
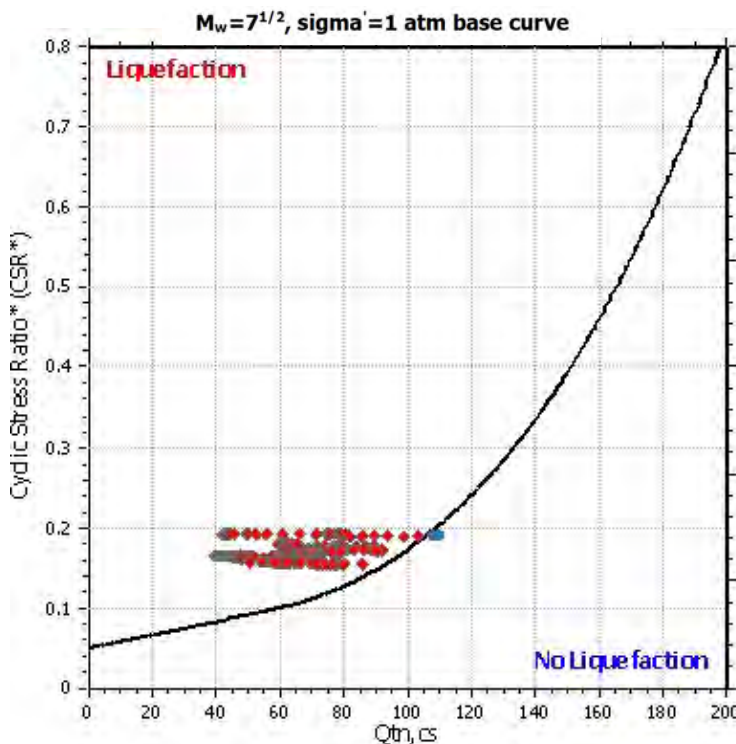
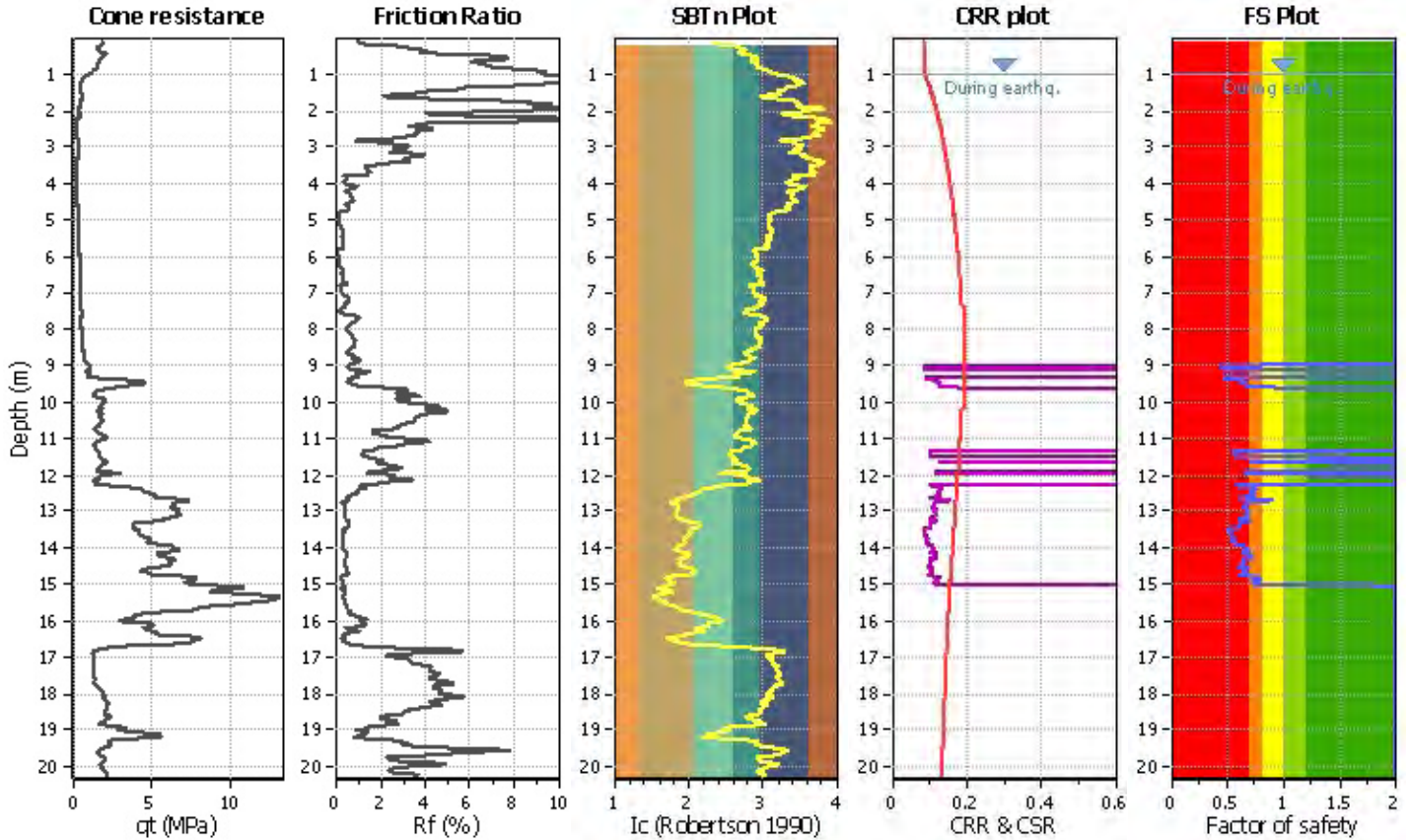
**Project title :**

**Location :**

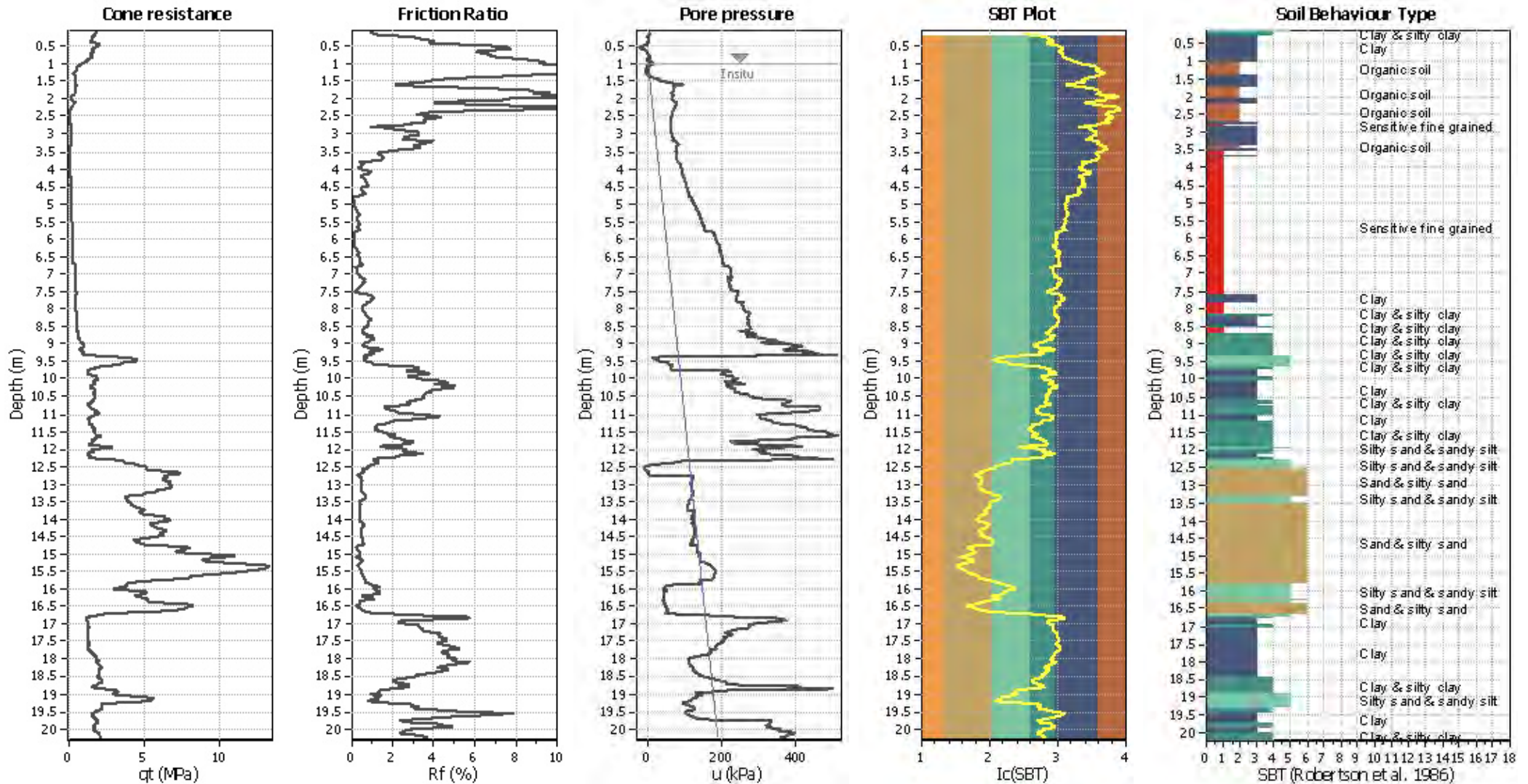
**CPT file : CPTU3 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.50	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



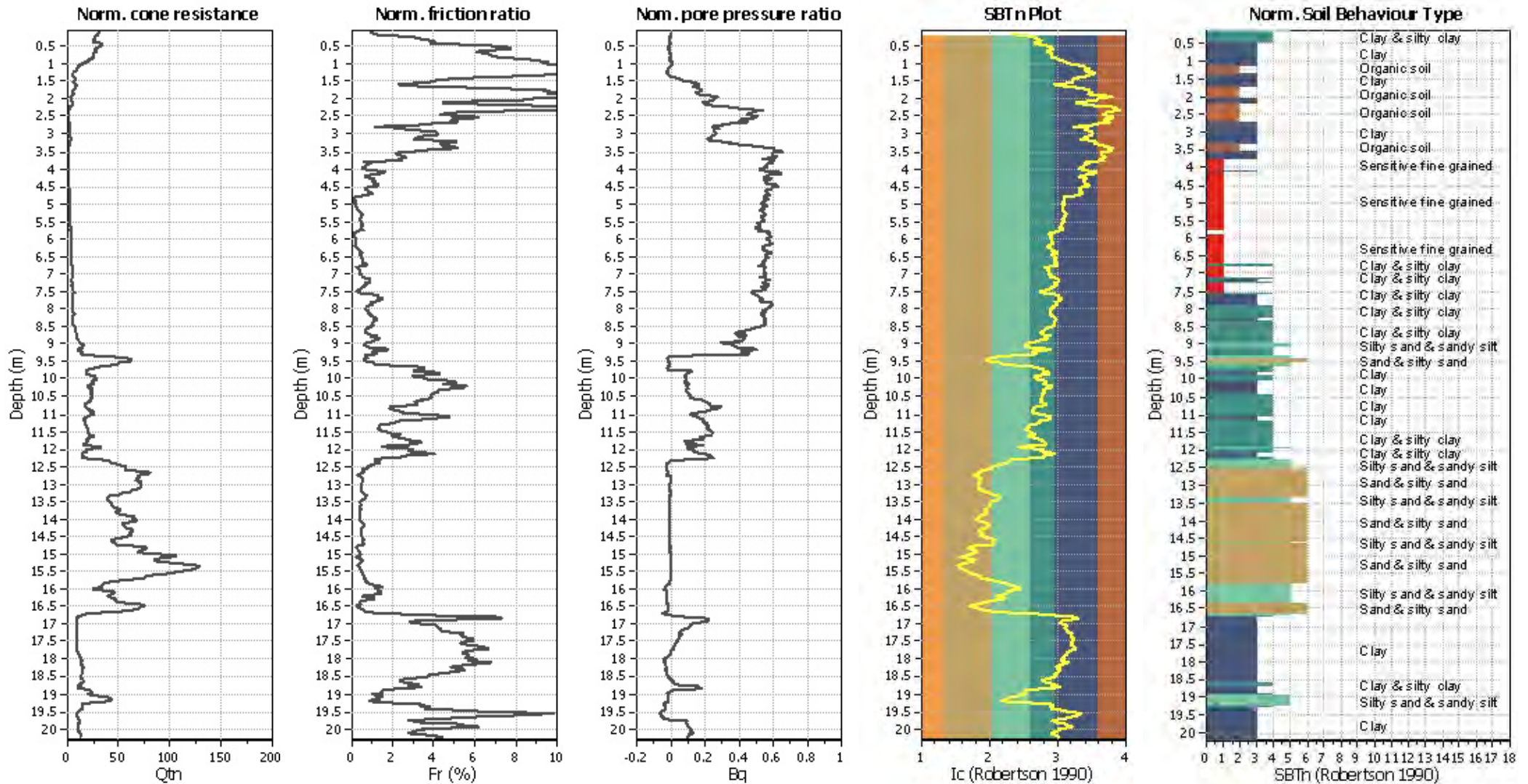
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



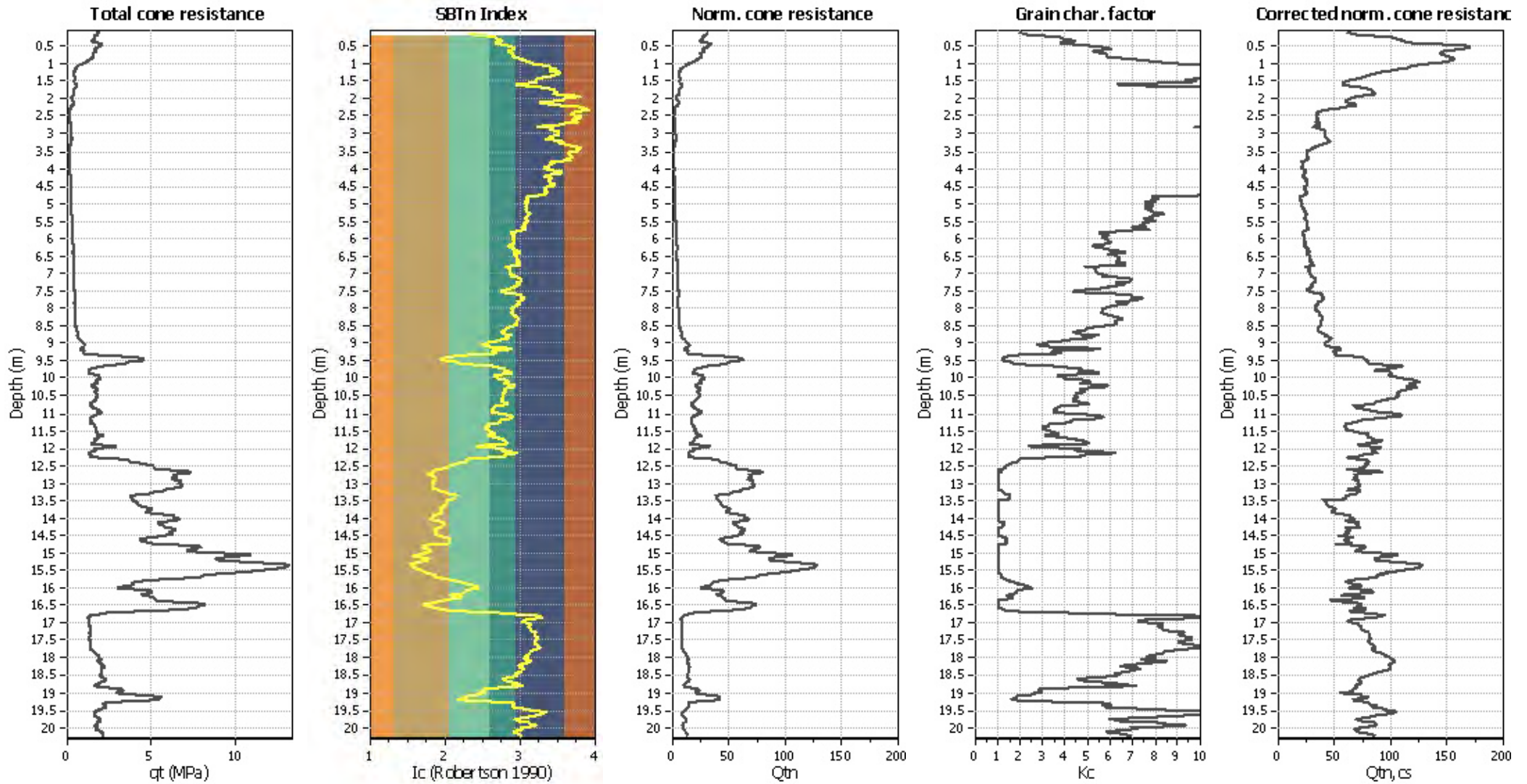
**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

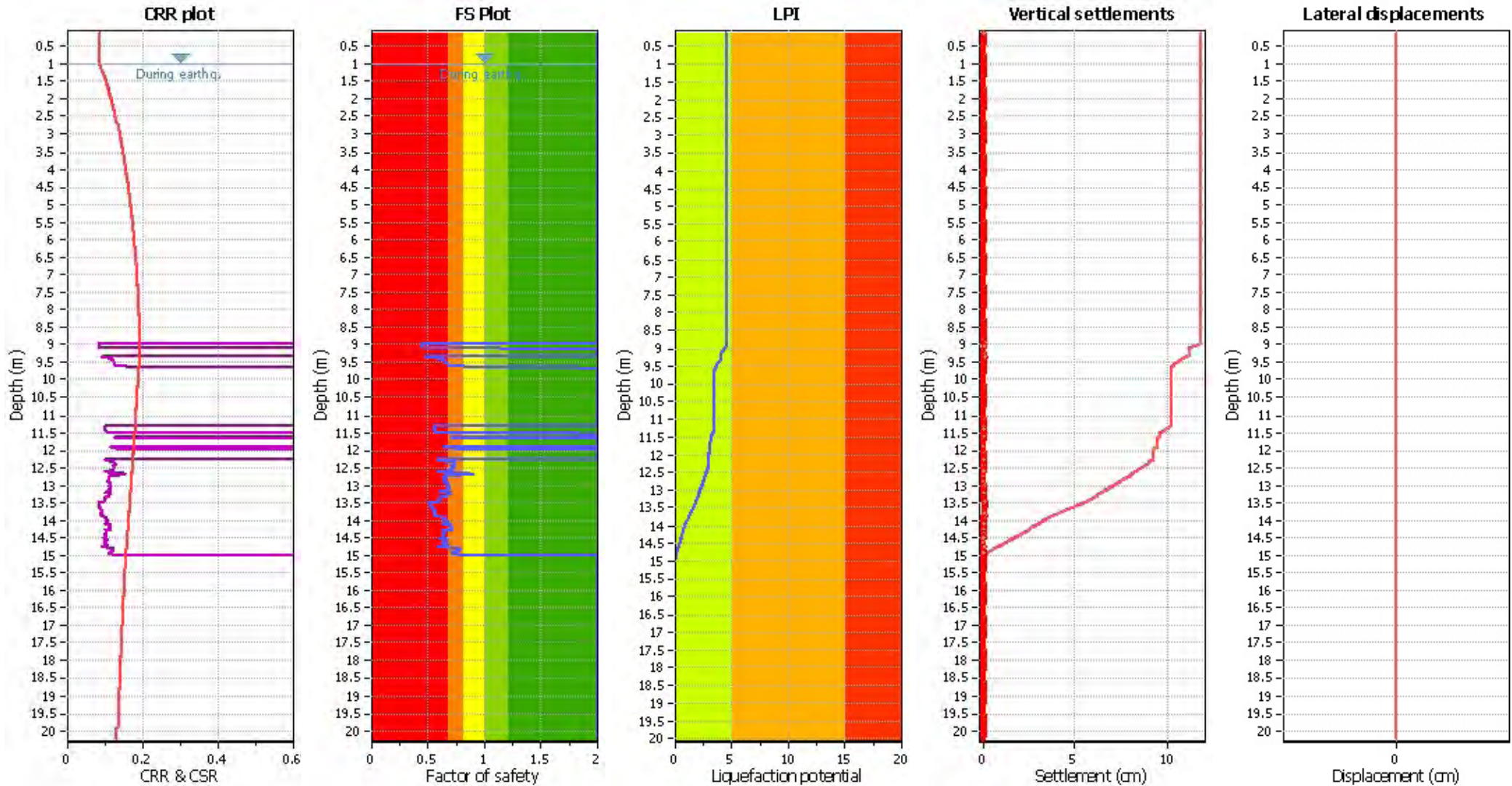
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

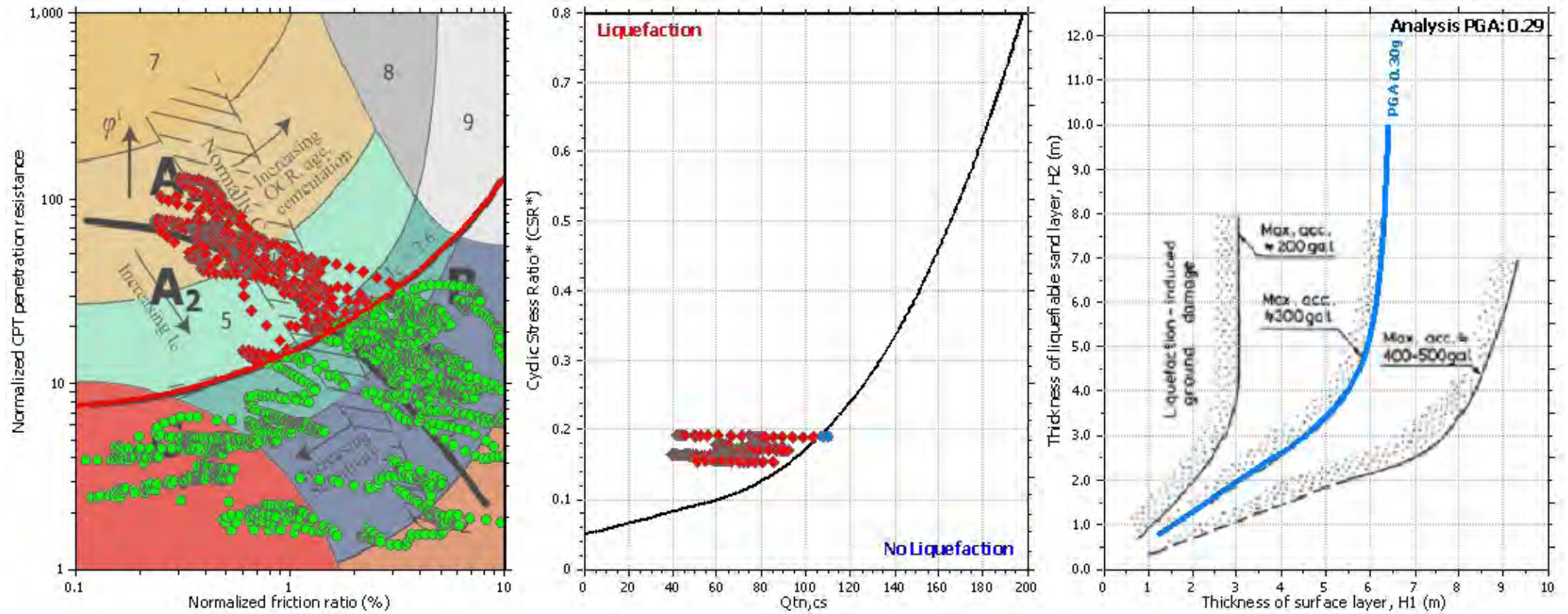
**F.S. color scheme**

- 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

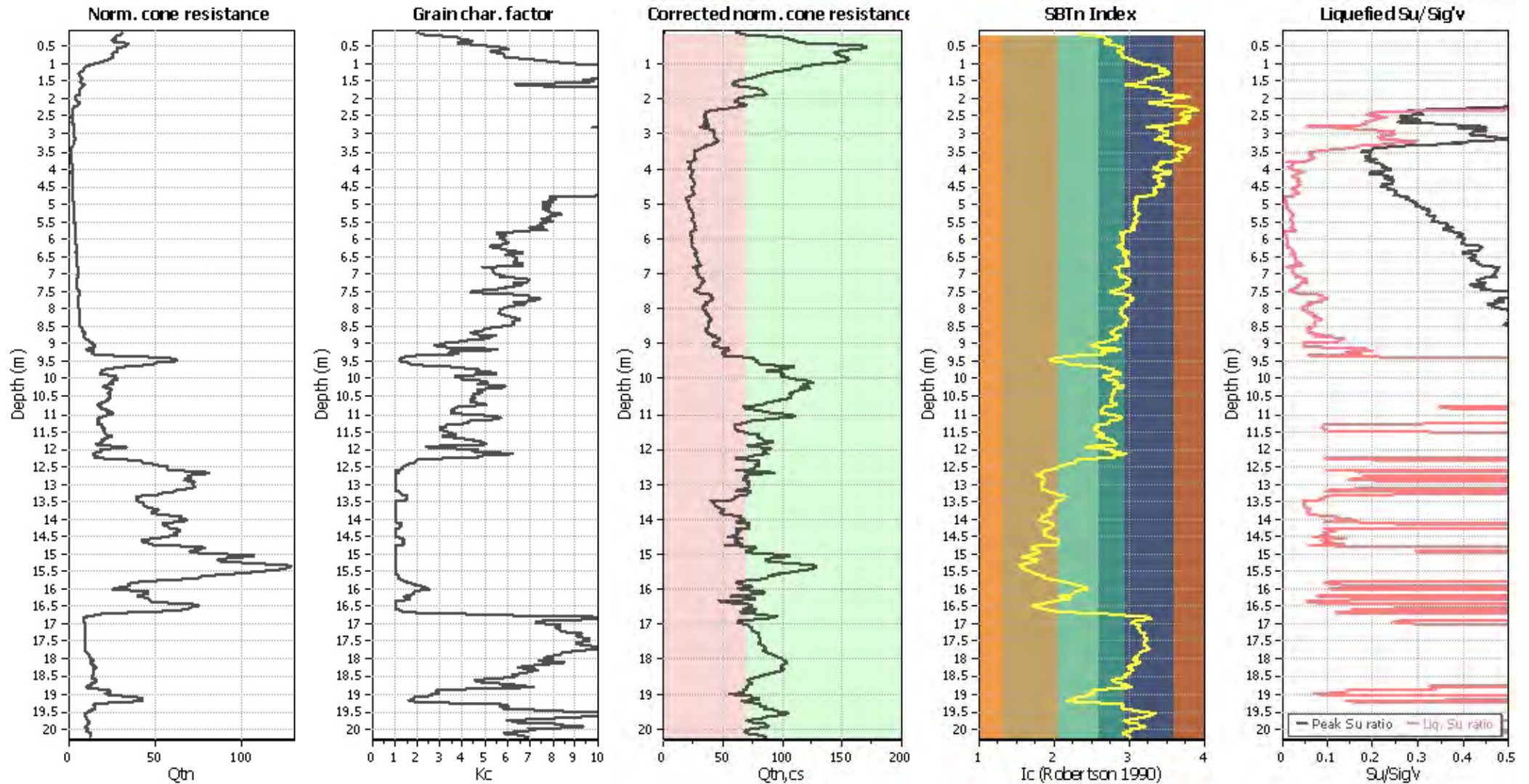
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_0$ applied:	Yes
Earthquake magnitude $M_w$ :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>o</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.12	2.00	0.00	9.94	0.01	0.00	0.13	2.00	0.00	9.94	0.01	0.00
0.14	2.00	0.00	9.93	0.01	0.00	0.15	2.00	0.00	9.93	0.01	0.00
0.16	2.00	0.00	9.92	0.01	0.00	0.17	2.00	0.00	9.91	0.01	0.00
0.18	2.00	0.00	9.91	0.01	0.00	0.19	2.00	0.00	9.90	0.01	0.00
0.20	2.00	0.00	9.90	0.01	0.00	0.21	2.00	0.00	9.89	0.01	0.00
0.22	2.00	0.00	9.89	0.01	0.00	0.23	2.00	0.00	9.88	0.01	0.00
0.24	2.00	0.00	9.88	0.01	0.00	0.25	2.00	0.00	9.88	0.01	0.00
0.26	2.00	0.00	9.87	0.01	0.00	0.27	2.00	0.00	9.87	0.01	0.00
0.28	2.00	0.00	9.86	0.01	0.00	0.29	2.00	0.00	9.86	0.01	0.00
0.30	2.00	0.00	9.85	0.01	0.00	0.31	2.00	0.00	9.85	0.01	0.00
0.32	2.00	0.00	9.84	0.01	0.00	0.33	2.00	0.00	9.84	0.01	0.00
0.34	2.00	0.00	9.83	0.01	0.00	0.35	2.00	0.00	9.82	0.01	0.00
0.36	2.00	0.00	9.82	0.01	0.00	0.37	2.00	0.00	9.81	0.01	0.00
0.38	2.00	0.00	9.81	0.01	0.00	0.39	2.00	0.00	9.80	0.01	0.00
0.40	2.00	0.00	9.80	0.01	0.00	0.41	2.00	0.00	9.79	0.01	0.00
0.42	2.00	0.00	9.79	0.01	0.00	0.43	2.00	0.00	9.79	0.01	0.00
0.44	2.00	0.00	9.78	0.01	0.00	0.45	2.00	0.00	9.78	0.01	0.00
0.46	2.00	0.00	9.77	0.01	0.00	0.47	2.00	0.00	9.77	0.01	0.00
0.48	2.00	0.00	9.76	0.01	0.00	0.49	2.00	0.00	9.76	0.01	0.00
0.50	2.00	0.00	9.75	0.01	0.00	0.51	2.00	0.00	9.74	0.01	0.00
0.52	2.00	0.00	9.74	0.01	0.00	0.53	2.00	0.00	9.73	0.01	0.00
0.54	2.00	0.00	9.73	0.01	0.00	0.55	2.00	0.00	9.72	0.01	0.00
0.56	2.00	0.00	9.72	0.01	0.00	0.57	2.00	0.00	9.71	0.01	0.00
0.58	2.00	0.00	9.71	0.01	0.00	0.59	2.00	0.00	9.71	0.01	0.00
0.60	2.00	0.00	9.70	0.01	0.00	0.61	2.00	0.00	9.70	0.01	0.00
0.62	2.00	0.00	9.69	0.01	0.00	0.63	2.00	0.00	9.69	0.01	0.00
0.64	2.00	0.00	9.68	0.01	0.00	0.65	2.00	0.00	9.68	0.01	0.00
0.66	2.00	0.00	9.67	0.01	0.00	0.67	2.00	0.00	9.66	0.01	0.00
0.68	2.00	0.00	9.66	0.01	0.00	0.69	2.00	0.00	9.65	0.01	0.00
0.70	2.00	0.00	9.65	0.01	0.00	0.71	2.00	0.00	9.64	0.01	0.00
0.72	2.00	0.00	9.64	0.01	0.00	0.73	2.00	0.00	9.63	0.01	0.00
0.74	2.00	0.00	9.63	0.01	0.00	0.75	2.00	0.00	9.63	0.01	0.00
0.76	2.00	0.00	9.62	0.01	0.00	0.77	2.00	0.00	9.62	0.01	0.00
0.78	2.00	0.00	9.61	0.01	0.00	0.79	2.00	0.00	9.61	0.01	0.00
0.80	2.00	0.00	9.60	0.01	0.00	0.81	2.00	0.00	9.60	0.01	0.00
0.82	2.00	0.00	9.59	0.01	0.00	0.83	2.00	0.00	9.59	0.01	0.00
0.84	2.00	0.00	9.58	0.01	0.00	0.85	2.00	0.00	9.57	0.01	0.00
0.86	2.00	0.00	9.57	0.01	0.00	0.87	2.00	0.00	9.56	0.01	0.00
0.88	2.00	0.00	9.56	0.01	0.00	0.89	2.00	0.00	9.55	0.01	0.00
0.90	2.00	0.00	9.55	0.01	0.00	0.91	2.00	0.00	9.54	0.01	0.00
0.92	2.00	0.00	9.54	0.01	0.00	0.93	2.00	0.00	9.54	0.01	0.00
0.94	2.00	0.00	9.53	0.01	0.00	0.95	2.00	0.00	9.53	0.01	0.00
0.96	2.00	0.00	9.52	0.01	0.00	0.97	2.00	0.00	9.52	0.01	0.00
0.98	2.00	0.00	9.51	0.01	0.00	0.99	2.00	0.00	9.51	0.01	0.00
1.00	2.00	0.00	9.50	0.01	0.00	1.01	2.00	0.00	9.49	0.01	0.00
1.02	2.00	0.00	9.49	0.01	0.00	1.03	2.00	0.00	9.48	0.01	0.00
1.04	2.00	0.00	9.48	0.01	0.00	1.05	2.00	0.00	9.47	0.01	0.00
1.06	2.00	0.00	9.47	0.01	0.00	1.07	2.00	0.00	9.46	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.08	2.00	0.00	9.46	0.01	0.00	1.09	2.00	0.00	9.46	0.01	0.00
1.10	2.00	0.00	9.45	0.01	0.00	1.11	2.00	0.00	9.45	0.01	0.00
1.12	2.00	0.00	9.44	0.01	0.00	1.13	2.00	0.00	9.44	0.01	0.00
1.14	2.00	0.00	9.43	0.01	0.00	1.15	2.00	0.00	9.43	0.01	0.00
1.16	2.00	0.00	9.42	0.01	0.00	1.17	2.00	0.00	9.41	0.01	0.00
1.18	2.00	0.00	9.41	0.01	0.00	1.19	2.00	0.00	9.40	0.01	0.00
1.20	2.00	0.00	9.40	0.01	0.00	1.21	2.00	0.00	9.39	0.01	0.00
1.22	2.00	0.00	9.39	0.01	0.00	1.23	2.00	0.00	9.38	0.01	0.00
1.24	2.00	0.00	9.38	0.01	0.00	1.25	2.00	0.00	9.38	0.01	0.00
1.26	2.00	0.00	9.37	0.01	0.00	1.27	2.00	0.00	9.37	0.01	0.00
1.28	2.00	0.00	9.36	0.01	0.00	1.29	2.00	0.00	9.36	0.01	0.00
1.30	2.00	0.00	9.35	0.01	0.00	1.31	2.00	0.00	9.35	0.01	0.00
1.32	2.00	0.00	9.34	0.01	0.00	1.33	2.00	0.00	9.34	0.01	0.00
1.34	2.00	0.00	9.33	0.01	0.00	1.35	2.00	0.00	9.32	0.01	0.00
1.36	2.00	0.00	9.32	0.01	0.00	1.37	2.00	0.00	9.31	0.01	0.00
1.38	2.00	0.00	9.31	0.01	0.00	1.39	2.00	0.00	9.30	0.01	0.00
1.40	2.00	0.00	9.30	0.01	0.00	1.41	2.00	0.00	9.29	0.01	0.00
1.42	2.00	0.00	9.29	0.01	0.00	1.43	2.00	0.00	9.29	0.01	0.00
1.44	2.00	0.00	9.28	0.01	0.00	1.45	2.00	0.00	9.28	0.01	0.00
1.46	2.00	0.00	9.27	0.01	0.00	1.47	2.00	0.00	9.27	0.01	0.00
1.48	2.00	0.00	9.26	0.01	0.00	1.49	2.00	0.00	9.26	0.01	0.00
1.50	2.00	0.00	9.25	0.01	0.00	1.51	2.00	0.00	9.24	0.01	0.00
1.52	2.00	0.00	9.24	0.01	0.00	1.53	2.00	0.00	9.23	0.01	0.00
1.54	2.00	0.00	9.23	0.01	0.00	1.55	2.00	0.00	9.22	0.01	0.00
1.56	2.00	0.00	9.22	0.01	0.00	1.57	2.00	0.00	9.21	0.01	0.00
1.58	2.00	0.00	9.21	0.01	0.00	1.59	2.00	0.00	9.21	0.01	0.00
1.60	2.00	0.00	9.20	0.01	0.00	1.61	2.00	0.00	9.20	0.01	0.00
1.62	2.00	0.00	9.19	0.01	0.00	1.63	2.00	0.00	9.19	0.01	0.00
1.64	2.00	0.00	9.18	0.01	0.00	1.65	2.00	0.00	9.18	0.01	0.00
1.66	2.00	0.00	9.17	0.01	0.00	1.67	2.00	0.00	9.16	0.01	0.00
1.68	2.00	0.00	9.16	0.01	0.00	1.69	2.00	0.00	9.15	0.01	0.00
1.70	2.00	0.00	9.15	0.01	0.00	1.71	2.00	0.00	9.14	0.01	0.00
1.72	2.00	0.00	9.14	0.01	0.00	1.73	2.00	0.00	9.13	0.01	0.00
1.74	2.00	0.00	9.13	0.01	0.00	1.75	2.00	0.00	9.13	0.01	0.00
1.76	2.00	0.00	9.12	0.01	0.00	1.77	2.00	0.00	9.12	0.01	0.00
1.78	2.00	0.00	9.11	0.01	0.00	1.79	2.00	0.00	9.11	0.01	0.00
1.80	2.00	0.00	9.10	0.01	0.00	1.81	2.00	0.00	9.10	0.01	0.00
1.82	2.00	0.00	9.09	0.01	0.00	1.83	2.00	0.00	9.09	0.01	0.00
1.84	2.00	0.00	9.08	0.01	0.00	1.85	2.00	0.00	9.07	0.01	0.00
1.86	2.00	0.00	9.07	0.01	0.00	1.87	2.00	0.00	9.06	0.01	0.00
1.88	2.00	0.00	9.06	0.01	0.00	1.89	2.00	0.00	9.05	0.01	0.00
1.90	2.00	0.00	9.05	0.01	0.00	1.91	2.00	0.00	9.04	0.01	0.00
1.92	2.00	0.00	9.04	0.01	0.00	1.93	2.00	0.00	9.04	0.01	0.00
1.94	2.00	0.00	9.03	0.01	0.00	1.95	2.00	0.00	9.03	0.01	0.00
1.96	2.00	0.00	9.02	0.01	0.00	1.97	2.00	0.00	9.02	0.01	0.00
1.98	2.00	0.00	9.01	0.01	0.00	1.99	2.00	0.00	9.01	0.01	0.00
2.00	2.00	0.00	9.00	0.01	0.00	2.01	2.00	0.00	8.99	0.01	0.00
2.02	2.00	0.00	8.99	0.01	0.00	2.03	2.00	0.00	8.98	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.04	2.00	0.00	8.98	0.01	0.00	2.05	2.00	0.00	8.97	0.01	0.00
2.06	2.00	0.00	8.97	0.01	0.00	2.07	2.00	0.00	8.96	0.01	0.00
2.08	2.00	0.00	8.96	0.01	0.00	2.09	2.00	0.00	8.96	0.01	0.00
2.10	2.00	0.00	8.95	0.01	0.00	2.11	2.00	0.00	8.95	0.01	0.00
2.12	2.00	0.00	8.94	0.01	0.00	2.13	2.00	0.00	8.94	0.01	0.00
2.14	2.00	0.00	8.93	0.01	0.00	2.15	2.00	0.00	8.93	0.01	0.00
2.16	2.00	0.00	8.92	0.01	0.00	2.17	2.00	0.00	8.91	0.01	0.00
2.18	2.00	0.00	8.91	0.01	0.00	2.19	2.00	0.00	8.90	0.01	0.00
2.20	2.00	0.00	8.90	0.01	0.00	2.21	2.00	0.00	8.89	0.01	0.00
2.22	2.00	0.00	8.89	0.01	0.00	2.23	2.00	0.00	8.88	0.01	0.00
2.24	2.00	0.00	8.88	0.01	0.00	2.25	2.00	0.00	8.88	0.01	0.00
2.26	2.00	0.00	8.87	0.01	0.00	2.27	2.00	0.00	8.87	0.01	0.00
2.28	2.00	0.00	8.86	0.01	0.00	2.29	2.00	0.00	8.86	0.01	0.00
2.30	2.00	0.00	8.85	0.01	0.00	2.31	2.00	0.00	8.85	0.01	0.00
2.32	2.00	0.00	8.84	0.01	0.00	2.33	2.00	0.00	8.84	0.01	0.00
2.34	2.00	0.00	8.83	0.01	0.00	2.35	2.00	0.00	8.82	0.01	0.00
2.36	2.00	0.00	8.82	0.01	0.00	2.37	2.00	0.00	8.81	0.01	0.00
2.38	2.00	0.00	8.81	0.01	0.00	2.39	2.00	0.00	8.80	0.01	0.00
2.40	2.00	0.00	8.80	0.01	0.00	2.41	2.00	0.00	8.79	0.01	0.00
2.42	2.00	0.00	8.79	0.01	0.00	2.43	2.00	0.00	8.79	0.01	0.00
2.44	2.00	0.00	8.78	0.01	0.00	2.45	2.00	0.00	8.78	0.01	0.00
2.46	2.00	0.00	8.77	0.01	0.00	2.47	2.00	0.00	8.77	0.01	0.00
2.48	2.00	0.00	8.76	0.01	0.00	2.49	2.00	0.00	8.76	0.01	0.00
2.50	2.00	0.00	8.75	0.01	0.00	2.51	2.00	0.00	8.74	0.01	0.00
2.52	2.00	0.00	8.74	0.01	0.00	2.53	2.00	0.00	8.73	0.01	0.00
2.54	2.00	0.00	8.73	0.01	0.00	2.55	2.00	0.00	8.72	0.01	0.00
2.56	2.00	0.00	8.72	0.01	0.00	2.57	2.00	0.00	8.71	0.01	0.00
2.58	2.00	0.00	8.71	0.01	0.00	2.59	2.00	0.00	8.71	0.01	0.00
2.60	2.00	0.00	8.70	0.01	0.00	2.61	2.00	0.00	8.70	0.01	0.00
2.62	2.00	0.00	8.69	0.01	0.00	2.63	2.00	0.00	8.69	0.01	0.00
2.64	2.00	0.00	8.68	0.01	0.00	2.65	2.00	0.00	8.68	0.01	0.00
2.66	2.00	0.00	8.67	0.01	0.00	2.67	2.00	0.00	8.66	0.01	0.00
2.68	2.00	0.00	8.66	0.01	0.00	2.69	2.00	0.00	8.65	0.01	0.00
2.70	2.00	0.00	8.65	0.01	0.00	2.71	2.00	0.00	8.64	0.01	0.00
2.72	2.00	0.00	8.64	0.01	0.00	2.73	2.00	0.00	8.63	0.01	0.00
2.74	2.00	0.00	8.63	0.01	0.00	2.75	2.00	0.00	8.63	0.01	0.00
2.76	2.00	0.00	8.62	0.01	0.00	2.77	2.00	0.00	8.62	0.01	0.00
2.78	2.00	0.00	8.61	0.01	0.00	2.79	2.00	0.00	8.61	0.01	0.00
2.80	2.00	0.00	8.60	0.01	0.00	2.81	2.00	0.00	8.60	0.01	0.00
2.82	2.00	0.00	8.59	0.01	0.00	2.83	2.00	0.00	8.59	0.01	0.00
2.84	2.00	0.00	8.58	0.01	0.00	2.85	2.00	0.00	8.57	0.01	0.00
2.86	2.00	0.00	8.57	0.01	0.00	2.87	2.00	0.00	8.56	0.01	0.00
2.88	2.00	0.00	8.56	0.01	0.00	2.89	2.00	0.00	8.55	0.01	0.00
2.90	2.00	0.00	8.55	0.01	0.00	2.91	2.00	0.00	8.54	0.01	0.00
2.92	2.00	0.00	8.54	0.01	0.00	2.93	2.00	0.00	8.54	0.01	0.00
2.94	2.00	0.00	8.53	0.01	0.00	2.95	2.00	0.00	8.53	0.01	0.00
2.96	2.00	0.00	8.52	0.01	0.00	2.97	2.00	0.00	8.52	0.01	0.00
2.98	2.00	0.00	8.51	0.01	0.00	2.99	2.00	0.00	8.51	0.01	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
3.00	2.00	0.00	8.50	0.01	0.00	3.01	2.00	0.00	8.49	0.01	0.00
3.02	2.00	0.00	8.49	0.01	0.00	3.03	2.00	0.00	8.48	0.01	0.00
3.04	2.00	0.00	8.48	0.01	0.00	3.05	2.00	0.00	8.47	0.01	0.00
3.06	2.00	0.00	8.47	0.01	0.00	3.07	2.00	0.00	8.46	0.01	0.00
3.08	2.00	0.00	8.46	0.01	0.00	3.09	2.00	0.00	8.46	0.01	0.00
3.10	2.00	0.00	8.45	0.01	0.00	3.11	2.00	0.00	8.45	0.01	0.00
3.12	2.00	0.00	8.44	0.01	0.00	3.13	2.00	0.00	8.44	0.01	0.00
3.14	2.00	0.00	8.43	0.01	0.00	3.15	2.00	0.00	8.43	0.01	0.00
3.16	2.00	0.00	8.42	0.01	0.00	3.17	2.00	0.00	8.41	0.01	0.00
3.18	2.00	0.00	8.41	0.01	0.00	3.19	2.00	0.00	8.40	0.01	0.00
3.20	2.00	0.00	8.40	0.01	0.00	3.21	2.00	0.00	8.39	0.01	0.00
3.22	2.00	0.00	8.39	0.01	0.00	3.23	2.00	0.00	8.38	0.01	0.00
3.24	2.00	0.00	8.38	0.01	0.00	3.25	2.00	0.00	8.38	0.01	0.00
3.26	2.00	0.00	8.37	0.01	0.00	3.27	2.00	0.00	8.37	0.01	0.00
3.28	2.00	0.00	8.36	0.01	0.00	3.29	2.00	0.00	8.36	0.01	0.00
3.30	2.00	0.00	8.35	0.01	0.00	3.31	2.00	0.00	8.35	0.01	0.00
3.32	2.00	0.00	8.34	0.01	0.00	3.33	2.00	0.00	8.34	0.01	0.00
3.34	2.00	0.00	8.33	0.01	0.00	3.35	2.00	0.00	8.32	0.01	0.00
3.36	2.00	0.00	8.32	0.01	0.00	3.37	2.00	0.00	8.31	0.01	0.00
3.38	2.00	0.00	8.31	0.01	0.00	3.39	2.00	0.00	8.30	0.01	0.00
3.40	2.00	0.00	8.30	0.01	0.00	3.41	2.00	0.00	8.29	0.01	0.00
3.42	2.00	0.00	8.29	0.01	0.00	3.43	2.00	0.00	8.29	0.01	0.00
3.44	2.00	0.00	8.28	0.01	0.00	3.45	2.00	0.00	8.28	0.01	0.00
3.46	2.00	0.00	8.27	0.01	0.00	3.47	2.00	0.00	8.27	0.01	0.00
3.48	2.00	0.00	8.26	0.01	0.00	3.49	2.00	0.00	8.26	0.01	0.00
3.50	2.00	0.00	8.25	0.01	0.00	3.51	2.00	0.00	8.24	0.01	0.00
3.52	2.00	0.00	8.24	0.01	0.00	3.53	2.00	0.00	8.23	0.01	0.00
3.54	2.00	0.00	8.23	0.01	0.00	3.55	2.00	0.00	8.22	0.01	0.00
3.56	2.00	0.00	8.22	0.01	0.00	3.57	2.00	0.00	8.21	0.01	0.00
3.58	2.00	0.00	8.21	0.01	0.00	3.59	2.00	0.00	8.21	0.01	0.00
3.60	2.00	0.00	8.20	0.01	0.00	3.61	2.00	0.00	8.20	0.01	0.00
3.62	2.00	0.00	8.19	0.01	0.00	3.63	2.00	0.00	8.19	0.01	0.00
3.64	2.00	0.00	8.18	0.01	0.00	3.65	2.00	0.00	8.18	0.01	0.00
3.66	2.00	0.00	8.17	0.01	0.00	3.67	2.00	0.00	8.16	0.01	0.00
3.68	2.00	0.00	8.16	0.01	0.00	3.69	2.00	0.00	8.15	0.01	0.00
3.70	2.00	0.00	8.15	0.01	0.00	3.71	2.00	0.00	8.14	0.01	0.00
3.72	2.00	0.00	8.14	0.01	0.00	3.73	2.00	0.00	8.13	0.01	0.00
3.74	2.00	0.00	8.13	0.01	0.00	3.75	2.00	0.00	8.13	0.01	0.00
3.76	2.00	0.00	8.12	0.01	0.00	3.77	2.00	0.00	8.12	0.01	0.00
3.78	2.00	0.00	8.11	0.01	0.00	3.79	2.00	0.00	8.11	0.01	0.00
3.80	2.00	0.00	8.10	0.01	0.00	3.81	2.00	0.00	8.10	0.01	0.00
3.82	2.00	0.00	8.09	0.01	0.00	3.83	2.00	0.00	8.09	0.01	0.00
3.84	2.00	0.00	8.08	0.01	0.00	3.85	2.00	0.00	8.07	0.01	0.00
3.86	2.00	0.00	8.07	0.01	0.00	3.87	2.00	0.00	8.06	0.01	0.00
3.88	2.00	0.00	8.06	0.01	0.00	3.89	2.00	0.00	8.05	0.01	0.00
3.90	2.00	0.00	8.05	0.01	0.00	3.91	2.00	0.00	8.04	0.01	0.00
3.92	2.00	0.00	8.04	0.01	0.00	3.93	2.00	0.00	8.04	0.01	0.00
3.94	2.00	0.00	8.03	0.01	0.00	3.95	2.00	0.00	8.03	0.01	0.00

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

Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.96	2.00	0.00	8.02	0.01	0.00	3.97	2.00	0.00	8.02	0.01	0.00
3.98	2.00	0.00	8.01	0.01	0.00	3.99	2.00	0.00	8.01	0.01	0.00
4.00	2.00	0.00	8.00	0.01	0.00	4.01	2.00	0.00	8.00	0.01	0.00
4.02	2.00	0.00	7.99	0.01	0.00	4.03	2.00	0.00	7.99	0.01	0.00
4.04	2.00	0.00	7.98	0.01	0.00	4.05	2.00	0.00	7.97	0.01	0.00
4.06	2.00	0.00	7.97	0.01	0.00	4.07	2.00	0.00	7.96	0.01	0.00
4.08	2.00	0.00	7.96	0.01	0.00	4.09	2.00	0.00	7.96	0.01	0.00
4.10	2.00	0.00	7.95	0.01	0.00	4.11	2.00	0.00	7.95	0.01	0.00
4.12	2.00	0.00	7.94	0.01	0.00	4.13	2.00	0.00	7.93	0.01	0.00
4.14	2.00	0.00	7.93	0.01	0.00	4.15	2.00	0.00	7.92	0.01	0.00
4.16	2.00	0.00	7.92	0.01	0.00	4.17	2.00	0.00	7.92	0.01	0.00
4.18	2.00	0.00	7.91	0.01	0.00	4.19	2.00	0.00	7.91	0.01	0.00
4.20	2.00	0.00	7.90	0.01	0.00	4.21	2.00	0.00	7.89	0.01	0.00
4.22	2.00	0.00	7.89	0.01	0.00	4.23	2.00	0.00	7.88	0.01	0.00
4.24	2.00	0.00	7.88	0.01	0.00	4.25	2.00	0.00	7.88	0.01	0.00
4.26	2.00	0.00	7.87	0.01	0.00	4.27	2.00	0.00	7.87	0.01	0.00
4.28	2.00	0.00	7.86	0.01	0.00	4.29	2.00	0.00	7.86	0.01	0.00
4.30	2.00	0.00	7.85	0.01	0.00	4.31	2.00	0.00	7.84	0.01	0.00
4.32	2.00	0.00	7.84	0.01	0.00	4.33	2.00	0.00	7.83	0.01	0.00
4.34	2.00	0.00	7.83	0.01	0.00	4.35	2.00	0.00	7.83	0.01	0.00
4.36	2.00	0.00	7.82	0.01	0.00	4.37	2.00	0.00	7.82	0.01	0.00
4.38	2.00	0.00	7.81	0.01	0.00	4.39	2.00	0.00	7.80	0.01	0.00
4.40	2.00	0.00	7.80	0.01	0.00	4.41	2.00	0.00	7.79	0.01	0.00
4.42	2.00	0.00	7.79	0.01	0.00	4.43	2.00	0.00	7.79	0.01	0.00
4.44	2.00	0.00	7.78	0.01	0.00	4.45	2.00	0.00	7.78	0.01	0.00
4.46	2.00	0.00	7.77	0.01	0.00	4.47	2.00	0.00	7.76	0.01	0.00
4.48	2.00	0.00	7.76	0.01	0.00	4.49	2.00	0.00	7.75	0.01	0.00
4.50	2.00	0.00	7.75	0.01	0.00	4.51	2.00	0.00	7.75	0.01	0.00
4.52	2.00	0.00	7.74	0.01	0.00	4.53	2.00	0.00	7.74	0.01	0.00
4.54	2.00	0.00	7.73	0.01	0.00	4.55	2.00	0.00	7.72	0.01	0.00
4.56	2.00	0.00	7.72	0.01	0.00	4.57	2.00	0.00	7.71	0.01	0.00
4.58	2.00	0.00	7.71	0.01	0.00	4.59	2.00	0.00	7.71	0.01	0.00
4.60	2.00	0.00	7.70	0.01	0.00	4.61	2.00	0.00	7.70	0.01	0.00
4.62	2.00	0.00	7.69	0.01	0.00	4.63	2.00	0.00	7.68	0.01	0.00
4.64	2.00	0.00	7.68	0.01	0.00	4.65	2.00	0.00	7.67	0.01	0.00
4.66	2.00	0.00	7.67	0.01	0.00	4.67	2.00	0.00	7.67	0.01	0.00
4.68	2.00	0.00	7.66	0.01	0.00	4.69	2.00	0.00	7.66	0.01	0.00
4.70	2.00	0.00	7.65	0.01	0.00	4.71	2.00	0.00	7.64	0.01	0.00
4.72	2.00	0.00	7.64	0.01	0.00	4.73	2.00	0.00	7.63	0.01	0.00
4.74	2.00	0.00	7.63	0.01	0.00	4.75	2.00	0.00	7.63	0.01	0.00
4.76	2.00	0.00	7.62	0.01	0.00	4.77	2.00	0.00	7.62	0.01	0.00
4.78	2.00	0.00	7.61	0.01	0.00	4.79	2.00	0.00	7.61	0.01	0.00
4.80	2.00	0.00	7.60	0.01	0.00	4.81	2.00	0.00	7.59	0.01	0.00
4.82	2.00	0.00	7.59	0.01	0.00	4.83	2.00	0.00	7.58	0.01	0.00
4.84	2.00	0.00	7.58	0.01	0.00	4.85	2.00	0.00	7.58	0.01	0.00
4.86	2.00	0.00	7.57	0.01	0.00	4.87	2.00	0.00	7.57	0.01	0.00
4.88	2.00	0.00	7.56	0.01	0.00	4.89	2.00	0.00	7.55	0.01	0.00
4.90	2.00	0.00	7.55	0.01	0.00	4.91	2.00	0.00	7.54	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.92	2.00	0.00	7.54	0.01	0.00	4.93	2.00	0.00	7.54	0.01	0.00
4.94	2.00	0.00	7.53	0.01	0.00	4.95	2.00	0.00	7.53	0.01	0.00
4.96	2.00	0.00	7.52	0.01	0.00	4.97	2.00	0.00	7.51	0.01	0.00
4.98	2.00	0.00	7.51	0.01	0.00	4.99	2.00	0.00	7.50	0.01	0.00
5.00	2.00	0.00	7.50	0.01	0.00	5.01	2.00	0.00	7.50	0.01	0.00
5.02	2.00	0.00	7.49	0.01	0.00	5.03	2.00	0.00	7.49	0.01	0.00
5.04	2.00	0.00	7.48	0.01	0.00	5.05	2.00	0.00	7.47	0.01	0.00
5.06	2.00	0.00	7.47	0.01	0.00	5.07	2.00	0.00	7.46	0.01	0.00
5.08	2.00	0.00	7.46	0.01	0.00	5.09	2.00	0.00	7.46	0.01	0.00
5.10	2.00	0.00	7.45	0.01	0.00	5.11	2.00	0.00	7.45	0.01	0.00
5.12	2.00	0.00	7.44	0.01	0.00	5.13	2.00	0.00	7.43	0.01	0.00
5.14	2.00	0.00	7.43	0.01	0.00	5.15	2.00	0.00	7.42	0.01	0.00
5.16	2.00	0.00	7.42	0.01	0.00	5.17	2.00	0.00	7.42	0.01	0.00
5.18	2.00	0.00	7.41	0.01	0.00	5.19	2.00	0.00	7.41	0.01	0.00
5.20	2.00	0.00	7.40	0.01	0.00	5.21	2.00	0.00	7.39	0.01	0.00
5.22	2.00	0.00	7.39	0.01	0.00	5.23	2.00	0.00	7.38	0.01	0.00
5.24	2.00	0.00	7.38	0.01	0.00	5.25	2.00	0.00	7.38	0.01	0.00
5.26	2.00	0.00	7.37	0.01	0.00	5.27	2.00	0.00	7.37	0.01	0.00
5.28	2.00	0.00	7.36	0.01	0.00	5.29	2.00	0.00	7.36	0.01	0.00
5.30	2.00	0.00	7.35	0.01	0.00	5.31	2.00	0.00	7.34	0.01	0.00
5.32	2.00	0.00	7.34	0.01	0.00	5.33	2.00	0.00	7.33	0.01	0.00
5.34	2.00	0.00	7.33	0.01	0.00	5.35	2.00	0.00	7.33	0.01	0.00
5.36	2.00	0.00	7.32	0.01	0.00	5.37	2.00	0.00	7.32	0.01	0.00
5.38	2.00	0.00	7.31	0.01	0.00	5.39	2.00	0.00	7.30	0.01	0.00
5.40	2.00	0.00	7.30	0.01	0.00	5.41	2.00	0.00	7.29	0.01	0.00
5.42	2.00	0.00	7.29	0.01	0.00	5.43	2.00	0.00	7.29	0.01	0.00
5.44	2.00	0.00	7.28	0.01	0.00	5.45	2.00	0.00	7.28	0.01	0.00
5.46	2.00	0.00	7.27	0.01	0.00	5.47	2.00	0.00	7.26	0.01	0.00
5.48	2.00	0.00	7.26	0.01	0.00	5.49	2.00	0.00	7.25	0.01	0.00
5.50	2.00	0.00	7.25	0.01	0.00	5.51	2.00	0.00	7.25	0.01	0.00
5.52	2.00	0.00	7.24	0.01	0.00	5.53	2.00	0.00	7.24	0.01	0.00
5.54	2.00	0.00	7.23	0.01	0.00	5.55	2.00	0.00	7.22	0.01	0.00
5.56	2.00	0.00	7.22	0.01	0.00	5.57	2.00	0.00	7.21	0.01	0.00
5.58	2.00	0.00	7.21	0.01	0.00	5.59	2.00	0.00	7.21	0.01	0.00
5.60	2.00	0.00	7.20	0.01	0.00	5.61	2.00	0.00	7.20	0.01	0.00
5.62	2.00	0.00	7.19	0.01	0.00	5.63	2.00	0.00	7.18	0.01	0.00
5.64	2.00	0.00	7.18	0.01	0.00	5.65	2.00	0.00	7.17	0.01	0.00
5.66	2.00	0.00	7.17	0.01	0.00	5.67	2.00	0.00	7.17	0.01	0.00
5.68	2.00	0.00	7.16	0.01	0.00	5.69	2.00	0.00	7.16	0.01	0.00
5.70	2.00	0.00	7.15	0.01	0.00	5.71	2.00	0.00	7.14	0.01	0.00
5.72	2.00	0.00	7.14	0.01	0.00	5.73	2.00	0.00	7.13	0.01	0.00
5.74	2.00	0.00	7.13	0.01	0.00	5.75	2.00	0.00	7.13	0.01	0.00
5.76	2.00	0.00	7.12	0.01	0.00	5.77	2.00	0.00	7.12	0.01	0.00
5.78	2.00	0.00	7.11	0.01	0.00	5.79	2.00	0.00	7.11	0.01	0.00
5.80	2.00	0.00	7.10	0.01	0.00	5.81	2.00	0.00	7.09	0.01	0.00
5.82	2.00	0.00	7.09	0.01	0.00	5.83	2.00	0.00	7.08	0.01	0.00
5.84	2.00	0.00	7.08	0.01	0.00	5.85	2.00	0.00	7.08	0.01	0.00
5.86	2.00	0.00	7.07	0.01	0.00	5.87	2.00	0.00	7.07	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.88	2.00	0.00	7.06	0.01	0.00	5.89	2.00	0.00	7.05	0.01	0.00
5.90	2.00	0.00	7.05	0.01	0.00	5.91	2.00	0.00	7.04	0.01	0.00
5.92	2.00	0.00	7.04	0.01	0.00	5.93	2.00	0.00	7.04	0.01	0.00
5.94	2.00	0.00	7.03	0.01	0.00	5.95	2.00	0.00	7.03	0.01	0.00
5.96	2.00	0.00	7.02	0.01	0.00	5.97	2.00	0.00	7.01	0.01	0.00
5.98	2.00	0.00	7.01	0.01	0.00	5.99	2.00	0.00	7.00	0.01	0.00
6.00	2.00	0.00	7.00	0.01	0.00	6.01	2.00	0.00	7.00	0.01	0.00
6.02	2.00	0.00	6.99	0.01	0.00	6.03	2.00	0.00	6.99	0.01	0.00
6.04	2.00	0.00	6.98	0.01	0.00	6.05	2.00	0.00	6.97	0.01	0.00
6.06	2.00	0.00	6.97	0.01	0.00	6.07	2.00	0.00	6.96	0.01	0.00
6.08	2.00	0.00	6.96	0.01	0.00	6.09	2.00	0.00	6.96	0.01	0.00
6.10	2.00	0.00	6.95	0.01	0.00	6.11	2.00	0.00	6.95	0.01	0.00
6.12	2.00	0.00	6.94	0.01	0.00	6.13	2.00	0.00	6.93	0.01	0.00
6.14	2.00	0.00	6.93	0.01	0.00	6.15	2.00	0.00	6.92	0.01	0.00
6.16	2.00	0.00	6.92	0.01	0.00	6.17	2.00	0.00	6.92	0.01	0.00
6.18	2.00	0.00	6.91	0.01	0.00	6.19	2.00	0.00	6.91	0.01	0.00
6.20	2.00	0.00	6.90	0.01	0.00	6.21	2.00	0.00	6.89	0.01	0.00
6.22	2.00	0.00	6.89	0.01	0.00	6.23	2.00	0.00	6.88	0.01	0.00
6.24	2.00	0.00	6.88	0.01	0.00	6.25	2.00	0.00	6.88	0.01	0.00
6.26	2.00	0.00	6.87	0.01	0.00	6.27	2.00	0.00	6.87	0.01	0.00
6.28	2.00	0.00	6.86	0.01	0.00	6.29	2.00	0.00	6.86	0.01	0.00
6.30	2.00	0.00	6.85	0.01	0.00	6.31	2.00	0.00	6.84	0.01	0.00
6.32	2.00	0.00	6.84	0.01	0.00	6.33	2.00	0.00	6.83	0.01	0.00
6.34	2.00	0.00	6.83	0.01	0.00	6.35	2.00	0.00	6.83	0.01	0.00
6.36	2.00	0.00	6.82	0.01	0.00	6.37	2.00	0.00	6.82	0.01	0.00
6.38	2.00	0.00	6.81	0.01	0.00	6.39	2.00	0.00	6.80	0.01	0.00
6.40	2.00	0.00	6.80	0.01	0.00	6.41	2.00	0.00	6.79	0.01	0.00
6.42	2.00	0.00	6.79	0.01	0.00	6.43	2.00	0.00	6.79	0.01	0.00
6.44	2.00	0.00	6.78	0.01	0.00	6.45	2.00	0.00	6.78	0.01	0.00
6.46	2.00	0.00	6.77	0.01	0.00	6.47	2.00	0.00	6.76	0.01	0.00
6.48	2.00	0.00	6.76	0.01	0.00	6.49	2.00	0.00	6.75	0.01	0.00
6.50	2.00	0.00	6.75	0.01	0.00	6.51	2.00	0.00	6.75	0.01	0.00
6.52	2.00	0.00	6.74	0.01	0.00	6.53	2.00	0.00	6.74	0.01	0.00
6.54	2.00	0.00	6.73	0.01	0.00	6.55	2.00	0.00	6.72	0.01	0.00
6.56	2.00	0.00	6.72	0.01	0.00	6.57	2.00	0.00	6.71	0.01	0.00
6.58	2.00	0.00	6.71	0.01	0.00	6.59	2.00	0.00	6.71	0.01	0.00
6.60	2.00	0.00	6.70	0.01	0.00	6.61	2.00	0.00	6.70	0.01	0.00
6.62	2.00	0.00	6.69	0.01	0.00	6.63	2.00	0.00	6.68	0.01	0.00
6.64	2.00	0.00	6.68	0.01	0.00	6.65	2.00	0.00	6.67	0.01	0.00
6.66	2.00	0.00	6.67	0.01	0.00	6.67	2.00	0.00	6.67	0.01	0.00
6.68	2.00	0.00	6.66	0.01	0.00	6.69	2.00	0.00	6.66	0.01	0.00
6.70	2.00	0.00	6.65	0.01	0.00	6.71	2.00	0.00	6.64	0.01	0.00
6.72	2.00	0.00	6.64	0.01	0.00	6.73	2.00	0.00	6.63	0.01	0.00
6.74	2.00	0.00	6.63	0.01	0.00	6.75	2.00	0.00	6.63	0.01	0.00
6.76	2.00	0.00	6.62	0.01	0.00	6.77	2.00	0.00	6.62	0.01	0.00
6.78	2.00	0.00	6.61	0.01	0.00	6.79	2.00	0.00	6.61	0.01	0.00
6.80	2.00	0.00	6.60	0.01	0.00	6.81	2.00	0.00	6.59	0.01	0.00
6.82	2.00	0.00	6.59	0.01	0.00	6.83	2.00	0.00	6.58	0.01	0.00

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI	Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI
6.84	2.00	0.00	6.58	0.01	0.00	6.85	2.00	0.00	6.58	0.01	0.00
6.86	2.00	0.00	6.57	0.01	0.00	6.87	2.00	0.00	6.57	0.01	0.00
6.88	2.00	0.00	6.56	0.01	0.00	6.89	2.00	0.00	6.55	0.01	0.00
6.90	2.00	0.00	6.55	0.01	0.00	6.91	2.00	0.00	6.54	0.01	0.00
6.92	2.00	0.00	6.54	0.01	0.00	6.93	2.00	0.00	6.54	0.01	0.00
6.94	2.00	0.00	6.53	0.01	0.00	6.95	2.00	0.00	6.53	0.01	0.00
6.96	2.00	0.00	6.52	0.01	0.00	6.97	2.00	0.00	6.51	0.01	0.00
6.98	2.00	0.00	6.51	0.01	0.00	6.99	2.00	0.00	6.50	0.01	0.00
7.00	2.00	0.00	6.50	0.01	0.00	7.01	2.00	0.00	6.50	0.01	0.00
7.02	2.00	0.00	6.49	0.01	0.00	7.03	2.00	0.00	6.49	0.01	0.00
7.04	2.00	0.00	6.48	0.01	0.00	7.05	2.00	0.00	6.47	0.01	0.00
7.06	2.00	0.00	6.47	0.01	0.00	7.07	2.00	0.00	6.46	0.01	0.00
7.08	2.00	0.00	6.46	0.01	0.00	7.09	2.00	0.00	6.46	0.01	0.00
7.10	2.00	0.00	6.45	0.01	0.00	7.11	2.00	0.00	6.45	0.01	0.00
7.12	2.00	0.00	6.44	0.01	0.00	7.13	2.00	0.00	6.43	0.01	0.00
7.14	2.00	0.00	6.43	0.01	0.00	7.15	2.00	0.00	6.42	0.01	0.00
7.16	2.00	0.00	6.42	0.01	0.00	7.17	2.00	0.00	6.42	0.01	0.00
7.18	2.00	0.00	6.41	0.01	0.00	7.19	2.00	0.00	6.41	0.01	0.00
7.20	2.00	0.00	6.40	0.01	0.00	7.21	2.00	0.00	6.39	0.01	0.00
7.22	2.00	0.00	6.39	0.01	0.00	7.23	2.00	0.00	6.38	0.01	0.00
7.24	2.00	0.00	6.38	0.01	0.00	7.25	2.00	0.00	6.38	0.01	0.00
7.26	2.00	0.00	6.37	0.01	0.00	7.27	2.00	0.00	6.37	0.01	0.00
7.28	2.00	0.00	6.36	0.01	0.00	7.29	2.00	0.00	6.36	0.01	0.00
7.30	2.00	0.00	6.35	0.01	0.00	7.31	2.00	0.00	6.34	0.01	0.00
7.32	2.00	0.00	6.34	0.01	0.00	7.33	2.00	0.00	6.33	0.01	0.00
7.34	2.00	0.00	6.33	0.01	0.00	7.35	2.00	0.00	6.33	0.01	0.00
7.36	2.00	0.00	6.32	0.01	0.00	7.37	2.00	0.00	6.32	0.01	0.00
7.38	2.00	0.00	6.31	0.01	0.00	7.39	2.00	0.00	6.30	0.01	0.00
7.40	2.00	0.00	6.30	0.01	0.00	7.41	2.00	0.00	6.29	0.01	0.00
7.42	2.00	0.00	6.29	0.01	0.00	7.43	2.00	0.00	6.29	0.01	0.00
7.44	2.00	0.00	6.28	0.01	0.00	7.45	2.00	0.00	6.28	0.01	0.00
7.46	2.00	0.00	6.27	0.01	0.00	7.47	2.00	0.00	6.26	0.01	0.00
7.48	2.00	0.00	6.26	0.01	0.00	7.49	2.00	0.00	6.25	0.01	0.00
7.50	2.00	0.00	6.25	0.01	0.00	7.51	2.00	0.00	6.25	0.01	0.00
7.52	2.00	0.00	6.24	0.01	0.00	7.53	2.00	0.00	6.24	0.01	0.00
7.54	2.00	0.00	6.23	0.01	0.00	7.55	2.00	0.00	6.22	0.01	0.00
7.56	2.00	0.00	6.22	0.01	0.00	7.57	2.00	0.00	6.21	0.01	0.00
7.58	2.00	0.00	6.21	0.01	0.00	7.59	2.00	0.00	6.21	0.01	0.00
7.60	2.00	0.00	6.20	0.01	0.00	7.61	2.00	0.00	6.20	0.01	0.00
7.62	2.00	0.00	6.19	0.01	0.00	7.63	2.00	0.00	6.18	0.01	0.00
7.64	2.00	0.00	6.18	0.01	0.00	7.65	2.00	0.00	6.17	0.01	0.00
7.66	2.00	0.00	6.17	0.01	0.00	7.67	2.00	0.00	6.17	0.01	0.00
7.68	2.00	0.00	6.16	0.01	0.00	7.69	2.00	0.00	6.16	0.01	0.00
7.70	2.00	0.00	6.15	0.01	0.00	7.71	2.00	0.00	6.14	0.01	0.00
7.72	2.00	0.00	6.14	0.01	0.00	7.73	2.00	0.00	6.13	0.01	0.00
7.74	2.00	0.00	6.13	0.01	0.00	7.75	2.00	0.00	6.13	0.01	0.00
7.76	2.00	0.00	6.12	0.01	0.00	7.77	2.00	0.00	6.12	0.01	0.00
7.78	2.00	0.00	6.11	0.01	0.00	7.79	2.00	0.00	6.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.80	2.00	0.00	6.10	0.01	0.00	7.81	2.00	0.00	6.09	0.01	0.00
7.82	2.00	0.00	6.09	0.01	0.00	7.83	2.00	0.00	6.08	0.01	0.00
7.84	2.00	0.00	6.08	0.01	0.00	7.85	2.00	0.00	6.08	0.01	0.00
7.86	2.00	0.00	6.07	0.01	0.00	7.87	2.00	0.00	6.07	0.01	0.00
7.88	2.00	0.00	6.06	0.01	0.00	7.89	2.00	0.00	6.05	0.01	0.00
7.90	2.00	0.00	6.05	0.01	0.00	7.91	2.00	0.00	6.04	0.01	0.00
7.92	2.00	0.00	6.04	0.01	0.00	7.93	2.00	0.00	6.04	0.01	0.00
7.94	2.00	0.00	6.03	0.01	0.00	7.95	2.00	0.00	6.03	0.01	0.00
7.96	2.00	0.00	6.02	0.01	0.00	7.97	2.00	0.00	6.01	0.01	0.00
7.98	2.00	0.00	6.01	0.01	0.00	7.99	2.00	0.00	6.00	0.01	0.00
8.00	2.00	0.00	6.00	0.01	0.00	8.01	2.00	0.00	6.00	0.01	0.00
8.02	2.00	0.00	5.99	0.01	0.00	8.03	2.00	0.00	5.99	0.01	0.00
8.04	2.00	0.00	5.98	0.01	0.00	8.05	2.00	0.00	5.97	0.01	0.00
8.06	2.00	0.00	5.97	0.01	0.00	8.07	2.00	0.00	5.96	0.01	0.00
8.08	2.00	0.00	5.96	0.01	0.00	8.09	2.00	0.00	5.96	0.01	0.00
8.10	2.00	0.00	5.95	0.01	0.00	8.11	2.00	0.00	5.95	0.01	0.00
8.12	2.00	0.00	5.94	0.01	0.00	8.13	2.00	0.00	5.93	0.01	0.00
8.14	2.00	0.00	5.93	0.01	0.00	8.15	2.00	0.00	5.92	0.01	0.00
8.16	2.00	0.00	5.92	0.01	0.00	8.17	2.00	0.00	5.92	0.01	0.00
8.18	2.00	0.00	5.91	0.01	0.00	8.19	2.00	0.00	5.91	0.01	0.00
8.20	2.00	0.00	5.90	0.01	0.00	8.21	2.00	0.00	5.89	0.01	0.00
8.22	2.00	0.00	5.89	0.01	0.00	8.23	2.00	0.00	5.88	0.01	0.00
8.24	2.00	0.00	5.88	0.01	0.00	8.25	2.00	0.00	5.88	0.01	0.00
8.26	2.00	0.00	5.87	0.01	0.00	8.27	2.00	0.00	5.87	0.01	0.00
8.28	2.00	0.00	5.86	0.01	0.00	8.29	2.00	0.00	5.86	0.01	0.00
8.30	2.00	0.00	5.85	0.01	0.00	8.31	2.00	0.00	5.84	0.01	0.00
8.32	2.00	0.00	5.84	0.01	0.00	8.33	2.00	0.00	5.83	0.01	0.00
8.34	2.00	0.00	5.83	0.01	0.00	8.35	2.00	0.00	5.83	0.01	0.00
8.36	2.00	0.00	5.82	0.01	0.00	8.37	2.00	0.00	5.82	0.01	0.00
8.38	2.00	0.00	5.81	0.01	0.00	8.39	2.00	0.00	5.80	0.01	0.00
8.40	2.00	0.00	5.80	0.01	0.00	8.41	2.00	0.00	5.79	0.01	0.00
8.42	2.00	0.00	5.79	0.01	0.00	8.43	2.00	0.00	5.79	0.01	0.00
8.44	2.00	0.00	5.78	0.01	0.00	8.45	2.00	0.00	5.78	0.01	0.00
8.46	2.00	0.00	5.77	0.01	0.00	8.47	2.00	0.00	5.76	0.01	0.00
8.48	2.00	0.00	5.76	0.01	0.00	8.49	2.00	0.00	5.75	0.01	0.00
8.50	2.00	0.00	5.75	0.01	0.00	8.51	2.00	0.00	5.75	0.01	0.00
8.52	2.00	0.00	5.74	0.01	0.00	8.53	2.00	0.00	5.74	0.01	0.00
8.54	2.00	0.00	5.73	0.01	0.00	8.55	2.00	0.00	5.72	0.01	0.00
8.56	2.00	0.00	5.72	0.01	0.00	8.57	2.00	0.00	5.71	0.01	0.00
8.58	2.00	0.00	5.71	0.01	0.00	8.59	2.00	0.00	5.71	0.01	0.00
8.60	2.00	0.00	5.70	0.01	0.00	8.61	2.00	0.00	5.70	0.01	0.00
8.62	2.00	0.00	5.69	0.01	0.00	8.63	2.00	0.00	5.68	0.01	0.00
8.64	2.00	0.00	5.68	0.01	0.00	8.65	2.00	0.00	5.67	0.01	0.00
8.66	2.00	0.00	5.67	0.01	0.00	8.67	2.00	0.00	5.67	0.01	0.00
8.68	2.00	0.00	5.66	0.01	0.00	8.69	2.00	0.00	5.66	0.01	0.00
8.70	2.00	0.00	5.65	0.01	0.00	8.71	2.00	0.00	5.64	0.01	0.00
8.72	2.00	0.00	5.64	0.01	0.00	8.73	2.00	0.00	5.63	0.01	0.00
8.74	2.00	0.00	5.63	0.01	0.00	8.75	2.00	0.00	5.63	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.76	2.00	0.00	5.62	0.01	0.00	8.77	2.00	0.00	5.62	0.01	0.00
8.78	2.00	0.00	5.61	0.01	0.00	8.79	2.00	0.00	5.61	0.01	0.00
8.80	2.00	0.00	5.60	0.01	0.00	8.81	2.00	0.00	5.59	0.01	0.00
8.82	2.00	0.00	5.59	0.01	0.00	8.83	2.00	0.00	5.58	0.01	0.00
8.84	2.00	0.00	5.58	0.01	0.00	8.85	2.00	0.00	5.58	0.01	0.00
8.86	2.00	0.00	5.57	0.01	0.00	8.87	2.00	0.00	5.57	0.01	0.00
8.88	2.00	0.00	5.56	0.01	0.00	8.89	2.00	0.00	5.55	0.01	0.00
8.90	2.00	0.00	5.55	0.01	0.00	8.91	2.00	0.00	5.54	0.01	0.00
8.92	2.00	0.00	5.54	0.01	0.00	8.93	2.00	0.00	5.54	0.01	0.00
8.94	2.00	0.00	5.53	0.01	0.00	8.95	2.00	0.00	5.53	0.01	0.00
8.96	0.45	0.55	5.52	0.01	0.03	8.97	0.44	0.56	5.51	0.01	0.03
8.98	0.44	0.56	5.51	0.01	0.03	8.99	0.44	0.56	5.50	0.01	0.03
9.00	0.44	0.56	5.50	0.01	0.03	9.01	0.44	0.56	5.50	0.01	0.03
9.02	0.44	0.56	5.49	0.01	0.03	9.03	0.44	0.56	5.49	0.01	0.03
9.04	0.44	0.56	5.48	0.01	0.03	9.05	0.44	0.56	5.47	0.01	0.03
9.06	0.45	0.55	5.47	0.01	0.03	9.07	0.45	0.55	5.46	0.01	0.03
9.08	0.45	0.55	5.46	0.01	0.03	9.09	0.46	0.54	5.46	0.01	0.03
9.10	2.00	0.00	5.45	0.01	0.00	9.11	2.00	0.00	5.45	0.01	0.00
9.12	2.00	0.00	5.44	0.01	0.00	9.13	2.00	0.00	5.43	0.01	0.00
9.14	2.00	0.00	5.43	0.01	0.00	9.15	2.00	0.00	5.42	0.01	0.00
9.16	2.00	0.00	5.42	0.01	0.00	9.17	2.00	0.00	5.42	0.01	0.00
9.18	2.00	0.00	5.41	0.01	0.00	9.19	2.00	0.00	5.41	0.01	0.00
9.20	2.00	0.00	5.40	0.01	0.00	9.21	2.00	0.00	5.39	0.01	0.00
9.22	2.00	0.00	5.39	0.01	0.00	9.23	2.00	0.00	5.38	0.01	0.00
9.24	2.00	0.00	5.38	0.01	0.00	9.25	2.00	0.00	5.38	0.01	0.00
9.26	2.00	0.00	5.37	0.01	0.00	9.27	2.00	0.00	5.37	0.01	0.00
9.28	2.00	0.00	5.36	0.01	0.00	9.29	2.00	0.00	5.36	0.01	0.00
9.30	2.00	0.00	5.35	0.01	0.00	9.31	0.48	0.52	5.34	0.01	0.03
9.32	0.48	0.52	5.34	0.01	0.03	9.33	0.48	0.52	5.33	0.01	0.03
9.34	0.48	0.52	5.33	0.01	0.03	9.35	0.49	0.51	5.33	0.01	0.03
9.36	0.50	0.50	5.32	0.01	0.03	9.37	0.52	0.48	5.32	0.01	0.03
9.38	0.56	0.44	5.31	0.01	0.02	9.39	0.59	0.41	5.30	0.01	0.02
9.40	0.62	0.38	5.30	0.01	0.02	9.41	0.63	0.37	5.29	0.01	0.02
9.42	0.63	0.37	5.29	0.01	0.02	9.43	0.63	0.37	5.29	0.01	0.02
9.44	0.63	0.37	5.28	0.01	0.02	9.45	0.63	0.37	5.28	0.01	0.02
9.46	0.64	0.36	5.27	0.01	0.02	9.47	0.65	0.35	5.26	0.01	0.02
9.48	0.66	0.34	5.26	0.01	0.02	9.49	0.66	0.34	5.25	0.01	0.02
9.50	0.66	0.34	5.25	0.01	0.02	9.51	0.66	0.34	5.25	0.01	0.02
9.52	0.66	0.34	5.24	0.01	0.02	9.53	0.66	0.34	5.24	0.01	0.02
9.54	0.66	0.34	5.23	0.01	0.02	9.55	0.67	0.33	5.22	0.01	0.02
9.56	0.69	0.31	5.22	0.01	0.02	9.57	0.72	0.28	5.21	0.01	0.01
9.58	0.77	0.23	5.21	0.01	0.01	9.59	0.82	0.18	5.21	0.01	0.01
9.60	0.89	0.11	5.20	0.01	0.01	9.61	0.96	0.04	5.20	0.01	0.00
9.62	1.04	0.00	5.19	0.01	0.00	9.63	1.07	0.00	5.18	0.01	0.00
9.64	2.00	0.00	5.18	0.01	0.00	9.65	2.00	0.00	5.17	0.01	0.00
9.66	2.00	0.00	5.17	0.01	0.00	9.67	2.00	0.00	5.17	0.01	0.00
9.68	2.00	0.00	5.16	0.01	0.00	9.69	2.00	0.00	5.16	0.01	0.00
9.70	2.00	0.00	5.15	0.01	0.00	9.71	2.00	0.00	5.14	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.72	2.00	0.00	5.14	0.01	0.00	9.73	2.00	0.00	5.13	0.01	0.00
9.74	2.00	0.00	5.13	0.01	0.00	9.75	2.00	0.00	5.13	0.01	0.00
9.76	2.00	0.00	5.12	0.01	0.00	9.77	2.00	0.00	5.12	0.01	0.00
9.78	2.00	0.00	5.11	0.01	0.00	9.79	2.00	0.00	5.11	0.01	0.00
9.80	2.00	0.00	5.10	0.01	0.00	9.81	2.00	0.00	5.09	0.01	0.00
9.82	2.00	0.00	5.09	0.01	0.00	9.83	2.00	0.00	5.08	0.01	0.00
9.84	2.00	0.00	5.08	0.01	0.00	9.85	2.00	0.00	5.08	0.01	0.00
9.86	2.00	0.00	5.07	0.01	0.00	9.87	2.00	0.00	5.07	0.01	0.00
9.88	2.00	0.00	5.06	0.01	0.00	9.89	2.00	0.00	5.05	0.01	0.00
9.90	2.00	0.00	5.05	0.01	0.00	9.91	2.00	0.00	5.04	0.01	0.00
9.92	2.00	0.00	5.04	0.01	0.00	9.93	2.00	0.00	5.04	0.01	0.00
9.94	2.00	0.00	5.03	0.01	0.00	9.95	2.00	0.00	5.03	0.01	0.00
9.96	2.00	0.00	5.02	0.01	0.00	9.97	2.00	0.00	5.01	0.01	0.00
9.98	2.00	0.00	5.01	0.01	0.00	9.99	2.00	0.00	5.00	0.01	0.00
10.00	2.00	0.00	5.00	0.01	0.00	10.01	2.00	0.00	5.00	0.01	0.00
10.02	2.00	0.00	4.99	0.01	0.00	10.03	2.00	0.00	4.99	0.01	0.00
10.04	2.00	0.00	4.98	0.01	0.00	10.05	2.00	0.00	4.97	0.01	0.00
10.06	2.00	0.00	4.97	0.01	0.00	10.07	2.00	0.00	4.96	0.01	0.00
10.08	2.00	0.00	4.96	0.01	0.00	10.09	2.00	0.00	4.96	0.01	0.00
10.10	2.00	0.00	4.95	0.01	0.00	10.11	2.00	0.00	4.95	0.01	0.00
10.12	2.00	0.00	4.94	0.01	0.00	10.13	2.00	0.00	4.93	0.01	0.00
10.14	2.00	0.00	4.93	0.01	0.00	10.15	2.00	0.00	4.92	0.01	0.00
10.16	2.00	0.00	4.92	0.01	0.00	10.17	2.00	0.00	4.92	0.01	0.00
10.18	2.00	0.00	4.91	0.01	0.00	10.19	2.00	0.00	4.91	0.01	0.00
10.20	2.00	0.00	4.90	0.01	0.00	10.21	2.00	0.00	4.89	0.01	0.00
10.22	2.00	0.00	4.89	0.01	0.00	10.23	2.00	0.00	4.88	0.01	0.00
10.24	2.00	0.00	4.88	0.01	0.00	10.25	2.00	0.00	4.88	0.01	0.00
10.26	2.00	0.00	4.87	0.01	0.00	10.27	2.00	0.00	4.87	0.01	0.00
10.28	2.00	0.00	4.86	0.01	0.00	10.29	2.00	0.00	4.86	0.01	0.00
10.30	2.00	0.00	4.85	0.01	0.00	10.31	2.00	0.00	4.84	0.01	0.00
10.32	2.00	0.00	4.84	0.01	0.00	10.33	2.00	0.00	4.83	0.01	0.00
10.34	2.00	0.00	4.83	0.01	0.00	10.35	2.00	0.00	4.83	0.01	0.00
10.36	2.00	0.00	4.82	0.01	0.00	10.37	2.00	0.00	4.82	0.01	0.00
10.38	2.00	0.00	4.81	0.01	0.00	10.39	2.00	0.00	4.80	0.01	0.00
10.40	2.00	0.00	4.80	0.01	0.00	10.41	2.00	0.00	4.79	0.01	0.00
10.42	2.00	0.00	4.79	0.01	0.00	10.43	2.00	0.00	4.79	0.01	0.00
10.44	2.00	0.00	4.78	0.01	0.00	10.45	2.00	0.00	4.78	0.01	0.00
10.46	2.00	0.00	4.77	0.01	0.00	10.47	2.00	0.00	4.76	0.01	0.00
10.48	2.00	0.00	4.76	0.01	0.00	10.49	2.00	0.00	4.75	0.01	0.00
10.50	2.00	0.00	4.75	0.01	0.00	10.51	2.00	0.00	4.75	0.01	0.00
10.52	2.00	0.00	4.74	0.01	0.00	10.53	2.00	0.00	4.74	0.01	0.00
10.54	2.00	0.00	4.73	0.01	0.00	10.55	2.00	0.00	4.72	0.01	0.00
10.56	2.00	0.00	4.72	0.01	0.00	10.57	2.00	0.00	4.71	0.01	0.00
10.58	2.00	0.00	4.71	0.01	0.00	10.59	2.00	0.00	4.71	0.01	0.00
10.60	2.00	0.00	4.70	0.01	0.00	10.61	2.00	0.00	4.70	0.01	0.00
10.62	2.00	0.00	4.69	0.01	0.00	10.63	2.00	0.00	4.68	0.01	0.00
10.64	2.00	0.00	4.68	0.01	0.00	10.65	2.00	0.00	4.67	0.01	0.00
10.66	2.00	0.00	4.67	0.01	0.00	10.67	2.00	0.00	4.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.68	2.00	0.00	4.66	0.01	0.00	10.69	2.00	0.00	4.66	0.01	0.00
10.70	2.00	0.00	4.65	0.01	0.00	10.71	2.00	0.00	4.64	0.01	0.00
10.72	2.00	0.00	4.64	0.01	0.00	10.73	2.00	0.00	4.63	0.01	0.00
10.74	2.00	0.00	4.63	0.01	0.00	10.75	2.00	0.00	4.63	0.01	0.00
10.76	2.00	0.00	4.62	0.01	0.00	10.77	2.00	0.00	4.62	0.01	0.00
10.78	2.00	0.00	4.61	0.01	0.00	10.79	2.00	0.00	4.61	0.01	0.00
10.80	2.00	0.00	4.60	0.01	0.00	10.81	2.00	0.00	4.59	0.01	0.00
10.82	2.00	0.00	4.59	0.01	0.00	10.83	2.00	0.00	4.58	0.01	0.00
10.84	2.00	0.00	4.58	0.01	0.00	10.85	2.00	0.00	4.58	0.01	0.00
10.86	2.00	0.00	4.57	0.01	0.00	10.87	2.00	0.00	4.57	0.01	0.00
10.88	2.00	0.00	4.56	0.01	0.00	10.89	2.00	0.00	4.55	0.01	0.00
10.90	2.00	0.00	4.55	0.01	0.00	10.91	2.00	0.00	4.54	0.01	0.00
10.92	2.00	0.00	4.54	0.01	0.00	10.93	2.00	0.00	4.54	0.01	0.00
10.94	2.00	0.00	4.53	0.01	0.00	10.95	2.00	0.00	4.53	0.01	0.00
10.96	2.00	0.00	4.52	0.01	0.00	10.97	2.00	0.00	4.51	0.01	0.00
10.98	2.00	0.00	4.51	0.01	0.00	10.99	2.00	0.00	4.50	0.01	0.00
11.00	2.00	0.00	4.50	0.01	0.00	11.01	2.00	0.00	4.50	0.01	0.00
11.02	2.00	0.00	4.49	0.01	0.00	11.03	2.00	0.00	4.49	0.01	0.00
11.04	2.00	0.00	4.48	0.01	0.00	11.05	2.00	0.00	4.47	0.01	0.00
11.06	2.00	0.00	4.47	0.01	0.00	11.07	2.00	0.00	4.46	0.01	0.00
11.08	2.00	0.00	4.46	0.01	0.00	11.09	2.00	0.00	4.46	0.01	0.00
11.10	2.00	0.00	4.45	0.01	0.00	11.11	2.00	0.00	4.45	0.01	0.00
11.12	2.00	0.00	4.44	0.01	0.00	11.13	2.00	0.00	4.43	0.01	0.00
11.14	2.00	0.00	4.43	0.01	0.00	11.15	2.00	0.00	4.42	0.01	0.00
11.16	2.00	0.00	4.42	0.01	0.00	11.17	2.00	0.00	4.42	0.01	0.00
11.18	2.00	0.00	4.41	0.01	0.00	11.19	2.00	0.00	4.41	0.01	0.00
11.20	2.00	0.00	4.40	0.01	0.00	11.21	2.00	0.00	4.39	0.01	0.00
11.22	2.00	0.00	4.39	0.01	0.00	11.23	2.00	0.00	4.38	0.01	0.00
11.24	2.00	0.00	4.38	0.01	0.00	11.25	2.00	0.00	4.38	0.01	0.00
11.26	2.00	0.00	4.37	0.01	0.00	11.27	2.00	0.00	4.37	0.01	0.00
11.28	2.00	0.00	4.36	0.01	0.00	11.29	2.00	0.00	4.36	0.01	0.00
11.30	2.00	0.00	4.35	0.01	0.00	11.31	2.00	0.00	4.34	0.01	0.00
11.32	0.56	0.44	4.34	0.01	0.02	11.33	0.56	0.44	4.33	0.01	0.02
11.34	0.56	0.44	4.33	0.01	0.02	11.35	0.56	0.44	4.33	0.01	0.02
11.36	0.56	0.44	4.32	0.01	0.02	11.37	0.56	0.44	4.32	0.01	0.02
11.38	0.56	0.44	4.31	0.01	0.02	11.39	0.56	0.44	4.30	0.01	0.02
11.40	0.55	0.45	4.30	0.01	0.02	11.41	0.56	0.44	4.29	0.01	0.02
11.42	0.56	0.44	4.29	0.01	0.02	11.43	0.57	0.43	4.29	0.01	0.02
11.44	0.57	0.43	4.28	0.01	0.02	11.45	0.57	0.43	4.28	0.01	0.02
11.46	0.57	0.43	4.27	0.01	0.02	11.47	0.57	0.43	4.26	0.01	0.02
11.48	0.58	0.42	4.26	0.01	0.02	11.49	0.59	0.41	4.25	0.01	0.02
11.50	2.00	0.00	4.25	0.01	0.00	11.51	2.00	0.00	4.25	0.01	0.00
11.52	2.00	0.00	4.24	0.01	0.00	11.53	2.00	0.00	4.24	0.01	0.00
11.54	2.00	0.00	4.23	0.01	0.00	11.55	2.00	0.00	4.22	0.01	0.00
11.56	2.00	0.00	4.22	0.01	0.00	11.57	2.00	0.00	4.21	0.01	0.00
11.58	2.00	0.00	4.21	0.01	0.00	11.59	2.00	0.00	4.21	0.01	0.00
11.60	2.00	0.00	4.20	0.01	0.00	11.61	0.70	0.30	4.20	0.01	0.01
11.62	0.70	0.30	4.19	0.01	0.01	11.63	0.71	0.29	4.18	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.64	0.71	0.29	4.18	0.01	0.01	11.65	0.71	0.29	4.17	0.01	0.01
11.66	2.00	0.00	4.17	0.01	0.00	11.67	2.00	0.00	4.17	0.01	0.00
11.68	2.00	0.00	4.16	0.01	0.00	11.69	2.00	0.00	4.16	0.01	0.00
11.70	2.00	0.00	4.15	0.01	0.00	11.71	2.00	0.00	4.14	0.01	0.00
11.72	2.00	0.00	4.14	0.01	0.00	11.73	2.00	0.00	4.13	0.01	0.00
11.74	2.00	0.00	4.13	0.01	0.00	11.75	2.00	0.00	4.13	0.01	0.00
11.76	2.00	0.00	4.12	0.01	0.00	11.77	2.00	0.00	4.12	0.01	0.00
11.78	2.00	0.00	4.11	0.01	0.00	11.79	2.00	0.00	4.11	0.01	0.00
11.80	2.00	0.00	4.10	0.01	0.00	11.81	2.00	0.00	4.09	0.01	0.00
11.82	2.00	0.00	4.09	0.01	0.00	11.83	2.00	0.00	4.08	0.01	0.00
11.84	2.00	0.00	4.08	0.01	0.00	11.85	2.00	0.00	4.08	0.01	0.00
11.86	2.00	0.00	4.07	0.01	0.00	11.87	2.00	0.00	4.07	0.01	0.00
11.88	2.00	0.00	4.06	0.01	0.00	11.89	2.00	0.00	4.05	0.01	0.00
11.90	2.00	0.00	4.05	0.01	0.00	11.91	0.65	0.35	4.04	0.01	0.01
11.92	0.65	0.35	4.04	0.01	0.01	11.93	0.67	0.33	4.04	0.01	0.01
11.94	0.69	0.31	4.03	0.01	0.01	11.95	0.73	0.27	4.03	0.01	0.01
11.96	0.76	0.24	4.02	0.01	0.01	11.97	0.80	0.20	4.01	0.01	0.01
11.98	0.83	0.17	4.01	0.01	0.01	11.99	2.00	0.00	4.00	0.01	0.00
12.00	2.00	0.00	4.00	0.01	0.00	12.01	2.00	0.00	4.00	0.01	0.00
12.02	2.00	0.00	3.99	0.01	0.00	12.03	2.00	0.00	3.98	0.01	0.00
12.04	2.00	0.00	3.98	0.01	0.00	12.05	2.00	0.00	3.98	0.01	0.00
12.06	2.00	0.00	3.97	0.01	0.00	12.07	2.00	0.00	3.96	0.01	0.00
12.08	2.00	0.00	3.96	0.01	0.00	12.09	2.00	0.00	3.96	0.01	0.00
12.10	2.00	0.00	3.95	0.01	0.00	12.11	2.00	0.00	3.94	0.01	0.00
12.12	2.00	0.00	3.94	0.01	0.00	12.13	2.00	0.00	3.94	0.01	0.00
12.14	2.00	0.00	3.93	0.01	0.00	12.15	2.00	0.00	3.92	0.01	0.00
12.16	2.00	0.00	3.92	0.01	0.00	12.17	2.00	0.00	3.92	0.01	0.00
12.18	2.00	0.00	3.91	0.01	0.00	12.19	2.00	0.00	3.90	0.01	0.00
12.20	2.00	0.00	3.90	0.01	0.00	12.21	2.00	0.00	3.90	0.01	0.00
12.22	2.00	0.00	3.89	0.01	0.00	12.23	2.00	0.00	3.88	0.01	0.00
12.24	2.00	0.00	3.88	0.01	0.00	12.25	2.00	0.00	3.88	0.01	0.00
12.26	2.00	0.00	3.87	0.01	0.00	12.27	2.00	0.00	3.87	0.01	0.00
12.28	0.58	0.42	3.86	0.01	0.02	12.29	0.59	0.41	3.85	0.01	0.02
12.30	0.61	0.39	3.85	0.01	0.02	12.31	0.62	0.38	3.85	0.01	0.01
12.32	0.64	0.36	3.84	0.01	0.01	12.33	0.67	0.33	3.83	0.01	0.01
12.34	0.70	0.30	3.83	0.01	0.01	12.35	0.73	0.27	3.83	0.01	0.01
12.36	0.74	0.26	3.82	0.01	0.01	12.37	0.74	0.26	3.81	0.01	0.01
12.38	0.75	0.25	3.81	0.01	0.01	12.39	0.74	0.26	3.81	0.01	0.01
12.40	0.74	0.26	3.80	0.01	0.01	12.41	0.72	0.28	3.79	0.01	0.01
12.42	0.71	0.29	3.79	0.01	0.01	12.43	0.71	0.29	3.79	0.01	0.01
12.44	0.71	0.29	3.78	0.01	0.01	12.45	0.72	0.28	3.77	0.01	0.01
12.46	0.73	0.27	3.77	0.01	0.01	12.47	0.74	0.26	3.77	0.01	0.01
12.48	0.74	0.26	3.76	0.01	0.01	12.49	0.73	0.27	3.75	0.01	0.01
12.50	0.71	0.29	3.75	0.01	0.01	12.51	0.70	0.30	3.75	0.01	0.01
12.52	0.70	0.30	3.74	0.01	0.01	12.53	0.71	0.29	3.73	0.01	0.01
12.54	0.71	0.29	3.73	0.01	0.01	12.55	0.71	0.29	3.73	0.01	0.01
12.56	0.69	0.31	3.72	0.01	0.01	12.57	0.67	0.33	3.71	0.01	0.01
12.58	0.66	0.34	3.71	0.01	0.01	12.59	0.67	0.33	3.71	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.60	0.59	0.41	3.70	0.01	0.02	12.61	0.61	0.39	3.69	0.01	0.01
12.62	0.64	0.36	3.69	0.01	0.01	12.63	0.78	0.22	3.69	0.01	0.01
12.64	0.82	0.18	3.68	0.01	0.01	12.65	0.85	0.15	3.67	0.01	0.01
12.66	0.87	0.13	3.67	0.01	0.00	12.67	0.89	0.11	3.67	0.01	0.00
12.68	0.89	0.11	3.66	0.01	0.00	12.69	0.87	0.13	3.65	0.01	0.00
12.70	0.73	0.27	3.65	0.01	0.01	12.71	0.71	0.29	3.65	0.01	0.01
12.72	0.69	0.31	3.64	0.01	0.01	12.73	0.67	0.33	3.63	0.01	0.01
12.74	0.66	0.34	3.63	0.01	0.01	12.75	0.66	0.34	3.63	0.01	0.01
12.76	0.65	0.35	3.62	0.01	0.01	12.77	0.65	0.35	3.62	0.01	0.01
12.78	0.64	0.36	3.61	0.01	0.01	12.79	0.65	0.35	3.60	0.01	0.01
12.80	0.66	0.34	3.60	0.01	0.01	12.81	0.66	0.34	3.60	0.01	0.01
12.82	0.66	0.34	3.59	0.01	0.01	12.83	0.66	0.34	3.58	0.01	0.01
12.84	0.65	0.35	3.58	0.01	0.01	12.85	0.65	0.35	3.58	0.01	0.01
12.86	0.64	0.36	3.57	0.01	0.01	12.87	0.64	0.36	3.56	0.01	0.01
12.88	0.64	0.36	3.56	0.01	0.01	12.89	0.64	0.36	3.56	0.01	0.01
12.90	0.65	0.35	3.55	0.01	0.01	12.91	0.66	0.34	3.54	0.01	0.01
12.92	0.67	0.33	3.54	0.01	0.01	12.93	0.67	0.33	3.54	0.01	0.01
12.94	0.68	0.32	3.53	0.01	0.01	12.95	0.68	0.32	3.52	0.01	0.01
12.96	0.68	0.32	3.52	0.01	0.01	12.97	0.68	0.32	3.52	0.01	0.01
12.98	0.67	0.33	3.51	0.01	0.01	12.99	0.67	0.33	3.50	0.01	0.01
13.00	0.67	0.33	3.50	0.01	0.01	13.01	0.67	0.33	3.50	0.01	0.01
13.02	0.68	0.32	3.49	0.01	0.01	13.03	0.68	0.32	3.48	0.01	0.01
13.04	0.68	0.32	3.48	0.01	0.01	13.05	0.68	0.32	3.48	0.01	0.01
13.06	0.69	0.31	3.47	0.01	0.01	13.07	0.69	0.31	3.46	0.01	0.01
13.08	0.69	0.31	3.46	0.01	0.01	13.09	0.69	0.31	3.46	0.01	0.01
13.10	0.68	0.32	3.45	0.01	0.01	13.11	0.68	0.32	3.44	0.01	0.01
13.12	0.67	0.33	3.44	0.01	0.01	13.13	0.67	0.33	3.44	0.01	0.01
13.14	0.66	0.34	3.43	0.01	0.01	13.15	0.65	0.35	3.42	0.01	0.01
13.16	0.64	0.36	3.42	0.01	0.01	13.17	0.63	0.37	3.42	0.01	0.01
13.18	0.62	0.38	3.41	0.01	0.01	13.19	0.61	0.39	3.40	0.01	0.01
13.20	0.61	0.39	3.40	0.01	0.01	13.21	0.61	0.39	3.40	0.01	0.01
13.22	0.61	0.39	3.39	0.01	0.01	13.23	0.70	0.30	3.38	0.01	0.01
13.24	0.70	0.30	3.38	0.01	0.01	13.25	0.69	0.31	3.38	0.01	0.01
13.26	0.68	0.32	3.37	0.01	0.01	13.27	0.68	0.32	3.37	0.01	0.01
13.28	0.66	0.34	3.36	0.01	0.01	13.29	0.65	0.35	3.35	0.01	0.01
13.30	0.64	0.36	3.35	0.01	0.01	13.31	0.63	0.37	3.35	0.01	0.01
13.32	0.62	0.38	3.34	0.01	0.01	13.33	0.61	0.39	3.33	0.01	0.01
13.34	0.61	0.39	3.33	0.01	0.01	13.35	0.61	0.39	3.33	0.01	0.01
13.36	0.61	0.39	3.32	0.01	0.01	13.37	0.60	0.40	3.31	0.01	0.01
13.38	0.61	0.39	3.31	0.01	0.01	13.39	0.61	0.39	3.31	0.01	0.01
13.40	0.61	0.39	3.30	0.01	0.01	13.41	0.61	0.39	3.29	0.01	0.01
13.42	0.60	0.40	3.29	0.01	0.01	13.43	0.60	0.40	3.29	0.01	0.01
13.44	0.59	0.41	3.28	0.01	0.01	13.45	0.59	0.41	3.27	0.01	0.01
13.46	0.50	0.50	3.27	0.01	0.02	13.47	0.50	0.50	3.27	0.01	0.02
13.48	0.51	0.49	3.26	0.01	0.02	13.49	0.51	0.49	3.25	0.01	0.02
13.50	0.51	0.49	3.25	0.01	0.02	13.51	0.51	0.49	3.25	0.01	0.02
13.52	0.52	0.48	3.24	0.01	0.02	13.53	0.52	0.48	3.23	0.01	0.02
13.54	0.52	0.48	3.23	0.01	0.02	13.55	0.52	0.48	3.23	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.56	0.52	0.48	3.22	0.01	0.02	13.57	0.52	0.48	3.21	0.01	0.02
13.58	0.52	0.48	3.21	0.01	0.02	13.59	0.52	0.48	3.21	0.01	0.02
13.60	0.52	0.48	3.20	0.01	0.02	13.61	0.52	0.48	3.19	0.01	0.02
13.62	0.53	0.47	3.19	0.01	0.02	13.63	0.53	0.47	3.19	0.01	0.02
13.64	0.53	0.47	3.18	0.01	0.01	13.65	0.53	0.47	3.17	0.01	0.01
13.66	0.54	0.46	3.17	0.01	0.01	13.67	0.54	0.46	3.17	0.01	0.01
13.68	0.54	0.46	3.16	0.01	0.01	13.69	0.55	0.45	3.15	0.01	0.01
13.70	0.55	0.45	3.15	0.01	0.01	13.71	0.56	0.44	3.15	0.01	0.01
13.72	0.56	0.44	3.14	0.01	0.01	13.73	0.57	0.43	3.13	0.01	0.01
13.74	0.57	0.43	3.13	0.01	0.01	13.75	0.56	0.44	3.13	0.01	0.01
13.76	0.56	0.44	3.12	0.01	0.01	13.77	0.55	0.45	3.12	0.01	0.01
13.78	0.55	0.45	3.11	0.01	0.01	13.79	0.55	0.45	3.10	0.01	0.01
13.80	0.55	0.45	3.10	0.01	0.01	13.81	0.55	0.45	3.10	0.01	0.01
13.82	0.55	0.45	3.09	0.01	0.01	13.83	0.55	0.45	3.08	0.01	0.01
13.84	0.56	0.44	3.08	0.01	0.01	13.85	0.56	0.44	3.08	0.01	0.01
13.86	0.57	0.43	3.07	0.01	0.01	13.87	0.58	0.42	3.06	0.01	0.01
13.88	0.59	0.41	3.06	0.01	0.01	13.89	0.60	0.40	3.06	0.01	0.01
13.90	0.61	0.39	3.05	0.01	0.01	13.91	0.63	0.37	3.04	0.01	0.01
13.92	0.64	0.36	3.04	0.01	0.01	13.93	0.64	0.36	3.04	0.01	0.01
13.94	0.65	0.35	3.03	0.01	0.01	13.95	0.65	0.35	3.02	0.01	0.01
13.96	0.65	0.35	3.02	0.01	0.01	13.97	0.64	0.36	3.02	0.01	0.01
13.98	0.65	0.35	3.01	0.01	0.01	13.99	0.65	0.35	3.00	0.01	0.01
14.00	0.65	0.35	3.00	0.01	0.01	14.01	0.66	0.34	3.00	0.01	0.01
14.02	0.67	0.33	2.99	0.01	0.01	14.03	0.68	0.32	2.98	0.01	0.01
14.04	0.68	0.32	2.98	0.01	0.01	14.05	0.67	0.33	2.98	0.01	0.01
14.06	0.67	0.33	2.97	0.01	0.01	14.07	0.66	0.34	2.96	0.01	0.01
14.08	0.65	0.35	2.96	0.01	0.01	14.09	0.63	0.37	2.96	0.01	0.01
14.10	0.62	0.38	2.95	0.01	0.01	14.11	0.71	0.29	2.94	0.01	0.01
14.12	0.70	0.30	2.94	0.01	0.01	14.13	0.69	0.31	2.94	0.01	0.01
14.14	0.69	0.31	2.93	0.01	0.01	14.15	0.69	0.31	2.92	0.01	0.01
14.16	0.70	0.30	2.92	0.01	0.01	14.17	0.70	0.30	2.92	0.01	0.01
14.18	0.70	0.30	2.91	0.01	0.01	14.19	0.70	0.30	2.90	0.01	0.01
14.20	0.71	0.29	2.90	0.01	0.01	14.21	0.71	0.29	2.90	0.01	0.01
14.22	0.71	0.29	2.89	0.01	0.01	14.23	0.71	0.29	2.88	0.01	0.01
14.24	0.72	0.28	2.88	0.01	0.01	14.25	0.72	0.28	2.88	0.01	0.01
14.26	0.63	0.37	2.87	0.01	0.01	14.27	0.64	0.36	2.87	0.01	0.01
14.28	0.65	0.35	2.86	0.01	0.01	14.29	0.65	0.35	2.85	0.01	0.01
14.30	0.66	0.34	2.85	0.01	0.01	14.31	0.66	0.34	2.85	0.01	0.01
14.32	0.66	0.34	2.84	0.01	0.01	14.33	0.65	0.35	2.83	0.01	0.01
14.34	0.65	0.35	2.83	0.01	0.01	14.35	0.64	0.36	2.83	0.01	0.01
14.36	0.64	0.36	2.82	0.01	0.01	14.37	0.64	0.36	2.81	0.01	0.01
14.38	0.63	0.37	2.81	0.01	0.01	14.39	0.64	0.36	2.81	0.01	0.01
14.40	0.64	0.36	2.80	0.01	0.01	14.41	0.64	0.36	2.79	0.01	0.01
14.42	0.65	0.35	2.79	0.01	0.01	14.43	0.65	0.35	2.79	0.01	0.01
14.44	0.65	0.35	2.78	0.01	0.01	14.45	0.64	0.36	2.77	0.01	0.01
14.46	0.64	0.36	2.77	0.01	0.01	14.47	0.63	0.37	2.77	0.01	0.01
14.48	0.63	0.37	2.76	0.01	0.01	14.49	0.62	0.38	2.75	0.01	0.01
14.50	0.61	0.39	2.75	0.01	0.01	14.51	0.60	0.40	2.75	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.52	0.60	0.40	2.74	0.01	0.01	14.53	0.68	0.32	2.73	0.01	0.01
14.54	0.67	0.33	2.73	0.01	0.01	14.55	0.66	0.34	2.73	0.01	0.01
14.56	0.66	0.34	2.72	0.01	0.01	14.57	0.65	0.35	2.71	0.01	0.01
14.58	0.64	0.36	2.71	0.01	0.01	14.59	0.64	0.36	2.71	0.01	0.01
14.60	0.64	0.36	2.70	0.01	0.01	14.61	0.63	0.37	2.69	0.01	0.01
14.62	0.63	0.37	2.69	0.01	0.01	14.63	0.63	0.37	2.69	0.01	0.01
14.64	0.64	0.36	2.68	0.01	0.01	14.65	0.64	0.36	2.67	0.01	0.01
14.66	0.64	0.36	2.67	0.01	0.01	14.67	0.65	0.35	2.67	0.01	0.01
14.68	0.66	0.34	2.66	0.01	0.01	14.69	0.67	0.33	2.65	0.01	0.01
14.70	0.68	0.32	2.65	0.01	0.01	14.71	0.68	0.32	2.65	0.01	0.01
14.72	0.68	0.32	2.64	0.01	0.01	14.73	0.68	0.32	2.63	0.01	0.01
14.74	0.59	0.41	2.63	0.01	0.01	14.75	0.61	0.39	2.63	0.01	0.01
14.76	0.63	0.37	2.62	0.01	0.01	14.77	0.66	0.34	2.62	0.01	0.01
14.78	0.69	0.31	2.61	0.01	0.01	14.79	0.73	0.27	2.60	0.01	0.01
14.80	0.76	0.24	2.60	0.01	0.01	14.81	0.78	0.22	2.60	0.01	0.01
14.82	0.79	0.21	2.59	0.01	0.01	14.83	0.80	0.20	2.58	0.01	0.01
14.84	0.79	0.21	2.58	0.01	0.01	14.85	0.78	0.22	2.58	0.01	0.01
14.86	0.77	0.23	2.57	0.01	0.01	14.87	0.76	0.24	2.56	0.01	0.01
14.88	0.75	0.25	2.56	0.01	0.01	14.89	0.74	0.26	2.56	0.01	0.01
14.90	0.73	0.27	2.55	0.01	0.01	14.91	0.73	0.27	2.54	0.01	0.01
14.92	0.72	0.28	2.54	0.01	0.01	14.93	0.72	0.28	2.54	0.01	0.01
14.94	0.72	0.28	2.53	0.01	0.01	14.95	0.72	0.28	2.52	0.01	0.01
14.96	0.74	0.26	2.52	0.01	0.01	14.97	0.76	0.24	2.52	0.01	0.01
14.98	0.79	0.21	2.51	0.01	0.01	14.99	0.83	0.17	2.50	0.01	0.00
15.00	0.89	0.11	2.50	0.01	0.00	15.01	2.00	0.00	2.50	0.01	0.00
15.02	2.00	0.00	2.49	0.01	0.00	15.03	2.00	0.00	2.48	0.01	0.00
15.04	2.00	0.00	2.48	0.01	0.00	15.05	2.00	0.00	2.48	0.01	0.00
15.06	2.00	0.00	2.47	0.01	0.00	15.07	2.00	0.00	2.46	0.01	0.00
15.08	2.00	0.00	2.46	0.01	0.00	15.09	2.00	0.00	2.46	0.01	0.00
15.10	2.00	0.00	2.45	0.01	0.00	15.11	2.00	0.00	2.44	0.01	0.00
15.12	2.00	0.00	2.44	0.01	0.00	15.13	2.00	0.00	2.44	0.01	0.00
15.14	2.00	0.00	2.43	0.01	0.00	15.15	2.00	0.00	2.42	0.01	0.00
15.16	2.00	0.00	2.42	0.01	0.00	15.17	2.00	0.00	2.42	0.01	0.00
15.18	2.00	0.00	2.41	0.01	0.00	15.19	2.00	0.00	2.40	0.01	0.00
15.20	2.00	0.00	2.40	0.01	0.00	15.21	2.00	0.00	2.40	0.01	0.00
15.22	2.00	0.00	2.39	0.01	0.00	15.23	2.00	0.00	2.38	0.01	0.00
15.24	2.00	0.00	2.38	0.01	0.00	15.25	2.00	0.00	2.38	0.01	0.00
15.26	2.00	0.00	2.37	0.01	0.00	15.27	2.00	0.00	2.37	0.01	0.00
15.28	2.00	0.00	2.36	0.01	0.00	15.29	2.00	0.00	2.35	0.01	0.00
15.30	2.00	0.00	2.35	0.01	0.00	15.31	2.00	0.00	2.35	0.01	0.00
15.32	2.00	0.00	2.34	0.01	0.00	15.33	2.00	0.00	2.33	0.01	0.00
15.34	2.00	0.00	2.33	0.01	0.00	15.35	2.00	0.00	2.33	0.01	0.00
15.36	2.00	0.00	2.32	0.01	0.00	15.37	2.00	0.00	2.31	0.01	0.00
15.38	2.00	0.00	2.31	0.01	0.00	15.39	2.00	0.00	2.31	0.01	0.00
15.40	2.00	0.00	2.30	0.01	0.00	15.41	2.00	0.00	2.29	0.01	0.00
15.42	2.00	0.00	2.29	0.01	0.00	15.43	2.00	0.00	2.29	0.01	0.00
15.44	2.00	0.00	2.28	0.01	0.00	15.45	2.00	0.00	2.27	0.01	0.00
15.46	2.00	0.00	2.27	0.01	0.00	15.47	2.00	0.00	2.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.48	2.00	0.00	2.26	0.01	0.00	15.49	2.00	0.00	2.25	0.01	0.00
15.50	2.00	0.00	2.25	0.01	0.00	15.51	2.00	0.00	2.25	0.01	0.00
15.52	2.00	0.00	2.24	0.01	0.00	15.53	2.00	0.00	2.23	0.01	0.00
15.54	2.00	0.00	2.23	0.01	0.00	15.55	2.00	0.00	2.23	0.01	0.00
15.56	2.00	0.00	2.22	0.01	0.00	15.57	2.00	0.00	2.21	0.01	0.00
15.58	2.00	0.00	2.21	0.01	0.00	15.59	2.00	0.00	2.21	0.01	0.00
15.60	2.00	0.00	2.20	0.01	0.00	15.61	2.00	0.00	2.19	0.01	0.00
15.62	2.00	0.00	2.19	0.01	0.00	15.63	2.00	0.00	2.19	0.01	0.00
15.64	2.00	0.00	2.18	0.01	0.00	15.65	2.00	0.00	2.17	0.01	0.00
15.66	2.00	0.00	2.17	0.01	0.00	15.67	2.00	0.00	2.17	0.01	0.00
15.68	2.00	0.00	2.16	0.01	0.00	15.69	2.00	0.00	2.15	0.01	0.00
15.70	2.00	0.00	2.15	0.01	0.00	15.71	2.00	0.00	2.15	0.01	0.00
15.72	2.00	0.00	2.14	0.01	0.00	15.73	2.00	0.00	2.13	0.01	0.00
15.74	2.00	0.00	2.13	0.01	0.00	15.75	2.00	0.00	2.13	0.01	0.00
15.76	2.00	0.00	2.12	0.01	0.00	15.77	2.00	0.00	2.12	0.01	0.00
15.78	2.00	0.00	2.11	0.01	0.00	15.79	2.00	0.00	2.10	0.01	0.00
15.80	2.00	0.00	2.10	0.01	0.00	15.81	2.00	0.00	2.10	0.01	0.00
15.82	2.00	0.00	2.09	0.01	0.00	15.83	2.00	0.00	2.08	0.01	0.00
15.84	2.00	0.00	2.08	0.01	0.00	15.85	2.00	0.00	2.08	0.01	0.00
15.86	2.00	0.00	2.07	0.01	0.00	15.87	2.00	0.00	2.06	0.01	0.00
15.88	2.00	0.00	2.06	0.01	0.00	15.89	2.00	0.00	2.06	0.01	0.00
15.90	2.00	0.00	2.05	0.01	0.00	15.91	2.00	0.00	2.04	0.01	0.00
15.92	2.00	0.00	2.04	0.01	0.00	15.93	2.00	0.00	2.04	0.01	0.00
15.94	2.00	0.00	2.03	0.01	0.00	15.95	2.00	0.00	2.02	0.01	0.00
15.96	2.00	0.00	2.02	0.01	0.00	15.97	2.00	0.00	2.02	0.01	0.00
15.98	2.00	0.00	2.01	0.01	0.00	15.99	2.00	0.00	2.00	0.01	0.00
16.00	2.00	0.00	2.00	0.01	0.00	16.01	2.00	0.00	2.00	0.01	0.00
16.02	2.00	0.00	1.99	0.01	0.00	16.03	2.00	0.00	1.99	0.01	0.00
16.04	2.00	0.00	1.98	0.01	0.00	16.05	2.00	0.00	1.98	0.01	0.00
16.06	2.00	0.00	1.97	0.01	0.00	16.07	2.00	0.00	1.97	0.01	0.00
16.08	2.00	0.00	1.96	0.01	0.00	16.09	2.00	0.00	1.96	0.01	0.00
16.10	2.00	0.00	1.95	0.01	0.00	16.11	2.00	0.00	1.95	0.01	0.00
16.12	2.00	0.00	1.94	0.01	0.00	16.13	2.00	0.00	1.94	0.01	0.00
16.14	2.00	0.00	1.93	0.01	0.00	16.15	2.00	0.00	1.93	0.01	0.00
16.16	2.00	0.00	1.92	0.01	0.00	16.17	2.00	0.00	1.92	0.01	0.00
16.18	2.00	0.00	1.91	0.01	0.00	16.19	2.00	0.00	1.91	0.01	0.00
16.20	2.00	0.00	1.90	0.01	0.00	16.21	2.00	0.00	1.90	0.01	0.00
16.22	2.00	0.00	1.89	0.01	0.00	16.23	2.00	0.00	1.89	0.01	0.00
16.24	2.00	0.00	1.88	0.01	0.00	16.25	2.00	0.00	1.88	0.01	0.00
16.26	2.00	0.00	1.87	0.01	0.00	16.27	2.00	0.00	1.86	0.01	0.00
16.28	2.00	0.00	1.86	0.01	0.00	16.29	2.00	0.00	1.85	0.01	0.00
16.30	2.00	0.00	1.85	0.01	0.00	16.31	2.00	0.00	1.84	0.01	0.00
16.32	2.00	0.00	1.84	0.01	0.00	16.33	2.00	0.00	1.83	0.01	0.00
16.34	2.00	0.00	1.83	0.01	0.00	16.35	2.00	0.00	1.82	0.01	0.00
16.36	2.00	0.00	1.82	0.01	0.00	16.37	2.00	0.00	1.81	0.01	0.00
16.38	2.00	0.00	1.81	0.01	0.00	16.39	2.00	0.00	1.80	0.01	0.00
16.40	2.00	0.00	1.80	0.01	0.00	16.41	2.00	0.00	1.79	0.01	0.00
16.42	2.00	0.00	1.79	0.01	0.00	16.43	2.00	0.00	1.78	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.44	2.00	0.00	1.78	0.01	0.00	16.45	2.00	0.00	1.77	0.01	0.00
16.46	2.00	0.00	1.77	0.01	0.00	16.47	2.00	0.00	1.76	0.01	0.00
16.48	2.00	0.00	1.76	0.01	0.00	16.49	2.00	0.00	1.75	0.01	0.00
16.50	2.00	0.00	1.75	0.01	0.00	16.51	2.00	0.00	1.75	0.01	0.00
16.52	2.00	0.00	1.74	0.01	0.00	16.53	2.00	0.00	1.74	0.01	0.00
16.54	2.00	0.00	1.73	0.01	0.00	16.55	2.00	0.00	1.73	0.01	0.00
16.56	2.00	0.00	1.72	0.01	0.00	16.57	2.00	0.00	1.72	0.01	0.00
16.58	2.00	0.00	1.71	0.01	0.00	16.59	2.00	0.00	1.71	0.01	0.00
16.60	2.00	0.00	1.70	0.01	0.00	16.61	2.00	0.00	1.70	0.01	0.00
16.62	2.00	0.00	1.69	0.01	0.00	16.63	2.00	0.00	1.69	0.01	0.00
16.64	2.00	0.00	1.68	0.01	0.00	16.65	2.00	0.00	1.68	0.01	0.00
16.66	2.00	0.00	1.67	0.01	0.00	16.67	2.00	0.00	1.67	0.01	0.00
16.68	2.00	0.00	1.66	0.01	0.00	16.69	2.00	0.00	1.66	0.01	0.00
16.70	2.00	0.00	1.65	0.01	0.00	16.71	2.00	0.00	1.65	0.01	0.00
16.72	2.00	0.00	1.64	0.01	0.00	16.73	2.00	0.00	1.64	0.01	0.00
16.74	2.00	0.00	1.63	0.01	0.00	16.75	2.00	0.00	1.63	0.01	0.00
16.76	2.00	0.00	1.62	0.01	0.00	16.77	2.00	0.00	1.61	0.01	0.00
16.78	2.00	0.00	1.61	0.01	0.00	16.79	2.00	0.00	1.60	0.01	0.00
16.80	2.00	0.00	1.60	0.01	0.00	16.81	2.00	0.00	1.59	0.01	0.00
16.82	2.00	0.00	1.59	0.01	0.00	16.83	2.00	0.00	1.58	0.01	0.00
16.84	2.00	0.00	1.58	0.01	0.00	16.85	2.00	0.00	1.57	0.01	0.00
16.86	2.00	0.00	1.57	0.01	0.00	16.87	2.00	0.00	1.56	0.01	0.00
16.88	2.00	0.00	1.56	0.01	0.00	16.89	2.00	0.00	1.55	0.01	0.00
16.90	2.00	0.00	1.55	0.01	0.00	16.91	2.00	0.00	1.54	0.01	0.00
16.92	2.00	0.00	1.54	0.01	0.00	16.93	2.00	0.00	1.53	0.01	0.00
16.94	2.00	0.00	1.53	0.01	0.00	16.95	2.00	0.00	1.52	0.01	0.00
16.96	2.00	0.00	1.52	0.01	0.00	16.97	2.00	0.00	1.51	0.01	0.00
16.98	2.00	0.00	1.51	0.01	0.00	16.99	2.00	0.00	1.50	0.01	0.00
17.00	2.00	0.00	1.50	0.01	0.00	17.01	2.00	0.00	1.50	0.01	0.00
17.02	2.00	0.00	1.49	0.01	0.00	17.03	2.00	0.00	1.49	0.01	0.00
17.04	2.00	0.00	1.48	0.01	0.00	17.05	2.00	0.00	1.48	0.01	0.00
17.06	2.00	0.00	1.47	0.01	0.00	17.07	2.00	0.00	1.47	0.01	0.00
17.08	2.00	0.00	1.46	0.01	0.00	17.09	2.00	0.00	1.46	0.01	0.00
17.10	2.00	0.00	1.45	0.01	0.00	17.11	2.00	0.00	1.45	0.01	0.00
17.12	2.00	0.00	1.44	0.01	0.00	17.13	2.00	0.00	1.44	0.01	0.00
17.14	2.00	0.00	1.43	0.01	0.00	17.15	2.00	0.00	1.43	0.01	0.00
17.16	2.00	0.00	1.42	0.01	0.00	17.17	2.00	0.00	1.42	0.01	0.00
17.18	2.00	0.00	1.41	0.01	0.00	17.19	2.00	0.00	1.41	0.01	0.00
17.20	2.00	0.00	1.40	0.01	0.00	17.21	2.00	0.00	1.40	0.01	0.00
17.22	2.00	0.00	1.39	0.01	0.00	17.23	2.00	0.00	1.39	0.01	0.00
17.24	2.00	0.00	1.38	0.01	0.00	17.25	2.00	0.00	1.38	0.01	0.00
17.26	2.00	0.00	1.37	0.01	0.00	17.27	2.00	0.00	1.36	0.01	0.00
17.28	2.00	0.00	1.36	0.01	0.00	17.29	2.00	0.00	1.35	0.01	0.00
17.30	2.00	0.00	1.35	0.01	0.00	17.31	2.00	0.00	1.34	0.01	0.00
17.32	2.00	0.00	1.34	0.01	0.00	17.33	2.00	0.00	1.33	0.01	0.00
17.34	2.00	0.00	1.33	0.01	0.00	17.35	2.00	0.00	1.32	0.01	0.00
17.36	2.00	0.00	1.32	0.01	0.00	17.37	2.00	0.00	1.31	0.01	0.00
17.38	2.00	0.00	1.31	0.01	0.00	17.39	2.00	0.00	1.30	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.40	2.00	0.00	1.30	0.01	0.00	17.41	2.00	0.00	1.29	0.01	0.00
17.42	2.00	0.00	1.29	0.01	0.00	17.43	2.00	0.00	1.28	0.01	0.00
17.44	2.00	0.00	1.28	0.01	0.00	17.45	2.00	0.00	1.27	0.01	0.00
17.46	2.00	0.00	1.27	0.01	0.00	17.47	2.00	0.00	1.26	0.01	0.00
17.48	2.00	0.00	1.26	0.01	0.00	17.49	2.00	0.00	1.25	0.01	0.00
17.50	2.00	0.00	1.25	0.01	0.00	17.51	2.00	0.00	1.25	0.01	0.00
17.52	2.00	0.00	1.24	0.01	0.00	17.53	2.00	0.00	1.24	0.01	0.00
17.54	2.00	0.00	1.23	0.01	0.00	17.55	2.00	0.00	1.23	0.01	0.00
17.56	2.00	0.00	1.22	0.01	0.00	17.57	2.00	0.00	1.22	0.01	0.00
17.58	2.00	0.00	1.21	0.01	0.00	17.59	2.00	0.00	1.21	0.01	0.00
17.60	2.00	0.00	1.20	0.01	0.00	17.61	2.00	0.00	1.20	0.01	0.00
17.62	2.00	0.00	1.19	0.01	0.00	17.63	2.00	0.00	1.19	0.01	0.00
17.64	2.00	0.00	1.18	0.01	0.00	17.65	2.00	0.00	1.18	0.01	0.00
17.66	2.00	0.00	1.17	0.01	0.00	17.67	2.00	0.00	1.17	0.01	0.00
17.68	2.00	0.00	1.16	0.01	0.00	17.69	2.00	0.00	1.16	0.01	0.00
17.70	2.00	0.00	1.15	0.01	0.00	17.71	2.00	0.00	1.15	0.01	0.00
17.72	2.00	0.00	1.14	0.01	0.00	17.73	2.00	0.00	1.14	0.01	0.00
17.74	2.00	0.00	1.13	0.01	0.00	17.75	2.00	0.00	1.13	0.01	0.00
17.76	2.00	0.00	1.12	0.01	0.00	17.77	2.00	0.00	1.11	0.01	0.00
17.78	2.00	0.00	1.11	0.01	0.00	17.79	2.00	0.00	1.10	0.01	0.00
17.80	2.00	0.00	1.10	0.01	0.00	17.81	2.00	0.00	1.09	0.01	0.00
17.82	2.00	0.00	1.09	0.01	0.00	17.83	2.00	0.00	1.08	0.01	0.00
17.84	2.00	0.00	1.08	0.01	0.00	17.85	2.00	0.00	1.07	0.01	0.00
17.86	2.00	0.00	1.07	0.01	0.00	17.87	2.00	0.00	1.06	0.01	0.00
17.88	2.00	0.00	1.06	0.01	0.00	17.89	2.00	0.00	1.05	0.01	0.00
17.90	2.00	0.00	1.05	0.01	0.00	17.91	2.00	0.00	1.04	0.01	0.00
17.92	2.00	0.00	1.04	0.01	0.00	17.93	2.00	0.00	1.03	0.01	0.00
17.94	2.00	0.00	1.03	0.01	0.00	17.95	2.00	0.00	1.02	0.01	0.00
17.96	2.00	0.00	1.02	0.01	0.00	17.97	2.00	0.00	1.01	0.01	0.00
17.98	2.00	0.00	1.01	0.01	0.00	17.99	2.00	0.00	1.00	0.01	0.00
18.00	2.00	0.00	1.00	0.01	0.00	18.01	2.00	0.00	0.99	0.01	0.00
18.02	2.00	0.00	0.99	0.01	0.00	18.03	2.00	0.00	0.98	0.01	0.00
18.04	2.00	0.00	0.98	0.01	0.00	18.05	2.00	0.00	0.97	0.01	0.00
18.06	2.00	0.00	0.97	0.01	0.00	18.07	2.00	0.00	0.96	0.01	0.00
18.08	2.00	0.00	0.96	0.01	0.00	18.09	2.00	0.00	0.95	0.01	0.00
18.10	2.00	0.00	0.95	0.01	0.00	18.11	2.00	0.00	0.94	0.01	0.00
18.12	2.00	0.00	0.94	0.01	0.00	18.13	2.00	0.00	0.94	0.01	0.00
18.14	2.00	0.00	0.93	0.01	0.00	18.15	2.00	0.00	0.93	0.01	0.00
18.16	2.00	0.00	0.92	0.01	0.00	18.17	2.00	0.00	0.91	0.01	0.00
18.18	2.00	0.00	0.91	0.01	0.00	18.19	2.00	0.00	0.90	0.01	0.00
18.20	2.00	0.00	0.90	0.01	0.00	18.21	2.00	0.00	0.90	0.01	0.00
18.22	2.00	0.00	0.89	0.01	0.00	18.23	2.00	0.00	0.89	0.01	0.00
18.24	2.00	0.00	0.88	0.01	0.00	18.25	2.00	0.00	0.88	0.01	0.00
18.26	2.00	0.00	0.87	0.01	0.00	18.27	2.00	0.00	0.86	0.01	0.00
18.28	2.00	0.00	0.86	0.01	0.00	18.29	2.00	0.00	0.85	0.01	0.00
18.30	2.00	0.00	0.85	0.01	0.00	18.31	2.00	0.00	0.85	0.01	0.00
18.32	2.00	0.00	0.84	0.01	0.00	18.33	2.00	0.00	0.84	0.01	0.00
18.34	2.00	0.00	0.83	0.01	0.00	18.35	2.00	0.00	0.82	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.36	2.00	0.00	0.82	0.01	0.00	18.37	2.00	0.00	0.81	0.01	0.00
18.38	2.00	0.00	0.81	0.01	0.00	18.39	2.00	0.00	0.81	0.01	0.00
18.40	2.00	0.00	0.80	0.01	0.00	18.41	2.00	0.00	0.80	0.01	0.00
18.42	2.00	0.00	0.79	0.01	0.00	18.43	2.00	0.00	0.79	0.01	0.00
18.44	2.00	0.00	0.78	0.01	0.00	18.45	2.00	0.00	0.78	0.01	0.00
18.46	2.00	0.00	0.77	0.01	0.00	18.47	2.00	0.00	0.77	0.01	0.00
18.48	2.00	0.00	0.76	0.01	0.00	18.49	2.00	0.00	0.76	0.01	0.00
18.50	2.00	0.00	0.75	0.01	0.00	18.51	2.00	0.00	0.74	0.01	0.00
18.52	2.00	0.00	0.74	0.01	0.00	18.53	2.00	0.00	0.73	0.01	0.00
18.54	2.00	0.00	0.73	0.01	0.00	18.55	2.00	0.00	0.72	0.01	0.00
18.56	2.00	0.00	0.72	0.01	0.00	18.57	2.00	0.00	0.71	0.01	0.00
18.58	2.00	0.00	0.71	0.01	0.00	18.59	2.00	0.00	0.70	0.01	0.00
18.60	2.00	0.00	0.70	0.01	0.00	18.61	2.00	0.00	0.69	0.01	0.00
18.62	2.00	0.00	0.69	0.01	0.00	18.63	2.00	0.00	0.69	0.01	0.00
18.64	2.00	0.00	0.68	0.01	0.00	18.65	2.00	0.00	0.68	0.01	0.00
18.66	2.00	0.00	0.67	0.01	0.00	18.67	2.00	0.00	0.66	0.01	0.00
18.68	2.00	0.00	0.66	0.01	0.00	18.69	2.00	0.00	0.65	0.01	0.00
18.70	2.00	0.00	0.65	0.01	0.00	18.71	2.00	0.00	0.65	0.01	0.00
18.72	2.00	0.00	0.64	0.01	0.00	18.73	2.00	0.00	0.64	0.01	0.00
18.74	2.00	0.00	0.63	0.01	0.00	18.75	2.00	0.00	0.63	0.01	0.00
18.76	2.00	0.00	0.62	0.01	0.00	18.77	2.00	0.00	0.61	0.01	0.00
18.78	2.00	0.00	0.61	0.01	0.00	18.79	2.00	0.00	0.60	0.01	0.00
18.80	2.00	0.00	0.60	0.01	0.00	18.81	2.00	0.00	0.60	0.01	0.00
18.82	2.00	0.00	0.59	0.01	0.00	18.83	2.00	0.00	0.59	0.01	0.00
18.84	2.00	0.00	0.58	0.01	0.00	18.85	2.00	0.00	0.57	0.01	0.00
18.86	2.00	0.00	0.57	0.01	0.00	18.87	2.00	0.00	0.56	0.01	0.00
18.88	2.00	0.00	0.56	0.01	0.00	18.89	2.00	0.00	0.56	0.01	0.00
18.90	2.00	0.00	0.55	0.01	0.00	18.91	2.00	0.00	0.55	0.01	0.00
18.92	2.00	0.00	0.54	0.01	0.00	18.93	2.00	0.00	0.54	0.01	0.00
18.94	2.00	0.00	0.53	0.01	0.00	18.95	2.00	0.00	0.53	0.01	0.00
18.96	2.00	0.00	0.52	0.01	0.00	18.97	2.00	0.00	0.52	0.01	0.00
18.98	2.00	0.00	0.51	0.01	0.00	18.99	2.00	0.00	0.51	0.01	0.00
19.00	2.00	0.00	0.50	0.01	0.00	19.01	2.00	0.00	0.49	0.01	0.00
19.02	2.00	0.00	0.49	0.01	0.00	19.03	2.00	0.00	0.48	0.01	0.00
19.04	2.00	0.00	0.48	0.01	0.00	19.05	2.00	0.00	0.47	0.01	0.00
19.06	2.00	0.00	0.47	0.01	0.00	19.07	2.00	0.00	0.47	0.01	0.00
19.08	2.00	0.00	0.46	0.01	0.00	19.09	2.00	0.00	0.46	0.01	0.00
19.10	2.00	0.00	0.45	0.01	0.00	19.11	2.00	0.00	0.45	0.01	0.00
19.12	2.00	0.00	0.44	0.01	0.00	19.13	2.00	0.00	0.43	0.01	0.00
19.14	2.00	0.00	0.43	0.01	0.00	19.15	2.00	0.00	0.43	0.01	0.00
19.16	2.00	0.00	0.42	0.01	0.00	19.17	2.00	0.00	0.41	0.01	0.00
19.18	2.00	0.00	0.41	0.01	0.00	19.19	2.00	0.00	0.40	0.01	0.00
19.20	2.00	0.00	0.40	0.01	0.00	19.21	2.00	0.00	0.40	0.01	0.00
19.22	2.00	0.00	0.39	0.01	0.00	19.23	2.00	0.00	0.39	0.01	0.00
19.24	2.00	0.00	0.38	0.01	0.00	19.25	2.00	0.00	0.38	0.01	0.00
19.26	2.00	0.00	0.37	0.01	0.00	19.27	2.00	0.00	0.36	0.01	0.00
19.28	2.00	0.00	0.36	0.01	0.00	19.29	2.00	0.00	0.35	0.01	0.00
19.30	2.00	0.00	0.35	0.01	0.00	19.31	2.00	0.00	0.35	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.32	2.00	0.00	0.34	0.01	0.00	19.33	2.00	0.00	0.34	0.01	0.00
19.34	2.00	0.00	0.33	0.01	0.00	19.35	2.00	0.00	0.32	0.01	0.00
19.36	2.00	0.00	0.32	0.01	0.00	19.37	2.00	0.00	0.32	0.01	0.00
19.38	2.00	0.00	0.31	0.01	0.00	19.39	2.00	0.00	0.30	0.01	0.00
19.40	2.00	0.00	0.30	0.01	0.00	19.41	2.00	0.00	0.29	0.01	0.00
19.42	2.00	0.00	0.29	0.01	0.00	19.43	2.00	0.00	0.28	0.01	0.00
19.44	2.00	0.00	0.28	0.01	0.00	19.45	2.00	0.00	0.28	0.01	0.00
19.46	2.00	0.00	0.27	0.01	0.00	19.47	2.00	0.00	0.27	0.01	0.00
19.48	2.00	0.00	0.26	0.01	0.00	19.49	2.00	0.00	0.26	0.01	0.00
19.50	2.00	0.00	0.25	0.01	0.00	19.51	2.00	0.00	0.24	0.01	0.00
19.52	2.00	0.00	0.24	0.01	0.00	19.53	2.00	0.00	0.23	0.01	0.00
19.54	2.00	0.00	0.23	0.01	0.00	19.55	2.00	0.00	0.23	0.01	0.00
19.56	2.00	0.00	0.22	0.01	0.00	19.57	2.00	0.00	0.21	0.01	0.00
19.58	2.00	0.00	0.21	0.01	0.00	19.59	2.00	0.00	0.20	0.01	0.00
19.60	2.00	0.00	0.20	0.01	0.00	19.61	2.00	0.00	0.20	0.01	0.00
19.62	2.00	0.00	0.19	0.01	0.00	19.63	2.00	0.00	0.18	0.01	0.00
19.64	2.00	0.00	0.18	0.01	0.00	19.65	2.00	0.00	0.18	0.01	0.00
19.66	2.00	0.00	0.17	0.01	0.00	19.67	2.00	0.00	0.16	0.01	0.00
19.68	2.00	0.00	0.16	0.01	0.00	19.69	2.00	0.00	0.15	0.01	0.00
19.70	2.00	0.00	0.15	0.01	0.00	19.71	2.00	0.00	0.14	0.01	0.00
19.72	2.00	0.00	0.14	0.01	0.00	19.73	2.00	0.00	0.14	0.01	0.00
19.74	2.00	0.00	0.13	0.01	0.00	19.75	2.00	0.00	0.13	0.01	0.00
19.76	2.00	0.00	0.12	0.01	0.00	19.77	2.00	0.00	0.12	0.01	0.00
19.78	2.00	0.00	0.11	0.01	0.00	19.79	2.00	0.00	0.10	0.01	0.00
19.80	2.00	0.00	0.10	0.01	0.00	19.81	2.00	0.00	0.10	0.01	0.00
19.82	2.00	0.00	0.09	0.01	0.00	19.83	2.00	0.00	0.09	0.01	0.00
19.84	2.00	0.00	0.08	0.01	0.00	19.85	2.00	0.00	0.07	0.01	0.00
19.86	2.00	0.00	0.07	0.01	0.00	19.87	2.00	0.00	0.06	0.01	0.00
19.88	2.00	0.00	0.06	0.01	0.00	19.89	2.00	0.00	0.05	0.01	0.00
19.90	2.00	0.00	0.05	0.01	0.00	19.91	2.00	0.00	0.04	0.01	0.00
19.92	2.00	0.00	0.04	0.01	0.00	19.93	2.00	0.00	0.04	0.01	0.00
19.94	2.00	0.00	0.03	0.01	0.00	19.95	2.00	0.00	0.03	0.01	0.00
19.96	2.00	0.00	0.02	0.01	0.00	19.97	2.00	0.00	0.02	0.01	0.00
19.98	2.00	0.00	0.01	0.01	0.00	19.99	2.00	0.00	0.01	0.01	0.00
20.00	2.00	0.00	0.00	0.01	0.00	20.01	2.00	0.00	0.00	0.00	0.00
20.02	2.00	0.00	0.00	0.00	0.00	20.03	2.00	0.00	0.00	0.00	0.00
20.04	2.00	0.00	0.00	0.00	0.00	20.05	2.00	0.00	0.00	0.00	0.00
20.06	2.00	0.00	0.00	0.00	0.00	20.07	2.00	0.00	0.00	0.00	0.00
20.08	2.00	0.00	0.00	0.00	0.00	20.09	2.00	0.00	0.00	0.00	0.00
20.10	2.00	0.00	0.00	0.00	0.00	20.11	2.00	0.00	0.00	0.00	0.00
20.12	2.00	0.00	0.00	0.00	0.00	20.13	2.00	0.00	0.00	0.00	0.00
20.14	2.00	0.00	0.00	0.00	0.00	20.15	2.00	0.00	0.00	0.00	0.00
20.16	2.00	0.00	0.00	0.00	0.00	20.17	2.00	0.00	0.00	0.00	0.00
20.18	2.00	0.00	0.00	0.00	0.00	20.19	2.00	0.00	0.00	0.00	0.00
20.20	2.00	0.00	0.00	0.00	0.00	20.21	2.00	0.00	0.00	0.00	0.00
20.22	2.00	0.00	0.00	0.00	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
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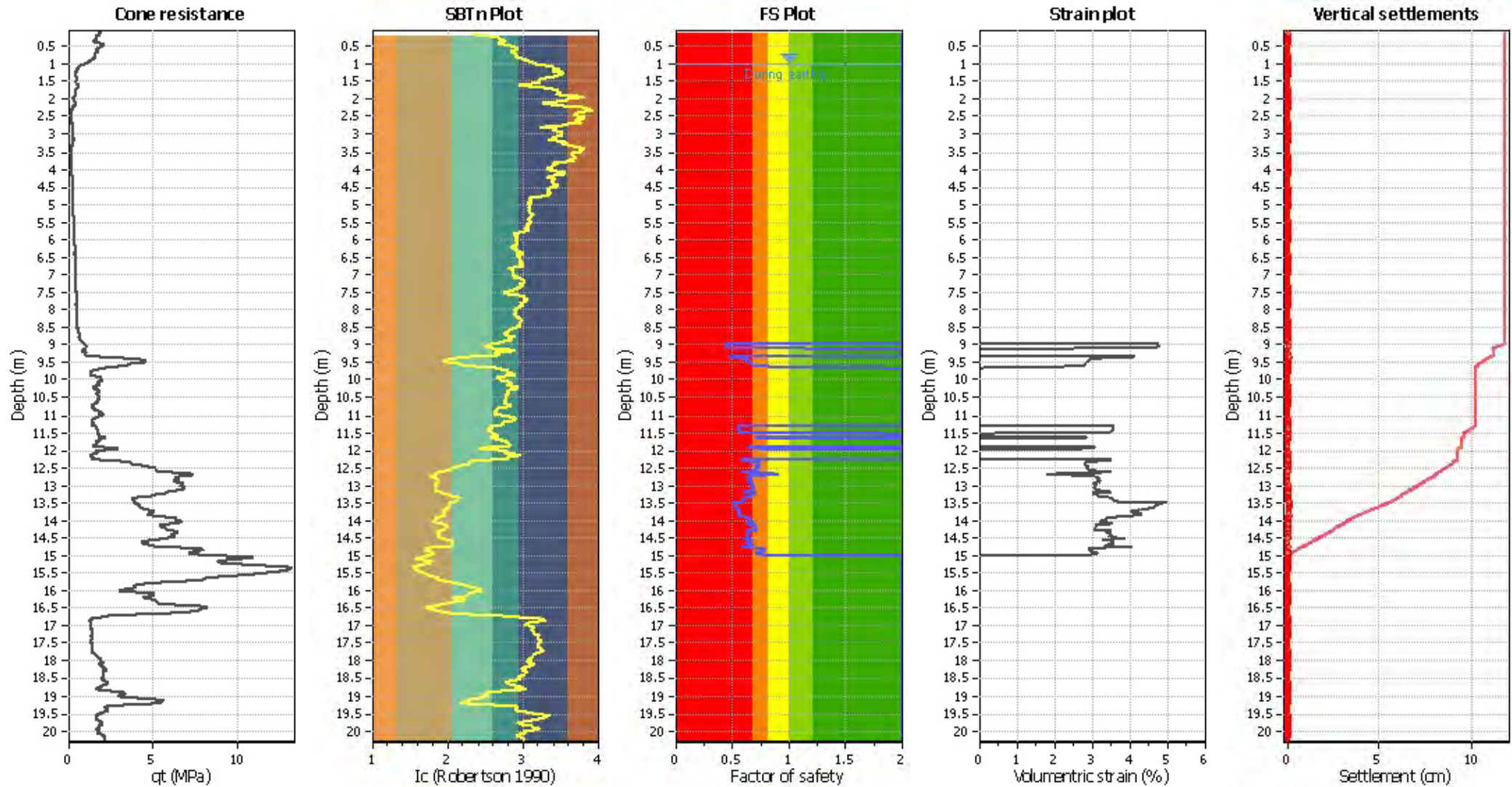
**Overall liquefaction potential: 4.51**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	134.59	2.00	0.00	1.00	0.00	1.01	132.80	2.00	0.00	1.00	0.00
1.02	131.17	2.00	0.00	1.00	0.00	1.03	128.87	2.00	0.00	1.00	0.00
1.04	126.61	2.00	0.00	1.00	0.00	1.05	124.40	2.00	0.00	1.00	0.00
1.06	123.09	2.00	0.00	1.00	0.00	1.07	121.70	2.00	0.00	1.00	0.00
1.08	119.65	2.00	0.00	1.00	0.00	1.09	117.50	2.00	0.00	1.00	0.00
1.10	115.28	2.00	0.00	1.00	0.00	1.11	113.58	2.00	0.00	1.00	0.00
1.12	111.61	2.00	0.00	1.00	0.00	1.13	109.09	2.00	0.00	1.00	0.00
1.14	106.60	2.00	0.00	1.00	0.00	1.15	104.41	2.00	0.00	1.00	0.00
1.16	102.99	2.00	0.00	1.00	0.00	1.17	101.74	2.00	0.00	1.00	0.00
1.18	99.72	2.00	0.00	1.00	0.00	1.19	97.31	2.00	0.00	1.00	0.00
1.20	94.53	2.00	0.00	1.00	0.00	1.21	92.51	2.00	0.00	1.00	0.00
1.22	90.91	2.00	0.00	1.00	0.00	1.23	89.41	2.00	0.00	1.00	0.00
1.24	88.03	2.00	0.00	1.00	0.00	1.25	87.03	2.00	0.00	1.00	0.00
1.26	86.02	2.00	0.00	1.00	0.00	1.27	85.08	2.00	0.00	1.00	0.00
1.28	83.89	2.00	0.00	1.00	0.00	1.29	83.15	2.00	0.00	1.00	0.00
1.30	82.56	2.00	0.00	1.00	0.00	1.31	81.61	2.00	0.00	1.00	0.00
1.32	80.43	2.00	0.00	1.00	0.00	1.33	79.13	2.00	0.00	1.00	0.00
1.34	78.36	2.00	0.00	1.00	0.00	1.35	77.81	2.00	0.00	1.00	0.00
1.36	77.13	2.00	0.00	1.00	0.00	1.37	76.18	2.00	0.00	1.00	0.00
1.38	75.00	2.00	0.00	1.00	0.00	1.39	74.01	2.00	0.00	1.00	0.00
1.40	72.93	2.00	0.00	1.00	0.00	1.41	71.48	2.00	0.00	1.00	0.00
1.42	69.93	2.00	0.00	1.00	0.00	1.43	68.36	2.00	0.00	1.00	0.00
1.44	67.30	2.00	0.00	1.00	0.00	1.45	66.07	2.00	0.00	1.00	0.00
1.46	64.36	2.00	0.00	1.00	0.00	1.47	62.61	2.00	0.00	1.00	0.00
1.48	61.19	2.00	0.00	1.00	0.00	1.49	60.55	2.00	0.00	1.00	0.00
1.50	59.99	2.00	0.00	1.00	0.00	1.51	59.22	2.00	0.00	1.00	0.00
1.52	58.60	2.00	0.00	1.00	0.00	1.53	58.19	2.00	0.00	1.00	0.00
1.54	58.17	2.00	0.00	1.00	0.00	1.55	58.04	2.00	0.00	1.00	0.00
1.56	57.71	2.00	0.00	1.00	0.00	1.57	57.34	2.00	0.00	1.00	0.00
1.58	57.31	2.00	0.00	1.00	0.00	1.59	57.58	2.00	0.00	1.00	0.00
1.60	58.23	2.00	0.00	1.00	0.00	1.61	59.22	2.00	0.00	1.00	0.00
1.62	60.78	2.00	0.00	1.00	0.00	1.63	62.71	2.00	0.00	1.00	0.00
1.64	65.08	2.00	0.00	1.00	0.00	1.65	67.43	2.00	0.00	1.00	0.00
1.66	69.72	2.00	0.00	1.00	0.00	1.67	72.12	2.00	0.00	1.00	0.00
1.68	74.29	2.00	0.00	1.00	0.00	1.69	76.28	2.00	0.00	1.00	0.00
1.70	77.68	2.00	0.00	1.00	0.00	1.71	78.90	2.00	0.00	1.00	0.00
1.72	80.33	2.00	0.00	1.00	0.00	1.73	81.50	2.00	0.00	1.00	0.00
1.74	82.58	2.00	0.00	1.00	0.00	1.75	82.93	2.00	0.00	1.00	0.00
1.76	83.03	2.00	0.00	1.00	0.00	1.77	82.88	2.00	0.00	1.00	0.00
1.78	82.73	2.00	0.00	1.00	0.00	1.79	83.70	2.00	0.00	1.00	0.00
1.80	84.61	2.00	0.00	1.00	0.00	1.81	85.36	2.00	0.00	1.00	0.00
1.82	85.14	2.00	0.00	1.00	0.00	1.83	85.12	2.00	0.00	1.00	0.00
1.84	85.42	2.00	0.00	1.00	0.00	1.85	85.91	2.00	0.00	1.00	0.00
1.86	86.24	2.00	0.00	1.00	0.00	1.87	86.14	2.00	0.00	1.00	0.00
1.88	85.38	2.00	0.00	1.00	0.00	1.89	84.01	2.00	0.00	1.00	0.00
1.90	82.21	2.00	0.00	1.00	0.00	1.91	78.99	2.00	0.00	1.00	0.00
1.92	75.53	2.00	0.00	1.00	0.00	1.93	71.82	2.00	0.00	1.00	0.00
1.94	70.23	2.00	0.00	1.00	0.00	1.95	68.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	67.70	2.00	0.00	1.00	0.00	1.97	66.83	2.00	0.00	1.00	0.00
1.98	66.36	2.00	0.00	1.00	0.00	1.99	65.26	2.00	0.00	1.00	0.00
2.00	63.67	2.00	0.00	1.00	0.00	2.01	61.95	2.00	0.00	1.00	0.00
2.02	60.98	2.00	0.00	1.00	0.00	2.03	60.24	2.00	0.00	1.00	0.00
2.04	59.90	2.00	0.00	1.00	0.00	2.05	59.88	2.00	0.00	1.00	0.00
2.06	60.32	2.00	0.00	1.00	0.00	2.07	61.09	2.00	0.00	1.00	0.00
2.08	61.86	2.00	0.00	1.00	0.00	2.09	62.88	2.00	0.00	1.00	0.00
2.10	63.86	2.00	0.00	1.00	0.00	2.11	65.13	2.00	0.00	1.00	0.00
2.12	66.32	2.00	0.00	1.00	0.00	2.13	67.53	2.00	0.00	1.00	0.00
2.14	68.40	2.00	0.00	1.00	0.00	2.15	69.25	2.00	0.00	1.00	0.00
2.16	69.57	2.00	0.00	1.00	0.00	2.17	69.37	2.00	0.00	1.00	0.00
2.18	68.71	2.00	0.00	1.00	0.00	2.19	67.12	2.00	0.00	1.00	0.00
2.20	64.98	2.00	0.00	1.00	0.00	2.21	62.45	2.00	0.00	1.00	0.00
2.22	60.62	2.00	0.00	1.00	0.00	2.23	59.42	2.00	0.00	1.00	0.00
2.24	58.17	2.00	0.00	1.00	0.00	2.25	56.38	2.00	0.00	1.00	0.00
2.26	54.30	2.00	0.00	1.00	0.00	2.27	52.00	2.00	0.00	1.00	0.00
2.28	49.69	2.00	0.00	1.00	0.00	2.29	46.97	2.00	0.00	1.00	0.00
2.30	44.17	2.00	0.00	1.00	0.00	2.31	42.14	2.00	0.00	1.00	0.00
2.32	40.22	2.00	0.00	1.00	0.00	2.33	39.20	2.00	0.00	1.00	0.00
2.34	38.11	2.00	0.00	1.00	0.00	2.35	37.52	2.00	0.00	1.00	0.00
2.36	36.63	2.00	0.00	1.00	0.00	2.37	35.93	2.00	0.00	1.00	0.00
2.38	35.41	2.00	0.00	1.00	0.00	2.39	35.28	2.00	0.00	1.00	0.00
2.40	35.26	2.00	0.00	1.00	0.00	2.41	35.15	2.00	0.00	1.00	0.00
2.42	35.23	2.00	0.00	1.00	0.00	2.43	35.28	2.00	0.00	1.00	0.00
2.44	35.10	2.00	0.00	1.00	0.00	2.45	34.82	2.00	0.00	1.00	0.00
2.46	34.55	2.00	0.00	1.00	0.00	2.47	34.50	2.00	0.00	1.00	0.00
2.48	34.42	2.00	0.00	1.00	0.00	2.49	34.39	2.00	0.00	1.00	0.00
2.50	34.65	2.00	0.00	1.00	0.00	2.51	34.92	2.00	0.00	1.00	0.00
2.52	34.99	2.00	0.00	1.00	0.00	2.53	34.91	2.00	0.00	1.00	0.00
2.54	34.70	2.00	0.00	1.00	0.00	2.55	34.98	2.00	0.00	1.00	0.00
2.56	35.21	2.00	0.00	1.00	0.00	2.57	35.77	2.00	0.00	1.00	0.00
2.58	35.94	2.00	0.00	1.00	0.00	2.59	36.17	2.00	0.00	1.00	0.00
2.60	35.69	2.00	0.00	1.00	0.00	2.61	35.21	2.00	0.00	1.00	0.00
2.62	34.78	2.00	0.00	1.00	0.00	2.63	34.73	2.00	0.00	1.00	0.00
2.64	34.21	2.00	0.00	1.00	0.00	2.65	33.67	2.00	0.00	1.00	0.00
2.66	33.62	2.00	0.00	1.00	0.00	2.67	34.35	2.00	0.00	1.00	0.00
2.68	35.33	2.00	0.00	1.00	0.00	2.69	35.85	2.00	0.00	1.00	0.00
2.70	36.36	2.00	0.00	1.00	0.00	2.71	36.58	2.00	0.00	1.00	0.00
2.72	36.80	2.00	0.00	1.00	0.00	2.73	36.94	2.00	0.00	1.00	0.00
2.74	37.23	2.00	0.00	1.00	0.00	2.75	37.45	2.00	0.00	1.00	0.00
2.76	37.54	2.00	0.00	1.00	0.00	2.77	37.51	2.00	0.00	1.00	0.00
2.78	35.36	2.00	0.00	1.00	0.00	2.79	32.89	2.00	0.00	1.00	0.00
2.80	30.32	2.00	0.00	1.00	0.00	2.81	31.75	2.00	0.00	1.00	0.00
2.82	32.97	2.00	0.00	1.00	0.00	2.83	33.82	2.00	0.00	1.00	0.00
2.84	34.72	2.00	0.00	1.00	0.00	2.85	35.72	2.00	0.00	1.00	0.00
2.86	36.72	2.00	0.00	1.00	0.00	2.87	37.76	2.00	0.00	1.00	0.00
2.88	38.69	2.00	0.00	1.00	0.00	2.89	39.64	2.00	0.00	1.00	0.00
2.90	40.47	2.00	0.00	1.00	0.00	2.91	41.28	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.78	2.00	0.00	1.00	0.00	2.93	42.00	2.00	0.00	1.00	0.00
2.94	42.25	2.00	0.00	1.00	0.00	2.95	42.53	2.00	0.00	1.00	0.00
2.96	42.82	2.00	0.00	1.00	0.00	2.97	42.70	2.00	0.00	1.00	0.00
2.98	42.62	2.00	0.00	1.00	0.00	2.99	42.58	2.00	0.00	1.00	0.00
3.00	42.63	2.00	0.00	1.00	0.00	3.01	42.64	2.00	0.00	1.00	0.00
3.02	42.70	2.00	0.00	1.00	0.00	3.03	42.72	2.00	0.00	1.00	0.00
3.04	42.58	2.00	0.00	1.00	0.00	3.05	42.23	2.00	0.00	1.00	0.00
3.06	42.18	2.00	0.00	1.00	0.00	3.07	42.23	2.00	0.00	1.00	0.00
3.08	42.52	2.00	0.00	1.00	0.00	3.09	42.62	2.00	0.00	1.00	0.00
3.10	42.79	2.00	0.00	1.00	0.00	3.11	42.94	2.00	0.00	1.00	0.00
3.12	43.23	2.00	0.00	1.00	0.00	3.13	43.67	2.00	0.00	1.00	0.00
3.14	44.13	2.00	0.00	1.00	0.00	3.15	44.48	2.00	0.00	1.00	0.00
3.16	44.86	2.00	0.00	1.00	0.00	3.17	45.31	2.00	0.00	1.00	0.00
3.18	45.83	2.00	0.00	1.00	0.00	3.19	46.21	2.00	0.00	1.00	0.00
3.20	45.97	2.00	0.00	1.00	0.00	3.21	45.52	2.00	0.00	1.00	0.00
3.22	44.72	2.00	0.00	1.00	0.00	3.23	44.02	2.00	0.00	1.00	0.00
3.24	43.28	2.00	0.00	1.00	0.00	3.25	43.08	2.00	0.00	1.00	0.00
3.26	42.98	2.00	0.00	1.00	0.00	3.27	42.98	2.00	0.00	1.00	0.00
3.28	42.27	2.00	0.00	1.00	0.00	3.29	41.22	2.00	0.00	1.00	0.00
3.30	39.80	2.00	0.00	1.00	0.00	3.31	38.12	2.00	0.00	1.00	0.00
3.32	36.84	2.00	0.00	1.00	0.00	3.33	35.81	2.00	0.00	1.00	0.00
3.34	35.33	2.00	0.00	1.00	0.00	3.35	34.88	2.00	0.00	1.00	0.00
3.36	34.23	2.00	0.00	1.00	0.00	3.37	33.87	2.00	0.00	1.00	0.00
3.38	33.42	2.00	0.00	1.00	0.00	3.39	32.81	2.00	0.00	1.00	0.00
3.40	32.13	2.00	0.00	1.00	0.00	3.41	31.23	2.00	0.00	1.00	0.00
3.42	30.62	2.00	0.00	1.00	0.00	3.43	29.93	2.00	0.00	1.00	0.00
3.44	29.40	2.00	0.00	1.00	0.00	3.45	28.90	2.00	0.00	1.00	0.00
3.46	28.09	2.00	0.00	1.00	0.00	3.47	27.29	2.00	0.00	1.00	0.00
3.48	26.48	2.00	0.00	1.00	0.00	3.49	25.99	2.00	0.00	1.00	0.00
3.50	25.51	2.00	0.00	1.00	0.00	3.51	25.43	2.00	0.00	1.00	0.00
3.52	25.45	2.00	0.00	1.00	0.00	3.53	25.55	2.00	0.00	1.00	0.00
3.54	25.38	2.00	0.00	1.00	0.00	3.55	25.27	2.00	0.00	1.00	0.00
3.56	25.23	2.00	0.00	1.00	0.00	3.57	25.25	2.00	0.00	1.00	0.00
3.58	25.31	2.00	0.00	1.00	0.00	3.59	25.32	2.00	0.00	1.00	0.00
3.60	25.44	2.00	0.00	1.00	0.00	3.61	25.58	2.00	0.00	1.00	0.00
3.62	25.75	2.00	0.00	1.00	0.00	3.63	25.80	2.00	0.00	1.00	0.00
3.64	25.42	2.00	0.00	1.00	0.00	3.65	25.44	2.00	0.00	1.00	0.00
3.66	25.58	2.00	0.00	1.00	0.00	3.67	26.09	2.00	0.00	1.00	0.00
3.68	26.17	2.00	0.00	1.00	0.00	3.69	26.13	2.00	0.00	1.00	0.00
3.70	26.36	2.00	0.00	1.00	0.00	3.71	26.57	2.00	0.00	1.00	0.00
3.72	26.77	2.00	0.00	1.00	0.00	3.73	26.37	2.00	0.00	1.00	0.00
3.74	25.89	2.00	0.00	1.00	0.00	3.75	25.46	2.00	0.00	1.00	0.00
3.76	25.42	2.00	0.00	1.00	0.00	3.77	25.45	2.00	0.00	1.00	0.00
3.78	23.97	2.00	0.00	1.00	0.00	3.79	22.16	2.00	0.00	1.00	0.00
3.80	19.92	2.00	0.00	1.00	0.00	3.81	20.73	2.00	0.00	1.00	0.00
3.82	21.39	2.00	0.00	1.00	0.00	3.83	21.73	2.00	0.00	1.00	0.00
3.84	21.89	2.00	0.00	1.00	0.00	3.85	21.89	2.00	0.00	1.00	0.00
3.86	21.99	2.00	0.00	1.00	0.00	3.87	22.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	22.05	2.00	0.00	1.00	0.00	3.89	21.92	2.00	0.00	1.00	0.00
3.90	21.81	2.00	0.00	1.00	0.00	3.91	21.81	2.00	0.00	1.00	0.00
3.92	21.43	2.00	0.00	1.00	0.00	3.93	20.89	2.00	0.00	1.00	0.00
3.94	20.46	2.00	0.00	1.00	0.00	3.95	20.62	2.00	0.00	1.00	0.00
3.96	21.04	2.00	0.00	1.00	0.00	3.97	21.45	2.00	0.00	1.00	0.00
3.98	21.85	2.00	0.00	1.00	0.00	3.99	22.12	2.00	0.00	1.00	0.00
4.00	22.66	2.00	0.00	1.00	0.00	4.01	23.17	2.00	0.00	1.00	0.00
4.02	23.90	2.00	0.00	1.00	0.00	4.03	24.26	2.00	0.00	1.00	0.00
4.04	24.67	2.00	0.00	1.00	0.00	4.05	24.67	2.00	0.00	1.00	0.00
4.06	24.61	2.00	0.00	1.00	0.00	4.07	24.36	2.00	0.00	1.00	0.00
4.08	24.27	2.00	0.00	1.00	0.00	4.09	24.15	2.00	0.00	1.00	0.00
4.10	23.97	2.00	0.00	1.00	0.00	4.11	23.71	2.00	0.00	1.00	0.00
4.12	23.53	2.00	0.00	1.00	0.00	4.13	23.22	2.00	0.00	1.00	0.00
4.14	23.22	2.00	0.00	1.00	0.00	4.15	23.10	2.00	0.00	1.00	0.00
4.16	23.23	2.00	0.00	1.00	0.00	4.17	23.00	2.00	0.00	1.00	0.00
4.18	22.72	2.00	0.00	1.00	0.00	4.19	22.31	2.00	0.00	1.00	0.00
4.20	22.12	2.00	0.00	1.00	0.00	4.21	22.27	2.00	0.00	1.00	0.00
4.22	22.52	2.00	0.00	1.00	0.00	4.23	22.76	2.00	0.00	1.00	0.00
4.24	23.07	2.00	0.00	1.00	0.00	4.25	23.35	2.00	0.00	1.00	0.00
4.26	23.82	2.00	0.00	1.00	0.00	4.27	24.12	2.00	0.00	1.00	0.00
4.28	24.35	2.00	0.00	1.00	0.00	4.29	24.61	2.00	0.00	1.00	0.00
4.30	24.81	2.00	0.00	1.00	0.00	4.31	25.01	2.00	0.00	1.00	0.00
4.32	24.92	2.00	0.00	1.00	0.00	4.33	24.91	2.00	0.00	1.00	0.00
4.34	25.01	2.00	0.00	1.00	0.00	4.35	25.34	2.00	0.00	1.00	0.00
4.36	25.53	2.00	0.00	1.00	0.00	4.37	25.62	2.00	0.00	1.00	0.00
4.38	25.56	2.00	0.00	1.00	0.00	4.39	25.50	2.00	0.00	1.00	0.00
4.40	25.36	2.00	0.00	1.00	0.00	4.41	25.27	2.00	0.00	1.00	0.00
4.42	25.26	2.00	0.00	1.00	0.00	4.43	25.27	2.00	0.00	1.00	0.00
4.44	25.23	2.00	0.00	1.00	0.00	4.45	25.05	2.00	0.00	1.00	0.00
4.46	25.04	2.00	0.00	1.00	0.00	4.47	25.08	2.00	0.00	1.00	0.00
4.48	25.16	2.00	0.00	1.00	0.00	4.49	25.03	2.00	0.00	1.00	0.00
4.50	24.80	2.00	0.00	1.00	0.00	4.51	24.38	2.00	0.00	1.00	0.00
4.52	23.91	2.00	0.00	1.00	0.00	4.53	23.39	2.00	0.00	1.00	0.00
4.54	22.92	2.00	0.00	1.00	0.00	4.55	22.73	2.00	0.00	1.00	0.00
4.56	22.65	2.00	0.00	1.00	0.00	4.57	22.70	2.00	0.00	1.00	0.00
4.58	22.83	2.00	0.00	1.00	0.00	4.59	23.00	2.00	0.00	1.00	0.00
4.60	23.54	2.00	0.00	1.00	0.00	4.61	23.95	2.00	0.00	1.00	0.00
4.62	24.25	2.00	0.00	1.00	0.00	4.63	24.20	2.00	0.00	1.00	0.00
4.64	24.31	2.00	0.00	1.00	0.00	4.65	24.52	2.00	0.00	1.00	0.00
4.66	24.79	2.00	0.00	1.00	0.00	4.67	25.18	2.00	0.00	1.00	0.00
4.68	25.52	2.00	0.00	1.00	0.00	4.69	25.64	2.00	0.00	1.00	0.00
4.70	25.30	2.00	0.00	1.00	0.00	4.71	24.86	2.00	0.00	1.00	0.00
4.72	24.44	2.00	0.00	1.00	0.00	4.73	24.23	2.00	0.00	1.00	0.00
4.74	24.06	2.00	0.00	1.00	0.00	4.75	24.00	2.00	0.00	1.00	0.00
4.76	23.95	2.00	0.00	1.00	0.00	4.77	23.94	2.00	0.00	1.00	0.00
4.78	22.74	2.00	0.00	1.00	0.00	4.79	21.12	2.00	0.00	1.00	0.00
4.80	19.19	2.00	0.00	1.00	0.00	4.81	19.26	2.00	0.00	1.00	0.00
4.82	19.45	2.00	0.00	1.00	0.00	4.83	19.60	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	19.58	2.00	0.00	1.00	0.00	4.85	19.66	2.00	0.00	1.00	0.00
4.86	19.76	2.00	0.00	1.00	0.00	4.87	19.86	2.00	0.00	1.00	0.00
4.88	20.14	2.00	0.00	1.00	0.00	4.89	20.40	2.00	0.00	1.00	0.00
4.90	20.66	2.00	0.00	1.00	0.00	4.91	20.66	2.00	0.00	1.00	0.00
4.92	20.39	2.00	0.00	1.00	0.00	4.93	20.23	2.00	0.00	1.00	0.00
4.94	20.12	2.00	0.00	1.00	0.00	4.95	20.39	2.00	0.00	1.00	0.00
4.96	20.47	2.00	0.00	1.00	0.00	4.97	20.39	2.00	0.00	1.00	0.00
4.98	20.29	2.00	0.00	1.00	0.00	4.99	20.39	2.00	0.00	1.00	0.00
5.00	20.64	2.00	0.00	1.00	0.00	5.01	21.00	2.00	0.00	1.00	0.00
5.02	21.15	2.00	0.00	1.00	0.00	5.03	21.23	2.00	0.00	1.00	0.00
5.04	21.13	2.00	0.00	1.00	0.00	5.05	21.05	2.00	0.00	1.00	0.00
5.06	20.97	2.00	0.00	1.00	0.00	5.07	21.06	2.00	0.00	1.00	0.00
5.08	21.22	2.00	0.00	1.00	0.00	5.09	21.47	2.00	0.00	1.00	0.00
5.10	21.72	2.00	0.00	1.00	0.00	5.11	22.05	2.00	0.00	1.00	0.00
5.12	22.19	2.00	0.00	1.00	0.00	5.13	22.20	2.00	0.00	1.00	0.00
5.14	22.34	2.00	0.00	1.00	0.00	5.15	22.57	2.00	0.00	1.00	0.00
5.16	22.87	2.00	0.00	1.00	0.00	5.17	22.93	2.00	0.00	1.00	0.00
5.18	23.16	2.00	0.00	1.00	0.00	5.19	23.37	2.00	0.00	1.00	0.00
5.20	23.59	2.00	0.00	1.00	0.00	5.21	23.71	2.00	0.00	1.00	0.00
5.22	23.78	2.00	0.00	1.00	0.00	5.23	23.84	2.00	0.00	1.00	0.00
5.24	23.92	2.00	0.00	1.00	0.00	5.25	24.00	2.00	0.00	1.00	0.00
5.26	24.46	2.00	0.00	1.00	0.00	5.27	24.90	2.00	0.00	1.00	0.00
5.28	25.25	2.00	0.00	1.00	0.00	5.29	25.08	2.00	0.00	1.00	0.00
5.30	24.76	2.00	0.00	1.00	0.00	5.31	24.58	2.00	0.00	1.00	0.00
5.32	24.64	2.00	0.00	1.00	0.00	5.33	24.84	2.00	0.00	1.00	0.00
5.34	24.91	2.00	0.00	1.00	0.00	5.35	24.92	2.00	0.00	1.00	0.00
5.36	24.86	2.00	0.00	1.00	0.00	5.37	24.97	2.00	0.00	1.00	0.00
5.38	24.97	2.00	0.00	1.00	0.00	5.39	24.89	2.00	0.00	1.00	0.00
5.40	24.58	2.00	0.00	1.00	0.00	5.41	24.30	2.00	0.00	1.00	0.00
5.42	23.97	2.00	0.00	1.00	0.00	5.43	23.67	2.00	0.00	1.00	0.00
5.44	23.76	2.00	0.00	1.00	0.00	5.45	23.96	2.00	0.00	1.00	0.00
5.46	24.37	2.00	0.00	1.00	0.00	5.47	24.57	2.00	0.00	1.00	0.00
5.48	24.88	2.00	0.00	1.00	0.00	5.49	25.07	2.00	0.00	1.00	0.00
5.50	25.24	2.00	0.00	1.00	0.00	5.51	25.30	2.00	0.00	1.00	0.00
5.52	25.36	2.00	0.00	1.00	0.00	5.53	25.48	2.00	0.00	1.00	0.00
5.54	25.67	2.00	0.00	1.00	0.00	5.55	25.85	2.00	0.00	1.00	0.00
5.56	25.92	2.00	0.00	1.00	0.00	5.57	25.92	2.00	0.00	1.00	0.00
5.58	25.98	2.00	0.00	1.00	0.00	5.59	25.98	2.00	0.00	1.00	0.00
5.60	26.03	2.00	0.00	1.00	0.00	5.61	26.16	2.00	0.00	1.00	0.00
5.62	26.26	2.00	0.00	1.00	0.00	5.63	26.21	2.00	0.00	1.00	0.00
5.64	25.90	2.00	0.00	1.00	0.00	5.65	25.71	2.00	0.00	1.00	0.00
5.66	25.58	2.00	0.00	1.00	0.00	5.67	25.51	2.00	0.00	1.00	0.00
5.68	25.39	2.00	0.00	1.00	0.00	5.69	25.58	2.00	0.00	1.00	0.00
5.70	25.77	2.00	0.00	1.00	0.00	5.71	25.96	2.00	0.00	1.00	0.00
5.72	26.14	2.00	0.00	1.00	0.00	5.73	26.43	2.00	0.00	1.00	0.00
5.74	26.70	2.00	0.00	1.00	0.00	5.75	26.75	2.00	0.00	1.00	0.00
5.76	26.75	2.00	0.00	1.00	0.00	5.77	25.06	2.00	0.00	1.00	0.00
5.78	23.08	2.00	0.00	1.00	0.00	5.79	21.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.40	2.00	0.00	1.00	0.00	5.81	21.43	2.00	0.00	1.00	0.00
5.82	21.47	2.00	0.00	1.00	0.00	5.83	21.57	2.00	0.00	1.00	0.00
5.84	21.66	2.00	0.00	1.00	0.00	5.85	21.71	2.00	0.00	1.00	0.00
5.86	21.83	2.00	0.00	1.00	0.00	5.87	22.04	2.00	0.00	1.00	0.00
5.88	22.32	2.00	0.00	1.00	0.00	5.89	22.45	2.00	0.00	1.00	0.00
5.90	22.60	2.00	0.00	1.00	0.00	5.91	22.69	2.00	0.00	1.00	0.00
5.92	22.78	2.00	0.00	1.00	0.00	5.93	22.69	2.00	0.00	1.00	0.00
5.94	22.65	2.00	0.00	1.00	0.00	5.95	22.61	2.00	0.00	1.00	0.00
5.96	22.75	2.00	0.00	1.00	0.00	5.97	22.90	2.00	0.00	1.00	0.00
5.98	23.06	2.00	0.00	1.00	0.00	5.99	23.12	2.00	0.00	1.00	0.00
6.00	23.19	2.00	0.00	1.00	0.00	6.01	23.25	2.00	0.00	1.00	0.00
6.02	23.40	2.00	0.00	1.00	0.00	6.03	23.49	2.00	0.00	1.00	0.00
6.04	23.58	2.00	0.00	1.00	0.00	6.05	23.58	2.00	0.00	1.00	0.00
6.06	23.58	2.00	0.00	1.00	0.00	6.07	23.64	2.00	0.00	1.00	0.00
6.08	23.84	2.00	0.00	1.00	0.00	6.09	24.03	2.00	0.00	1.00	0.00
6.10	24.09	2.00	0.00	1.00	0.00	6.11	23.96	2.00	0.00	1.00	0.00
6.12	23.84	2.00	0.00	1.00	0.00	6.13	23.62	2.00	0.00	1.00	0.00
6.14	23.51	2.00	0.00	1.00	0.00	6.15	23.55	2.00	0.00	1.00	0.00
6.16	23.72	2.00	0.00	1.00	0.00	6.17	23.77	2.00	0.00	1.00	0.00
6.18	23.66	2.00	0.00	1.00	0.00	6.19	23.48	2.00	0.00	1.00	0.00
6.20	23.46	2.00	0.00	1.00	0.00	6.21	23.37	2.00	0.00	1.00	0.00
6.22	23.50	2.00	0.00	1.00	0.00	6.23	23.77	2.00	0.00	1.00	0.00
6.24	24.17	2.00	0.00	1.00	0.00	6.25	24.52	2.00	0.00	1.00	0.00
6.26	24.98	2.00	0.00	1.00	0.00	6.27	25.46	2.00	0.00	1.00	0.00
6.28	25.85	2.00	0.00	1.00	0.00	6.29	26.09	2.00	0.00	1.00	0.00
6.30	26.26	2.00	0.00	1.00	0.00	6.31	26.37	2.00	0.00	1.00	0.00
6.32	26.28	2.00	0.00	1.00	0.00	6.33	26.25	2.00	0.00	1.00	0.00
6.34	26.53	2.00	0.00	1.00	0.00	6.35	26.86	2.00	0.00	1.00	0.00
6.36	27.17	2.00	0.00	1.00	0.00	6.37	27.36	2.00	0.00	1.00	0.00
6.38	27.53	2.00	0.00	1.00	0.00	6.39	27.60	2.00	0.00	1.00	0.00
6.40	27.43	2.00	0.00	1.00	0.00	6.41	27.24	2.00	0.00	1.00	0.00
6.42	26.98	2.00	0.00	1.00	0.00	6.43	26.47	2.00	0.00	1.00	0.00
6.44	26.13	2.00	0.00	1.00	0.00	6.45	25.97	2.00	0.00	1.00	0.00
6.46	26.51	2.00	0.00	1.00	0.00	6.47	26.92	2.00	0.00	1.00	0.00
6.48	27.40	2.00	0.00	1.00	0.00	6.49	27.57	2.00	0.00	1.00	0.00
6.50	27.74	2.00	0.00	1.00	0.00	6.51	27.84	2.00	0.00	1.00	0.00
6.52	27.84	2.00	0.00	1.00	0.00	6.53	27.76	2.00	0.00	1.00	0.00
6.54	27.68	2.00	0.00	1.00	0.00	6.55	27.78	2.00	0.00	1.00	0.00
6.56	28.08	2.00	0.00	1.00	0.00	6.57	28.32	2.00	0.00	1.00	0.00
6.58	28.48	2.00	0.00	1.00	0.00	6.59	28.43	2.00	0.00	1.00	0.00
6.60	28.38	2.00	0.00	1.00	0.00	6.61	28.38	2.00	0.00	1.00	0.00
6.62	28.54	2.00	0.00	1.00	0.00	6.63	28.78	2.00	0.00	1.00	0.00
6.64	28.97	2.00	0.00	1.00	0.00	6.65	29.00	2.00	0.00	1.00	0.00
6.66	28.95	2.00	0.00	1.00	0.00	6.67	28.84	2.00	0.00	1.00	0.00
6.68	28.84	2.00	0.00	1.00	0.00	6.69	29.04	2.00	0.00	1.00	0.00
6.70	29.55	2.00	0.00	1.00	0.00	6.71	30.14	2.00	0.00	1.00	0.00
6.72	30.58	2.00	0.00	1.00	0.00	6.73	31.03	2.00	0.00	1.00	0.00
6.74	31.29	2.00	0.00	1.00	0.00	6.75	31.50	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	31.46	2.00	0.00	1.00	0.00	6.77	29.28	2.00	0.00	1.00	0.00
6.78	27.18	2.00	0.00	1.00	0.00	6.79	24.95	2.00	0.00	1.00	0.00
6.80	25.72	2.00	0.00	1.00	0.00	6.81	26.40	2.00	0.00	1.00	0.00
6.82	26.93	2.00	0.00	1.00	0.00	6.83	27.34	2.00	0.00	1.00	0.00
6.84	27.46	2.00	0.00	1.00	0.00	6.85	27.58	2.00	0.00	1.00	0.00
6.86	27.46	2.00	0.00	1.00	0.00	6.87	27.28	2.00	0.00	1.00	0.00
6.88	27.16	2.00	0.00	1.00	0.00	6.89	27.33	2.00	0.00	1.00	0.00
6.90	27.51	2.00	0.00	1.00	0.00	6.91	27.63	2.00	0.00	1.00	0.00
6.92	27.63	2.00	0.00	1.00	0.00	6.93	27.63	2.00	0.00	1.00	0.00
6.94	27.62	2.00	0.00	1.00	0.00	6.95	27.57	2.00	0.00	1.00	0.00
6.96	27.57	2.00	0.00	1.00	0.00	6.97	27.62	2.00	0.00	1.00	0.00
6.98	27.80	2.00	0.00	1.00	0.00	6.99	27.96	2.00	0.00	1.00	0.00
7.00	28.13	2.00	0.00	1.00	0.00	7.01	28.40	2.00	0.00	1.00	0.00
7.02	28.72	2.00	0.00	1.00	0.00	7.03	29.20	2.00	0.00	1.00	0.00
7.04	29.56	2.00	0.00	1.00	0.00	7.05	29.76	2.00	0.00	1.00	0.00
7.06	29.61	2.00	0.00	1.00	0.00	7.07	29.38	2.00	0.00	1.00	0.00
7.08	29.24	2.00	0.00	1.00	0.00	7.09	29.99	2.00	0.00	1.00	0.00
7.10	30.67	2.00	0.00	1.00	0.00	7.11	31.46	2.00	0.00	1.00	0.00
7.12	32.04	2.00	0.00	1.00	0.00	7.13	32.77	2.00	0.00	1.00	0.00
7.14	33.28	2.00	0.00	1.00	0.00	7.15	33.43	2.00	0.00	1.00	0.00
7.16	33.40	2.00	0.00	1.00	0.00	7.17	33.24	2.00	0.00	1.00	0.00
7.18	33.02	2.00	0.00	1.00	0.00	7.19	32.92	2.00	0.00	1.00	0.00
7.20	33.12	2.00	0.00	1.00	0.00	7.21	33.44	2.00	0.00	1.00	0.00
7.22	33.65	2.00	0.00	1.00	0.00	7.23	33.35	2.00	0.00	1.00	0.00
7.24	32.79	2.00	0.00	1.00	0.00	7.25	32.03	2.00	0.00	1.00	0.00
7.26	31.62	2.00	0.00	1.00	0.00	7.27	31.27	2.00	0.00	1.00	0.00
7.28	31.11	2.00	0.00	1.00	0.00	7.29	31.12	2.00	0.00	1.00	0.00
7.30	31.23	2.00	0.00	1.00	0.00	7.31	31.20	2.00	0.00	1.00	0.00
7.32	30.99	2.00	0.00	1.00	0.00	7.33	30.69	2.00	0.00	1.00	0.00
7.34	30.34	2.00	0.00	1.00	0.00	7.35	30.06	2.00	0.00	1.00	0.00
7.36	29.98	2.00	0.00	1.00	0.00	7.37	30.15	2.00	0.00	1.00	0.00
7.38	30.25	2.00	0.00	1.00	0.00	7.39	29.95	2.00	0.00	1.00	0.00
7.40	29.62	2.00	0.00	1.00	0.00	7.41	29.02	2.00	0.00	1.00	0.00
7.42	28.60	2.00	0.00	1.00	0.00	7.43	27.84	2.00	0.00	1.00	0.00
7.44	27.23	2.00	0.00	1.00	0.00	7.45	26.58	2.00	0.00	1.00	0.00
7.46	26.13	2.00	0.00	1.00	0.00	7.47	25.95	2.00	0.00	1.00	0.00
7.48	25.97	2.00	0.00	1.00	0.00	7.49	26.37	2.00	0.00	1.00	0.00
7.50	27.10	2.00	0.00	1.00	0.00	7.51	27.90	2.00	0.00	1.00	0.00
7.52	28.54	2.00	0.00	1.00	0.00	7.53	29.18	2.00	0.00	1.00	0.00
7.54	29.63	2.00	0.00	1.00	0.00	7.55	30.80	2.00	0.00	1.00	0.00
7.56	32.01	2.00	0.00	1.00	0.00	7.57	33.62	2.00	0.00	1.00	0.00
7.58	35.24	2.00	0.00	1.00	0.00	7.59	36.67	2.00	0.00	1.00	0.00
7.60	37.92	2.00	0.00	1.00	0.00	7.61	38.75	2.00	0.00	1.00	0.00
7.62	39.43	2.00	0.00	1.00	0.00	7.63	39.89	2.00	0.00	1.00	0.00
7.64	40.04	2.00	0.00	1.00	0.00	7.65	40.05	2.00	0.00	1.00	0.00
7.66	40.19	2.00	0.00	1.00	0.00	7.67	40.48	2.00	0.00	1.00	0.00
7.68	40.85	2.00	0.00	1.00	0.00	7.69	40.92	2.00	0.00	1.00	0.00
7.70	40.73	2.00	0.00	1.00	0.00	7.71	40.26	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	39.77	2.00	0.00	1.00	0.00	7.73	39.51	2.00	0.00	1.00	0.00
7.74	39.52	2.00	0.00	1.00	0.00	7.75	39.65	2.00	0.00	1.00	0.00
7.76	39.72	2.00	0.00	1.00	0.00	7.77	38.37	2.00	0.00	1.00	0.00
7.78	37.11	2.00	0.00	1.00	0.00	7.79	35.90	2.00	0.00	1.00	0.00
7.80	36.29	2.00	0.00	1.00	0.00	7.81	36.41	2.00	0.00	1.00	0.00
7.82	36.39	2.00	0.00	1.00	0.00	7.83	36.37	2.00	0.00	1.00	0.00
7.84	36.28	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	35.72	2.00	0.00	1.00	0.00	7.87	35.30	2.00	0.00	1.00	0.00
7.88	34.88	2.00	0.00	1.00	0.00	7.89	34.62	2.00	0.00	1.00	0.00
7.90	34.36	2.00	0.00	1.00	0.00	7.91	34.09	2.00	0.00	1.00	0.00
7.92	33.68	2.00	0.00	1.00	0.00	7.93	33.35	2.00	0.00	1.00	0.00
7.94	33.15	2.00	0.00	1.00	0.00	7.95	33.12	2.00	0.00	1.00	0.00
7.96	33.14	2.00	0.00	1.00	0.00	7.97	33.10	2.00	0.00	1.00	0.00
7.98	33.07	2.00	0.00	1.00	0.00	7.99	32.99	2.00	0.00	1.00	0.00
8.00	33.00	2.00	0.00	1.00	0.00	8.01	33.26	2.00	0.00	1.00	0.00
8.02	33.74	2.00	0.00	1.00	0.00	8.03	34.29	2.00	0.00	1.00	0.00
8.04	34.67	2.00	0.00	1.00	0.00	8.05	34.90	2.00	0.00	1.00	0.00
8.06	35.07	2.00	0.00	1.00	0.00	8.07	35.19	2.00	0.00	1.00	0.00
8.08	35.39	2.00	0.00	1.00	0.00	8.09	35.59	2.00	0.00	1.00	0.00
8.10	35.87	2.00	0.00	1.00	0.00	8.11	36.11	2.00	0.00	1.00	0.00
8.12	36.57	2.00	0.00	1.00	0.00	8.13	36.94	2.00	0.00	1.00	0.00
8.14	37.26	2.00	0.00	1.00	0.00	8.15	37.18	2.00	0.00	1.00	0.00
8.16	37.03	2.00	0.00	1.00	0.00	8.17	36.88	2.00	0.00	1.00	0.00
8.18	37.03	2.00	0.00	1.00	0.00	8.19	37.36	2.00	0.00	1.00	0.00
8.20	37.76	2.00	0.00	1.00	0.00	8.21	38.00	2.00	0.00	1.00	0.00
8.22	38.19	2.00	0.00	1.00	0.00	8.23	38.45	2.00	0.00	1.00	0.00
8.24	38.75	2.00	0.00	1.00	0.00	8.25	38.99	2.00	0.00	1.00	0.00
8.26	39.12	2.00	0.00	1.00	0.00	8.27	39.20	2.00	0.00	1.00	0.00
8.28	39.39	2.00	0.00	1.00	0.00	8.29	39.72	2.00	0.00	1.00	0.00
8.30	40.05	2.00	0.00	1.00	0.00	8.31	40.22	2.00	0.00	1.00	0.00
8.32	39.93	2.00	0.00	1.00	0.00	8.33	39.47	2.00	0.00	1.00	0.00
8.34	38.94	2.00	0.00	1.00	0.00	8.35	38.60	2.00	0.00	1.00	0.00
8.36	38.40	2.00	0.00	1.00	0.00	8.37	38.29	2.00	0.00	1.00	0.00
8.38	38.20	2.00	0.00	1.00	0.00	8.39	38.10	2.00	0.00	1.00	0.00
8.40	38.04	2.00	0.00	1.00	0.00	8.41	38.04	2.00	0.00	1.00	0.00
8.42	38.07	2.00	0.00	1.00	0.00	8.43	38.06	2.00	0.00	1.00	0.00
8.44	38.06	2.00	0.00	1.00	0.00	8.45	38.09	2.00	0.00	1.00	0.00
8.46	38.10	2.00	0.00	1.00	0.00	8.47	38.06	2.00	0.00	1.00	0.00
8.48	38.03	2.00	0.00	1.00	0.00	8.49	38.05	2.00	0.00	1.00	0.00
8.50	38.01	2.00	0.00	1.00	0.00	8.51	37.73	2.00	0.00	1.00	0.00
8.52	37.45	2.00	0.00	1.00	0.00	8.53	37.09	2.00	0.00	1.00	0.00
8.54	36.73	2.00	0.00	1.00	0.00	8.55	36.37	2.00	0.00	1.00	0.00
8.56	36.25	2.00	0.00	1.00	0.00	8.57	36.30	2.00	0.00	1.00	0.00
8.58	36.07	2.00	0.00	1.00	0.00	8.59	35.73	2.00	0.00	1.00	0.00
8.60	35.34	2.00	0.00	1.00	0.00	8.61	35.46	2.00	0.00	1.00	0.00
8.62	35.69	2.00	0.00	1.00	0.00	8.63	35.98	2.00	0.00	1.00	0.00
8.64	36.11	2.00	0.00	1.00	0.00	8.65	36.61	2.00	0.00	1.00	0.00
8.66	37.21	2.00	0.00	1.00	0.00	8.67	37.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	38.38	2.00	0.00	1.00	0.00	8.69	38.86	2.00	0.00	1.00	0.00
8.70	39.30	2.00	0.00	1.00	0.00	8.71	39.86	2.00	0.00	1.00	0.00
8.72	40.51	2.00	0.00	1.00	0.00	8.73	41.42	2.00	0.00	1.00	0.00
8.74	42.61	2.00	0.00	1.00	0.00	8.75	43.52	2.00	0.00	1.00	0.00
8.76	44.08	2.00	0.00	1.00	0.00	8.77	42.51	2.00	0.00	1.00	0.00
8.78	41.25	2.00	0.00	1.00	0.00	8.79	40.63	2.00	0.00	1.00	0.00
8.80	42.60	2.00	0.00	1.00	0.00	8.81	44.72	2.00	0.00	1.00	0.00
8.82	46.40	2.00	0.00	1.00	0.00	8.83	47.30	2.00	0.00	1.00	0.00
8.84	47.57	2.00	0.00	1.00	0.00	8.85	47.46	2.00	0.00	1.00	0.00
8.86	47.20	2.00	0.00	1.00	0.00	8.87	46.81	2.00	0.00	1.00	0.00
8.88	46.45	2.00	0.00	1.00	0.00	8.89	46.17	2.00	0.00	1.00	0.00
8.90	46.05	2.00	0.00	1.00	0.00	8.91	45.99	2.00	0.00	1.00	0.00
8.92	45.78	2.00	0.00	1.00	0.00	8.93	45.45	2.00	0.00	1.00	0.00
8.94	44.81	2.00	0.00	1.00	0.00	8.95	43.68	2.00	0.00	1.00	0.00
8.96	42.62	0.45	4.70	1.00	0.05	8.97	42.03	0.44	4.76	1.00	0.05
8.98	42.16	0.44	4.74	1.00	0.05	8.99	42.16	0.44	4.74	1.00	0.05
9.00	42.03	0.44	4.76	1.00	0.05	9.01	41.85	0.44	4.77	1.00	0.05
9.02	41.75	0.44	4.78	1.00	0.05	9.03	41.65	0.44	4.79	1.00	0.05
9.04	41.68	0.44	4.79	1.00	0.05	9.05	42.38	0.44	4.72	1.00	0.05
9.06	43.16	0.45	4.65	1.00	0.05	9.07	43.94	0.45	4.59	1.00	0.05
9.08	44.45	0.45	4.54	1.00	0.05	9.09	45.38	0.46	4.47	1.00	0.04
9.10	47.53	2.00	0.00	1.00	0.00	9.11	49.91	2.00	0.00	1.00	0.00
9.12	52.13	2.00	0.00	1.00	0.00	9.13	53.49	2.00	0.00	1.00	0.00
9.14	54.27	2.00	0.00	1.00	0.00	9.15	54.51	2.00	0.00	1.00	0.00
9.16	54.38	2.00	0.00	1.00	0.00	9.17	54.46	2.00	0.00	1.00	0.00
9.18	54.79	2.00	0.00	1.00	0.00	9.19	54.07	2.00	0.00	1.00	0.00
9.20	52.22	2.00	0.00	1.00	0.00	9.21	49.58	2.00	0.00	1.00	0.00
9.22	48.29	2.00	0.00	1.00	0.00	9.23	48.35	2.00	0.00	1.00	0.00
9.24	49.81	2.00	0.00	1.00	0.00	9.25	51.06	2.00	0.00	1.00	0.00
9.26	51.92	2.00	0.00	1.00	0.00	9.27	51.81	2.00	0.00	1.00	0.00
9.28	51.34	2.00	0.00	1.00	0.00	9.29	50.57	2.00	0.00	1.00	0.00
9.30	49.91	2.00	0.00	1.00	0.00	9.31	49.71	0.48	4.14	1.00	0.04
9.32	49.67	0.48	4.15	1.00	0.04	9.33	49.73	0.48	4.14	1.00	0.04
9.34	50.26	0.48	4.11	1.00	0.04	9.35	52.31	0.49	3.98	1.00	0.04
9.36	55.68	0.50	3.78	1.00	0.04	9.37	60.41	0.52	3.53	1.00	0.04
9.38	66.40	0.56	3.27	1.00	0.03	9.39	71.25	0.59	3.09	1.00	0.03
9.40	74.68	0.62	2.97	1.00	0.03	9.41	75.74	0.63	2.93	1.00	0.03
9.42	75.73	0.63	2.93	1.00	0.03	9.43	75.39	0.63	2.95	1.00	0.03
9.44	75.25	0.63	2.95	1.00	0.03	9.45	75.80	0.63	2.93	1.00	0.03
9.46	76.93	0.64	2.90	1.00	0.03	9.47	78.01	0.65	2.86	1.00	0.03
9.48	78.78	0.66	2.84	1.00	0.03	9.49	78.94	0.66	2.84	1.00	0.03
9.50	78.85	0.66	2.84	1.00	0.03	9.51	78.66	0.66	2.85	1.00	0.03
9.52	78.56	0.66	2.85	1.00	0.03	9.53	78.76	0.66	2.84	1.00	0.03
9.54	79.51	0.66	2.82	1.00	0.03	9.55	80.56	0.67	2.79	1.00	0.03
9.56	82.15	0.69	2.75	1.00	0.03	9.57	85.38	0.72	2.66	1.00	0.03
9.58	89.31	0.77	2.40	1.00	0.02	9.59	93.76	0.82	2.23	1.00	0.02
9.60	98.44	0.89	1.60	1.00	0.02	9.61	103.41	0.96	0.86	1.00	0.01
9.62	107.98	1.04	0.82	1.00	0.01	9.63	109.86	1.07	0.52	1.00	0.01

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	109.73	2.00	0.00	1.00	0.00	9.65	108.79	2.00	0.00	1.00	0.00
9.66	107.71	2.00	0.00	1.00	0.00	9.67	106.75	2.00	0.00	1.00	0.00
9.68	105.19	2.00	0.00	1.00	0.00	9.69	102.97	2.00	0.00	1.00	0.00
9.70	100.68	2.00	0.00	1.00	0.00	9.71	98.24	2.00	0.00	1.00	0.00
9.72	95.96	2.00	0.00	1.00	0.00	9.73	92.52	2.00	0.00	1.00	0.00
9.74	89.18	2.00	0.00	1.00	0.00	9.75	86.68	2.00	0.00	1.00	0.00
9.76	85.99	2.00	0.00	1.00	0.00	9.77	90.51	2.00	0.00	1.00	0.00
9.78	94.66	2.00	0.00	1.00	0.00	9.79	98.65	2.00	0.00	1.00	0.00
9.80	98.55	2.00	0.00	1.00	0.00	9.81	98.90	2.00	0.00	1.00	0.00
9.82	99.79	2.00	0.00	1.00	0.00	9.83	100.53	2.00	0.00	1.00	0.00
9.84	101.10	2.00	0.00	1.00	0.00	9.85	101.34	2.00	0.00	1.00	0.00
9.86	100.93	2.00	0.00	1.00	0.00	9.87	100.07	2.00	0.00	1.00	0.00
9.88	99.21	2.00	0.00	1.00	0.00	9.89	99.24	2.00	0.00	1.00	0.00
9.90	99.30	2.00	0.00	1.00	0.00	9.91	99.16	2.00	0.00	1.00	0.00
9.92	98.77	2.00	0.00	1.00	0.00	9.93	99.54	2.00	0.00	1.00	0.00
9.94	101.30	2.00	0.00	1.00	0.00	9.95	103.68	2.00	0.00	1.00	0.00
9.96	105.44	2.00	0.00	1.00	0.00	9.97	106.53	2.00	0.00	1.00	0.00
9.98	107.46	2.00	0.00	1.00	0.00	9.99	108.52	2.00	0.00	1.00	0.00
10.00	110.43	2.00	0.00	1.00	0.00	10.01	112.55	2.00	0.00	1.00	0.00
10.02	115.10	2.00	0.00	1.00	0.00	10.03	117.14	2.00	0.00	1.00	0.00
10.04	119.35	2.00	0.00	1.00	0.00	10.05	121.08	2.00	0.00	1.00	0.00
10.06	122.02	2.00	0.00	1.00	0.00	10.07	122.21	2.00	0.00	1.00	0.00
10.08	122.96	2.00	0.00	1.00	0.00	10.09	124.21	2.00	0.00	1.00	0.00
10.10	125.17	2.00	0.00	1.00	0.00	10.11	123.98	2.00	0.00	1.00	0.00
10.12	121.88	2.00	0.00	1.00	0.00	10.13	119.51	2.00	0.00	1.00	0.00
10.14	117.99	2.00	0.00	1.00	0.00	10.15	116.79	2.00	0.00	1.00	0.00
10.16	116.54	2.00	0.00	1.00	0.00	10.17	117.38	2.00	0.00	1.00	0.00
10.18	119.07	2.00	0.00	1.00	0.00	10.19	120.83	2.00	0.00	1.00	0.00
10.20	121.69	2.00	0.00	1.00	0.00	10.21	120.38	2.00	0.00	1.00	0.00
10.22	117.54	2.00	0.00	1.00	0.00	10.23	115.00	2.00	0.00	1.00	0.00
10.24	114.49	2.00	0.00	1.00	0.00	10.25	116.96	2.00	0.00	1.00	0.00
10.26	120.87	2.00	0.00	1.00	0.00	10.27	123.15	2.00	0.00	1.00	0.00
10.28	122.61	2.00	0.00	1.00	0.00	10.29	119.70	2.00	0.00	1.00	0.00
10.30	117.58	2.00	0.00	1.00	0.00	10.31	116.13	2.00	0.00	1.00	0.00
10.32	114.89	2.00	0.00	1.00	0.00	10.33	113.56	2.00	0.00	1.00	0.00
10.34	112.05	2.00	0.00	1.00	0.00	10.35	110.93	2.00	0.00	1.00	0.00
10.36	109.89	2.00	0.00	1.00	0.00	10.37	109.25	2.00	0.00	1.00	0.00
10.38	109.09	2.00	0.00	1.00	0.00	10.39	108.64	2.00	0.00	1.00	0.00
10.40	107.76	2.00	0.00	1.00	0.00	10.41	106.51	2.00	0.00	1.00	0.00
10.42	106.15	2.00	0.00	1.00	0.00	10.43	106.76	2.00	0.00	1.00	0.00
10.44	107.55	2.00	0.00	1.00	0.00	10.45	108.04	2.00	0.00	1.00	0.00
10.46	107.46	2.00	0.00	1.00	0.00	10.47	107.10	2.00	0.00	1.00	0.00
10.48	106.97	2.00	0.00	1.00	0.00	10.49	107.07	2.00	0.00	1.00	0.00
10.50	107.02	2.00	0.00	1.00	0.00	10.51	106.79	2.00	0.00	1.00	0.00
10.52	106.76	2.00	0.00	1.00	0.00	10.53	106.40	2.00	0.00	1.00	0.00
10.54	105.21	2.00	0.00	1.00	0.00	10.55	103.63	2.00	0.00	1.00	0.00
10.56	101.34	2.00	0.00	1.00	0.00	10.57	99.34	2.00	0.00	1.00	0.00
10.58	98.02	2.00	0.00	1.00	0.00	10.59	97.60	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	97.48	2.00	0.00	1.00	0.00	10.61	95.49	2.00	0.00	1.00	0.00
10.62	93.15	2.00	0.00	1.00	0.00	10.63	90.87	2.00	0.00	1.00	0.00
10.64	89.71	2.00	0.00	1.00	0.00	10.65	88.58	2.00	0.00	1.00	0.00
10.66	87.60	2.00	0.00	1.00	0.00	10.67	87.18	2.00	0.00	1.00	0.00
10.68	86.60	2.00	0.00	1.00	0.00	10.69	85.96	2.00	0.00	1.00	0.00
10.70	85.31	2.00	0.00	1.00	0.00	10.71	84.62	2.00	0.00	1.00	0.00
10.72	83.68	2.00	0.00	1.00	0.00	10.73	82.42	2.00	0.00	1.00	0.00
10.74	81.56	2.00	0.00	1.00	0.00	10.75	81.02	2.00	0.00	1.00	0.00
10.76	75.89	2.00	0.00	1.00	0.00	10.77	71.58	2.00	0.00	1.00	0.00
10.78	67.09	2.00	0.00	1.00	0.00	10.79	68.12	2.00	0.00	1.00	0.00
10.80	68.16	2.00	0.00	1.00	0.00	10.81	68.33	2.00	0.00	1.00	0.00
10.82	68.70	2.00	0.00	1.00	0.00	10.83	69.11	2.00	0.00	1.00	0.00
10.84	69.39	2.00	0.00	1.00	0.00	10.85	69.48	2.00	0.00	1.00	0.00
10.86	71.38	2.00	0.00	1.00	0.00	10.87	73.88	2.00	0.00	1.00	0.00
10.88	76.75	2.00	0.00	1.00	0.00	10.89	78.30	2.00	0.00	1.00	0.00
10.90	79.77	2.00	0.00	1.00	0.00	10.91	81.39	2.00	0.00	1.00	0.00
10.92	83.22	2.00	0.00	1.00	0.00	10.93	84.32	2.00	0.00	1.00	0.00
10.94	85.25	2.00	0.00	1.00	0.00	10.95	86.75	2.00	0.00	1.00	0.00
10.96	89.69	2.00	0.00	1.00	0.00	10.97	93.34	2.00	0.00	1.00	0.00
10.98	96.36	2.00	0.00	1.00	0.00	10.99	99.45	2.00	0.00	1.00	0.00
11.00	101.98	2.00	0.00	1.00	0.00	11.01	104.15	2.00	0.00	1.00	0.00
11.02	105.56	2.00	0.00	1.00	0.00	11.03	106.91	2.00	0.00	1.00	0.00
11.04	108.66	2.00	0.00	1.00	0.00	11.05	109.99	2.00	0.00	1.00	0.00
11.06	110.85	2.00	0.00	1.00	0.00	11.07	110.41	2.00	0.00	1.00	0.00
11.08	109.49	2.00	0.00	1.00	0.00	11.09	107.74	2.00	0.00	1.00	0.00
11.10	105.28	2.00	0.00	1.00	0.00	11.11	101.94	2.00	0.00	1.00	0.00
11.12	97.86	2.00	0.00	1.00	0.00	11.13	94.47	2.00	0.00	1.00	0.00
11.14	91.56	2.00	0.00	1.00	0.00	11.15	89.40	2.00	0.00	1.00	0.00
11.16	86.67	2.00	0.00	1.00	0.00	11.17	82.36	2.00	0.00	1.00	0.00
11.18	78.43	2.00	0.00	1.00	0.00	11.19	75.20	2.00	0.00	1.00	0.00
11.20	73.83	2.00	0.00	1.00	0.00	11.21	72.49	2.00	0.00	1.00	0.00
11.22	71.23	2.00	0.00	1.00	0.00	11.23	70.71	2.00	0.00	1.00	0.00
11.24	70.24	2.00	0.00	1.00	0.00	11.25	70.06	2.00	0.00	1.00	0.00
11.26	69.28	2.00	0.00	1.00	0.00	11.27	67.97	2.00	0.00	1.00	0.00
11.28	66.06	2.00	0.00	1.00	0.00	11.29	63.45	2.00	0.00	1.00	0.00
11.30	61.38	2.00	0.00	1.00	0.00	11.31	60.06	2.00	0.00	1.00	0.00
11.32	59.84	0.56	3.56	1.00	0.04	11.33	60.16	0.56	3.54	1.00	0.04
11.34	60.29	0.56	3.54	1.00	0.04	11.35	60.31	0.56	3.54	1.00	0.04
11.36	60.24	0.56	3.54	1.00	0.04	11.37	60.15	0.56	3.54	1.00	0.04
11.38	60.05	0.56	3.55	1.00	0.04	11.39	59.71	0.56	3.57	1.00	0.04
11.40	59.42	0.55	3.58	1.00	0.04	11.41	59.66	0.56	3.57	1.00	0.04
11.42	60.39	0.56	3.53	1.00	0.04	11.43	61.19	0.57	3.50	1.00	0.03
11.44	61.69	0.57	3.47	1.00	0.03	11.45	61.84	0.57	3.47	1.00	0.03
11.46	61.94	0.57	3.46	1.00	0.03	11.47	62.48	0.57	3.44	1.00	0.03
11.48	63.54	0.58	3.39	1.00	0.03	11.49	65.42	0.59	3.31	1.00	0.03
11.50	67.70	2.00	0.00	1.00	0.00	11.51	69.40	2.00	0.00	1.00	0.00
11.52	70.36	2.00	0.00	1.00	0.00	11.53	70.99	2.00	0.00	1.00	0.00
11.54	72.24	2.00	0.00	1.00	0.00	11.55	74.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	77.46	2.00	0.00	1.00	0.00	11.57	79.63	2.00	0.00	1.00	0.00
11.58	80.19	2.00	0.00	1.00	0.00	11.59	79.72	2.00	0.00	1.00	0.00
11.60	78.95	2.00	0.00	1.00	0.00	11.61	78.52	0.70	2.85	1.00	0.03
11.62	78.69	0.70	2.84	1.00	0.03	11.63	78.88	0.71	2.84	1.00	0.03
11.64	79.01	0.71	2.83	1.00	0.03	11.65	79.11	0.71	2.83	1.00	0.03
11.66	79.39	2.00	0.00	1.00	0.00	11.67	79.77	2.00	0.00	1.00	0.00
11.68	80.70	2.00	0.00	1.00	0.00	11.69	81.67	2.00	0.00	1.00	0.00
11.70	82.55	2.00	0.00	1.00	0.00	11.71	83.52	2.00	0.00	1.00	0.00
11.72	83.94	2.00	0.00	1.00	0.00	11.73	84.28	2.00	0.00	1.00	0.00
11.74	83.91	2.00	0.00	1.00	0.00	11.75	83.88	2.00	0.00	1.00	0.00
11.76	86.92	2.00	0.00	1.00	0.00	11.77	89.66	2.00	0.00	1.00	0.00
11.78	91.93	2.00	0.00	1.00	0.00	11.79	90.89	2.00	0.00	1.00	0.00
11.80	89.60	2.00	0.00	1.00	0.00	11.81	88.65	2.00	0.00	1.00	0.00
11.82	87.84	2.00	0.00	1.00	0.00	11.83	87.25	2.00	0.00	1.00	0.00
11.84	85.32	2.00	0.00	1.00	0.00	11.85	83.06	2.00	0.00	1.00	0.00
11.86	79.89	2.00	0.00	1.00	0.00	11.87	76.54	2.00	0.00	1.00	0.00
11.88	73.46	2.00	0.00	1.00	0.00	11.89	71.54	2.00	0.00	1.00	0.00
11.90	71.04	2.00	0.00	1.00	0.00	11.91	71.31	0.65	3.08	1.00	0.03
11.92	71.78	0.65	3.07	1.00	0.03	11.93	73.94	0.67	2.99	1.00	0.03
11.94	76.68	0.69	2.91	1.00	0.03	11.95	80.24	0.73	2.80	1.00	0.03
11.96	83.47	0.76	2.65	1.00	0.03	11.97	86.90	0.80	2.49	1.00	0.02
11.98	89.47	0.83	2.39	1.00	0.02	11.99	90.84	2.00	0.00	1.00	0.00
12.00	88.50	2.00	0.00	1.00	0.00	12.01	86.05	2.00	0.00	1.00	0.00
12.02	84.08	2.00	0.00	1.00	0.00	12.03	84.13	2.00	0.00	1.00	0.00
12.04	83.81	2.00	0.00	1.00	0.00	12.05	83.70	2.00	0.00	1.00	0.00
12.06	84.08	2.00	0.00	1.00	0.00	12.07	84.24	2.00	0.00	1.00	0.00
12.08	83.56	2.00	0.00	1.00	0.00	12.09	83.52	2.00	0.00	1.00	0.00
12.10	84.44	2.00	0.00	1.00	0.00	12.11	86.39	2.00	0.00	1.00	0.00
12.12	87.98	2.00	0.00	1.00	0.00	12.13	88.34	2.00	0.00	1.00	0.00
12.14	87.28	2.00	0.00	1.00	0.00	12.15	84.41	2.00	0.00	1.00	0.00
12.16	81.58	2.00	0.00	1.00	0.00	12.17	78.99	2.00	0.00	1.00	0.00
12.18	77.58	2.00	0.00	1.00	0.00	12.19	76.29	2.00	0.00	1.00	0.00
12.20	75.45	2.00	0.00	1.00	0.00	12.21	75.38	2.00	0.00	1.00	0.00
12.22	75.96	2.00	0.00	1.00	0.00	12.23	74.81	2.00	0.00	1.00	0.00
12.24	72.17	2.00	0.00	1.00	0.00	12.25	68.23	2.00	0.00	1.00	0.00
12.26	64.55	2.00	0.00	1.00	0.00	12.27	62.06	2.00	0.00	1.00	0.00
12.28	61.37	0.58	3.49	1.00	0.03	12.29	62.90	0.59	3.42	1.00	0.03
12.30	64.65	0.61	3.34	1.00	0.03	12.31	66.17	0.62	3.28	1.00	0.03
12.32	68.91	0.64	3.17	1.00	0.03	12.33	73.00	0.67	3.02	1.00	0.03
12.34	76.84	0.70	2.90	1.00	0.03	12.35	79.37	0.73	2.82	1.00	0.03
12.36	80.04	0.74	2.80	1.00	0.03	12.37	80.42	0.74	2.79	1.00	0.03
12.38	80.80	0.75	2.78	1.00	0.03	12.39	80.64	0.74	2.79	1.00	0.03
12.40	79.89	0.74	2.81	1.00	0.03	12.41	78.46	0.72	2.85	1.00	0.03
12.42	77.32	0.71	2.89	1.00	0.03	12.43	76.70	0.71	2.90	1.00	0.03
12.44	77.01	0.71	2.89	1.00	0.03	12.45	77.72	0.72	2.87	1.00	0.03
12.46	78.77	0.73	2.84	1.00	0.03	12.47	79.90	0.74	2.81	1.00	0.03
12.48	80.06	0.74	2.80	1.00	0.03	12.49	79.11	0.73	2.83	1.00	0.03
12.50	77.30	0.71	2.89	1.00	0.03	12.51	76.28	0.70	2.92	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	76.25	0.70	2.92	1.00	0.03	12.53	76.84	0.71	2.90	1.00	0.03
12.54	77.07	0.71	2.89	1.00	0.03	12.55	76.44	0.71	2.91	1.00	0.03
12.56	74.55	0.69	2.97	1.00	0.03	12.57	72.61	0.67	3.04	1.00	0.03
12.58	71.41	0.66	3.08	1.00	0.03	12.59	71.69	0.67	3.07	1.00	0.03
12.60	61.00	0.59	3.50	1.00	0.04	12.61	64.44	0.61	3.35	1.00	0.03
12.62	68.47	0.64	3.19	1.00	0.03	12.63	83.25	0.78	2.66	1.00	0.03
12.64	86.28	0.82	2.52	1.00	0.03	12.65	88.69	0.85	2.42	1.00	0.02
12.66	90.49	0.87	1.82	1.00	0.02	12.67	91.90	0.89	1.78	1.00	0.02
12.68	92.09	0.89	1.77	1.00	0.02	12.69	90.20	0.87	1.83	1.00	0.02
12.70	78.58	0.73	2.85	1.00	0.03	12.71	76.06	0.71	2.92	1.00	0.03
12.72	73.51	0.69	3.01	1.00	0.03	12.73	71.30	0.67	3.08	1.00	0.03
12.74	70.40	0.66	3.12	1.00	0.03	12.75	70.01	0.66	3.13	1.00	0.03
12.76	69.22	0.65	3.16	1.00	0.03	12.77	68.61	0.65	3.18	1.00	0.03
12.78	68.23	0.64	3.20	1.00	0.03	12.79	68.85	0.65	3.17	1.00	0.03
12.80	69.66	0.66	3.14	1.00	0.03	12.81	70.22	0.66	3.12	1.00	0.03
12.82	70.40	0.66	3.12	1.00	0.03	12.83	69.87	0.66	3.14	1.00	0.03
12.84	69.08	0.65	3.16	1.00	0.03	12.85	68.17	0.65	3.20	1.00	0.03
12.86	67.41	0.64	3.23	1.00	0.03	12.87	66.93	0.64	3.25	1.00	0.03
12.88	67.01	0.64	3.24	1.00	0.03	12.89	67.56	0.64	3.22	1.00	0.03
12.90	68.43	0.65	3.19	1.00	0.03	12.91	69.37	0.66	3.15	1.00	0.03
12.92	70.51	0.67	3.11	1.00	0.03	12.93	71.46	0.67	3.08	1.00	0.03
12.94	72.14	0.68	3.05	1.00	0.03	12.95	72.32	0.68	3.05	1.00	0.03
12.96	72.21	0.68	3.05	1.00	0.03	12.97	71.76	0.68	3.07	1.00	0.03
12.98	71.20	0.67	3.09	1.00	0.03	12.99	70.86	0.67	3.10	1.00	0.03
13.00	70.84	0.67	3.10	1.00	0.03	13.01	71.10	0.67	3.09	1.00	0.03
13.02	71.59	0.68	3.07	1.00	0.03	13.03	72.05	0.68	3.06	1.00	0.03
13.04	72.29	0.68	3.05	1.00	0.03	13.05	72.30	0.68	3.05	1.00	0.03
13.06	72.37	0.69	3.05	1.00	0.03	13.07	72.51	0.69	3.04	1.00	0.03
13.08	72.51	0.69	3.04	1.00	0.03	13.09	72.33	0.69	3.05	1.00	0.03
13.10	71.96	0.68	3.06	1.00	0.03	13.11	71.49	0.68	3.08	1.00	0.03
13.12	70.77	0.67	3.10	1.00	0.03	13.13	70.01	0.67	3.13	1.00	0.03
13.14	69.11	0.66	3.16	1.00	0.03	13.15	67.76	0.65	3.22	1.00	0.03
13.16	66.17	0.64	3.28	1.00	0.03	13.17	64.58	0.63	3.34	1.00	0.03
13.18	63.31	0.62	3.40	1.00	0.03	13.19	62.33	0.61	3.44	1.00	0.03
13.20	61.60	0.61	3.48	1.00	0.03	13.21	61.23	0.61	3.49	1.00	0.03
13.22	60.93	0.61	3.51	1.00	0.04	13.23	73.32	0.70	3.01	1.00	0.03
13.24	73.06	0.70	3.02	1.00	0.03	13.25	72.57	0.69	3.04	1.00	0.03
13.26	71.63	0.68	3.07	1.00	0.03	13.27	70.44	0.68	3.11	1.00	0.03
13.28	69.04	0.66	3.17	1.00	0.03	13.29	67.28	0.65	3.23	1.00	0.03
13.30	65.56	0.64	3.30	1.00	0.03	13.31	63.99	0.63	3.37	1.00	0.03
13.32	62.85	0.62	3.42	1.00	0.03	13.33	61.94	0.61	3.46	1.00	0.03
13.34	61.27	0.61	3.49	1.00	0.03	13.35	60.75	0.61	3.52	1.00	0.04
13.36	60.43	0.61	3.53	1.00	0.04	13.37	60.20	0.60	3.54	1.00	0.04
13.38	60.30	0.61	3.54	1.00	0.04	13.39	60.42	0.61	3.53	1.00	0.04
13.40	60.49	0.61	3.53	1.00	0.04	13.41	60.31	0.61	3.54	1.00	0.04
13.42	59.89	0.60	3.56	1.00	0.04	13.43	59.10	0.60	3.60	1.00	0.04
13.44	58.19	0.59	3.64	1.00	0.04	13.45	57.21	0.59	3.69	1.00	0.04
13.46	39.52	0.50	5.00	1.00	0.05	13.47	39.79	0.50	4.97	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	40.20	0.51	4.93	1.00	0.05	13.49	40.59	0.51	4.89	1.00	0.05
13.50	41.09	0.51	4.85	1.00	0.05	13.51	41.56	0.51	4.80	1.00	0.05
13.52	42.00	0.52	4.76	1.00	0.05	13.53	42.34	0.52	4.73	1.00	0.05
13.54	42.61	0.52	4.70	1.00	0.05	13.55	42.80	0.52	4.69	1.00	0.05
13.56	42.89	0.52	4.68	1.00	0.05	13.57	42.97	0.52	4.67	1.00	0.05
13.58	43.02	0.52	4.67	1.00	0.05	13.59	43.13	0.52	4.66	1.00	0.05
13.60	43.24	0.52	4.65	1.00	0.05	13.61	43.42	0.52	4.63	1.00	0.05
13.62	43.61	0.53	4.61	1.00	0.05	13.63	43.90	0.53	4.59	1.00	0.05
13.64	44.26	0.53	4.56	1.00	0.05	13.65	44.84	0.53	4.51	1.00	0.05
13.66	45.45	0.54	4.46	1.00	0.04	13.67	46.06	0.54	4.41	1.00	0.04
13.68	46.85	0.54	4.35	1.00	0.04	13.69	47.78	0.55	4.28	1.00	0.04
13.70	49.09	0.55	4.19	1.00	0.04	13.71	50.08	0.56	4.12	1.00	0.04
13.72	50.86	0.56	4.07	1.00	0.04	13.73	51.11	0.57	4.05	1.00	0.04
13.74	51.19	0.57	4.05	1.00	0.04	13.75	50.49	0.56	4.09	1.00	0.04
13.76	49.58	0.56	4.15	1.00	0.04	13.77	48.53	0.55	4.23	1.00	0.04
13.78	47.95	0.55	4.27	1.00	0.04	13.79	47.58	0.55	4.30	1.00	0.04
13.80	47.39	0.55	4.31	1.00	0.04	13.81	47.44	0.55	4.31	1.00	0.04
13.82	47.77	0.55	4.28	1.00	0.04	13.83	48.41	0.55	4.24	1.00	0.04
13.84	49.23	0.56	4.18	1.00	0.04	13.85	50.01	0.56	4.12	1.00	0.04
13.86	51.21	0.57	4.04	1.00	0.04	13.87	52.76	0.58	3.95	1.00	0.04
13.88	54.69	0.59	3.83	1.00	0.04	13.89	57.12	0.60	3.70	1.00	0.04
13.90	59.55	0.61	3.57	1.00	0.04	13.91	61.76	0.63	3.47	1.00	0.03
13.92	63.26	0.64	3.40	1.00	0.03	13.93	64.20	0.64	3.36	1.00	0.03
13.94	64.66	0.65	3.34	1.00	0.03	13.95	64.41	0.65	3.35	1.00	0.03
13.96	64.16	0.65	3.36	1.00	0.03	13.97	63.95	0.64	3.37	1.00	0.03
13.98	64.06	0.65	3.37	1.00	0.03	13.99	64.40	0.65	3.35	1.00	0.03
14.00	65.10	0.65	3.32	1.00	0.03	14.01	66.14	0.66	3.28	1.00	0.03
14.02	67.11	0.67	3.24	1.00	0.03	14.03	67.88	0.68	3.21	1.00	0.03
14.04	67.88	0.68	3.21	1.00	0.03	14.05	67.48	0.67	3.23	1.00	0.03
14.06	66.67	0.67	3.26	1.00	0.03	14.07	65.38	0.66	3.31	1.00	0.03
14.08	63.85	0.65	3.38	1.00	0.03	14.09	62.04	0.63	3.46	1.00	0.03
14.10	60.44	0.62	3.53	1.00	0.04	14.11	71.57	0.71	3.07	1.00	0.03
14.12	70.58	0.70	3.11	1.00	0.03	14.13	69.69	0.69	3.14	1.00	0.03
14.14	69.38	0.69	3.15	1.00	0.03	14.15	69.53	0.69	3.15	1.00	0.03
14.16	69.92	0.70	3.13	1.00	0.03	14.17	70.35	0.70	3.12	1.00	0.03
14.18	70.53	0.70	3.11	1.00	0.03	14.19	70.66	0.70	3.11	1.00	0.03
14.20	70.80	0.71	3.10	1.00	0.03	14.21	71.01	0.71	3.09	1.00	0.03
14.22	71.26	0.71	3.09	1.00	0.03	14.23	71.53	0.71	3.08	1.00	0.03
14.24	71.98	0.72	3.06	1.00	0.03	14.25	72.45	0.72	3.04	1.00	0.03
14.26	60.74	0.63	3.52	1.00	0.04	14.27	61.86	0.64	3.46	1.00	0.03
14.28	62.88	0.65	3.42	1.00	0.03	14.29	63.80	0.65	3.38	1.00	0.03
14.30	64.24	0.66	3.36	1.00	0.03	14.31	64.41	0.66	3.35	1.00	0.03
14.32	64.34	0.66	3.35	1.00	0.03	14.33	63.76	0.65	3.38	1.00	0.03
14.34	63.02	0.65	3.41	1.00	0.03	14.35	62.17	0.64	3.45	1.00	0.03
14.36	61.49	0.64	3.48	1.00	0.03	14.37	60.95	0.64	3.51	1.00	0.04
14.38	60.71	0.63	3.52	1.00	0.04	14.39	60.92	0.64	3.51	1.00	0.04
14.40	61.36	0.64	3.49	1.00	0.03	14.41	61.91	0.64	3.46	1.00	0.03
14.42	62.35	0.65	3.44	1.00	0.03	14.43	62.42	0.65	3.44	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	62.16	0.65	3.45	1.00	0.03	14.45	61.65	0.64	3.47	1.00	0.03
14.46	60.88	0.64	3.51	1.00	0.04	14.47	59.96	0.63	3.55	1.00	0.04
14.48	58.95	0.63	3.60	1.00	0.04	14.49	57.76	0.62	3.66	1.00	0.04
14.50	56.44	0.61	3.73	1.00	0.04	14.51	54.99	0.60	3.82	1.00	0.04
14.52	53.80	0.60	3.88	1.00	0.04	14.53	66.40	0.68	3.27	1.00	0.03
14.54	65.36	0.67	3.31	1.00	0.03	14.55	64.13	0.66	3.36	1.00	0.03
14.56	63.16	0.66	3.41	1.00	0.03	14.57	62.19	0.65	3.45	1.00	0.03
14.58	61.29	0.64	3.49	1.00	0.03	14.59	60.55	0.64	3.53	1.00	0.04
14.60	60.00	0.64	3.55	1.00	0.04	14.61	59.71	0.63	3.57	1.00	0.04
14.62	59.53	0.63	3.58	1.00	0.04	14.63	59.49	0.63	3.58	1.00	0.04
14.64	59.62	0.64	3.57	1.00	0.04	14.65	59.95	0.64	3.55	1.00	0.04
14.66	60.81	0.64	3.51	1.00	0.04	14.67	61.94	0.65	3.46	1.00	0.03
14.68	63.34	0.66	3.40	1.00	0.03	14.69	64.49	0.67	3.35	1.00	0.03
14.70	65.31	0.68	3.31	1.00	0.03	14.71	65.75	0.68	3.30	1.00	0.03
14.72	65.85	0.68	3.29	1.00	0.03	14.73	65.89	0.68	3.29	1.00	0.03
14.74	50.90	0.59	4.07	1.00	0.04	14.75	54.07	0.61	3.87	1.00	0.04
14.76	58.24	0.63	3.64	1.00	0.04	14.77	62.45	0.66	3.44	1.00	0.03
14.78	66.72	0.69	3.26	1.00	0.03	14.79	70.90	0.73	3.10	1.00	0.03
14.80	74.03	0.76	2.99	1.00	0.03	14.81	76.31	0.78	2.92	1.00	0.03
14.82	77.73	0.79	2.87	1.00	0.03	14.83	77.93	0.80	2.87	1.00	0.03
14.84	77.43	0.79	2.88	1.00	0.03	14.85	76.56	0.78	2.91	1.00	0.03
14.86	75.49	0.77	2.94	1.00	0.03	14.87	74.29	0.76	2.98	1.00	0.03
14.88	73.19	0.75	3.02	1.00	0.03	14.89	72.12	0.74	3.05	1.00	0.03
14.90	71.25	0.73	3.09	1.00	0.03	14.91	70.49	0.73	3.11	1.00	0.03
14.92	69.82	0.72	3.14	1.00	0.03	14.93	69.59	0.72	3.15	1.00	0.03
14.94	69.63	0.72	3.14	1.00	0.03	14.95	70.13	0.72	3.13	1.00	0.03
14.96	71.78	0.74	3.07	1.00	0.03	14.97	74.09	0.76	2.99	1.00	0.03
14.98	77.06	0.79	2.89	1.00	0.03	14.99	80.27	0.83	2.80	1.00	0.03
15.00	85.42	0.89	1.98	1.00	0.02	15.01	90.86	2.00	0.00	1.00	0.00
15.02	96.02	2.00	0.00	1.00	0.00	15.03	100.08	2.00	0.00	1.00	0.00
15.04	103.57	2.00	0.00	1.00	0.00	15.05	106.06	2.00	0.00	1.00	0.00
15.06	106.62	2.00	0.00	1.00	0.00	15.07	105.54	2.00	0.00	1.00	0.00
15.08	104.03	2.00	0.00	1.00	0.00	15.09	102.42	2.00	0.00	1.00	0.00
15.10	100.85	2.00	0.00	1.00	0.00	15.11	98.91	2.00	0.00	1.00	0.00
15.12	96.71	2.00	0.00	1.00	0.00	15.13	93.77	2.00	0.00	1.00	0.00
15.14	90.80	2.00	0.00	1.00	0.00	15.15	87.99	2.00	0.00	1.00	0.00
15.16	86.32	2.00	0.00	1.00	0.00	15.17	85.48	2.00	0.00	1.00	0.00
15.18	85.54	2.00	0.00	1.00	0.00	15.19	87.26	2.00	0.00	1.00	0.00
15.20	89.71	2.00	0.00	1.00	0.00	15.21	92.63	2.00	0.00	1.00	0.00
15.22	96.05	2.00	0.00	1.00	0.00	15.23	99.60	2.00	0.00	1.00	0.00
15.24	103.28	2.00	0.00	1.00	0.00	15.25	106.16	2.00	0.00	1.00	0.00
15.26	110.09	2.00	0.00	1.00	0.00	15.27	114.18	2.00	0.00	1.00	0.00
15.28	118.37	2.00	0.00	1.00	0.00	15.29	121.96	2.00	0.00	1.00	0.00
15.30	124.79	2.00	0.00	1.00	0.00	15.31	126.88	2.00	0.00	1.00	0.00
15.32	127.69	2.00	0.00	1.00	0.00	15.33	128.20	2.00	0.00	1.00	0.00
15.34	128.41	2.00	0.00	1.00	0.00	15.35	128.22	2.00	0.00	1.00	0.00
15.36	127.54	2.00	0.00	1.00	0.00	15.37	126.86	2.00	0.00	1.00	0.00
15.38	126.38	2.00	0.00	1.00	0.00	15.39	125.94	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	125.26	2.00	0.00	1.00	0.00	15.41	124.15	2.00	0.00	1.00	0.00
15.42	122.88	2.00	0.00	1.00	0.00	15.43	121.68	2.00	0.00	1.00	0.00
15.44	120.58	2.00	0.00	1.00	0.00	15.45	118.82	2.00	0.00	1.00	0.00
15.46	116.57	2.00	0.00	1.00	0.00	15.47	114.23	2.00	0.00	1.00	0.00
15.48	112.24	2.00	0.00	1.00	0.00	15.49	110.54	2.00	0.00	1.00	0.00
15.50	108.74	2.00	0.00	1.00	0.00	15.51	106.72	2.00	0.00	1.00	0.00
15.52	104.50	2.00	0.00	1.00	0.00	15.53	102.28	2.00	0.00	1.00	0.00
15.54	99.80	2.00	0.00	1.00	0.00	15.55	97.19	2.00	0.00	1.00	0.00
15.56	94.35	2.00	0.00	1.00	0.00	15.57	91.38	2.00	0.00	1.00	0.00
15.58	97.03	2.00	0.00	1.00	0.00	15.59	95.01	2.00	0.00	1.00	0.00
15.60	93.07	2.00	0.00	1.00	0.00	15.61	91.30	2.00	0.00	1.00	0.00
15.62	89.81	2.00	0.00	1.00	0.00	15.63	88.96	2.00	0.00	1.00	0.00
15.64	88.36	2.00	0.00	1.00	0.00	15.65	87.92	2.00	0.00	1.00	0.00
15.66	87.60	2.00	0.00	1.00	0.00	15.67	87.47	2.00	0.00	1.00	0.00
15.68	87.25	2.00	0.00	1.00	0.00	15.69	86.74	2.00	0.00	1.00	0.00
15.70	85.50	2.00	0.00	1.00	0.00	15.71	83.50	2.00	0.00	1.00	0.00
15.72	81.41	2.00	0.00	1.00	0.00	15.73	80.02	2.00	0.00	1.00	0.00
15.74	79.50	2.00	0.00	1.00	0.00	15.75	75.25	2.00	0.00	1.00	0.00
15.76	70.59	2.00	0.00	1.00	0.00	15.77	65.45	2.00	0.00	1.00	0.00
15.78	64.42	2.00	0.00	1.00	0.00	15.79	63.45	2.00	0.00	1.00	0.00
15.80	62.26	2.00	0.00	1.00	0.00	15.81	61.17	2.00	0.00	1.00	0.00
15.82	60.66	2.00	0.00	1.00	0.00	15.83	61.34	2.00	0.00	1.00	0.00
15.84	62.28	2.00	0.00	1.00	0.00	15.85	62.97	2.00	0.00	1.00	0.00
15.86	63.62	2.00	0.00	1.00	0.00	15.87	64.43	2.00	0.00	1.00	0.00
15.88	65.54	2.00	0.00	1.00	0.00	15.89	66.48	2.00	0.00	1.00	0.00
15.90	68.24	2.00	0.00	1.00	0.00	15.91	70.00	2.00	0.00	1.00	0.00
15.92	71.67	2.00	0.00	1.00	0.00	15.93	72.73	2.00	0.00	1.00	0.00
15.94	73.73	2.00	0.00	1.00	0.00	15.95	74.59	2.00	0.00	1.00	0.00
15.96	73.08	2.00	0.00	1.00	0.00	15.97	69.97	2.00	0.00	1.00	0.00
15.98	65.53	2.00	0.00	1.00	0.00	15.99	63.18	2.00	0.00	1.00	0.00
16.00	62.42	2.00	0.00	1.00	0.00	16.01	63.14	2.00	0.00	1.00	0.00
16.02	64.77	2.00	0.00	1.00	0.00	16.03	66.66	2.00	0.00	1.00	0.00
16.04	68.93	2.00	0.00	1.00	0.00	16.05	72.53	2.00	0.00	1.00	0.00
16.06	76.67	2.00	0.00	1.00	0.00	16.07	80.55	2.00	0.00	1.00	0.00
16.08	82.71	2.00	0.00	1.00	0.00	16.09	83.93	2.00	0.00	1.00	0.00
16.10	84.16	2.00	0.00	1.00	0.00	16.11	82.53	2.00	0.00	1.00	0.00
16.12	80.17	2.00	0.00	1.00	0.00	16.13	76.90	2.00	0.00	1.00	0.00
16.14	72.61	2.00	0.00	1.00	0.00	16.15	67.98	2.00	0.00	1.00	0.00
16.16	63.61	2.00	0.00	1.00	0.00	16.17	60.35	2.00	0.00	1.00	0.00
16.18	57.81	2.00	0.00	1.00	0.00	16.19	56.68	2.00	0.00	1.00	0.00
16.20	58.75	2.00	0.00	1.00	0.00	16.21	61.67	2.00	0.00	1.00	0.00
16.22	64.89	2.00	0.00	1.00	0.00	16.23	67.89	2.00	0.00	1.00	0.00
16.24	70.74	2.00	0.00	1.00	0.00	16.25	73.60	2.00	0.00	1.00	0.00
16.26	75.59	2.00	0.00	1.00	0.00	16.27	76.45	2.00	0.00	1.00	0.00
16.28	75.44	2.00	0.00	1.00	0.00	16.29	72.15	2.00	0.00	1.00	0.00
16.30	68.68	2.00	0.00	1.00	0.00	16.31	65.94	2.00	0.00	1.00	0.00
16.32	64.08	2.00	0.00	1.00	0.00	16.33	62.47	2.00	0.00	1.00	0.00
16.34	46.58	2.00	0.00	1.00	0.00	16.35	47.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	49.07	2.00	0.00	1.00	0.00	16.37	51.26	2.00	0.00	1.00	0.00
16.38	54.50	2.00	0.00	1.00	0.00	16.39	58.12	2.00	0.00	1.00	0.00
16.40	61.89	2.00	0.00	1.00	0.00	16.41	65.74	2.00	0.00	1.00	0.00
16.42	69.22	2.00	0.00	1.00	0.00	16.43	72.21	2.00	0.00	1.00	0.00
16.44	73.72	2.00	0.00	1.00	0.00	16.45	74.51	2.00	0.00	1.00	0.00
16.46	74.79	2.00	0.00	1.00	0.00	16.47	74.60	2.00	0.00	1.00	0.00
16.48	74.33	2.00	0.00	1.00	0.00	16.49	73.78	2.00	0.00	1.00	0.00
16.50	72.62	2.00	0.00	1.00	0.00	16.51	71.52	2.00	0.00	1.00	0.00
16.52	70.74	2.00	0.00	1.00	0.00	16.53	70.50	2.00	0.00	1.00	0.00
16.54	70.14	2.00	0.00	1.00	0.00	16.55	69.58	2.00	0.00	1.00	0.00
16.56	68.84	2.00	0.00	1.00	0.00	16.57	68.20	2.00	0.00	1.00	0.00
16.58	67.35	2.00	0.00	1.00	0.00	16.59	78.06	2.00	0.00	1.00	0.00
16.60	76.87	2.00	0.00	1.00	0.00	16.61	75.47	2.00	0.00	1.00	0.00
16.62	73.67	2.00	0.00	1.00	0.00	16.63	71.74	2.00	0.00	1.00	0.00
16.64	69.60	2.00	0.00	1.00	0.00	16.65	67.22	2.00	0.00	1.00	0.00
16.66	65.29	2.00	0.00	1.00	0.00	16.67	64.36	2.00	0.00	1.00	0.00
16.68	65.33	2.00	0.00	1.00	0.00	16.69	67.73	2.00	0.00	1.00	0.00
16.70	71.01	2.00	0.00	1.00	0.00	16.71	75.23	2.00	0.00	1.00	0.00
16.72	78.51	2.00	0.00	1.00	0.00	16.73	80.76	2.00	0.00	1.00	0.00
16.74	82.89	2.00	0.00	1.00	0.00	16.75	86.96	2.00	0.00	1.00	0.00
16.76	91.31	2.00	0.00	1.00	0.00	16.77	94.37	2.00	0.00	1.00	0.00
16.78	95.46	2.00	0.00	1.00	0.00	16.79	95.40	2.00	0.00	1.00	0.00
16.80	93.85	2.00	0.00	1.00	0.00	16.81	92.24	2.00	0.00	1.00	0.00
16.82	90.94	2.00	0.00	1.00	0.00	16.83	89.83	2.00	0.00	1.00	0.00
16.84	88.50	2.00	0.00	1.00	0.00	16.85	86.75	2.00	0.00	1.00	0.00
16.86	84.05	2.00	0.00	1.00	0.00	16.87	80.84	2.00	0.00	1.00	0.00
16.88	77.07	2.00	0.00	1.00	0.00	16.89	72.92	2.00	0.00	1.00	0.00
16.90	68.94	2.00	0.00	1.00	0.00	16.91	65.45	2.00	0.00	1.00	0.00
16.92	63.54	2.00	0.00	1.00	0.00	16.93	62.31	2.00	0.00	1.00	0.00
16.94	61.73	2.00	0.00	1.00	0.00	16.95	61.81	2.00	0.00	1.00	0.00
16.96	62.04	2.00	0.00	1.00	0.00	16.97	62.48	2.00	0.00	1.00	0.00
16.98	63.11	2.00	0.00	1.00	0.00	16.99	64.37	2.00	0.00	1.00	0.00
17.00	65.82	2.00	0.00	1.00	0.00	17.01	67.33	2.00	0.00	1.00	0.00
17.02	68.77	2.00	0.00	1.00	0.00	17.03	70.07	2.00	0.00	1.00	0.00
17.04	71.23	2.00	0.00	1.00	0.00	17.05	71.93	2.00	0.00	1.00	0.00
17.06	72.56	2.00	0.00	1.00	0.00	17.07	73.13	2.00	0.00	1.00	0.00
17.08	73.63	2.00	0.00	1.00	0.00	17.09	73.96	2.00	0.00	1.00	0.00
17.10	74.09	2.00	0.00	1.00	0.00	17.11	74.21	2.00	0.00	1.00	0.00
17.12	74.34	2.00	0.00	1.00	0.00	17.13	74.52	2.00	0.00	1.00	0.00
17.14	74.42	2.00	0.00	1.00	0.00	17.15	74.23	2.00	0.00	1.00	0.00
17.16	74.16	2.00	0.00	1.00	0.00	17.17	74.37	2.00	0.00	1.00	0.00
17.18	74.74	2.00	0.00	1.00	0.00	17.19	75.13	2.00	0.00	1.00	0.00
17.20	75.51	2.00	0.00	1.00	0.00	17.21	76.45	2.00	0.00	1.00	0.00
17.22	77.43	2.00	0.00	1.00	0.00	17.23	78.42	2.00	0.00	1.00	0.00
17.24	79.19	2.00	0.00	1.00	0.00	17.25	79.81	2.00	0.00	1.00	0.00
17.26	80.17	2.00	0.00	1.00	0.00	17.27	80.17	2.00	0.00	1.00	0.00
17.28	80.15	2.00	0.00	1.00	0.00	17.29	80.25	2.00	0.00	1.00	0.00
17.30	80.39	2.00	0.00	1.00	0.00	17.31	80.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	80.61	2.00	0.00	1.00	0.00	17.33	80.61	2.00	0.00	1.00	0.00
17.34	80.69	2.00	0.00	1.00	0.00	17.35	80.80	2.00	0.00	1.00	0.00
17.36	80.90	2.00	0.00	1.00	0.00	17.37	80.91	2.00	0.00	1.00	0.00
17.38	80.92	2.00	0.00	1.00	0.00	17.39	80.98	2.00	0.00	1.00	0.00
17.40	81.34	2.00	0.00	1.00	0.00	17.41	81.61	2.00	0.00	1.00	0.00
17.42	81.91	2.00	0.00	1.00	0.00	17.43	81.93	2.00	0.00	1.00	0.00
17.44	81.94	2.00	0.00	1.00	0.00	17.45	81.88	2.00	0.00	1.00	0.00
17.46	81.80	2.00	0.00	1.00	0.00	17.47	81.62	2.00	0.00	1.00	0.00
17.48	81.31	2.00	0.00	1.00	0.00	17.49	80.88	2.00	0.00	1.00	0.00
17.50	80.50	2.00	0.00	1.00	0.00	17.51	80.23	2.00	0.00	1.00	0.00
17.52	79.99	2.00	0.00	1.00	0.00	17.53	79.83	2.00	0.00	1.00	0.00
17.54	79.82	2.00	0.00	1.00	0.00	17.55	80.14	2.00	0.00	1.00	0.00
17.56	80.61	2.00	0.00	1.00	0.00	17.57	81.12	2.00	0.00	1.00	0.00
17.58	81.62	2.00	0.00	1.00	0.00	17.59	82.17	2.00	0.00	1.00	0.00
17.60	82.64	2.00	0.00	1.00	0.00	17.61	83.06	2.00	0.00	1.00	0.00
17.62	83.58	2.00	0.00	1.00	0.00	17.63	84.12	2.00	0.00	1.00	0.00
17.64	84.54	2.00	0.00	1.00	0.00	17.65	84.80	2.00	0.00	1.00	0.00
17.66	85.00	2.00	0.00	1.00	0.00	17.67	85.33	2.00	0.00	1.00	0.00
17.68	85.83	2.00	0.00	1.00	0.00	17.69	86.21	2.00	0.00	1.00	0.00
17.70	86.34	2.00	0.00	1.00	0.00	17.71	86.14	2.00	0.00	1.00	0.00
17.72	85.95	2.00	0.00	1.00	0.00	17.73	85.84	2.00	0.00	1.00	0.00
17.74	84.87	2.00	0.00	1.00	0.00	17.75	83.87	2.00	0.00	1.00	0.00
17.76	83.14	2.00	0.00	1.00	0.00	17.77	83.58	2.00	0.00	1.00	0.00
17.78	84.20	2.00	0.00	1.00	0.00	17.79	84.86	2.00	0.00	1.00	0.00
17.80	85.55	2.00	0.00	1.00	0.00	17.81	86.12	2.00	0.00	1.00	0.00
17.82	86.72	2.00	0.00	1.00	0.00	17.83	87.34	2.00	0.00	1.00	0.00
17.84	88.14	2.00	0.00	1.00	0.00	17.85	89.13	2.00	0.00	1.00	0.00
17.86	90.23	2.00	0.00	1.00	0.00	17.87	91.27	2.00	0.00	1.00	0.00
17.88	92.11	2.00	0.00	1.00	0.00	17.89	92.85	2.00	0.00	1.00	0.00
17.90	93.61	2.00	0.00	1.00	0.00	17.91	94.06	2.00	0.00	1.00	0.00
17.92	94.33	2.00	0.00	1.00	0.00	17.93	94.57	2.00	0.00	1.00	0.00
17.94	94.98	2.00	0.00	1.00	0.00	17.95	95.51	2.00	0.00	1.00	0.00
17.96	96.13	2.00	0.00	1.00	0.00	17.97	96.54	2.00	0.00	1.00	0.00
17.98	96.95	2.00	0.00	1.00	0.00	17.99	97.78	2.00	0.00	1.00	0.00
18.00	98.90	2.00	0.00	1.00	0.00	18.01	100.15	2.00	0.00	1.00	0.00
18.02	101.00	2.00	0.00	1.00	0.00	18.03	101.70	2.00	0.00	1.00	0.00
18.04	102.14	2.00	0.00	1.00	0.00	18.05	102.83	2.00	0.00	1.00	0.00
18.06	103.46	2.00	0.00	1.00	0.00	18.07	104.11	2.00	0.00	1.00	0.00
18.08	104.05	2.00	0.00	1.00	0.00	18.09	103.79	2.00	0.00	1.00	0.00
18.10	103.27	2.00	0.00	1.00	0.00	18.11	102.74	2.00	0.00	1.00	0.00
18.12	102.19	2.00	0.00	1.00	0.00	18.13	101.52	2.00	0.00	1.00	0.00
18.14	100.78	2.00	0.00	1.00	0.00	18.15	100.18	2.00	0.00	1.00	0.00
18.16	99.84	2.00	0.00	1.00	0.00	18.17	99.63	2.00	0.00	1.00	0.00
18.18	99.38	2.00	0.00	1.00	0.00	18.19	98.97	2.00	0.00	1.00	0.00
18.20	98.66	2.00	0.00	1.00	0.00	18.21	98.41	2.00	0.00	1.00	0.00
18.22	98.56	2.00	0.00	1.00	0.00	18.23	98.96	2.00	0.00	1.00	0.00
18.24	99.55	2.00	0.00	1.00	0.00	18.25	99.99	2.00	0.00	1.00	0.00
18.26	100.38	2.00	0.00	1.00	0.00	18.27	100.58	2.00	0.00	1.00	0.00



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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	100.62	2.00	0.00	1.00	0.00	18.29	100.42	2.00	0.00	1.00	0.00
18.30	100.04	2.00	0.00	1.00	0.00	18.31	99.65	2.00	0.00	1.00	0.00
18.32	99.18	2.00	0.00	1.00	0.00	18.33	98.32	2.00	0.00	1.00	0.00
18.34	97.29	2.00	0.00	1.00	0.00	18.35	96.24	2.00	0.00	1.00	0.00
18.36	95.19	2.00	0.00	1.00	0.00	18.37	94.12	2.00	0.00	1.00	0.00
18.38	92.91	2.00	0.00	1.00	0.00	18.39	91.52	2.00	0.00	1.00	0.00
18.40	90.09	2.00	0.00	1.00	0.00	18.41	88.90	2.00	0.00	1.00	0.00
18.42	87.57	2.00	0.00	1.00	0.00	18.43	86.40	2.00	0.00	1.00	0.00
18.44	84.96	2.00	0.00	1.00	0.00	18.45	84.01	2.00	0.00	1.00	0.00
18.46	83.40	2.00	0.00	1.00	0.00	18.47	83.05	2.00	0.00	1.00	0.00
18.48	82.58	2.00	0.00	1.00	0.00	18.49	81.84	2.00	0.00	1.00	0.00
18.50	81.03	2.00	0.00	1.00	0.00	18.51	80.32	2.00	0.00	1.00	0.00
18.52	79.17	2.00	0.00	1.00	0.00	18.53	77.86	2.00	0.00	1.00	0.00
18.54	76.72	2.00	0.00	1.00	0.00	18.55	75.48	2.00	0.00	1.00	0.00
18.56	74.25	2.00	0.00	1.00	0.00	18.57	73.18	2.00	0.00	1.00	0.00
18.58	72.81	2.00	0.00	1.00	0.00	18.59	72.41	2.00	0.00	1.00	0.00
18.60	71.65	2.00	0.00	1.00	0.00	18.61	71.18	2.00	0.00	1.00	0.00
18.62	71.29	2.00	0.00	1.00	0.00	18.63	71.89	2.00	0.00	1.00	0.00
18.64	72.13	2.00	0.00	1.00	0.00	18.65	72.17	2.00	0.00	1.00	0.00
18.66	72.31	2.00	0.00	1.00	0.00	18.67	72.77	2.00	0.00	1.00	0.00
18.68	73.29	2.00	0.00	1.00	0.00	18.69	73.90	2.00	0.00	1.00	0.00
18.70	74.32	2.00	0.00	1.00	0.00	18.71	74.68	2.00	0.00	1.00	0.00
18.72	74.83	2.00	0.00	1.00	0.00	18.73	74.87	2.00	0.00	1.00	0.00
18.74	72.53	2.00	0.00	1.00	0.00	18.75	70.75	2.00	0.00	1.00	0.00
18.76	69.35	2.00	0.00	1.00	0.00	18.77	70.06	2.00	0.00	1.00	0.00
18.78	70.22	2.00	0.00	1.00	0.00	18.79	70.04	2.00	0.00	1.00	0.00
18.80	70.27	2.00	0.00	1.00	0.00	18.81	70.28	2.00	0.00	1.00	0.00
18.82	70.16	2.00	0.00	1.00	0.00	18.83	69.80	2.00	0.00	1.00	0.00
18.84	69.67	2.00	0.00	1.00	0.00	18.85	69.77	2.00	0.00	1.00	0.00
18.86	69.90	2.00	0.00	1.00	0.00	18.87	69.57	2.00	0.00	1.00	0.00
18.88	68.87	2.00	0.00	1.00	0.00	18.89	67.91	2.00	0.00	1.00	0.00
18.90	67.18	2.00	0.00	1.00	0.00	18.91	66.62	2.00	0.00	1.00	0.00
18.92	66.55	2.00	0.00	1.00	0.00	18.93	66.71	2.00	0.00	1.00	0.00
18.94	66.63	2.00	0.00	1.00	0.00	18.95	65.39	2.00	0.00	1.00	0.00
18.96	62.76	2.00	0.00	1.00	0.00	18.97	58.68	2.00	0.00	1.00	0.00
18.98	55.81	2.00	0.00	1.00	0.00	18.99	54.88	2.00	0.00	1.00	0.00
19.00	59.58	2.00	0.00	1.00	0.00	19.01	64.93	2.00	0.00	1.00	0.00
19.02	69.97	2.00	0.00	1.00	0.00	19.03	72.31	2.00	0.00	1.00	0.00
19.04	73.75	2.00	0.00	1.00	0.00	19.05	74.75	2.00	0.00	1.00	0.00
19.06	74.44	2.00	0.00	1.00	0.00	19.07	73.97	2.00	0.00	1.00	0.00
19.08	73.55	2.00	0.00	1.00	0.00	19.09	74.64	2.00	0.00	1.00	0.00
19.10	76.20	2.00	0.00	1.00	0.00	19.11	78.01	2.00	0.00	1.00	0.00
19.12	79.31	2.00	0.00	1.00	0.00	19.13	80.09	2.00	0.00	1.00	0.00
19.14	80.08	2.00	0.00	1.00	0.00	19.15	77.28	2.00	0.00	1.00	0.00
19.16	73.34	2.00	0.00	1.00	0.00	19.17	69.10	2.00	0.00	1.00	0.00
19.18	67.12	2.00	0.00	1.00	0.00	19.19	66.43	2.00	0.00	1.00	0.00
19.20	66.63	2.00	0.00	1.00	0.00	19.21	67.88	2.00	0.00	1.00	0.00
19.22	69.60	2.00	0.00	1.00	0.00	19.23	72.10	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	74.34	2.00	0.00	1.00	0.00	19.25	76.41	2.00	0.00	1.00	0.00
19.26	77.75	2.00	0.00	1.00	0.00	19.27	78.99	2.00	0.00	1.00	0.00
19.28	80.11	2.00	0.00	1.00	0.00	19.29	81.27	2.00	0.00	1.00	0.00
19.30	81.45	2.00	0.00	1.00	0.00	19.31	81.39	2.00	0.00	1.00	0.00
19.32	80.94	2.00	0.00	1.00	0.00	19.33	81.76	2.00	0.00	1.00	0.00
19.34	83.05	2.00	0.00	1.00	0.00	19.35	84.89	2.00	0.00	1.00	0.00
19.36	86.13	2.00	0.00	1.00	0.00	19.37	86.57	2.00	0.00	1.00	0.00
19.38	85.89	2.00	0.00	1.00	0.00	19.39	84.75	2.00	0.00	1.00	0.00
19.40	83.81	2.00	0.00	1.00	0.00	19.41	83.66	2.00	0.00	1.00	0.00
19.42	84.50	2.00	0.00	1.00	0.00	19.43	86.44	2.00	0.00	1.00	0.00
19.44	88.95	2.00	0.00	1.00	0.00	19.45	91.81	2.00	0.00	1.00	0.00
19.46	93.59	2.00	0.00	1.00	0.00	19.47	94.58	2.00	0.00	1.00	0.00
19.48	94.86	2.00	0.00	1.00	0.00	19.49	95.52	2.00	0.00	1.00	0.00
19.50	96.47	2.00	0.00	1.00	0.00	19.51	98.87	2.00	0.00	1.00	0.00
19.52	101.52	2.00	0.00	1.00	0.00	19.53	103.86	2.00	0.00	1.00	0.00
19.54	104.80	2.00	0.00	1.00	0.00	19.55	104.89	2.00	0.00	1.00	0.00
19.56	104.50	2.00	0.00	1.00	0.00	19.57	103.16	2.00	0.00	1.00	0.00
19.58	101.49	2.00	0.00	1.00	0.00	19.59	99.56	2.00	0.00	1.00	0.00
19.60	98.39	2.00	0.00	1.00	0.00	19.61	96.90	2.00	0.00	1.00	0.00
19.62	95.24	2.00	0.00	1.00	0.00	19.63	93.18	2.00	0.00	1.00	0.00
19.64	91.16	2.00	0.00	1.00	0.00	19.65	88.93	2.00	0.00	1.00	0.00
19.66	87.02	2.00	0.00	1.00	0.00	19.67	85.68	2.00	0.00	1.00	0.00
19.68	84.92	2.00	0.00	1.00	0.00	19.69	83.96	2.00	0.00	1.00	0.00
19.70	82.65	2.00	0.00	1.00	0.00	19.71	80.64	2.00	0.00	1.00	0.00
19.72	79.04	2.00	0.00	1.00	0.00	19.73	77.99	2.00	0.00	1.00	0.00
19.74	74.97	2.00	0.00	1.00	0.00	19.75	71.90	2.00	0.00	1.00	0.00
19.76	69.18	2.00	0.00	1.00	0.00	19.77	70.07	2.00	0.00	1.00	0.00
19.78	70.84	2.00	0.00	1.00	0.00	19.79	71.54	2.00	0.00	1.00	0.00
19.80	72.26	2.00	0.00	1.00	0.00	19.81	73.13	2.00	0.00	1.00	0.00
19.82	75.00	2.00	0.00	1.00	0.00	19.83	77.31	2.00	0.00	1.00	0.00
19.84	80.29	2.00	0.00	1.00	0.00	19.85	83.29	2.00	0.00	1.00	0.00
19.86	85.51	2.00	0.00	1.00	0.00	19.87	86.97	2.00	0.00	1.00	0.00
19.88	87.20	2.00	0.00	1.00	0.00	19.89	87.27	2.00	0.00	1.00	0.00
19.90	87.34	2.00	0.00	1.00	0.00	19.91	87.33	2.00	0.00	1.00	0.00
19.92	86.67	2.00	0.00	1.00	0.00	19.93	85.48	2.00	0.00	1.00	0.00
19.94	83.91	2.00	0.00	1.00	0.00	19.95	82.49	2.00	0.00	1.00	0.00
19.96	80.77	2.00	0.00	1.00	0.00	19.97	78.01	2.00	0.00	1.00	0.00
19.98	75.37	2.00	0.00	1.00	0.00	19.99	73.19	2.00	0.00	1.00	0.00
20.00	72.52	2.00	0.00	1.00	0.00	20.01	72.16	2.00	0.00	1.00	0.00
20.02	71.41	2.00	0.00	1.00	0.00	20.03	69.70	2.00	0.00	1.00	0.00
20.04	68.42	2.00	0.00	1.00	0.00	20.05	67.88	2.00	0.00	1.00	0.00
20.06	68.63	2.00	0.00	1.00	0.00	20.07	69.19	2.00	0.00	1.00	0.00
20.08	69.67	2.00	0.00	1.00	0.00	20.09	69.78	2.00	0.00	1.00	0.00
20.10	69.82	2.00	0.00	1.00	0.00	20.11	70.13	2.00	0.00	1.00	0.00
20.12	71.53	2.00	0.00	1.00	0.00	20.13	73.08	2.00	0.00	1.00	0.00
20.14	74.86	2.00	0.00	1.00	0.00	20.15	77.64	2.00	0.00	1.00	0.00
20.16	80.58	2.00	0.00	1.00	0.00	20.17	82.84	2.00	0.00	1.00	0.00
20.18	83.26	2.00	0.00	1.00	0.00	20.19	83.88	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	84.56	2.00	0.00	1.00	0.00	20.21	85.84	2.00	0.00	1.00	0.00
20.22	86.49	2.00	0.00	1.00	0.00						

**Total estimated settlement: 11.85****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**

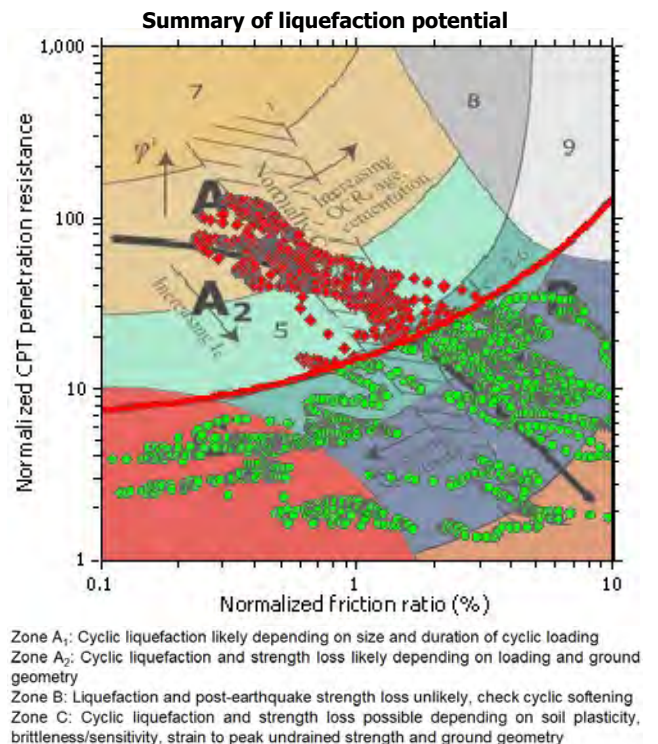
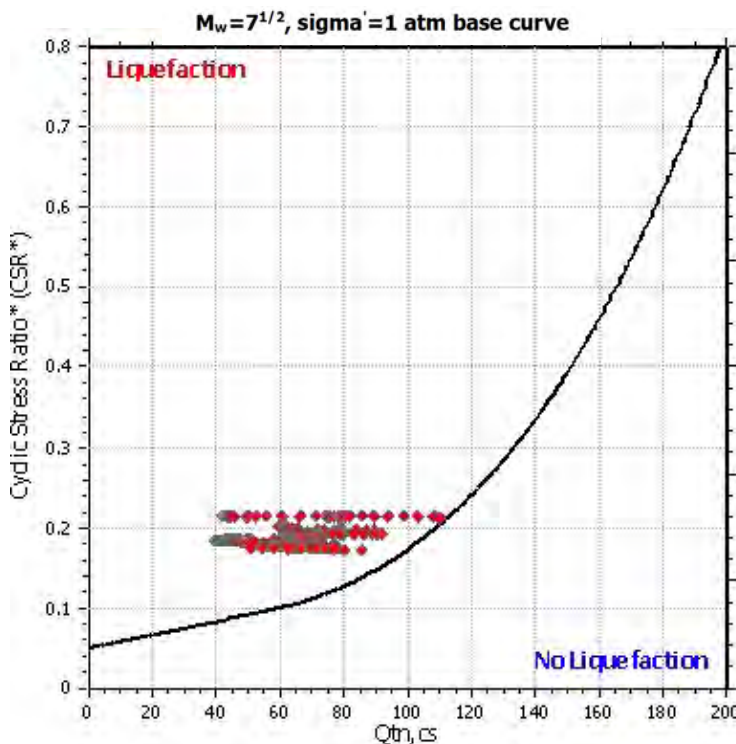
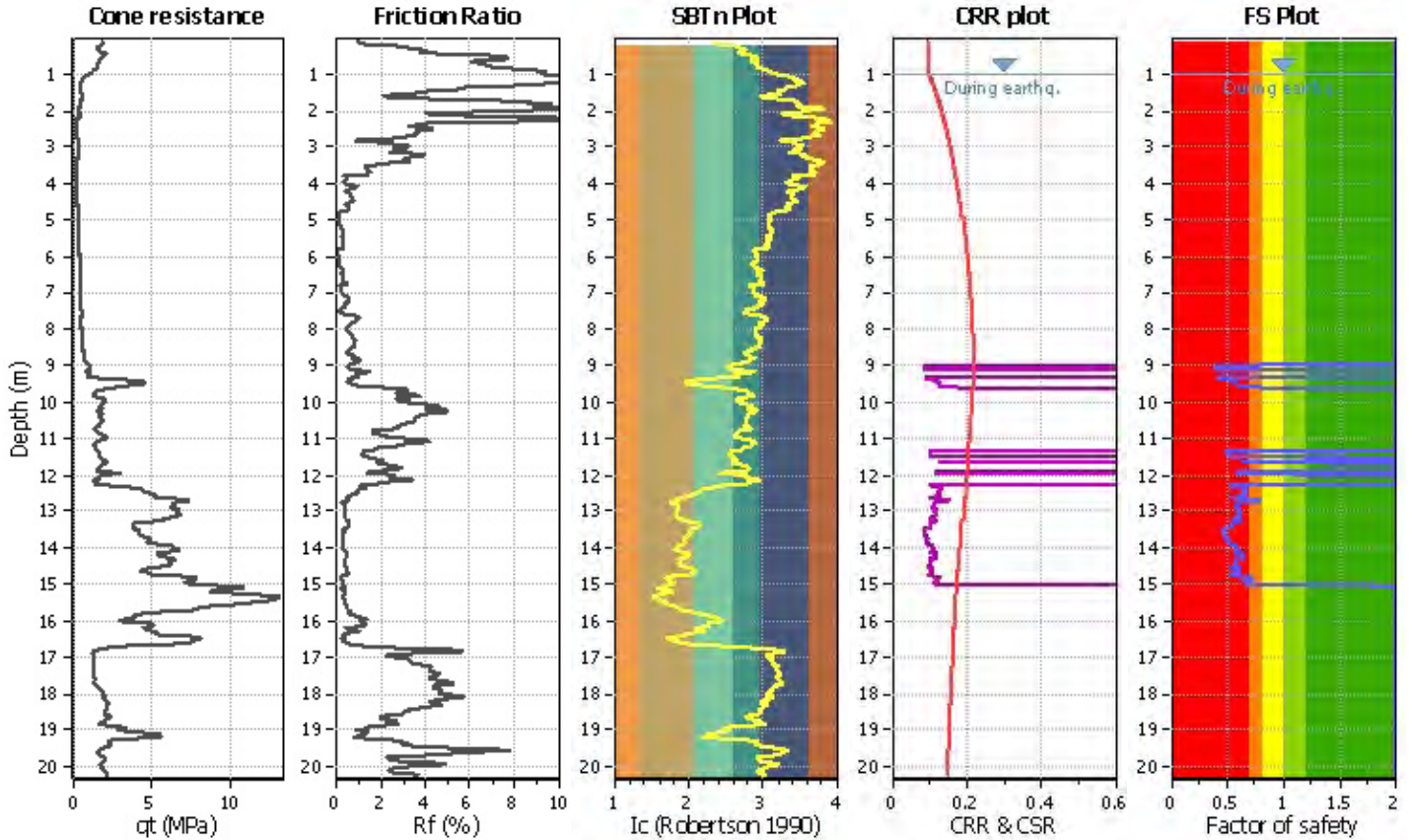
**Project title :**

**Location :**

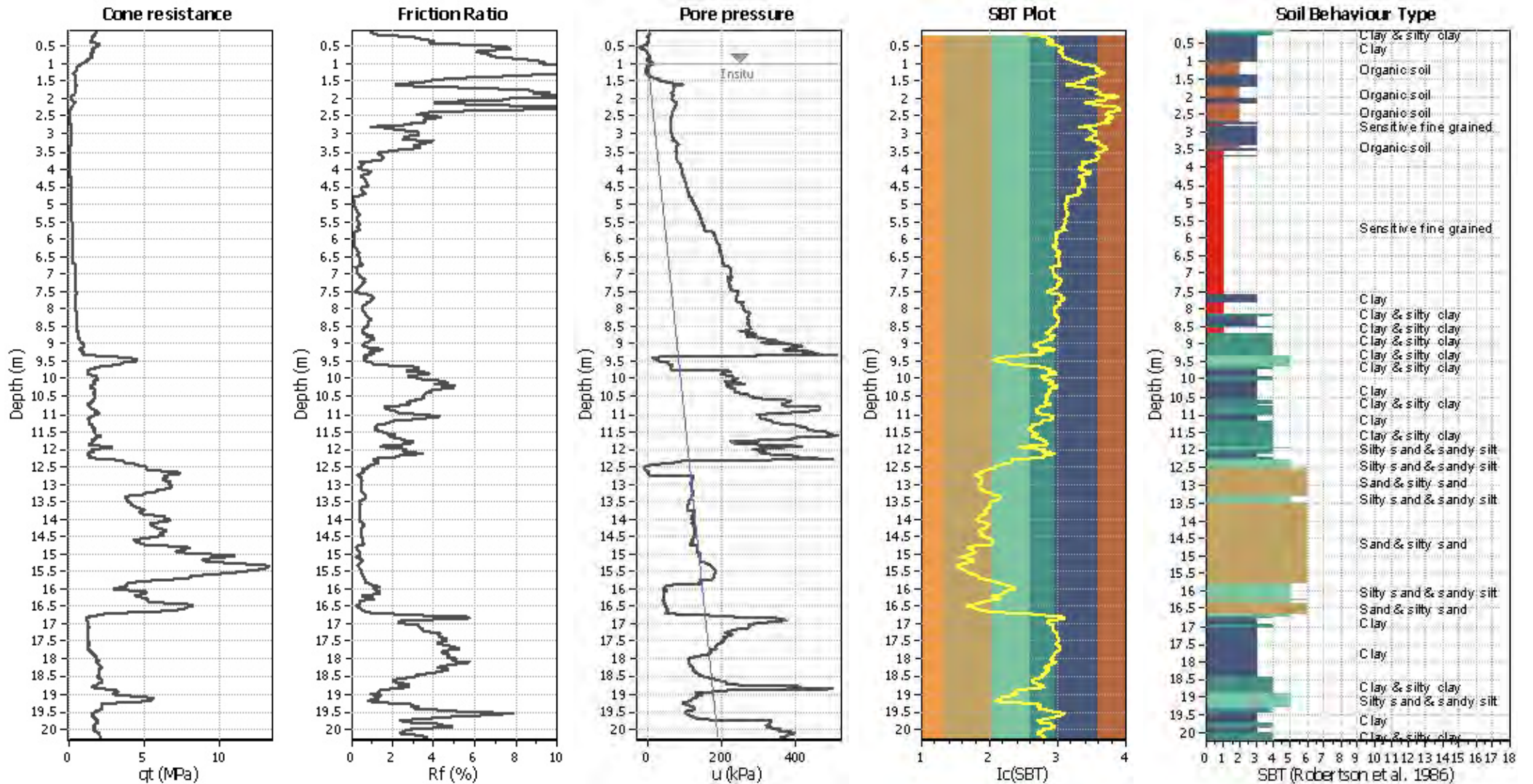
**CPT file : CPTU3 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	5.75	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



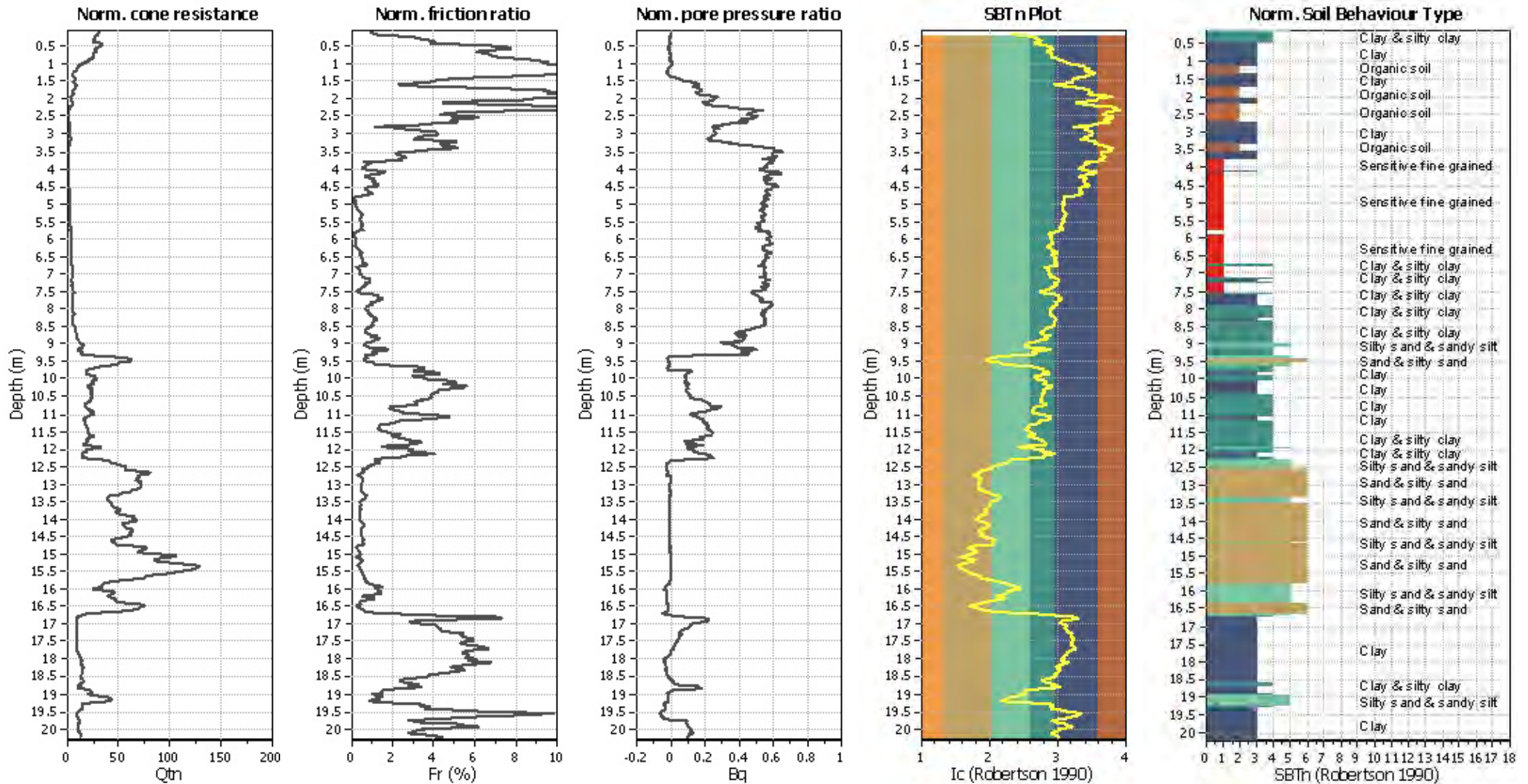
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



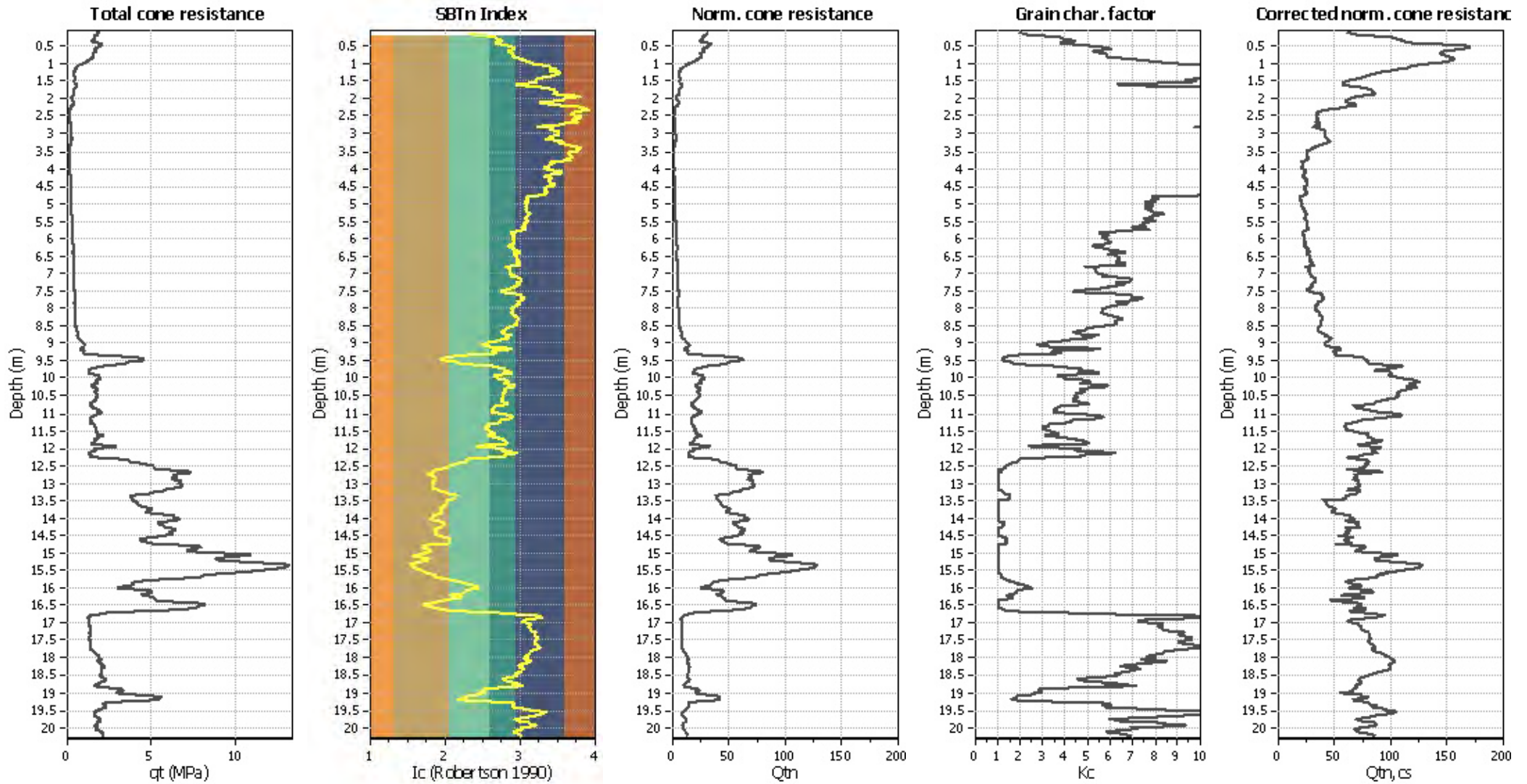
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

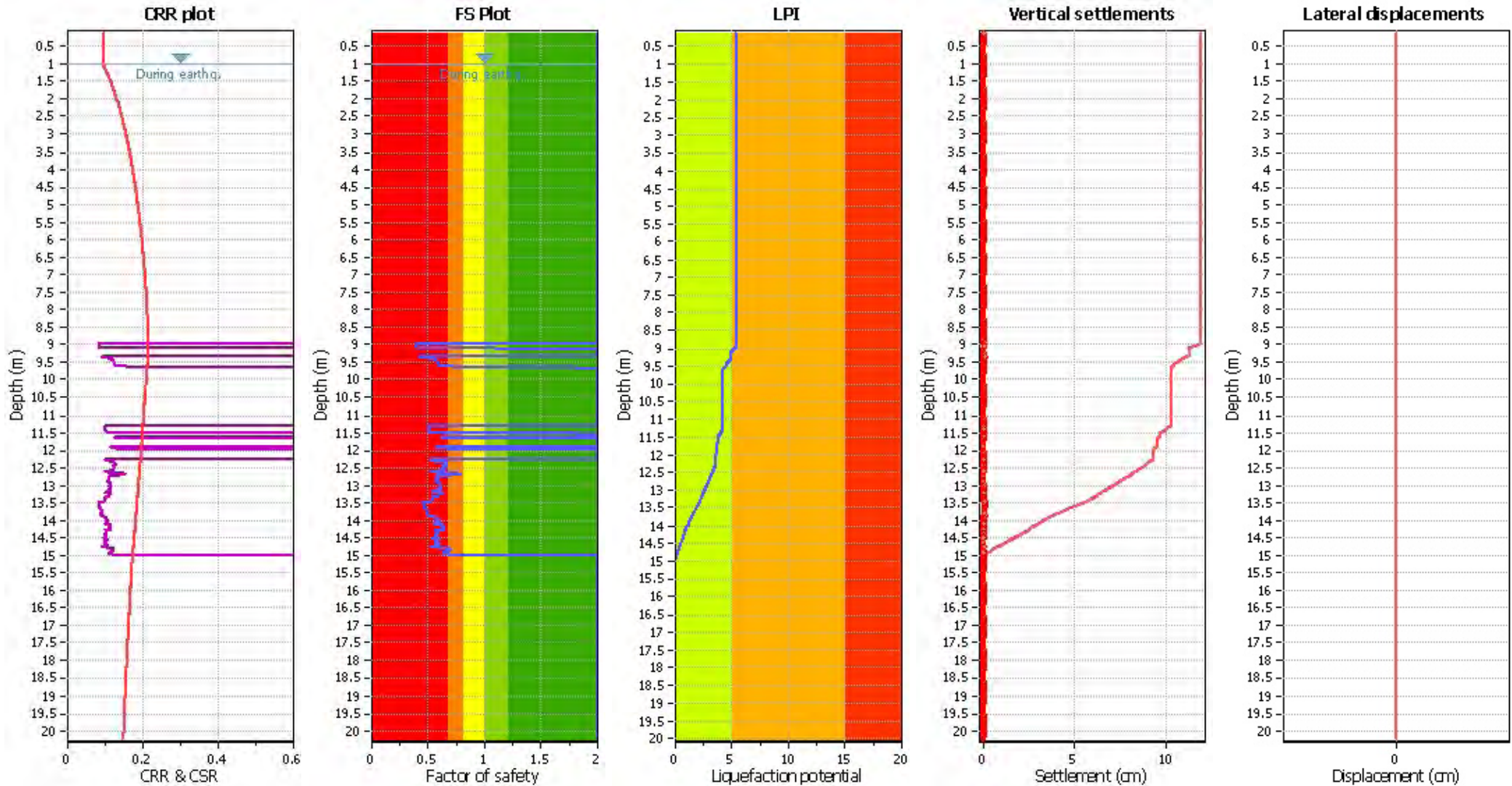
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

**F.S. color scheme**

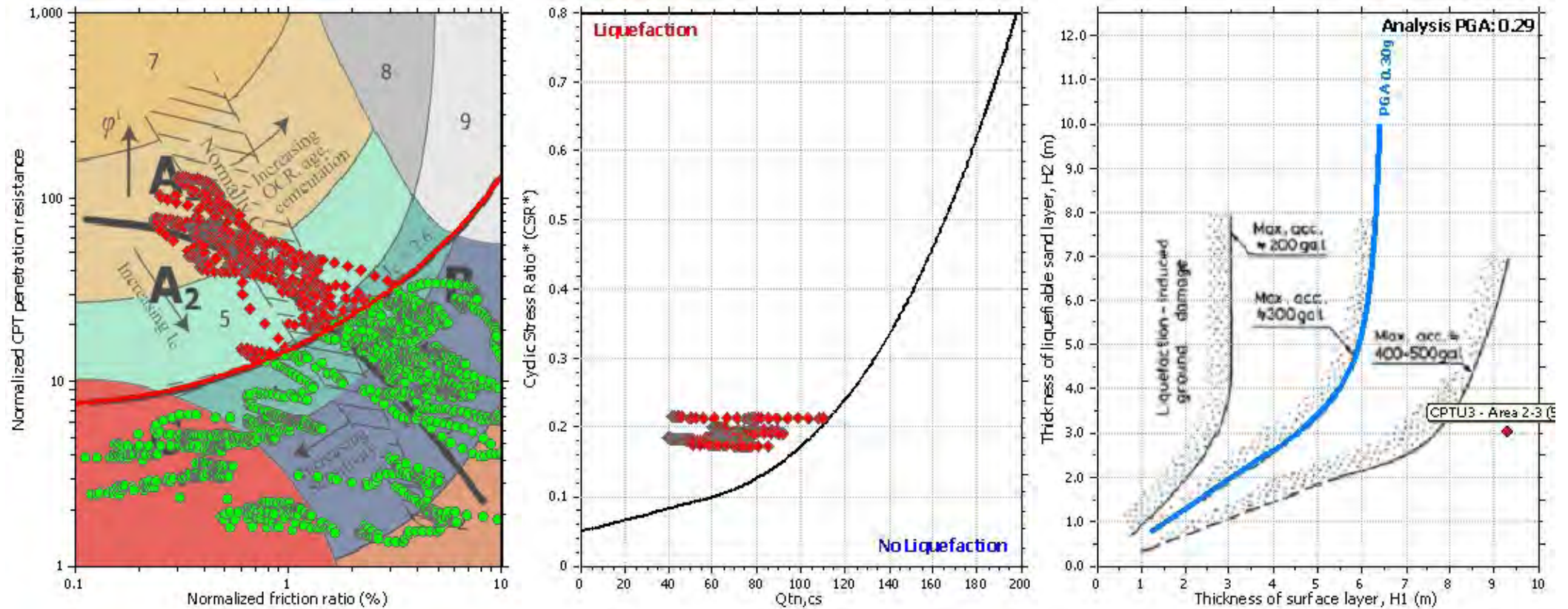
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

**LPI color scheme**

- Very high risk
- High risk
- Low risk



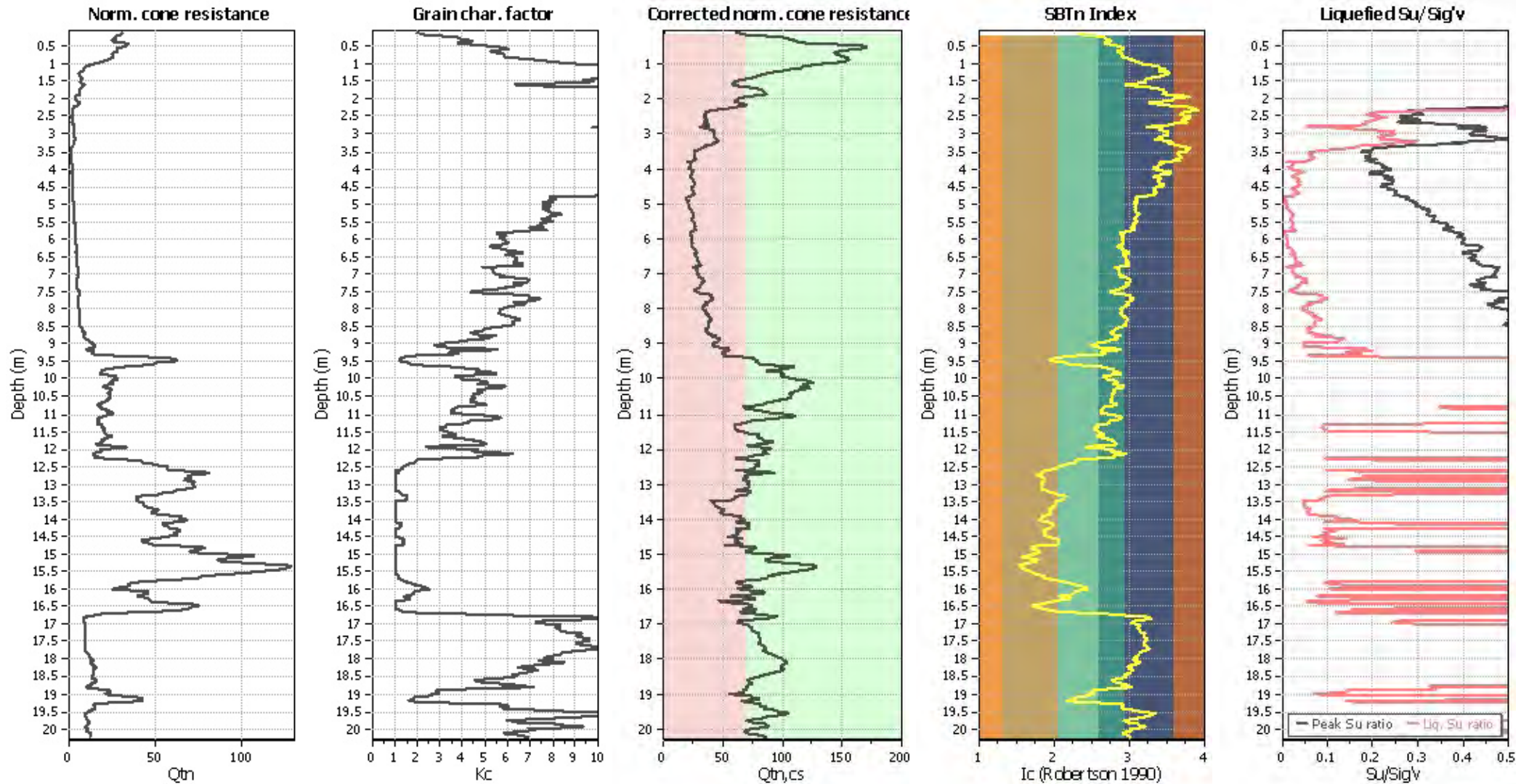
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>o</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	5.75	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.12	2.00	0.00	9.94	0.01	0.00	0.13	2.00	0.00	9.94	0.01	0.00
0.14	2.00	0.00	9.93	0.01	0.00	0.15	2.00	0.00	9.93	0.01	0.00
0.16	2.00	0.00	9.92	0.01	0.00	0.17	2.00	0.00	9.91	0.01	0.00
0.18	2.00	0.00	9.91	0.01	0.00	0.19	2.00	0.00	9.90	0.01	0.00
0.20	2.00	0.00	9.90	0.01	0.00	0.21	2.00	0.00	9.89	0.01	0.00
0.22	2.00	0.00	9.89	0.01	0.00	0.23	2.00	0.00	9.88	0.01	0.00
0.24	2.00	0.00	9.88	0.01	0.00	0.25	2.00	0.00	9.88	0.01	0.00
0.26	2.00	0.00	9.87	0.01	0.00	0.27	2.00	0.00	9.87	0.01	0.00
0.28	2.00	0.00	9.86	0.01	0.00	0.29	2.00	0.00	9.86	0.01	0.00
0.30	2.00	0.00	9.85	0.01	0.00	0.31	2.00	0.00	9.85	0.01	0.00
0.32	2.00	0.00	9.84	0.01	0.00	0.33	2.00	0.00	9.84	0.01	0.00
0.34	2.00	0.00	9.83	0.01	0.00	0.35	2.00	0.00	9.82	0.01	0.00
0.36	2.00	0.00	9.82	0.01	0.00	0.37	2.00	0.00	9.81	0.01	0.00
0.38	2.00	0.00	9.81	0.01	0.00	0.39	2.00	0.00	9.80	0.01	0.00
0.40	2.00	0.00	9.80	0.01	0.00	0.41	2.00	0.00	9.79	0.01	0.00
0.42	2.00	0.00	9.79	0.01	0.00	0.43	2.00	0.00	9.79	0.01	0.00
0.44	2.00	0.00	9.78	0.01	0.00	0.45	2.00	0.00	9.78	0.01	0.00
0.46	2.00	0.00	9.77	0.01	0.00	0.47	2.00	0.00	9.77	0.01	0.00
0.48	2.00	0.00	9.76	0.01	0.00	0.49	2.00	0.00	9.76	0.01	0.00
0.50	2.00	0.00	9.75	0.01	0.00	0.51	2.00	0.00	9.74	0.01	0.00
0.52	2.00	0.00	9.74	0.01	0.00	0.53	2.00	0.00	9.73	0.01	0.00
0.54	2.00	0.00	9.73	0.01	0.00	0.55	2.00	0.00	9.72	0.01	0.00
0.56	2.00	0.00	9.72	0.01	0.00	0.57	2.00	0.00	9.71	0.01	0.00
0.58	2.00	0.00	9.71	0.01	0.00	0.59	2.00	0.00	9.71	0.01	0.00
0.60	2.00	0.00	9.70	0.01	0.00	0.61	2.00	0.00	9.70	0.01	0.00
0.62	2.00	0.00	9.69	0.01	0.00	0.63	2.00	0.00	9.69	0.01	0.00
0.64	2.00	0.00	9.68	0.01	0.00	0.65	2.00	0.00	9.68	0.01	0.00
0.66	2.00	0.00	9.67	0.01	0.00	0.67	2.00	0.00	9.66	0.01	0.00
0.68	2.00	0.00	9.66	0.01	0.00	0.69	2.00	0.00	9.65	0.01	0.00
0.70	2.00	0.00	9.65	0.01	0.00	0.71	2.00	0.00	9.64	0.01	0.00
0.72	2.00	0.00	9.64	0.01	0.00	0.73	2.00	0.00	9.63	0.01	0.00
0.74	2.00	0.00	9.63	0.01	0.00	0.75	2.00	0.00	9.63	0.01	0.00
0.76	2.00	0.00	9.62	0.01	0.00	0.77	2.00	0.00	9.62	0.01	0.00
0.78	2.00	0.00	9.61	0.01	0.00	0.79	2.00	0.00	9.61	0.01	0.00
0.80	2.00	0.00	9.60	0.01	0.00	0.81	2.00	0.00	9.60	0.01	0.00
0.82	2.00	0.00	9.59	0.01	0.00	0.83	2.00	0.00	9.59	0.01	0.00
0.84	2.00	0.00	9.58	0.01	0.00	0.85	2.00	0.00	9.57	0.01	0.00
0.86	2.00	0.00	9.57	0.01	0.00	0.87	2.00	0.00	9.56	0.01	0.00
0.88	2.00	0.00	9.56	0.01	0.00	0.89	2.00	0.00	9.55	0.01	0.00
0.90	2.00	0.00	9.55	0.01	0.00	0.91	2.00	0.00	9.54	0.01	0.00
0.92	2.00	0.00	9.54	0.01	0.00	0.93	2.00	0.00	9.54	0.01	0.00
0.94	2.00	0.00	9.53	0.01	0.00	0.95	2.00	0.00	9.53	0.01	0.00
0.96	2.00	0.00	9.52	0.01	0.00	0.97	2.00	0.00	9.52	0.01	0.00
0.98	2.00	0.00	9.51	0.01	0.00	0.99	2.00	0.00	9.51	0.01	0.00
1.00	2.00	0.00	9.50	0.01	0.00	1.01	2.00	0.00	9.49	0.01	0.00
1.02	2.00	0.00	9.49	0.01	0.00	1.03	2.00	0.00	9.48	0.01	0.00
1.04	2.00	0.00	9.48	0.01	0.00	1.05	2.00	0.00	9.47	0.01	0.00
1.06	2.00	0.00	9.47	0.01	0.00	1.07	2.00	0.00	9.46	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.08	2.00	0.00	9.46	0.01	0.00	1.09	2.00	0.00	9.46	0.01	0.00
1.10	2.00	0.00	9.45	0.01	0.00	1.11	2.00	0.00	9.45	0.01	0.00
1.12	2.00	0.00	9.44	0.01	0.00	1.13	2.00	0.00	9.44	0.01	0.00
1.14	2.00	0.00	9.43	0.01	0.00	1.15	2.00	0.00	9.43	0.01	0.00
1.16	2.00	0.00	9.42	0.01	0.00	1.17	2.00	0.00	9.41	0.01	0.00
1.18	2.00	0.00	9.41	0.01	0.00	1.19	2.00	0.00	9.40	0.01	0.00
1.20	2.00	0.00	9.40	0.01	0.00	1.21	2.00	0.00	9.39	0.01	0.00
1.22	2.00	0.00	9.39	0.01	0.00	1.23	2.00	0.00	9.38	0.01	0.00
1.24	2.00	0.00	9.38	0.01	0.00	1.25	2.00	0.00	9.38	0.01	0.00
1.26	2.00	0.00	9.37	0.01	0.00	1.27	2.00	0.00	9.37	0.01	0.00
1.28	2.00	0.00	9.36	0.01	0.00	1.29	2.00	0.00	9.36	0.01	0.00
1.30	2.00	0.00	9.35	0.01	0.00	1.31	2.00	0.00	9.35	0.01	0.00
1.32	2.00	0.00	9.34	0.01	0.00	1.33	2.00	0.00	9.34	0.01	0.00
1.34	2.00	0.00	9.33	0.01	0.00	1.35	2.00	0.00	9.32	0.01	0.00
1.36	2.00	0.00	9.32	0.01	0.00	1.37	2.00	0.00	9.31	0.01	0.00
1.38	2.00	0.00	9.31	0.01	0.00	1.39	2.00	0.00	9.30	0.01	0.00
1.40	2.00	0.00	9.30	0.01	0.00	1.41	2.00	0.00	9.29	0.01	0.00
1.42	2.00	0.00	9.29	0.01	0.00	1.43	2.00	0.00	9.29	0.01	0.00
1.44	2.00	0.00	9.28	0.01	0.00	1.45	2.00	0.00	9.28	0.01	0.00
1.46	2.00	0.00	9.27	0.01	0.00	1.47	2.00	0.00	9.27	0.01	0.00
1.48	2.00	0.00	9.26	0.01	0.00	1.49	2.00	0.00	9.26	0.01	0.00
1.50	2.00	0.00	9.25	0.01	0.00	1.51	2.00	0.00	9.24	0.01	0.00
1.52	2.00	0.00	9.24	0.01	0.00	1.53	2.00	0.00	9.23	0.01	0.00
1.54	2.00	0.00	9.23	0.01	0.00	1.55	2.00	0.00	9.22	0.01	0.00
1.56	2.00	0.00	9.22	0.01	0.00	1.57	2.00	0.00	9.21	0.01	0.00
1.58	2.00	0.00	9.21	0.01	0.00	1.59	2.00	0.00	9.21	0.01	0.00
1.60	2.00	0.00	9.20	0.01	0.00	1.61	2.00	0.00	9.20	0.01	0.00
1.62	2.00	0.00	9.19	0.01	0.00	1.63	2.00	0.00	9.19	0.01	0.00
1.64	2.00	0.00	9.18	0.01	0.00	1.65	2.00	0.00	9.18	0.01	0.00
1.66	2.00	0.00	9.17	0.01	0.00	1.67	2.00	0.00	9.16	0.01	0.00
1.68	2.00	0.00	9.16	0.01	0.00	1.69	2.00	0.00	9.15	0.01	0.00
1.70	2.00	0.00	9.15	0.01	0.00	1.71	2.00	0.00	9.14	0.01	0.00
1.72	2.00	0.00	9.14	0.01	0.00	1.73	2.00	0.00	9.13	0.01	0.00
1.74	2.00	0.00	9.13	0.01	0.00	1.75	2.00	0.00	9.13	0.01	0.00
1.76	2.00	0.00	9.12	0.01	0.00	1.77	2.00	0.00	9.12	0.01	0.00
1.78	2.00	0.00	9.11	0.01	0.00	1.79	2.00	0.00	9.11	0.01	0.00
1.80	2.00	0.00	9.10	0.01	0.00	1.81	2.00	0.00	9.10	0.01	0.00
1.82	2.00	0.00	9.09	0.01	0.00	1.83	2.00	0.00	9.09	0.01	0.00
1.84	2.00	0.00	9.08	0.01	0.00	1.85	2.00	0.00	9.07	0.01	0.00
1.86	2.00	0.00	9.07	0.01	0.00	1.87	2.00	0.00	9.06	0.01	0.00
1.88	2.00	0.00	9.06	0.01	0.00	1.89	2.00	0.00	9.05	0.01	0.00
1.90	2.00	0.00	9.05	0.01	0.00	1.91	2.00	0.00	9.04	0.01	0.00
1.92	2.00	0.00	9.04	0.01	0.00	1.93	2.00	0.00	9.04	0.01	0.00
1.94	2.00	0.00	9.03	0.01	0.00	1.95	2.00	0.00	9.03	0.01	0.00
1.96	2.00	0.00	9.02	0.01	0.00	1.97	2.00	0.00	9.02	0.01	0.00
1.98	2.00	0.00	9.01	0.01	0.00	1.99	2.00	0.00	9.01	0.01	0.00
2.00	2.00	0.00	9.00	0.01	0.00	2.01	2.00	0.00	8.99	0.01	0.00
2.02	2.00	0.00	8.99	0.01	0.00	2.03	2.00	0.00	8.98	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.04	2.00	0.00	8.98	0.01	0.00	2.05	2.00	0.00	8.97	0.01	0.00
2.06	2.00	0.00	8.97	0.01	0.00	2.07	2.00	0.00	8.96	0.01	0.00
2.08	2.00	0.00	8.96	0.01	0.00	2.09	2.00	0.00	8.96	0.01	0.00
2.10	2.00	0.00	8.95	0.01	0.00	2.11	2.00	0.00	8.95	0.01	0.00
2.12	2.00	0.00	8.94	0.01	0.00	2.13	2.00	0.00	8.94	0.01	0.00
2.14	2.00	0.00	8.93	0.01	0.00	2.15	2.00	0.00	8.93	0.01	0.00
2.16	2.00	0.00	8.92	0.01	0.00	2.17	2.00	0.00	8.91	0.01	0.00
2.18	2.00	0.00	8.91	0.01	0.00	2.19	2.00	0.00	8.90	0.01	0.00
2.20	2.00	0.00	8.90	0.01	0.00	2.21	2.00	0.00	8.89	0.01	0.00
2.22	2.00	0.00	8.89	0.01	0.00	2.23	2.00	0.00	8.88	0.01	0.00
2.24	2.00	0.00	8.88	0.01	0.00	2.25	2.00	0.00	8.88	0.01	0.00
2.26	2.00	0.00	8.87	0.01	0.00	2.27	2.00	0.00	8.87	0.01	0.00
2.28	2.00	0.00	8.86	0.01	0.00	2.29	2.00	0.00	8.86	0.01	0.00
2.30	2.00	0.00	8.85	0.01	0.00	2.31	2.00	0.00	8.85	0.01	0.00
2.32	2.00	0.00	8.84	0.01	0.00	2.33	2.00	0.00	8.84	0.01	0.00
2.34	2.00	0.00	8.83	0.01	0.00	2.35	2.00	0.00	8.82	0.01	0.00
2.36	2.00	0.00	8.82	0.01	0.00	2.37	2.00	0.00	8.81	0.01	0.00
2.38	2.00	0.00	8.81	0.01	0.00	2.39	2.00	0.00	8.80	0.01	0.00
2.40	2.00	0.00	8.80	0.01	0.00	2.41	2.00	0.00	8.79	0.01	0.00
2.42	2.00	0.00	8.79	0.01	0.00	2.43	2.00	0.00	8.79	0.01	0.00
2.44	2.00	0.00	8.78	0.01	0.00	2.45	2.00	0.00	8.78	0.01	0.00
2.46	2.00	0.00	8.77	0.01	0.00	2.47	2.00	0.00	8.77	0.01	0.00
2.48	2.00	0.00	8.76	0.01	0.00	2.49	2.00	0.00	8.76	0.01	0.00
2.50	2.00	0.00	8.75	0.01	0.00	2.51	2.00	0.00	8.74	0.01	0.00
2.52	2.00	0.00	8.74	0.01	0.00	2.53	2.00	0.00	8.73	0.01	0.00
2.54	2.00	0.00	8.73	0.01	0.00	2.55	2.00	0.00	8.72	0.01	0.00
2.56	2.00	0.00	8.72	0.01	0.00	2.57	2.00	0.00	8.71	0.01	0.00
2.58	2.00	0.00	8.71	0.01	0.00	2.59	2.00	0.00	8.71	0.01	0.00
2.60	2.00	0.00	8.70	0.01	0.00	2.61	2.00	0.00	8.70	0.01	0.00
2.62	2.00	0.00	8.69	0.01	0.00	2.63	2.00	0.00	8.69	0.01	0.00
2.64	2.00	0.00	8.68	0.01	0.00	2.65	2.00	0.00	8.68	0.01	0.00
2.66	2.00	0.00	8.67	0.01	0.00	2.67	2.00	0.00	8.66	0.01	0.00
2.68	2.00	0.00	8.66	0.01	0.00	2.69	2.00	0.00	8.65	0.01	0.00
2.70	2.00	0.00	8.65	0.01	0.00	2.71	2.00	0.00	8.64	0.01	0.00
2.72	2.00	0.00	8.64	0.01	0.00	2.73	2.00	0.00	8.63	0.01	0.00
2.74	2.00	0.00	8.63	0.01	0.00	2.75	2.00	0.00	8.63	0.01	0.00
2.76	2.00	0.00	8.62	0.01	0.00	2.77	2.00	0.00	8.62	0.01	0.00
2.78	2.00	0.00	8.61	0.01	0.00	2.79	2.00	0.00	8.61	0.01	0.00
2.80	2.00	0.00	8.60	0.01	0.00	2.81	2.00	0.00	8.60	0.01	0.00
2.82	2.00	0.00	8.59	0.01	0.00	2.83	2.00	0.00	8.59	0.01	0.00
2.84	2.00	0.00	8.58	0.01	0.00	2.85	2.00	0.00	8.57	0.01	0.00
2.86	2.00	0.00	8.57	0.01	0.00	2.87	2.00	0.00	8.56	0.01	0.00
2.88	2.00	0.00	8.56	0.01	0.00	2.89	2.00	0.00	8.55	0.01	0.00
2.90	2.00	0.00	8.55	0.01	0.00	2.91	2.00	0.00	8.54	0.01	0.00
2.92	2.00	0.00	8.54	0.01	0.00	2.93	2.00	0.00	8.54	0.01	0.00
2.94	2.00	0.00	8.53	0.01	0.00	2.95	2.00	0.00	8.53	0.01	0.00
2.96	2.00	0.00	8.52	0.01	0.00	2.97	2.00	0.00	8.52	0.01	0.00
2.98	2.00	0.00	8.51	0.01	0.00	2.99	2.00	0.00	8.51	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.00	2.00	0.00	8.50	0.01	0.00	3.01	2.00	0.00	8.49	0.01	0.00
3.02	2.00	0.00	8.49	0.01	0.00	3.03	2.00	0.00	8.48	0.01	0.00
3.04	2.00	0.00	8.48	0.01	0.00	3.05	2.00	0.00	8.47	0.01	0.00
3.06	2.00	0.00	8.47	0.01	0.00	3.07	2.00	0.00	8.46	0.01	0.00
3.08	2.00	0.00	8.46	0.01	0.00	3.09	2.00	0.00	8.46	0.01	0.00
3.10	2.00	0.00	8.45	0.01	0.00	3.11	2.00	0.00	8.45	0.01	0.00
3.12	2.00	0.00	8.44	0.01	0.00	3.13	2.00	0.00	8.44	0.01	0.00
3.14	2.00	0.00	8.43	0.01	0.00	3.15	2.00	0.00	8.43	0.01	0.00
3.16	2.00	0.00	8.42	0.01	0.00	3.17	2.00	0.00	8.41	0.01	0.00
3.18	2.00	0.00	8.41	0.01	0.00	3.19	2.00	0.00	8.40	0.01	0.00
3.20	2.00	0.00	8.40	0.01	0.00	3.21	2.00	0.00	8.39	0.01	0.00
3.22	2.00	0.00	8.39	0.01	0.00	3.23	2.00	0.00	8.38	0.01	0.00
3.24	2.00	0.00	8.38	0.01	0.00	3.25	2.00	0.00	8.38	0.01	0.00
3.26	2.00	0.00	8.37	0.01	0.00	3.27	2.00	0.00	8.37	0.01	0.00
3.28	2.00	0.00	8.36	0.01	0.00	3.29	2.00	0.00	8.36	0.01	0.00
3.30	2.00	0.00	8.35	0.01	0.00	3.31	2.00	0.00	8.35	0.01	0.00
3.32	2.00	0.00	8.34	0.01	0.00	3.33	2.00	0.00	8.34	0.01	0.00
3.34	2.00	0.00	8.33	0.01	0.00	3.35	2.00	0.00	8.32	0.01	0.00
3.36	2.00	0.00	8.32	0.01	0.00	3.37	2.00	0.00	8.31	0.01	0.00
3.38	2.00	0.00	8.31	0.01	0.00	3.39	2.00	0.00	8.30	0.01	0.00
3.40	2.00	0.00	8.30	0.01	0.00	3.41	2.00	0.00	8.29	0.01	0.00
3.42	2.00	0.00	8.29	0.01	0.00	3.43	2.00	0.00	8.29	0.01	0.00
3.44	2.00	0.00	8.28	0.01	0.00	3.45	2.00	0.00	8.28	0.01	0.00
3.46	2.00	0.00	8.27	0.01	0.00	3.47	2.00	0.00	8.27	0.01	0.00
3.48	2.00	0.00	8.26	0.01	0.00	3.49	2.00	0.00	8.26	0.01	0.00
3.50	2.00	0.00	8.25	0.01	0.00	3.51	2.00	0.00	8.24	0.01	0.00
3.52	2.00	0.00	8.24	0.01	0.00	3.53	2.00	0.00	8.23	0.01	0.00
3.54	2.00	0.00	8.23	0.01	0.00	3.55	2.00	0.00	8.22	0.01	0.00
3.56	2.00	0.00	8.22	0.01	0.00	3.57	2.00	0.00	8.21	0.01	0.00
3.58	2.00	0.00	8.21	0.01	0.00	3.59	2.00	0.00	8.21	0.01	0.00
3.60	2.00	0.00	8.20	0.01	0.00	3.61	2.00	0.00	8.20	0.01	0.00
3.62	2.00	0.00	8.19	0.01	0.00	3.63	2.00	0.00	8.19	0.01	0.00
3.64	2.00	0.00	8.18	0.01	0.00	3.65	2.00	0.00	8.18	0.01	0.00
3.66	2.00	0.00	8.17	0.01	0.00	3.67	2.00	0.00	8.16	0.01	0.00
3.68	2.00	0.00	8.16	0.01	0.00	3.69	2.00	0.00	8.15	0.01	0.00
3.70	2.00	0.00	8.15	0.01	0.00	3.71	2.00	0.00	8.14	0.01	0.00
3.72	2.00	0.00	8.14	0.01	0.00	3.73	2.00	0.00	8.13	0.01	0.00
3.74	2.00	0.00	8.13	0.01	0.00	3.75	2.00	0.00	8.13	0.01	0.00
3.76	2.00	0.00	8.12	0.01	0.00	3.77	2.00	0.00	8.12	0.01	0.00
3.78	2.00	0.00	8.11	0.01	0.00	3.79	2.00	0.00	8.11	0.01	0.00
3.80	2.00	0.00	8.10	0.01	0.00	3.81	2.00	0.00	8.10	0.01	0.00
3.82	2.00	0.00	8.09	0.01	0.00	3.83	2.00	0.00	8.09	0.01	0.00
3.84	2.00	0.00	8.08	0.01	0.00	3.85	2.00	0.00	8.07	0.01	0.00
3.86	2.00	0.00	8.07	0.01	0.00	3.87	2.00	0.00	8.06	0.01	0.00
3.88	2.00	0.00	8.06	0.01	0.00	3.89	2.00	0.00	8.05	0.01	0.00
3.90	2.00	0.00	8.05	0.01	0.00	3.91	2.00	0.00	8.04	0.01	0.00
3.92	2.00	0.00	8.04	0.01	0.00	3.93	2.00	0.00	8.04	0.01	0.00
3.94	2.00	0.00	8.03	0.01	0.00	3.95	2.00	0.00	8.03	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.96	2.00	0.00	8.02	0.01	0.00	3.97	2.00	0.00	8.02	0.01	0.00
3.98	2.00	0.00	8.01	0.01	0.00	3.99	2.00	0.00	8.01	0.01	0.00
4.00	2.00	0.00	8.00	0.01	0.00	4.01	2.00	0.00	8.00	0.01	0.00
4.02	2.00	0.00	7.99	0.01	0.00	4.03	2.00	0.00	7.99	0.01	0.00
4.04	2.00	0.00	7.98	0.01	0.00	4.05	2.00	0.00	7.97	0.01	0.00
4.06	2.00	0.00	7.97	0.01	0.00	4.07	2.00	0.00	7.96	0.01	0.00
4.08	2.00	0.00	7.96	0.01	0.00	4.09	2.00	0.00	7.96	0.01	0.00
4.10	2.00	0.00	7.95	0.01	0.00	4.11	2.00	0.00	7.95	0.01	0.00
4.12	2.00	0.00	7.94	0.01	0.00	4.13	2.00	0.00	7.93	0.01	0.00
4.14	2.00	0.00	7.93	0.01	0.00	4.15	2.00	0.00	7.92	0.01	0.00
4.16	2.00	0.00	7.92	0.01	0.00	4.17	2.00	0.00	7.92	0.01	0.00
4.18	2.00	0.00	7.91	0.01	0.00	4.19	2.00	0.00	7.91	0.01	0.00
4.20	2.00	0.00	7.90	0.01	0.00	4.21	2.00	0.00	7.89	0.01	0.00
4.22	2.00	0.00	7.89	0.01	0.00	4.23	2.00	0.00	7.88	0.01	0.00
4.24	2.00	0.00	7.88	0.01	0.00	4.25	2.00	0.00	7.88	0.01	0.00
4.26	2.00	0.00	7.87	0.01	0.00	4.27	2.00	0.00	7.87	0.01	0.00
4.28	2.00	0.00	7.86	0.01	0.00	4.29	2.00	0.00	7.86	0.01	0.00
4.30	2.00	0.00	7.85	0.01	0.00	4.31	2.00	0.00	7.84	0.01	0.00
4.32	2.00	0.00	7.84	0.01	0.00	4.33	2.00	0.00	7.83	0.01	0.00
4.34	2.00	0.00	7.83	0.01	0.00	4.35	2.00	0.00	7.83	0.01	0.00
4.36	2.00	0.00	7.82	0.01	0.00	4.37	2.00	0.00	7.82	0.01	0.00
4.38	2.00	0.00	7.81	0.01	0.00	4.39	2.00	0.00	7.80	0.01	0.00
4.40	2.00	0.00	7.80	0.01	0.00	4.41	2.00	0.00	7.79	0.01	0.00
4.42	2.00	0.00	7.79	0.01	0.00	4.43	2.00	0.00	7.79	0.01	0.00
4.44	2.00	0.00	7.78	0.01	0.00	4.45	2.00	0.00	7.78	0.01	0.00
4.46	2.00	0.00	7.77	0.01	0.00	4.47	2.00	0.00	7.76	0.01	0.00
4.48	2.00	0.00	7.76	0.01	0.00	4.49	2.00	0.00	7.75	0.01	0.00
4.50	2.00	0.00	7.75	0.01	0.00	4.51	2.00	0.00	7.75	0.01	0.00
4.52	2.00	0.00	7.74	0.01	0.00	4.53	2.00	0.00	7.74	0.01	0.00
4.54	2.00	0.00	7.73	0.01	0.00	4.55	2.00	0.00	7.72	0.01	0.00
4.56	2.00	0.00	7.72	0.01	0.00	4.57	2.00	0.00	7.71	0.01	0.00
4.58	2.00	0.00	7.71	0.01	0.00	4.59	2.00	0.00	7.71	0.01	0.00
4.60	2.00	0.00	7.70	0.01	0.00	4.61	2.00	0.00	7.70	0.01	0.00
4.62	2.00	0.00	7.69	0.01	0.00	4.63	2.00	0.00	7.68	0.01	0.00
4.64	2.00	0.00	7.68	0.01	0.00	4.65	2.00	0.00	7.67	0.01	0.00
4.66	2.00	0.00	7.67	0.01	0.00	4.67	2.00	0.00	7.67	0.01	0.00
4.68	2.00	0.00	7.66	0.01	0.00	4.69	2.00	0.00	7.66	0.01	0.00
4.70	2.00	0.00	7.65	0.01	0.00	4.71	2.00	0.00	7.64	0.01	0.00
4.72	2.00	0.00	7.64	0.01	0.00	4.73	2.00	0.00	7.63	0.01	0.00
4.74	2.00	0.00	7.63	0.01	0.00	4.75	2.00	0.00	7.63	0.01	0.00
4.76	2.00	0.00	7.62	0.01	0.00	4.77	2.00	0.00	7.62	0.01	0.00
4.78	2.00	0.00	7.61	0.01	0.00	4.79	2.00	0.00	7.61	0.01	0.00
4.80	2.00	0.00	7.60	0.01	0.00	4.81	2.00	0.00	7.59	0.01	0.00
4.82	2.00	0.00	7.59	0.01	0.00	4.83	2.00	0.00	7.58	0.01	0.00
4.84	2.00	0.00	7.58	0.01	0.00	4.85	2.00	0.00	7.58	0.01	0.00
4.86	2.00	0.00	7.57	0.01	0.00	4.87	2.00	0.00	7.57	0.01	0.00
4.88	2.00	0.00	7.56	0.01	0.00	4.89	2.00	0.00	7.55	0.01	0.00
4.90	2.00	0.00	7.55	0.01	0.00	4.91	2.00	0.00	7.54	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.92	2.00	0.00	7.54	0.01	0.00	4.93	2.00	0.00	7.54	0.01	0.00
4.94	2.00	0.00	7.53	0.01	0.00	4.95	2.00	0.00	7.53	0.01	0.00
4.96	2.00	0.00	7.52	0.01	0.00	4.97	2.00	0.00	7.51	0.01	0.00
4.98	2.00	0.00	7.51	0.01	0.00	4.99	2.00	0.00	7.50	0.01	0.00
5.00	2.00	0.00	7.50	0.01	0.00	5.01	2.00	0.00	7.50	0.01	0.00
5.02	2.00	0.00	7.49	0.01	0.00	5.03	2.00	0.00	7.49	0.01	0.00
5.04	2.00	0.00	7.48	0.01	0.00	5.05	2.00	0.00	7.47	0.01	0.00
5.06	2.00	0.00	7.47	0.01	0.00	5.07	2.00	0.00	7.46	0.01	0.00
5.08	2.00	0.00	7.46	0.01	0.00	5.09	2.00	0.00	7.46	0.01	0.00
5.10	2.00	0.00	7.45	0.01	0.00	5.11	2.00	0.00	7.45	0.01	0.00
5.12	2.00	0.00	7.44	0.01	0.00	5.13	2.00	0.00	7.43	0.01	0.00
5.14	2.00	0.00	7.43	0.01	0.00	5.15	2.00	0.00	7.42	0.01	0.00
5.16	2.00	0.00	7.42	0.01	0.00	5.17	2.00	0.00	7.42	0.01	0.00
5.18	2.00	0.00	7.41	0.01	0.00	5.19	2.00	0.00	7.41	0.01	0.00
5.20	2.00	0.00	7.40	0.01	0.00	5.21	2.00	0.00	7.39	0.01	0.00
5.22	2.00	0.00	7.39	0.01	0.00	5.23	2.00	0.00	7.38	0.01	0.00
5.24	2.00	0.00	7.38	0.01	0.00	5.25	2.00	0.00	7.38	0.01	0.00
5.26	2.00	0.00	7.37	0.01	0.00	5.27	2.00	0.00	7.37	0.01	0.00
5.28	2.00	0.00	7.36	0.01	0.00	5.29	2.00	0.00	7.36	0.01	0.00
5.30	2.00	0.00	7.35	0.01	0.00	5.31	2.00	0.00	7.34	0.01	0.00
5.32	2.00	0.00	7.34	0.01	0.00	5.33	2.00	0.00	7.33	0.01	0.00
5.34	2.00	0.00	7.33	0.01	0.00	5.35	2.00	0.00	7.33	0.01	0.00
5.36	2.00	0.00	7.32	0.01	0.00	5.37	2.00	0.00	7.32	0.01	0.00
5.38	2.00	0.00	7.31	0.01	0.00	5.39	2.00	0.00	7.30	0.01	0.00
5.40	2.00	0.00	7.30	0.01	0.00	5.41	2.00	0.00	7.29	0.01	0.00
5.42	2.00	0.00	7.29	0.01	0.00	5.43	2.00	0.00	7.29	0.01	0.00
5.44	2.00	0.00	7.28	0.01	0.00	5.45	2.00	0.00	7.28	0.01	0.00
5.46	2.00	0.00	7.27	0.01	0.00	5.47	2.00	0.00	7.26	0.01	0.00
5.48	2.00	0.00	7.26	0.01	0.00	5.49	2.00	0.00	7.25	0.01	0.00
5.50	2.00	0.00	7.25	0.01	0.00	5.51	2.00	0.00	7.25	0.01	0.00
5.52	2.00	0.00	7.24	0.01	0.00	5.53	2.00	0.00	7.24	0.01	0.00
5.54	2.00	0.00	7.23	0.01	0.00	5.55	2.00	0.00	7.22	0.01	0.00
5.56	2.00	0.00	7.22	0.01	0.00	5.57	2.00	0.00	7.21	0.01	0.00
5.58	2.00	0.00	7.21	0.01	0.00	5.59	2.00	0.00	7.21	0.01	0.00
5.60	2.00	0.00	7.20	0.01	0.00	5.61	2.00	0.00	7.20	0.01	0.00
5.62	2.00	0.00	7.19	0.01	0.00	5.63	2.00	0.00	7.18	0.01	0.00
5.64	2.00	0.00	7.18	0.01	0.00	5.65	2.00	0.00	7.17	0.01	0.00
5.66	2.00	0.00	7.17	0.01	0.00	5.67	2.00	0.00	7.17	0.01	0.00
5.68	2.00	0.00	7.16	0.01	0.00	5.69	2.00	0.00	7.16	0.01	0.00
5.70	2.00	0.00	7.15	0.01	0.00	5.71	2.00	0.00	7.14	0.01	0.00
5.72	2.00	0.00	7.14	0.01	0.00	5.73	2.00	0.00	7.13	0.01	0.00
5.74	2.00	0.00	7.13	0.01	0.00	5.75	2.00	0.00	7.13	0.01	0.00
5.76	2.00	0.00	7.12	0.01	0.00	5.77	2.00	0.00	7.12	0.01	0.00
5.78	2.00	0.00	7.11	0.01	0.00	5.79	2.00	0.00	7.11	0.01	0.00
5.80	2.00	0.00	7.10	0.01	0.00	5.81	2.00	0.00	7.09	0.01	0.00
5.82	2.00	0.00	7.09	0.01	0.00	5.83	2.00	0.00	7.08	0.01	0.00
5.84	2.00	0.00	7.08	0.01	0.00	5.85	2.00	0.00	7.08	0.01	0.00
5.86	2.00	0.00	7.07	0.01	0.00	5.87	2.00	0.00	7.07	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.88	2.00	0.00	7.06	0.01	0.00	5.89	2.00	0.00	7.05	0.01	0.00
5.90	2.00	0.00	7.05	0.01	0.00	5.91	2.00	0.00	7.04	0.01	0.00
5.92	2.00	0.00	7.04	0.01	0.00	5.93	2.00	0.00	7.04	0.01	0.00
5.94	2.00	0.00	7.03	0.01	0.00	5.95	2.00	0.00	7.03	0.01	0.00
5.96	2.00	0.00	7.02	0.01	0.00	5.97	2.00	0.00	7.01	0.01	0.00
5.98	2.00	0.00	7.01	0.01	0.00	5.99	2.00	0.00	7.00	0.01	0.00
6.00	2.00	0.00	7.00	0.01	0.00	6.01	2.00	0.00	7.00	0.01	0.00
6.02	2.00	0.00	6.99	0.01	0.00	6.03	2.00	0.00	6.99	0.01	0.00
6.04	2.00	0.00	6.98	0.01	0.00	6.05	2.00	0.00	6.97	0.01	0.00
6.06	2.00	0.00	6.97	0.01	0.00	6.07	2.00	0.00	6.96	0.01	0.00
6.08	2.00	0.00	6.96	0.01	0.00	6.09	2.00	0.00	6.96	0.01	0.00
6.10	2.00	0.00	6.95	0.01	0.00	6.11	2.00	0.00	6.95	0.01	0.00
6.12	2.00	0.00	6.94	0.01	0.00	6.13	2.00	0.00	6.93	0.01	0.00
6.14	2.00	0.00	6.93	0.01	0.00	6.15	2.00	0.00	6.92	0.01	0.00
6.16	2.00	0.00	6.92	0.01	0.00	6.17	2.00	0.00	6.92	0.01	0.00
6.18	2.00	0.00	6.91	0.01	0.00	6.19	2.00	0.00	6.91	0.01	0.00
6.20	2.00	0.00	6.90	0.01	0.00	6.21	2.00	0.00	6.89	0.01	0.00
6.22	2.00	0.00	6.89	0.01	0.00	6.23	2.00	0.00	6.88	0.01	0.00
6.24	2.00	0.00	6.88	0.01	0.00	6.25	2.00	0.00	6.88	0.01	0.00
6.26	2.00	0.00	6.87	0.01	0.00	6.27	2.00	0.00	6.87	0.01	0.00
6.28	2.00	0.00	6.86	0.01	0.00	6.29	2.00	0.00	6.86	0.01	0.00
6.30	2.00	0.00	6.85	0.01	0.00	6.31	2.00	0.00	6.84	0.01	0.00
6.32	2.00	0.00	6.84	0.01	0.00	6.33	2.00	0.00	6.83	0.01	0.00
6.34	2.00	0.00	6.83	0.01	0.00	6.35	2.00	0.00	6.83	0.01	0.00
6.36	2.00	0.00	6.82	0.01	0.00	6.37	2.00	0.00	6.82	0.01	0.00
6.38	2.00	0.00	6.81	0.01	0.00	6.39	2.00	0.00	6.80	0.01	0.00
6.40	2.00	0.00	6.80	0.01	0.00	6.41	2.00	0.00	6.79	0.01	0.00
6.42	2.00	0.00	6.79	0.01	0.00	6.43	2.00	0.00	6.79	0.01	0.00
6.44	2.00	0.00	6.78	0.01	0.00	6.45	2.00	0.00	6.78	0.01	0.00
6.46	2.00	0.00	6.77	0.01	0.00	6.47	2.00	0.00	6.76	0.01	0.00
6.48	2.00	0.00	6.76	0.01	0.00	6.49	2.00	0.00	6.75	0.01	0.00
6.50	2.00	0.00	6.75	0.01	0.00	6.51	2.00	0.00	6.75	0.01	0.00
6.52	2.00	0.00	6.74	0.01	0.00	6.53	2.00	0.00	6.74	0.01	0.00
6.54	2.00	0.00	6.73	0.01	0.00	6.55	2.00	0.00	6.72	0.01	0.00
6.56	2.00	0.00	6.72	0.01	0.00	6.57	2.00	0.00	6.71	0.01	0.00
6.58	2.00	0.00	6.71	0.01	0.00	6.59	2.00	0.00	6.71	0.01	0.00
6.60	2.00	0.00	6.70	0.01	0.00	6.61	2.00	0.00	6.70	0.01	0.00
6.62	2.00	0.00	6.69	0.01	0.00	6.63	2.00	0.00	6.68	0.01	0.00
6.64	2.00	0.00	6.68	0.01	0.00	6.65	2.00	0.00	6.67	0.01	0.00
6.66	2.00	0.00	6.67	0.01	0.00	6.67	2.00	0.00	6.67	0.01	0.00
6.68	2.00	0.00	6.66	0.01	0.00	6.69	2.00	0.00	6.66	0.01	0.00
6.70	2.00	0.00	6.65	0.01	0.00	6.71	2.00	0.00	6.64	0.01	0.00
6.72	2.00	0.00	6.64	0.01	0.00	6.73	2.00	0.00	6.63	0.01	0.00
6.74	2.00	0.00	6.63	0.01	0.00	6.75	2.00	0.00	6.63	0.01	0.00
6.76	2.00	0.00	6.62	0.01	0.00	6.77	2.00	0.00	6.62	0.01	0.00
6.78	2.00	0.00	6.61	0.01	0.00	6.79	2.00	0.00	6.61	0.01	0.00
6.80	2.00	0.00	6.60	0.01	0.00	6.81	2.00	0.00	6.59	0.01	0.00
6.82	2.00	0.00	6.59	0.01	0.00	6.83	2.00	0.00	6.58	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.84	2.00	0.00	6.58	0.01	0.00	6.85	2.00	0.00	6.58	0.01	0.00
6.86	2.00	0.00	6.57	0.01	0.00	6.87	2.00	0.00	6.57	0.01	0.00
6.88	2.00	0.00	6.56	0.01	0.00	6.89	2.00	0.00	6.55	0.01	0.00
6.90	2.00	0.00	6.55	0.01	0.00	6.91	2.00	0.00	6.54	0.01	0.00
6.92	2.00	0.00	6.54	0.01	0.00	6.93	2.00	0.00	6.54	0.01	0.00
6.94	2.00	0.00	6.53	0.01	0.00	6.95	2.00	0.00	6.53	0.01	0.00
6.96	2.00	0.00	6.52	0.01	0.00	6.97	2.00	0.00	6.51	0.01	0.00
6.98	2.00	0.00	6.51	0.01	0.00	6.99	2.00	0.00	6.50	0.01	0.00
7.00	2.00	0.00	6.50	0.01	0.00	7.01	2.00	0.00	6.50	0.01	0.00
7.02	2.00	0.00	6.49	0.01	0.00	7.03	2.00	0.00	6.49	0.01	0.00
7.04	2.00	0.00	6.48	0.01	0.00	7.05	2.00	0.00	6.47	0.01	0.00
7.06	2.00	0.00	6.47	0.01	0.00	7.07	2.00	0.00	6.46	0.01	0.00
7.08	2.00	0.00	6.46	0.01	0.00	7.09	2.00	0.00	6.46	0.01	0.00
7.10	2.00	0.00	6.45	0.01	0.00	7.11	2.00	0.00	6.45	0.01	0.00
7.12	2.00	0.00	6.44	0.01	0.00	7.13	2.00	0.00	6.43	0.01	0.00
7.14	2.00	0.00	6.43	0.01	0.00	7.15	2.00	0.00	6.42	0.01	0.00
7.16	2.00	0.00	6.42	0.01	0.00	7.17	2.00	0.00	6.42	0.01	0.00
7.18	2.00	0.00	6.41	0.01	0.00	7.19	2.00	0.00	6.41	0.01	0.00
7.20	2.00	0.00	6.40	0.01	0.00	7.21	2.00	0.00	6.39	0.01	0.00
7.22	2.00	0.00	6.39	0.01	0.00	7.23	2.00	0.00	6.38	0.01	0.00
7.24	2.00	0.00	6.38	0.01	0.00	7.25	2.00	0.00	6.38	0.01	0.00
7.26	2.00	0.00	6.37	0.01	0.00	7.27	2.00	0.00	6.37	0.01	0.00
7.28	2.00	0.00	6.36	0.01	0.00	7.29	2.00	0.00	6.36	0.01	0.00
7.30	2.00	0.00	6.35	0.01	0.00	7.31	2.00	0.00	6.34	0.01	0.00
7.32	2.00	0.00	6.34	0.01	0.00	7.33	2.00	0.00	6.33	0.01	0.00
7.34	2.00	0.00	6.33	0.01	0.00	7.35	2.00	0.00	6.33	0.01	0.00
7.36	2.00	0.00	6.32	0.01	0.00	7.37	2.00	0.00	6.32	0.01	0.00
7.38	2.00	0.00	6.31	0.01	0.00	7.39	2.00	0.00	6.30	0.01	0.00
7.40	2.00	0.00	6.30	0.01	0.00	7.41	2.00	0.00	6.29	0.01	0.00
7.42	2.00	0.00	6.29	0.01	0.00	7.43	2.00	0.00	6.29	0.01	0.00
7.44	2.00	0.00	6.28	0.01	0.00	7.45	2.00	0.00	6.28	0.01	0.00
7.46	2.00	0.00	6.27	0.01	0.00	7.47	2.00	0.00	6.26	0.01	0.00
7.48	2.00	0.00	6.26	0.01	0.00	7.49	2.00	0.00	6.25	0.01	0.00
7.50	2.00	0.00	6.25	0.01	0.00	7.51	2.00	0.00	6.25	0.01	0.00
7.52	2.00	0.00	6.24	0.01	0.00	7.53	2.00	0.00	6.24	0.01	0.00
7.54	2.00	0.00	6.23	0.01	0.00	7.55	2.00	0.00	6.22	0.01	0.00
7.56	2.00	0.00	6.22	0.01	0.00	7.57	2.00	0.00	6.21	0.01	0.00
7.58	2.00	0.00	6.21	0.01	0.00	7.59	2.00	0.00	6.21	0.01	0.00
7.60	2.00	0.00	6.20	0.01	0.00	7.61	2.00	0.00	6.20	0.01	0.00
7.62	2.00	0.00	6.19	0.01	0.00	7.63	2.00	0.00	6.18	0.01	0.00
7.64	2.00	0.00	6.18	0.01	0.00	7.65	2.00	0.00	6.17	0.01	0.00
7.66	2.00	0.00	6.17	0.01	0.00	7.67	2.00	0.00	6.17	0.01	0.00
7.68	2.00	0.00	6.16	0.01	0.00	7.69	2.00	0.00	6.16	0.01	0.00
7.70	2.00	0.00	6.15	0.01	0.00	7.71	2.00	0.00	6.14	0.01	0.00
7.72	2.00	0.00	6.14	0.01	0.00	7.73	2.00	0.00	6.13	0.01	0.00
7.74	2.00	0.00	6.13	0.01	0.00	7.75	2.00	0.00	6.13	0.01	0.00
7.76	2.00	0.00	6.12	0.01	0.00	7.77	2.00	0.00	6.12	0.01	0.00
7.78	2.00	0.00	6.11	0.01	0.00	7.79	2.00	0.00	6.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.80	2.00	0.00	6.10	0.01	0.00	7.81	2.00	0.00	6.09	0.01	0.00
7.82	2.00	0.00	6.09	0.01	0.00	7.83	2.00	0.00	6.08	0.01	0.00
7.84	2.00	0.00	6.08	0.01	0.00	7.85	2.00	0.00	6.08	0.01	0.00
7.86	2.00	0.00	6.07	0.01	0.00	7.87	2.00	0.00	6.07	0.01	0.00
7.88	2.00	0.00	6.06	0.01	0.00	7.89	2.00	0.00	6.05	0.01	0.00
7.90	2.00	0.00	6.05	0.01	0.00	7.91	2.00	0.00	6.04	0.01	0.00
7.92	2.00	0.00	6.04	0.01	0.00	7.93	2.00	0.00	6.04	0.01	0.00
7.94	2.00	0.00	6.03	0.01	0.00	7.95	2.00	0.00	6.03	0.01	0.00
7.96	2.00	0.00	6.02	0.01	0.00	7.97	2.00	0.00	6.01	0.01	0.00
7.98	2.00	0.00	6.01	0.01	0.00	7.99	2.00	0.00	6.00	0.01	0.00
8.00	2.00	0.00	6.00	0.01	0.00	8.01	2.00	0.00	6.00	0.01	0.00
8.02	2.00	0.00	5.99	0.01	0.00	8.03	2.00	0.00	5.99	0.01	0.00
8.04	2.00	0.00	5.98	0.01	0.00	8.05	2.00	0.00	5.97	0.01	0.00
8.06	2.00	0.00	5.97	0.01	0.00	8.07	2.00	0.00	5.96	0.01	0.00
8.08	2.00	0.00	5.96	0.01	0.00	8.09	2.00	0.00	5.96	0.01	0.00
8.10	2.00	0.00	5.95	0.01	0.00	8.11	2.00	0.00	5.95	0.01	0.00
8.12	2.00	0.00	5.94	0.01	0.00	8.13	2.00	0.00	5.93	0.01	0.00
8.14	2.00	0.00	5.93	0.01	0.00	8.15	2.00	0.00	5.92	0.01	0.00
8.16	2.00	0.00	5.92	0.01	0.00	8.17	2.00	0.00	5.92	0.01	0.00
8.18	2.00	0.00	5.91	0.01	0.00	8.19	2.00	0.00	5.91	0.01	0.00
8.20	2.00	0.00	5.90	0.01	0.00	8.21	2.00	0.00	5.89	0.01	0.00
8.22	2.00	0.00	5.89	0.01	0.00	8.23	2.00	0.00	5.88	0.01	0.00
8.24	2.00	0.00	5.88	0.01	0.00	8.25	2.00	0.00	5.88	0.01	0.00
8.26	2.00	0.00	5.87	0.01	0.00	8.27	2.00	0.00	5.87	0.01	0.00
8.28	2.00	0.00	5.86	0.01	0.00	8.29	2.00	0.00	5.86	0.01	0.00
8.30	2.00	0.00	5.85	0.01	0.00	8.31	2.00	0.00	5.84	0.01	0.00
8.32	2.00	0.00	5.84	0.01	0.00	8.33	2.00	0.00	5.83	0.01	0.00
8.34	2.00	0.00	5.83	0.01	0.00	8.35	2.00	0.00	5.83	0.01	0.00
8.36	2.00	0.00	5.82	0.01	0.00	8.37	2.00	0.00	5.82	0.01	0.00
8.38	2.00	0.00	5.81	0.01	0.00	8.39	2.00	0.00	5.80	0.01	0.00
8.40	2.00	0.00	5.80	0.01	0.00	8.41	2.00	0.00	5.79	0.01	0.00
8.42	2.00	0.00	5.79	0.01	0.00	8.43	2.00	0.00	5.79	0.01	0.00
8.44	2.00	0.00	5.78	0.01	0.00	8.45	2.00	0.00	5.78	0.01	0.00
8.46	2.00	0.00	5.77	0.01	0.00	8.47	2.00	0.00	5.76	0.01	0.00
8.48	2.00	0.00	5.76	0.01	0.00	8.49	2.00	0.00	5.75	0.01	0.00
8.50	2.00	0.00	5.75	0.01	0.00	8.51	2.00	0.00	5.75	0.01	0.00
8.52	2.00	0.00	5.74	0.01	0.00	8.53	2.00	0.00	5.74	0.01	0.00
8.54	2.00	0.00	5.73	0.01	0.00	8.55	2.00	0.00	5.72	0.01	0.00
8.56	2.00	0.00	5.72	0.01	0.00	8.57	2.00	0.00	5.71	0.01	0.00
8.58	2.00	0.00	5.71	0.01	0.00	8.59	2.00	0.00	5.71	0.01	0.00
8.60	2.00	0.00	5.70	0.01	0.00	8.61	2.00	0.00	5.70	0.01	0.00
8.62	2.00	0.00	5.69	0.01	0.00	8.63	2.00	0.00	5.68	0.01	0.00
8.64	2.00	0.00	5.68	0.01	0.00	8.65	2.00	0.00	5.67	0.01	0.00
8.66	2.00	0.00	5.67	0.01	0.00	8.67	2.00	0.00	5.67	0.01	0.00
8.68	2.00	0.00	5.66	0.01	0.00	8.69	2.00	0.00	5.66	0.01	0.00
8.70	2.00	0.00	5.65	0.01	0.00	8.71	2.00	0.00	5.64	0.01	0.00
8.72	2.00	0.00	5.64	0.01	0.00	8.73	2.00	0.00	5.63	0.01	0.00
8.74	2.00	0.00	5.63	0.01	0.00	8.75	2.00	0.00	5.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.76	2.00	0.00	5.62	0.01	0.00	8.77	2.00	0.00	5.62	0.01	0.00
8.78	2.00	0.00	5.61	0.01	0.00	8.79	2.00	0.00	5.61	0.01	0.00
8.80	2.00	0.00	5.60	0.01	0.00	8.81	2.00	0.00	5.59	0.01	0.00
8.82	2.00	0.00	5.59	0.01	0.00	8.83	2.00	0.00	5.58	0.01	0.00
8.84	2.00	0.00	5.58	0.01	0.00	8.85	2.00	0.00	5.58	0.01	0.00
8.86	2.00	0.00	5.57	0.01	0.00	8.87	2.00	0.00	5.57	0.01	0.00
8.88	2.00	0.00	5.56	0.01	0.00	8.89	2.00	0.00	5.55	0.01	0.00
8.90	2.00	0.00	5.55	0.01	0.00	8.91	2.00	0.00	5.54	0.01	0.00
8.92	2.00	0.00	5.54	0.01	0.00	8.93	2.00	0.00	5.54	0.01	0.00
8.94	2.00	0.00	5.53	0.01	0.00	8.95	2.00	0.00	5.53	0.01	0.00
8.96	0.40	0.60	5.52	0.01	0.03	8.97	0.39	0.61	5.51	0.01	0.03
8.98	0.40	0.60	5.51	0.01	0.03	8.99	0.40	0.60	5.50	0.01	0.03
9.00	0.39	0.61	5.50	0.01	0.03	9.01	0.39	0.61	5.50	0.01	0.03
9.02	0.39	0.61	5.49	0.01	0.03	9.03	0.39	0.61	5.49	0.01	0.03
9.04	0.39	0.61	5.48	0.01	0.03	9.05	0.40	0.60	5.47	0.01	0.03
9.06	0.40	0.60	5.47	0.01	0.03	9.07	0.40	0.60	5.46	0.01	0.03
9.08	0.40	0.60	5.46	0.01	0.03	9.09	0.41	0.59	5.46	0.01	0.03
9.10	2.00	0.00	5.45	0.01	0.00	9.11	2.00	0.00	5.45	0.01	0.00
9.12	2.00	0.00	5.44	0.01	0.00	9.13	2.00	0.00	5.43	0.01	0.00
9.14	2.00	0.00	5.43	0.01	0.00	9.15	2.00	0.00	5.42	0.01	0.00
9.16	2.00	0.00	5.42	0.01	0.00	9.17	2.00	0.00	5.42	0.01	0.00
9.18	2.00	0.00	5.41	0.01	0.00	9.19	2.00	0.00	5.41	0.01	0.00
9.20	2.00	0.00	5.40	0.01	0.00	9.21	2.00	0.00	5.39	0.01	0.00
9.22	2.00	0.00	5.39	0.01	0.00	9.23	2.00	0.00	5.38	0.01	0.00
9.24	2.00	0.00	5.38	0.01	0.00	9.25	2.00	0.00	5.38	0.01	0.00
9.26	2.00	0.00	5.37	0.01	0.00	9.27	2.00	0.00	5.37	0.01	0.00
9.28	2.00	0.00	5.36	0.01	0.00	9.29	2.00	0.00	5.36	0.01	0.00
9.30	2.00	0.00	5.35	0.01	0.00	9.31	0.43	0.57	5.34	0.01	0.03
9.32	0.43	0.57	5.34	0.01	0.03	9.33	0.43	0.57	5.33	0.01	0.03
9.34	0.43	0.57	5.33	0.01	0.03	9.35	0.43	0.57	5.33	0.01	0.03
9.36	0.45	0.55	5.32	0.01	0.03	9.37	0.47	0.53	5.32	0.01	0.03
9.38	0.50	0.50	5.31	0.01	0.03	9.39	0.53	0.47	5.30	0.01	0.02
9.40	0.55	0.45	5.30	0.01	0.02	9.41	0.56	0.44	5.29	0.01	0.02
9.42	0.56	0.44	5.29	0.01	0.02	9.43	0.56	0.44	5.29	0.01	0.02
9.44	0.56	0.44	5.28	0.01	0.02	9.45	0.56	0.44	5.28	0.01	0.02
9.46	0.57	0.43	5.27	0.01	0.02	9.47	0.58	0.42	5.26	0.01	0.02
9.48	0.59	0.41	5.26	0.01	0.02	9.49	0.59	0.41	5.25	0.01	0.02
9.50	0.59	0.41	5.25	0.01	0.02	9.51	0.59	0.41	5.25	0.01	0.02
9.52	0.59	0.41	5.24	0.01	0.02	9.53	0.59	0.41	5.24	0.01	0.02
9.54	0.59	0.41	5.23	0.01	0.02	9.55	0.60	0.40	5.22	0.01	0.02
9.56	0.62	0.38	5.22	0.01	0.02	9.57	0.65	0.35	5.21	0.01	0.02
9.58	0.69	0.31	5.21	0.01	0.02	9.59	0.73	0.27	5.21	0.01	0.01
9.60	0.79	0.21	5.20	0.01	0.01	9.61	0.86	0.14	5.20	0.01	0.01
9.62	0.92	0.08	5.19	0.01	0.00	9.63	0.95	0.05	5.18	0.01	0.00
9.64	2.00	0.00	5.18	0.01	0.00	9.65	2.00	0.00	5.17	0.01	0.00
9.66	2.00	0.00	5.17	0.01	0.00	9.67	2.00	0.00	5.17	0.01	0.00
9.68	2.00	0.00	5.16	0.01	0.00	9.69	2.00	0.00	5.16	0.01	0.00
9.70	2.00	0.00	5.15	0.01	0.00	9.71	2.00	0.00	5.14	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.72	2.00	0.00	5.14	0.01	0.00	9.73	2.00	0.00	5.13	0.01	0.00
9.74	2.00	0.00	5.13	0.01	0.00	9.75	2.00	0.00	5.13	0.01	0.00
9.76	2.00	0.00	5.12	0.01	0.00	9.77	2.00	0.00	5.12	0.01	0.00
9.78	2.00	0.00	5.11	0.01	0.00	9.79	2.00	0.00	5.11	0.01	0.00
9.80	2.00	0.00	5.10	0.01	0.00	9.81	2.00	0.00	5.09	0.01	0.00
9.82	2.00	0.00	5.09	0.01	0.00	9.83	2.00	0.00	5.08	0.01	0.00
9.84	2.00	0.00	5.08	0.01	0.00	9.85	2.00	0.00	5.08	0.01	0.00
9.86	2.00	0.00	5.07	0.01	0.00	9.87	2.00	0.00	5.07	0.01	0.00
9.88	2.00	0.00	5.06	0.01	0.00	9.89	2.00	0.00	5.05	0.01	0.00
9.90	2.00	0.00	5.05	0.01	0.00	9.91	2.00	0.00	5.04	0.01	0.00
9.92	2.00	0.00	5.04	0.01	0.00	9.93	2.00	0.00	5.04	0.01	0.00
9.94	2.00	0.00	5.03	0.01	0.00	9.95	2.00	0.00	5.03	0.01	0.00
9.96	2.00	0.00	5.02	0.01	0.00	9.97	2.00	0.00	5.01	0.01	0.00
9.98	2.00	0.00	5.01	0.01	0.00	9.99	2.00	0.00	5.00	0.01	0.00
10.00	2.00	0.00	5.00	0.01	0.00	10.01	2.00	0.00	5.00	0.01	0.00
10.02	2.00	0.00	4.99	0.01	0.00	10.03	2.00	0.00	4.99	0.01	0.00
10.04	2.00	0.00	4.98	0.01	0.00	10.05	2.00	0.00	4.97	0.01	0.00
10.06	2.00	0.00	4.97	0.01	0.00	10.07	2.00	0.00	4.96	0.01	0.00
10.08	2.00	0.00	4.96	0.01	0.00	10.09	2.00	0.00	4.96	0.01	0.00
10.10	2.00	0.00	4.95	0.01	0.00	10.11	2.00	0.00	4.95	0.01	0.00
10.12	2.00	0.00	4.94	0.01	0.00	10.13	2.00	0.00	4.93	0.01	0.00
10.14	2.00	0.00	4.93	0.01	0.00	10.15	2.00	0.00	4.92	0.01	0.00
10.16	2.00	0.00	4.92	0.01	0.00	10.17	2.00	0.00	4.92	0.01	0.00
10.18	2.00	0.00	4.91	0.01	0.00	10.19	2.00	0.00	4.91	0.01	0.00
10.20	2.00	0.00	4.90	0.01	0.00	10.21	2.00	0.00	4.89	0.01	0.00
10.22	2.00	0.00	4.89	0.01	0.00	10.23	2.00	0.00	4.88	0.01	0.00
10.24	2.00	0.00	4.88	0.01	0.00	10.25	2.00	0.00	4.88	0.01	0.00
10.26	2.00	0.00	4.87	0.01	0.00	10.27	2.00	0.00	4.87	0.01	0.00
10.28	2.00	0.00	4.86	0.01	0.00	10.29	2.00	0.00	4.86	0.01	0.00
10.30	2.00	0.00	4.85	0.01	0.00	10.31	2.00	0.00	4.84	0.01	0.00
10.32	2.00	0.00	4.84	0.01	0.00	10.33	2.00	0.00	4.83	0.01	0.00
10.34	2.00	0.00	4.83	0.01	0.00	10.35	2.00	0.00	4.83	0.01	0.00
10.36	2.00	0.00	4.82	0.01	0.00	10.37	2.00	0.00	4.82	0.01	0.00
10.38	2.00	0.00	4.81	0.01	0.00	10.39	2.00	0.00	4.80	0.01	0.00
10.40	2.00	0.00	4.80	0.01	0.00	10.41	2.00	0.00	4.79	0.01	0.00
10.42	2.00	0.00	4.79	0.01	0.00	10.43	2.00	0.00	4.79	0.01	0.00
10.44	2.00	0.00	4.78	0.01	0.00	10.45	2.00	0.00	4.78	0.01	0.00
10.46	2.00	0.00	4.77	0.01	0.00	10.47	2.00	0.00	4.76	0.01	0.00
10.48	2.00	0.00	4.76	0.01	0.00	10.49	2.00	0.00	4.75	0.01	0.00
10.50	2.00	0.00	4.75	0.01	0.00	10.51	2.00	0.00	4.75	0.01	0.00
10.52	2.00	0.00	4.74	0.01	0.00	10.53	2.00	0.00	4.74	0.01	0.00
10.54	2.00	0.00	4.73	0.01	0.00	10.55	2.00	0.00	4.72	0.01	0.00
10.56	2.00	0.00	4.72	0.01	0.00	10.57	2.00	0.00	4.71	0.01	0.00
10.58	2.00	0.00	4.71	0.01	0.00	10.59	2.00	0.00	4.71	0.01	0.00
10.60	2.00	0.00	4.70	0.01	0.00	10.61	2.00	0.00	4.70	0.01	0.00
10.62	2.00	0.00	4.69	0.01	0.00	10.63	2.00	0.00	4.68	0.01	0.00
10.64	2.00	0.00	4.68	0.01	0.00	10.65	2.00	0.00	4.67	0.01	0.00
10.66	2.00	0.00	4.67	0.01	0.00	10.67	2.00	0.00	4.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.68	2.00	0.00	4.66	0.01	0.00	10.69	2.00	0.00	4.66	0.01	0.00
10.70	2.00	0.00	4.65	0.01	0.00	10.71	2.00	0.00	4.64	0.01	0.00
10.72	2.00	0.00	4.64	0.01	0.00	10.73	2.00	0.00	4.63	0.01	0.00
10.74	2.00	0.00	4.63	0.01	0.00	10.75	2.00	0.00	4.63	0.01	0.00
10.76	2.00	0.00	4.62	0.01	0.00	10.77	2.00	0.00	4.62	0.01	0.00
10.78	2.00	0.00	4.61	0.01	0.00	10.79	2.00	0.00	4.61	0.01	0.00
10.80	2.00	0.00	4.60	0.01	0.00	10.81	2.00	0.00	4.59	0.01	0.00
10.82	2.00	0.00	4.59	0.01	0.00	10.83	2.00	0.00	4.58	0.01	0.00
10.84	2.00	0.00	4.58	0.01	0.00	10.85	2.00	0.00	4.58	0.01	0.00
10.86	2.00	0.00	4.57	0.01	0.00	10.87	2.00	0.00	4.57	0.01	0.00
10.88	2.00	0.00	4.56	0.01	0.00	10.89	2.00	0.00	4.55	0.01	0.00
10.90	2.00	0.00	4.55	0.01	0.00	10.91	2.00	0.00	4.54	0.01	0.00
10.92	2.00	0.00	4.54	0.01	0.00	10.93	2.00	0.00	4.54	0.01	0.00
10.94	2.00	0.00	4.53	0.01	0.00	10.95	2.00	0.00	4.53	0.01	0.00
10.96	2.00	0.00	4.52	0.01	0.00	10.97	2.00	0.00	4.51	0.01	0.00
10.98	2.00	0.00	4.51	0.01	0.00	10.99	2.00	0.00	4.50	0.01	0.00
11.00	2.00	0.00	4.50	0.01	0.00	11.01	2.00	0.00	4.50	0.01	0.00
11.02	2.00	0.00	4.49	0.01	0.00	11.03	2.00	0.00	4.49	0.01	0.00
11.04	2.00	0.00	4.48	0.01	0.00	11.05	2.00	0.00	4.47	0.01	0.00
11.06	2.00	0.00	4.47	0.01	0.00	11.07	2.00	0.00	4.46	0.01	0.00
11.08	2.00	0.00	4.46	0.01	0.00	11.09	2.00	0.00	4.46	0.01	0.00
11.10	2.00	0.00	4.45	0.01	0.00	11.11	2.00	0.00	4.45	0.01	0.00
11.12	2.00	0.00	4.44	0.01	0.00	11.13	2.00	0.00	4.43	0.01	0.00
11.14	2.00	0.00	4.43	0.01	0.00	11.15	2.00	0.00	4.42	0.01	0.00
11.16	2.00	0.00	4.42	0.01	0.00	11.17	2.00	0.00	4.42	0.01	0.00
11.18	2.00	0.00	4.41	0.01	0.00	11.19	2.00	0.00	4.41	0.01	0.00
11.20	2.00	0.00	4.40	0.01	0.00	11.21	2.00	0.00	4.39	0.01	0.00
11.22	2.00	0.00	4.39	0.01	0.00	11.23	2.00	0.00	4.38	0.01	0.00
11.24	2.00	0.00	4.38	0.01	0.00	11.25	2.00	0.00	4.38	0.01	0.00
11.26	2.00	0.00	4.37	0.01	0.00	11.27	2.00	0.00	4.37	0.01	0.00
11.28	2.00	0.00	4.36	0.01	0.00	11.29	2.00	0.00	4.36	0.01	0.00
11.30	2.00	0.00	4.35	0.01	0.00	11.31	2.00	0.00	4.34	0.01	0.00
11.32	0.50	0.50	4.34	0.01	0.02	11.33	0.50	0.50	4.33	0.01	0.02
11.34	0.50	0.50	4.33	0.01	0.02	11.35	0.50	0.50	4.33	0.01	0.02
11.36	0.50	0.50	4.32	0.01	0.02	11.37	0.50	0.50	4.32	0.01	0.02
11.38	0.50	0.50	4.31	0.01	0.02	11.39	0.50	0.50	4.30	0.01	0.02
11.40	0.50	0.50	4.30	0.01	0.02	11.41	0.50	0.50	4.29	0.01	0.02
11.42	0.50	0.50	4.29	0.01	0.02	11.43	0.50	0.50	4.29	0.01	0.02
11.44	0.51	0.49	4.28	0.01	0.02	11.45	0.51	0.49	4.28	0.01	0.02
11.46	0.51	0.49	4.27	0.01	0.02	11.47	0.51	0.49	4.26	0.01	0.02
11.48	0.52	0.48	4.26	0.01	0.02	11.49	0.53	0.47	4.25	0.01	0.02
11.50	2.00	0.00	4.25	0.01	0.00	11.51	2.00	0.00	4.25	0.01	0.00
11.52	2.00	0.00	4.24	0.01	0.00	11.53	2.00	0.00	4.24	0.01	0.00
11.54	2.00	0.00	4.23	0.01	0.00	11.55	2.00	0.00	4.22	0.01	0.00
11.56	2.00	0.00	4.22	0.01	0.00	11.57	2.00	0.00	4.21	0.01	0.00
11.58	2.00	0.00	4.21	0.01	0.00	11.59	2.00	0.00	4.21	0.01	0.00
11.60	2.00	0.00	4.20	0.01	0.00	11.61	0.63	0.37	4.20	0.01	0.02
11.62	0.63	0.37	4.19	0.01	0.02	11.63	0.63	0.37	4.18	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.64	0.63	0.37	4.18	0.01	0.02	11.65	0.63	0.37	4.17	0.01	0.02
11.66	2.00	0.00	4.17	0.01	0.00	11.67	2.00	0.00	4.17	0.01	0.00
11.68	2.00	0.00	4.16	0.01	0.00	11.69	2.00	0.00	4.16	0.01	0.00
11.70	2.00	0.00	4.15	0.01	0.00	11.71	2.00	0.00	4.14	0.01	0.00
11.72	2.00	0.00	4.14	0.01	0.00	11.73	2.00	0.00	4.13	0.01	0.00
11.74	2.00	0.00	4.13	0.01	0.00	11.75	2.00	0.00	4.13	0.01	0.00
11.76	2.00	0.00	4.12	0.01	0.00	11.77	2.00	0.00	4.12	0.01	0.00
11.78	2.00	0.00	4.11	0.01	0.00	11.79	2.00	0.00	4.11	0.01	0.00
11.80	2.00	0.00	4.10	0.01	0.00	11.81	2.00	0.00	4.09	0.01	0.00
11.82	2.00	0.00	4.09	0.01	0.00	11.83	2.00	0.00	4.08	0.01	0.00
11.84	2.00	0.00	4.08	0.01	0.00	11.85	2.00	0.00	4.08	0.01	0.00
11.86	2.00	0.00	4.07	0.01	0.00	11.87	2.00	0.00	4.07	0.01	0.00
11.88	2.00	0.00	4.06	0.01	0.00	11.89	2.00	0.00	4.05	0.01	0.00
11.90	2.00	0.00	4.05	0.01	0.00	11.91	0.58	0.42	4.04	0.01	0.02
11.92	0.58	0.42	4.04	0.01	0.02	11.93	0.60	0.40	4.04	0.01	0.02
11.94	0.62	0.38	4.03	0.01	0.02	11.95	0.65	0.35	4.03	0.01	0.01
11.96	0.68	0.32	4.02	0.01	0.01	11.97	0.72	0.28	4.01	0.01	0.01
11.98	0.74	0.26	4.01	0.01	0.01	11.99	2.00	0.00	4.00	0.01	0.00
12.00	2.00	0.00	4.00	0.01	0.00	12.01	2.00	0.00	4.00	0.01	0.00
12.02	2.00	0.00	3.99	0.01	0.00	12.03	2.00	0.00	3.98	0.01	0.00
12.04	2.00	0.00	3.98	0.01	0.00	12.05	2.00	0.00	3.98	0.01	0.00
12.06	2.00	0.00	3.97	0.01	0.00	12.07	2.00	0.00	3.96	0.01	0.00
12.08	2.00	0.00	3.96	0.01	0.00	12.09	2.00	0.00	3.96	0.01	0.00
12.10	2.00	0.00	3.95	0.01	0.00	12.11	2.00	0.00	3.94	0.01	0.00
12.12	2.00	0.00	3.94	0.01	0.00	12.13	2.00	0.00	3.94	0.01	0.00
12.14	2.00	0.00	3.93	0.01	0.00	12.15	2.00	0.00	3.92	0.01	0.00
12.16	2.00	0.00	3.92	0.01	0.00	12.17	2.00	0.00	3.92	0.01	0.00
12.18	2.00	0.00	3.91	0.01	0.00	12.19	2.00	0.00	3.90	0.01	0.00
12.20	2.00	0.00	3.90	0.01	0.00	12.21	2.00	0.00	3.90	0.01	0.00
12.22	2.00	0.00	3.89	0.01	0.00	12.23	2.00	0.00	3.88	0.01	0.00
12.24	2.00	0.00	3.88	0.01	0.00	12.25	2.00	0.00	3.88	0.01	0.00
12.26	2.00	0.00	3.87	0.01	0.00	12.27	2.00	0.00	3.87	0.01	0.00
12.28	0.52	0.48	3.86	0.01	0.02	12.29	0.53	0.47	3.85	0.01	0.02
12.30	0.54	0.46	3.85	0.01	0.02	12.31	0.55	0.45	3.85	0.01	0.02
12.32	0.57	0.43	3.84	0.01	0.02	12.33	0.60	0.40	3.83	0.01	0.02
12.34	0.63	0.37	3.83	0.01	0.01	12.35	0.65	0.35	3.83	0.01	0.01
12.36	0.66	0.34	3.82	0.01	0.01	12.37	0.66	0.34	3.81	0.01	0.01
12.38	0.67	0.33	3.81	0.01	0.01	12.39	0.66	0.34	3.81	0.01	0.01
12.40	0.66	0.34	3.80	0.01	0.01	12.41	0.65	0.35	3.79	0.01	0.01
12.42	0.64	0.36	3.79	0.01	0.01	12.43	0.63	0.37	3.79	0.01	0.01
12.44	0.63	0.37	3.78	0.01	0.01	12.45	0.64	0.36	3.77	0.01	0.01
12.46	0.65	0.35	3.77	0.01	0.01	12.47	0.66	0.34	3.77	0.01	0.01
12.48	0.66	0.34	3.76	0.01	0.01	12.49	0.65	0.35	3.75	0.01	0.01
12.50	0.64	0.36	3.75	0.01	0.01	12.51	0.63	0.37	3.75	0.01	0.01
12.52	0.63	0.37	3.74	0.01	0.01	12.53	0.63	0.37	3.73	0.01	0.01
12.54	0.64	0.36	3.73	0.01	0.01	12.55	0.63	0.37	3.73	0.01	0.01
12.56	0.62	0.38	3.72	0.01	0.01	12.57	0.60	0.40	3.71	0.01	0.01
12.58	0.59	0.41	3.71	0.01	0.02	12.59	0.59	0.41	3.71	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.60	0.53	0.47	3.70	0.01	0.02	12.61	0.55	0.45	3.69	0.01	0.02
12.62	0.57	0.43	3.69	0.01	0.02	12.63	0.70	0.30	3.69	0.01	0.01
12.64	0.73	0.27	3.68	0.01	0.01	12.65	0.76	0.24	3.67	0.01	0.01
12.66	0.78	0.22	3.67	0.01	0.01	12.67	0.79	0.21	3.67	0.01	0.01
12.68	0.80	0.20	3.66	0.01	0.01	12.69	0.77	0.23	3.65	0.01	0.01
12.70	0.65	0.35	3.65	0.01	0.01	12.71	0.63	0.37	3.65	0.01	0.01
12.72	0.61	0.39	3.64	0.01	0.01	12.73	0.60	0.40	3.63	0.01	0.01
12.74	0.59	0.41	3.63	0.01	0.01	12.75	0.59	0.41	3.63	0.01	0.01
12.76	0.58	0.42	3.62	0.01	0.02	12.77	0.58	0.42	3.62	0.01	0.02
12.78	0.57	0.43	3.61	0.01	0.02	12.79	0.58	0.42	3.60	0.01	0.02
12.80	0.58	0.42	3.60	0.01	0.01	12.81	0.59	0.41	3.60	0.01	0.01
12.82	0.59	0.41	3.59	0.01	0.01	12.83	0.59	0.41	3.58	0.01	0.01
12.84	0.58	0.42	3.58	0.01	0.01	12.85	0.58	0.42	3.58	0.01	0.02
12.86	0.57	0.43	3.57	0.01	0.02	12.87	0.57	0.43	3.56	0.01	0.02
12.88	0.57	0.43	3.56	0.01	0.02	12.89	0.57	0.43	3.56	0.01	0.02
12.90	0.58	0.42	3.55	0.01	0.01	12.91	0.59	0.41	3.54	0.01	0.01
12.92	0.59	0.41	3.54	0.01	0.01	12.93	0.60	0.40	3.54	0.01	0.01
12.94	0.61	0.39	3.53	0.01	0.01	12.95	0.61	0.39	3.52	0.01	0.01
12.96	0.61	0.39	3.52	0.01	0.01	12.97	0.60	0.40	3.52	0.01	0.01
12.98	0.60	0.40	3.51	0.01	0.01	12.99	0.60	0.40	3.50	0.01	0.01
13.00	0.60	0.40	3.50	0.01	0.01	13.01	0.60	0.40	3.50	0.01	0.01
13.02	0.60	0.40	3.49	0.01	0.01	13.03	0.61	0.39	3.48	0.01	0.01
13.04	0.61	0.39	3.48	0.01	0.01	13.05	0.61	0.39	3.48	0.01	0.01
13.06	0.61	0.39	3.47	0.01	0.01	13.07	0.61	0.39	3.46	0.01	0.01
13.08	0.61	0.39	3.46	0.01	0.01	13.09	0.61	0.39	3.46	0.01	0.01
13.10	0.61	0.39	3.45	0.01	0.01	13.11	0.61	0.39	3.44	0.01	0.01
13.12	0.60	0.40	3.44	0.01	0.01	13.13	0.60	0.40	3.44	0.01	0.01
13.14	0.59	0.41	3.43	0.01	0.01	13.15	0.58	0.42	3.42	0.01	0.01
13.16	0.57	0.43	3.42	0.01	0.01	13.17	0.56	0.44	3.42	0.01	0.02
13.18	0.55	0.45	3.41	0.01	0.02	13.19	0.55	0.45	3.40	0.01	0.02
13.20	0.54	0.46	3.40	0.01	0.02	13.21	0.54	0.46	3.40	0.01	0.02
13.22	0.54	0.46	3.39	0.01	0.02	13.23	0.62	0.38	3.38	0.01	0.01
13.24	0.62	0.38	3.38	0.01	0.01	13.25	0.62	0.38	3.38	0.01	0.01
13.26	0.61	0.39	3.37	0.01	0.01	13.27	0.60	0.40	3.37	0.01	0.01
13.28	0.59	0.41	3.36	0.01	0.01	13.29	0.58	0.42	3.35	0.01	0.01
13.30	0.57	0.43	3.35	0.01	0.01	13.31	0.56	0.44	3.35	0.01	0.01
13.32	0.55	0.45	3.34	0.01	0.01	13.33	0.55	0.45	3.33	0.01	0.02
13.34	0.54	0.46	3.33	0.01	0.02	13.35	0.54	0.46	3.33	0.01	0.02
13.36	0.54	0.46	3.32	0.01	0.02	13.37	0.54	0.46	3.31	0.01	0.02
13.38	0.54	0.46	3.31	0.01	0.02	13.39	0.54	0.46	3.31	0.01	0.02
13.40	0.54	0.46	3.30	0.01	0.02	13.41	0.54	0.46	3.29	0.01	0.02
13.42	0.54	0.46	3.29	0.01	0.02	13.43	0.53	0.47	3.29	0.01	0.02
13.44	0.53	0.47	3.28	0.01	0.02	13.45	0.53	0.47	3.27	0.01	0.02
13.46	0.45	0.55	3.27	0.01	0.02	13.47	0.45	0.55	3.27	0.01	0.02
13.48	0.45	0.55	3.26	0.01	0.02	13.49	0.45	0.55	3.25	0.01	0.02
13.50	0.46	0.54	3.25	0.01	0.02	13.51	0.46	0.54	3.25	0.01	0.02
13.52	0.46	0.54	3.24	0.01	0.02	13.53	0.46	0.54	3.23	0.01	0.02
13.54	0.46	0.54	3.23	0.01	0.02	13.55	0.46	0.54	3.23	0.01	0.02



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.56	0.46	0.54	3.22	0.01	0.02	13.57	0.47	0.53	3.21	0.01	0.02
13.58	0.47	0.53	3.21	0.01	0.02	13.59	0.47	0.53	3.21	0.01	0.02
13.60	0.47	0.53	3.20	0.01	0.02	13.61	0.47	0.53	3.19	0.01	0.02
13.62	0.47	0.53	3.19	0.01	0.02	13.63	0.47	0.53	3.19	0.01	0.02
13.64	0.47	0.53	3.18	0.01	0.02	13.65	0.48	0.52	3.17	0.01	0.02
13.66	0.48	0.52	3.17	0.01	0.02	13.67	0.48	0.52	3.17	0.01	0.02
13.68	0.48	0.52	3.16	0.01	0.02	13.69	0.49	0.51	3.15	0.01	0.02
13.70	0.50	0.50	3.15	0.01	0.02	13.71	0.50	0.50	3.15	0.01	0.02
13.72	0.50	0.50	3.14	0.01	0.02	13.73	0.50	0.50	3.13	0.01	0.02
13.74	0.50	0.50	3.13	0.01	0.02	13.75	0.50	0.50	3.13	0.01	0.02
13.76	0.50	0.50	3.12	0.01	0.02	13.77	0.49	0.51	3.12	0.01	0.02
13.78	0.49	0.51	3.11	0.01	0.02	13.79	0.49	0.51	3.10	0.01	0.02
13.80	0.49	0.51	3.10	0.01	0.02	13.81	0.49	0.51	3.10	0.01	0.02
13.82	0.49	0.51	3.09	0.01	0.02	13.83	0.49	0.51	3.08	0.01	0.02
13.84	0.50	0.50	3.08	0.01	0.02	13.85	0.50	0.50	3.08	0.01	0.02
13.86	0.51	0.49	3.07	0.01	0.02	13.87	0.51	0.49	3.06	0.01	0.01
13.88	0.52	0.48	3.06	0.01	0.01	13.89	0.53	0.47	3.06	0.01	0.01
13.90	0.55	0.45	3.05	0.01	0.01	13.91	0.56	0.44	3.04	0.01	0.01
13.92	0.57	0.43	3.04	0.01	0.01	13.93	0.58	0.42	3.04	0.01	0.01
13.94	0.58	0.42	3.03	0.01	0.01	13.95	0.58	0.42	3.02	0.01	0.01
13.96	0.58	0.42	3.02	0.01	0.01	13.97	0.58	0.42	3.02	0.01	0.01
13.98	0.58	0.42	3.01	0.01	0.01	13.99	0.58	0.42	3.00	0.01	0.01
14.00	0.58	0.42	3.00	0.01	0.01	14.01	0.59	0.41	3.00	0.01	0.01
14.02	0.60	0.40	2.99	0.01	0.01	14.03	0.60	0.40	2.98	0.01	0.01
14.04	0.60	0.40	2.98	0.01	0.01	14.05	0.60	0.40	2.98	0.01	0.01
14.06	0.60	0.40	2.97	0.01	0.01	14.07	0.59	0.41	2.96	0.01	0.01
14.08	0.58	0.42	2.96	0.01	0.01	14.09	0.57	0.43	2.96	0.01	0.01
14.10	0.56	0.44	2.95	0.01	0.01	14.11	0.63	0.37	2.94	0.01	0.01
14.12	0.63	0.37	2.94	0.01	0.01	14.13	0.62	0.38	2.94	0.01	0.01
14.14	0.62	0.38	2.93	0.01	0.01	14.15	0.62	0.38	2.92	0.01	0.01
14.16	0.62	0.38	2.92	0.01	0.01	14.17	0.63	0.37	2.92	0.01	0.01
14.18	0.63	0.37	2.91	0.01	0.01	14.19	0.63	0.37	2.90	0.01	0.01
14.20	0.63	0.37	2.90	0.01	0.01	14.21	0.63	0.37	2.90	0.01	0.01
14.22	0.63	0.37	2.89	0.01	0.01	14.23	0.64	0.36	2.88	0.01	0.01
14.24	0.64	0.36	2.88	0.01	0.01	14.25	0.64	0.36	2.88	0.01	0.01
14.26	0.56	0.44	2.87	0.01	0.01	14.27	0.57	0.43	2.87	0.01	0.01
14.28	0.58	0.42	2.86	0.01	0.01	14.29	0.58	0.42	2.85	0.01	0.01
14.30	0.59	0.41	2.85	0.01	0.01	14.31	0.59	0.41	2.85	0.01	0.01
14.32	0.59	0.41	2.84	0.01	0.01	14.33	0.58	0.42	2.83	0.01	0.01
14.34	0.58	0.42	2.83	0.01	0.01	14.35	0.57	0.43	2.83	0.01	0.01
14.36	0.57	0.43	2.82	0.01	0.01	14.37	0.57	0.43	2.81	0.01	0.01
14.38	0.57	0.43	2.81	0.01	0.01	14.39	0.57	0.43	2.81	0.01	0.01
14.40	0.57	0.43	2.80	0.01	0.01	14.41	0.57	0.43	2.79	0.01	0.01
14.42	0.58	0.42	2.79	0.01	0.01	14.43	0.58	0.42	2.79	0.01	0.01
14.44	0.58	0.42	2.78	0.01	0.01	14.45	0.57	0.43	2.77	0.01	0.01
14.46	0.57	0.43	2.77	0.01	0.01	14.47	0.56	0.44	2.77	0.01	0.01
14.48	0.56	0.44	2.76	0.01	0.01	14.49	0.55	0.45	2.75	0.01	0.01
14.50	0.55	0.45	2.75	0.01	0.01	14.51	0.54	0.46	2.75	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.52	0.53	0.47	2.74	0.01	0.01	14.53	0.61	0.39	2.73	0.01	0.01
14.54	0.60	0.40	2.73	0.01	0.01	14.55	0.59	0.41	2.73	0.01	0.01
14.56	0.59	0.41	2.72	0.01	0.01	14.57	0.58	0.42	2.71	0.01	0.01
14.58	0.57	0.43	2.71	0.01	0.01	14.59	0.57	0.43	2.71	0.01	0.01
14.60	0.57	0.43	2.70	0.01	0.01	14.61	0.57	0.43	2.69	0.01	0.01
14.62	0.57	0.43	2.69	0.01	0.01	14.63	0.57	0.43	2.69	0.01	0.01
14.64	0.57	0.43	2.68	0.01	0.01	14.65	0.57	0.43	2.67	0.01	0.01
14.66	0.57	0.43	2.67	0.01	0.01	14.67	0.58	0.42	2.67	0.01	0.01
14.68	0.59	0.41	2.66	0.01	0.01	14.69	0.60	0.40	2.65	0.01	0.01
14.70	0.60	0.40	2.65	0.01	0.01	14.71	0.61	0.39	2.65	0.01	0.01
14.72	0.61	0.39	2.64	0.01	0.01	14.73	0.61	0.39	2.63	0.01	0.01
14.74	0.53	0.47	2.63	0.01	0.01	14.75	0.54	0.46	2.63	0.01	0.01
14.76	0.56	0.44	2.62	0.01	0.01	14.77	0.59	0.41	2.62	0.01	0.01
14.78	0.62	0.38	2.61	0.01	0.01	14.79	0.65	0.35	2.60	0.01	0.01
14.80	0.67	0.33	2.60	0.01	0.01	14.81	0.69	0.31	2.60	0.01	0.01
14.82	0.71	0.29	2.59	0.01	0.01	14.83	0.71	0.29	2.58	0.01	0.01
14.84	0.71	0.29	2.58	0.01	0.01	14.85	0.70	0.30	2.58	0.01	0.01
14.86	0.69	0.31	2.57	0.01	0.01	14.87	0.68	0.32	2.56	0.01	0.01
14.88	0.67	0.33	2.56	0.01	0.01	14.89	0.66	0.34	2.56	0.01	0.01
14.90	0.65	0.35	2.55	0.01	0.01	14.91	0.65	0.35	2.54	0.01	0.01
14.92	0.64	0.36	2.54	0.01	0.01	14.93	0.64	0.36	2.54	0.01	0.01
14.94	0.64	0.36	2.53	0.01	0.01	14.95	0.65	0.35	2.52	0.01	0.01
14.96	0.66	0.34	2.52	0.01	0.01	14.97	0.68	0.32	2.52	0.01	0.01
14.98	0.71	0.29	2.51	0.01	0.01	14.99	0.74	0.26	2.50	0.01	0.01
15.00	0.80	0.20	2.50	0.01	0.01	15.01	2.00	0.00	2.50	0.01	0.00
15.02	2.00	0.00	2.49	0.01	0.00	15.03	2.00	0.00	2.48	0.01	0.00
15.04	2.00	0.00	2.48	0.01	0.00	15.05	2.00	0.00	2.48	0.01	0.00
15.06	2.00	0.00	2.47	0.01	0.00	15.07	2.00	0.00	2.46	0.01	0.00
15.08	2.00	0.00	2.46	0.01	0.00	15.09	2.00	0.00	2.46	0.01	0.00
15.10	2.00	0.00	2.45	0.01	0.00	15.11	2.00	0.00	2.44	0.01	0.00
15.12	2.00	0.00	2.44	0.01	0.00	15.13	2.00	0.00	2.44	0.01	0.00
15.14	2.00	0.00	2.43	0.01	0.00	15.15	2.00	0.00	2.42	0.01	0.00
15.16	2.00	0.00	2.42	0.01	0.00	15.17	2.00	0.00	2.42	0.01	0.00
15.18	2.00	0.00	2.41	0.01	0.00	15.19	2.00	0.00	2.40	0.01	0.00
15.20	2.00	0.00	2.40	0.01	0.00	15.21	2.00	0.00	2.40	0.01	0.00
15.22	2.00	0.00	2.39	0.01	0.00	15.23	2.00	0.00	2.38	0.01	0.00
15.24	2.00	0.00	2.38	0.01	0.00	15.25	2.00	0.00	2.38	0.01	0.00
15.26	2.00	0.00	2.37	0.01	0.00	15.27	2.00	0.00	2.37	0.01	0.00
15.28	2.00	0.00	2.36	0.01	0.00	15.29	2.00	0.00	2.35	0.01	0.00
15.30	2.00	0.00	2.35	0.01	0.00	15.31	2.00	0.00	2.35	0.01	0.00
15.32	2.00	0.00	2.34	0.01	0.00	15.33	2.00	0.00	2.33	0.01	0.00
15.34	2.00	0.00	2.33	0.01	0.00	15.35	2.00	0.00	2.33	0.01	0.00
15.36	2.00	0.00	2.32	0.01	0.00	15.37	2.00	0.00	2.31	0.01	0.00
15.38	2.00	0.00	2.31	0.01	0.00	15.39	2.00	0.00	2.31	0.01	0.00
15.40	2.00	0.00	2.30	0.01	0.00	15.41	2.00	0.00	2.29	0.01	0.00
15.42	2.00	0.00	2.29	0.01	0.00	15.43	2.00	0.00	2.29	0.01	0.00
15.44	2.00	0.00	2.28	0.01	0.00	15.45	2.00	0.00	2.27	0.01	0.00
15.46	2.00	0.00	2.27	0.01	0.00	15.47	2.00	0.00	2.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.48	2.00	0.00	2.26	0.01	0.00	15.49	2.00	0.00	2.25	0.01	0.00
15.50	2.00	0.00	2.25	0.01	0.00	15.51	2.00	0.00	2.25	0.01	0.00
15.52	2.00	0.00	2.24	0.01	0.00	15.53	2.00	0.00	2.23	0.01	0.00
15.54	2.00	0.00	2.23	0.01	0.00	15.55	2.00	0.00	2.23	0.01	0.00
15.56	2.00	0.00	2.22	0.01	0.00	15.57	2.00	0.00	2.21	0.01	0.00
15.58	2.00	0.00	2.21	0.01	0.00	15.59	2.00	0.00	2.21	0.01	0.00
15.60	2.00	0.00	2.20	0.01	0.00	15.61	2.00	0.00	2.19	0.01	0.00
15.62	2.00	0.00	2.19	0.01	0.00	15.63	2.00	0.00	2.19	0.01	0.00
15.64	2.00	0.00	2.18	0.01	0.00	15.65	2.00	0.00	2.17	0.01	0.00
15.66	2.00	0.00	2.17	0.01	0.00	15.67	2.00	0.00	2.17	0.01	0.00
15.68	2.00	0.00	2.16	0.01	0.00	15.69	2.00	0.00	2.15	0.01	0.00
15.70	2.00	0.00	2.15	0.01	0.00	15.71	2.00	0.00	2.15	0.01	0.00
15.72	2.00	0.00	2.14	0.01	0.00	15.73	2.00	0.00	2.13	0.01	0.00
15.74	2.00	0.00	2.13	0.01	0.00	15.75	2.00	0.00	2.13	0.01	0.00
15.76	2.00	0.00	2.12	0.01	0.00	15.77	2.00	0.00	2.12	0.01	0.00
15.78	2.00	0.00	2.11	0.01	0.00	15.79	2.00	0.00	2.10	0.01	0.00
15.80	2.00	0.00	2.10	0.01	0.00	15.81	2.00	0.00	2.10	0.01	0.00
15.82	2.00	0.00	2.09	0.01	0.00	15.83	2.00	0.00	2.08	0.01	0.00
15.84	2.00	0.00	2.08	0.01	0.00	15.85	2.00	0.00	2.08	0.01	0.00
15.86	2.00	0.00	2.07	0.01	0.00	15.87	2.00	0.00	2.06	0.01	0.00
15.88	2.00	0.00	2.06	0.01	0.00	15.89	2.00	0.00	2.06	0.01	0.00
15.90	2.00	0.00	2.05	0.01	0.00	15.91	2.00	0.00	2.04	0.01	0.00
15.92	2.00	0.00	2.04	0.01	0.00	15.93	2.00	0.00	2.04	0.01	0.00
15.94	2.00	0.00	2.03	0.01	0.00	15.95	2.00	0.00	2.02	0.01	0.00
15.96	2.00	0.00	2.02	0.01	0.00	15.97	2.00	0.00	2.02	0.01	0.00
15.98	2.00	0.00	2.01	0.01	0.00	15.99	2.00	0.00	2.00	0.01	0.00
16.00	2.00	0.00	2.00	0.01	0.00	16.01	2.00	0.00	2.00	0.01	0.00
16.02	2.00	0.00	1.99	0.01	0.00	16.03	2.00	0.00	1.99	0.01	0.00
16.04	2.00	0.00	1.98	0.01	0.00	16.05	2.00	0.00	1.98	0.01	0.00
16.06	2.00	0.00	1.97	0.01	0.00	16.07	2.00	0.00	1.97	0.01	0.00
16.08	2.00	0.00	1.96	0.01	0.00	16.09	2.00	0.00	1.96	0.01	0.00
16.10	2.00	0.00	1.95	0.01	0.00	16.11	2.00	0.00	1.95	0.01	0.00
16.12	2.00	0.00	1.94	0.01	0.00	16.13	2.00	0.00	1.94	0.01	0.00
16.14	2.00	0.00	1.93	0.01	0.00	16.15	2.00	0.00	1.93	0.01	0.00
16.16	2.00	0.00	1.92	0.01	0.00	16.17	2.00	0.00	1.92	0.01	0.00
16.18	2.00	0.00	1.91	0.01	0.00	16.19	2.00	0.00	1.91	0.01	0.00
16.20	2.00	0.00	1.90	0.01	0.00	16.21	2.00	0.00	1.90	0.01	0.00
16.22	2.00	0.00	1.89	0.01	0.00	16.23	2.00	0.00	1.89	0.01	0.00
16.24	2.00	0.00	1.88	0.01	0.00	16.25	2.00	0.00	1.88	0.01	0.00
16.26	2.00	0.00	1.87	0.01	0.00	16.27	2.00	0.00	1.86	0.01	0.00
16.28	2.00	0.00	1.86	0.01	0.00	16.29	2.00	0.00	1.85	0.01	0.00
16.30	2.00	0.00	1.85	0.01	0.00	16.31	2.00	0.00	1.84	0.01	0.00
16.32	2.00	0.00	1.84	0.01	0.00	16.33	2.00	0.00	1.83	0.01	0.00
16.34	2.00	0.00	1.83	0.01	0.00	16.35	2.00	0.00	1.82	0.01	0.00
16.36	2.00	0.00	1.82	0.01	0.00	16.37	2.00	0.00	1.81	0.01	0.00
16.38	2.00	0.00	1.81	0.01	0.00	16.39	2.00	0.00	1.80	0.01	0.00
16.40	2.00	0.00	1.80	0.01	0.00	16.41	2.00	0.00	1.79	0.01	0.00
16.42	2.00	0.00	1.79	0.01	0.00	16.43	2.00	0.00	1.78	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.44	2.00	0.00	1.78	0.01	0.00	16.45	2.00	0.00	1.77	0.01	0.00
16.46	2.00	0.00	1.77	0.01	0.00	16.47	2.00	0.00	1.76	0.01	0.00
16.48	2.00	0.00	1.76	0.01	0.00	16.49	2.00	0.00	1.75	0.01	0.00
16.50	2.00	0.00	1.75	0.01	0.00	16.51	2.00	0.00	1.75	0.01	0.00
16.52	2.00	0.00	1.74	0.01	0.00	16.53	2.00	0.00	1.74	0.01	0.00
16.54	2.00	0.00	1.73	0.01	0.00	16.55	2.00	0.00	1.73	0.01	0.00
16.56	2.00	0.00	1.72	0.01	0.00	16.57	2.00	0.00	1.72	0.01	0.00
16.58	2.00	0.00	1.71	0.01	0.00	16.59	2.00	0.00	1.71	0.01	0.00
16.60	2.00	0.00	1.70	0.01	0.00	16.61	2.00	0.00	1.70	0.01	0.00
16.62	2.00	0.00	1.69	0.01	0.00	16.63	2.00	0.00	1.69	0.01	0.00
16.64	2.00	0.00	1.68	0.01	0.00	16.65	2.00	0.00	1.68	0.01	0.00
16.66	2.00	0.00	1.67	0.01	0.00	16.67	2.00	0.00	1.67	0.01	0.00
16.68	2.00	0.00	1.66	0.01	0.00	16.69	2.00	0.00	1.66	0.01	0.00
16.70	2.00	0.00	1.65	0.01	0.00	16.71	2.00	0.00	1.65	0.01	0.00
16.72	2.00	0.00	1.64	0.01	0.00	16.73	2.00	0.00	1.64	0.01	0.00
16.74	2.00	0.00	1.63	0.01	0.00	16.75	2.00	0.00	1.63	0.01	0.00
16.76	2.00	0.00	1.62	0.01	0.00	16.77	2.00	0.00	1.61	0.01	0.00
16.78	2.00	0.00	1.61	0.01	0.00	16.79	2.00	0.00	1.60	0.01	0.00
16.80	2.00	0.00	1.60	0.01	0.00	16.81	2.00	0.00	1.59	0.01	0.00
16.82	2.00	0.00	1.59	0.01	0.00	16.83	2.00	0.00	1.58	0.01	0.00
16.84	2.00	0.00	1.58	0.01	0.00	16.85	2.00	0.00	1.57	0.01	0.00
16.86	2.00	0.00	1.57	0.01	0.00	16.87	2.00	0.00	1.56	0.01	0.00
16.88	2.00	0.00	1.56	0.01	0.00	16.89	2.00	0.00	1.55	0.01	0.00
16.90	2.00	0.00	1.55	0.01	0.00	16.91	2.00	0.00	1.54	0.01	0.00
16.92	2.00	0.00	1.54	0.01	0.00	16.93	2.00	0.00	1.53	0.01	0.00
16.94	2.00	0.00	1.53	0.01	0.00	16.95	2.00	0.00	1.52	0.01	0.00
16.96	2.00	0.00	1.52	0.01	0.00	16.97	2.00	0.00	1.51	0.01	0.00
16.98	2.00	0.00	1.51	0.01	0.00	16.99	2.00	0.00	1.50	0.01	0.00
17.00	2.00	0.00	1.50	0.01	0.00	17.01	2.00	0.00	1.50	0.01	0.00
17.02	2.00	0.00	1.49	0.01	0.00	17.03	2.00	0.00	1.49	0.01	0.00
17.04	2.00	0.00	1.48	0.01	0.00	17.05	2.00	0.00	1.48	0.01	0.00
17.06	2.00	0.00	1.47	0.01	0.00	17.07	2.00	0.00	1.47	0.01	0.00
17.08	2.00	0.00	1.46	0.01	0.00	17.09	2.00	0.00	1.46	0.01	0.00
17.10	2.00	0.00	1.45	0.01	0.00	17.11	2.00	0.00	1.45	0.01	0.00
17.12	2.00	0.00	1.44	0.01	0.00	17.13	2.00	0.00	1.44	0.01	0.00
17.14	2.00	0.00	1.43	0.01	0.00	17.15	2.00	0.00	1.43	0.01	0.00
17.16	2.00	0.00	1.42	0.01	0.00	17.17	2.00	0.00	1.42	0.01	0.00
17.18	2.00	0.00	1.41	0.01	0.00	17.19	2.00	0.00	1.41	0.01	0.00
17.20	2.00	0.00	1.40	0.01	0.00	17.21	2.00	0.00	1.40	0.01	0.00
17.22	2.00	0.00	1.39	0.01	0.00	17.23	2.00	0.00	1.39	0.01	0.00
17.24	2.00	0.00	1.38	0.01	0.00	17.25	2.00	0.00	1.38	0.01	0.00
17.26	2.00	0.00	1.37	0.01	0.00	17.27	2.00	0.00	1.36	0.01	0.00
17.28	2.00	0.00	1.36	0.01	0.00	17.29	2.00	0.00	1.35	0.01	0.00
17.30	2.00	0.00	1.35	0.01	0.00	17.31	2.00	0.00	1.34	0.01	0.00
17.32	2.00	0.00	1.34	0.01	0.00	17.33	2.00	0.00	1.33	0.01	0.00
17.34	2.00	0.00	1.33	0.01	0.00	17.35	2.00	0.00	1.32	0.01	0.00
17.36	2.00	0.00	1.32	0.01	0.00	17.37	2.00	0.00	1.31	0.01	0.00
17.38	2.00	0.00	1.31	0.01	0.00	17.39	2.00	0.00	1.30	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.40	2.00	0.00	1.30	0.01	0.00	17.41	2.00	0.00	1.29	0.01	0.00
17.42	2.00	0.00	1.29	0.01	0.00	17.43	2.00	0.00	1.28	0.01	0.00
17.44	2.00	0.00	1.28	0.01	0.00	17.45	2.00	0.00	1.27	0.01	0.00
17.46	2.00	0.00	1.27	0.01	0.00	17.47	2.00	0.00	1.26	0.01	0.00
17.48	2.00	0.00	1.26	0.01	0.00	17.49	2.00	0.00	1.25	0.01	0.00
17.50	2.00	0.00	1.25	0.01	0.00	17.51	2.00	0.00	1.25	0.01	0.00
17.52	2.00	0.00	1.24	0.01	0.00	17.53	2.00	0.00	1.24	0.01	0.00
17.54	2.00	0.00	1.23	0.01	0.00	17.55	2.00	0.00	1.23	0.01	0.00
17.56	2.00	0.00	1.22	0.01	0.00	17.57	2.00	0.00	1.22	0.01	0.00
17.58	2.00	0.00	1.21	0.01	0.00	17.59	2.00	0.00	1.21	0.01	0.00
17.60	2.00	0.00	1.20	0.01	0.00	17.61	2.00	0.00	1.20	0.01	0.00
17.62	2.00	0.00	1.19	0.01	0.00	17.63	2.00	0.00	1.19	0.01	0.00
17.64	2.00	0.00	1.18	0.01	0.00	17.65	2.00	0.00	1.18	0.01	0.00
17.66	2.00	0.00	1.17	0.01	0.00	17.67	2.00	0.00	1.17	0.01	0.00
17.68	2.00	0.00	1.16	0.01	0.00	17.69	2.00	0.00	1.16	0.01	0.00
17.70	2.00	0.00	1.15	0.01	0.00	17.71	2.00	0.00	1.15	0.01	0.00
17.72	2.00	0.00	1.14	0.01	0.00	17.73	2.00	0.00	1.14	0.01	0.00
17.74	2.00	0.00	1.13	0.01	0.00	17.75	2.00	0.00	1.13	0.01	0.00
17.76	2.00	0.00	1.12	0.01	0.00	17.77	2.00	0.00	1.11	0.01	0.00
17.78	2.00	0.00	1.11	0.01	0.00	17.79	2.00	0.00	1.10	0.01	0.00
17.80	2.00	0.00	1.10	0.01	0.00	17.81	2.00	0.00	1.09	0.01	0.00
17.82	2.00	0.00	1.09	0.01	0.00	17.83	2.00	0.00	1.08	0.01	0.00
17.84	2.00	0.00	1.08	0.01	0.00	17.85	2.00	0.00	1.07	0.01	0.00
17.86	2.00	0.00	1.07	0.01	0.00	17.87	2.00	0.00	1.06	0.01	0.00
17.88	2.00	0.00	1.06	0.01	0.00	17.89	2.00	0.00	1.05	0.01	0.00
17.90	2.00	0.00	1.05	0.01	0.00	17.91	2.00	0.00	1.04	0.01	0.00
17.92	2.00	0.00	1.04	0.01	0.00	17.93	2.00	0.00	1.03	0.01	0.00
17.94	2.00	0.00	1.03	0.01	0.00	17.95	2.00	0.00	1.02	0.01	0.00
17.96	2.00	0.00	1.02	0.01	0.00	17.97	2.00	0.00	1.01	0.01	0.00
17.98	2.00	0.00	1.01	0.01	0.00	17.99	2.00	0.00	1.00	0.01	0.00
18.00	2.00	0.00	1.00	0.01	0.00	18.01	2.00	0.00	0.99	0.01	0.00
18.02	2.00	0.00	0.99	0.01	0.00	18.03	2.00	0.00	0.98	0.01	0.00
18.04	2.00	0.00	0.98	0.01	0.00	18.05	2.00	0.00	0.97	0.01	0.00
18.06	2.00	0.00	0.97	0.01	0.00	18.07	2.00	0.00	0.96	0.01	0.00
18.08	2.00	0.00	0.96	0.01	0.00	18.09	2.00	0.00	0.95	0.01	0.00
18.10	2.00	0.00	0.95	0.01	0.00	18.11	2.00	0.00	0.94	0.01	0.00
18.12	2.00	0.00	0.94	0.01	0.00	18.13	2.00	0.00	0.94	0.01	0.00
18.14	2.00	0.00	0.93	0.01	0.00	18.15	2.00	0.00	0.93	0.01	0.00
18.16	2.00	0.00	0.92	0.01	0.00	18.17	2.00	0.00	0.91	0.01	0.00
18.18	2.00	0.00	0.91	0.01	0.00	18.19	2.00	0.00	0.90	0.01	0.00
18.20	2.00	0.00	0.90	0.01	0.00	18.21	2.00	0.00	0.90	0.01	0.00
18.22	2.00	0.00	0.89	0.01	0.00	18.23	2.00	0.00	0.89	0.01	0.00
18.24	2.00	0.00	0.88	0.01	0.00	18.25	2.00	0.00	0.88	0.01	0.00
18.26	2.00	0.00	0.87	0.01	0.00	18.27	2.00	0.00	0.86	0.01	0.00
18.28	2.00	0.00	0.86	0.01	0.00	18.29	2.00	0.00	0.85	0.01	0.00
18.30	2.00	0.00	0.85	0.01	0.00	18.31	2.00	0.00	0.85	0.01	0.00
18.32	2.00	0.00	0.84	0.01	0.00	18.33	2.00	0.00	0.84	0.01	0.00
18.34	2.00	0.00	0.83	0.01	0.00	18.35	2.00	0.00	0.82	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.36	2.00	0.00	0.82	0.01	0.00	18.37	2.00	0.00	0.81	0.01	0.00
18.38	2.00	0.00	0.81	0.01	0.00	18.39	2.00	0.00	0.81	0.01	0.00
18.40	2.00	0.00	0.80	0.01	0.00	18.41	2.00	0.00	0.80	0.01	0.00
18.42	2.00	0.00	0.79	0.01	0.00	18.43	2.00	0.00	0.79	0.01	0.00
18.44	2.00	0.00	0.78	0.01	0.00	18.45	2.00	0.00	0.78	0.01	0.00
18.46	2.00	0.00	0.77	0.01	0.00	18.47	2.00	0.00	0.77	0.01	0.00
18.48	2.00	0.00	0.76	0.01	0.00	18.49	2.00	0.00	0.76	0.01	0.00
18.50	2.00	0.00	0.75	0.01	0.00	18.51	2.00	0.00	0.74	0.01	0.00
18.52	2.00	0.00	0.74	0.01	0.00	18.53	2.00	0.00	0.73	0.01	0.00
18.54	2.00	0.00	0.73	0.01	0.00	18.55	2.00	0.00	0.72	0.01	0.00
18.56	2.00	0.00	0.72	0.01	0.00	18.57	2.00	0.00	0.71	0.01	0.00
18.58	2.00	0.00	0.71	0.01	0.00	18.59	2.00	0.00	0.70	0.01	0.00
18.60	2.00	0.00	0.70	0.01	0.00	18.61	2.00	0.00	0.69	0.01	0.00
18.62	2.00	0.00	0.69	0.01	0.00	18.63	2.00	0.00	0.69	0.01	0.00
18.64	2.00	0.00	0.68	0.01	0.00	18.65	2.00	0.00	0.68	0.01	0.00
18.66	2.00	0.00	0.67	0.01	0.00	18.67	2.00	0.00	0.66	0.01	0.00
18.68	2.00	0.00	0.66	0.01	0.00	18.69	2.00	0.00	0.65	0.01	0.00
18.70	2.00	0.00	0.65	0.01	0.00	18.71	2.00	0.00	0.65	0.01	0.00
18.72	2.00	0.00	0.64	0.01	0.00	18.73	2.00	0.00	0.64	0.01	0.00
18.74	2.00	0.00	0.63	0.01	0.00	18.75	2.00	0.00	0.63	0.01	0.00
18.76	2.00	0.00	0.62	0.01	0.00	18.77	2.00	0.00	0.61	0.01	0.00
18.78	2.00	0.00	0.61	0.01	0.00	18.79	2.00	0.00	0.60	0.01	0.00
18.80	2.00	0.00	0.60	0.01	0.00	18.81	2.00	0.00	0.60	0.01	0.00
18.82	2.00	0.00	0.59	0.01	0.00	18.83	2.00	0.00	0.59	0.01	0.00
18.84	2.00	0.00	0.58	0.01	0.00	18.85	2.00	0.00	0.57	0.01	0.00
18.86	2.00	0.00	0.57	0.01	0.00	18.87	2.00	0.00	0.56	0.01	0.00
18.88	2.00	0.00	0.56	0.01	0.00	18.89	2.00	0.00	0.56	0.01	0.00
18.90	2.00	0.00	0.55	0.01	0.00	18.91	2.00	0.00	0.55	0.01	0.00
18.92	2.00	0.00	0.54	0.01	0.00	18.93	2.00	0.00	0.54	0.01	0.00
18.94	2.00	0.00	0.53	0.01	0.00	18.95	2.00	0.00	0.53	0.01	0.00
18.96	2.00	0.00	0.52	0.01	0.00	18.97	2.00	0.00	0.52	0.01	0.00
18.98	2.00	0.00	0.51	0.01	0.00	18.99	2.00	0.00	0.51	0.01	0.00
19.00	2.00	0.00	0.50	0.01	0.00	19.01	2.00	0.00	0.49	0.01	0.00
19.02	2.00	0.00	0.49	0.01	0.00	19.03	2.00	0.00	0.48	0.01	0.00
19.04	2.00	0.00	0.48	0.01	0.00	19.05	2.00	0.00	0.47	0.01	0.00
19.06	2.00	0.00	0.47	0.01	0.00	19.07	2.00	0.00	0.47	0.01	0.00
19.08	2.00	0.00	0.46	0.01	0.00	19.09	2.00	0.00	0.46	0.01	0.00
19.10	2.00	0.00	0.45	0.01	0.00	19.11	2.00	0.00	0.45	0.01	0.00
19.12	2.00	0.00	0.44	0.01	0.00	19.13	2.00	0.00	0.43	0.01	0.00
19.14	2.00	0.00	0.43	0.01	0.00	19.15	2.00	0.00	0.43	0.01	0.00
19.16	2.00	0.00	0.42	0.01	0.00	19.17	2.00	0.00	0.41	0.01	0.00
19.18	2.00	0.00	0.41	0.01	0.00	19.19	2.00	0.00	0.40	0.01	0.00
19.20	2.00	0.00	0.40	0.01	0.00	19.21	2.00	0.00	0.40	0.01	0.00
19.22	2.00	0.00	0.39	0.01	0.00	19.23	2.00	0.00	0.39	0.01	0.00
19.24	2.00	0.00	0.38	0.01	0.00	19.25	2.00	0.00	0.38	0.01	0.00
19.26	2.00	0.00	0.37	0.01	0.00	19.27	2.00	0.00	0.36	0.01	0.00
19.28	2.00	0.00	0.36	0.01	0.00	19.29	2.00	0.00	0.35	0.01	0.00
19.30	2.00	0.00	0.35	0.01	0.00	19.31	2.00	0.00	0.35	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.32	2.00	0.00	0.34	0.01	0.00	19.33	2.00	0.00	0.34	0.01	0.00
19.34	2.00	0.00	0.33	0.01	0.00	19.35	2.00	0.00	0.32	0.01	0.00
19.36	2.00	0.00	0.32	0.01	0.00	19.37	2.00	0.00	0.32	0.01	0.00
19.38	2.00	0.00	0.31	0.01	0.00	19.39	2.00	0.00	0.30	0.01	0.00
19.40	2.00	0.00	0.30	0.01	0.00	19.41	2.00	0.00	0.29	0.01	0.00
19.42	2.00	0.00	0.29	0.01	0.00	19.43	2.00	0.00	0.28	0.01	0.00
19.44	2.00	0.00	0.28	0.01	0.00	19.45	2.00	0.00	0.28	0.01	0.00
19.46	2.00	0.00	0.27	0.01	0.00	19.47	2.00	0.00	0.27	0.01	0.00
19.48	2.00	0.00	0.26	0.01	0.00	19.49	2.00	0.00	0.26	0.01	0.00
19.50	2.00	0.00	0.25	0.01	0.00	19.51	2.00	0.00	0.24	0.01	0.00
19.52	2.00	0.00	0.24	0.01	0.00	19.53	2.00	0.00	0.23	0.01	0.00
19.54	2.00	0.00	0.23	0.01	0.00	19.55	2.00	0.00	0.23	0.01	0.00
19.56	2.00	0.00	0.22	0.01	0.00	19.57	2.00	0.00	0.21	0.01	0.00
19.58	2.00	0.00	0.21	0.01	0.00	19.59	2.00	0.00	0.20	0.01	0.00
19.60	2.00	0.00	0.20	0.01	0.00	19.61	2.00	0.00	0.20	0.01	0.00
19.62	2.00	0.00	0.19	0.01	0.00	19.63	2.00	0.00	0.18	0.01	0.00
19.64	2.00	0.00	0.18	0.01	0.00	19.65	2.00	0.00	0.18	0.01	0.00
19.66	2.00	0.00	0.17	0.01	0.00	19.67	2.00	0.00	0.16	0.01	0.00
19.68	2.00	0.00	0.16	0.01	0.00	19.69	2.00	0.00	0.15	0.01	0.00
19.70	2.00	0.00	0.15	0.01	0.00	19.71	2.00	0.00	0.14	0.01	0.00
19.72	2.00	0.00	0.14	0.01	0.00	19.73	2.00	0.00	0.14	0.01	0.00
19.74	2.00	0.00	0.13	0.01	0.00	19.75	2.00	0.00	0.13	0.01	0.00
19.76	2.00	0.00	0.12	0.01	0.00	19.77	2.00	0.00	0.12	0.01	0.00
19.78	2.00	0.00	0.11	0.01	0.00	19.79	2.00	0.00	0.10	0.01	0.00
19.80	2.00	0.00	0.10	0.01	0.00	19.81	2.00	0.00	0.10	0.01	0.00
19.82	2.00	0.00	0.09	0.01	0.00	19.83	2.00	0.00	0.09	0.01	0.00
19.84	2.00	0.00	0.08	0.01	0.00	19.85	2.00	0.00	0.07	0.01	0.00
19.86	2.00	0.00	0.07	0.01	0.00	19.87	2.00	0.00	0.06	0.01	0.00
19.88	2.00	0.00	0.06	0.01	0.00	19.89	2.00	0.00	0.05	0.01	0.00
19.90	2.00	0.00	0.05	0.01	0.00	19.91	2.00	0.00	0.04	0.01	0.00
19.92	2.00	0.00	0.04	0.01	0.00	19.93	2.00	0.00	0.04	0.01	0.00
19.94	2.00	0.00	0.03	0.01	0.00	19.95	2.00	0.00	0.03	0.01	0.00
19.96	2.00	0.00	0.02	0.01	0.00	19.97	2.00	0.00	0.02	0.01	0.00
19.98	2.00	0.00	0.01	0.01	0.00	19.99	2.00	0.00	0.01	0.01	0.00
20.00	2.00	0.00	0.00	0.01	0.00	20.01	2.00	0.00	0.00	0.00	0.00
20.02	2.00	0.00	0.00	0.00	0.00	20.03	2.00	0.00	0.00	0.00	0.00
20.04	2.00	0.00	0.00	0.00	0.00	20.05	2.00	0.00	0.00	0.00	0.00
20.06	2.00	0.00	0.00	0.00	0.00	20.07	2.00	0.00	0.00	0.00	0.00
20.08	2.00	0.00	0.00	0.00	0.00	20.09	2.00	0.00	0.00	0.00	0.00
20.10	2.00	0.00	0.00	0.00	0.00	20.11	2.00	0.00	0.00	0.00	0.00
20.12	2.00	0.00	0.00	0.00	0.00	20.13	2.00	0.00	0.00	0.00	0.00
20.14	2.00	0.00	0.00	0.00	0.00	20.15	2.00	0.00	0.00	0.00	0.00
20.16	2.00	0.00	0.00	0.00	0.00	20.17	2.00	0.00	0.00	0.00	0.00
20.18	2.00	0.00	0.00	0.00	0.00	20.19	2.00	0.00	0.00	0.00	0.00
20.20	2.00	0.00	0.00	0.00	0.00	20.21	2.00	0.00	0.00	0.00	0.00
20.22	2.00	0.00	0.00	0.00	0.00						

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI	Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI

**Overall liquefaction potential: 5.36**

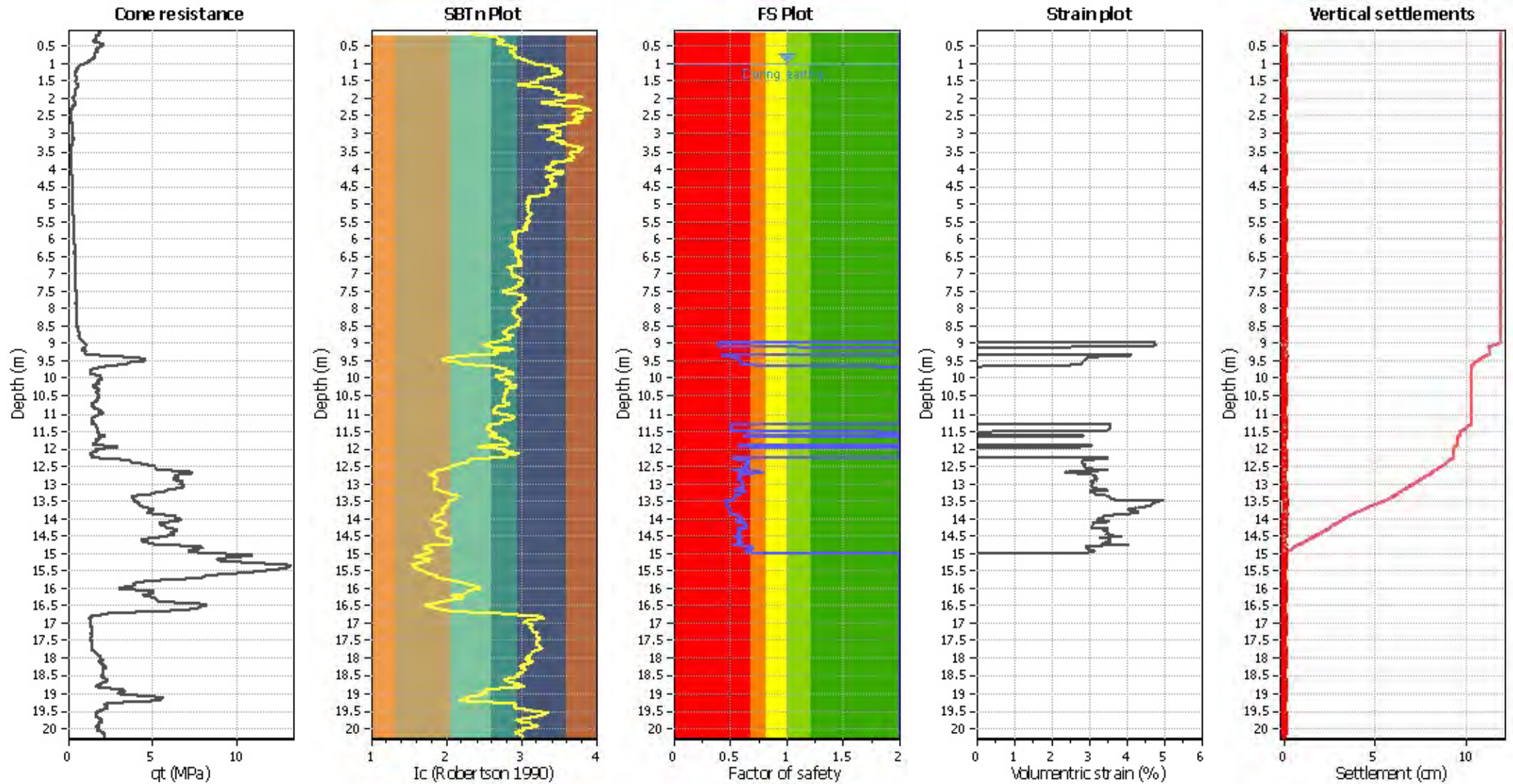
LPI = 0.00 - Liquefaction risk very low  
 LPI between 0.00 and 5.00 - Liquefaction risk low  
 LPI between 5.00 and 15.00 - Liquefaction risk high  
 LPI > 15.00 - Liquefaction risk very high

**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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	134.59	2.00	0.00	1.00	0.00	1.01	132.80	2.00	0.00	1.00	0.00
1.02	131.17	2.00	0.00	1.00	0.00	1.03	128.87	2.00	0.00	1.00	0.00
1.04	126.61	2.00	0.00	1.00	0.00	1.05	124.40	2.00	0.00	1.00	0.00
1.06	123.09	2.00	0.00	1.00	0.00	1.07	121.70	2.00	0.00	1.00	0.00
1.08	119.65	2.00	0.00	1.00	0.00	1.09	117.50	2.00	0.00	1.00	0.00
1.10	115.28	2.00	0.00	1.00	0.00	1.11	113.58	2.00	0.00	1.00	0.00
1.12	111.61	2.00	0.00	1.00	0.00	1.13	109.09	2.00	0.00	1.00	0.00
1.14	106.60	2.00	0.00	1.00	0.00	1.15	104.41	2.00	0.00	1.00	0.00
1.16	102.99	2.00	0.00	1.00	0.00	1.17	101.74	2.00	0.00	1.00	0.00
1.18	99.72	2.00	0.00	1.00	0.00	1.19	97.31	2.00	0.00	1.00	0.00
1.20	94.53	2.00	0.00	1.00	0.00	1.21	92.51	2.00	0.00	1.00	0.00
1.22	90.91	2.00	0.00	1.00	0.00	1.23	89.41	2.00	0.00	1.00	0.00
1.24	88.03	2.00	0.00	1.00	0.00	1.25	87.03	2.00	0.00	1.00	0.00
1.26	86.02	2.00	0.00	1.00	0.00	1.27	85.08	2.00	0.00	1.00	0.00
1.28	83.89	2.00	0.00	1.00	0.00	1.29	83.15	2.00	0.00	1.00	0.00
1.30	82.56	2.00	0.00	1.00	0.00	1.31	81.61	2.00	0.00	1.00	0.00
1.32	80.43	2.00	0.00	1.00	0.00	1.33	79.13	2.00	0.00	1.00	0.00
1.34	78.36	2.00	0.00	1.00	0.00	1.35	77.81	2.00	0.00	1.00	0.00
1.36	77.13	2.00	0.00	1.00	0.00	1.37	76.18	2.00	0.00	1.00	0.00
1.38	75.00	2.00	0.00	1.00	0.00	1.39	74.01	2.00	0.00	1.00	0.00
1.40	72.93	2.00	0.00	1.00	0.00	1.41	71.48	2.00	0.00	1.00	0.00
1.42	69.93	2.00	0.00	1.00	0.00	1.43	68.36	2.00	0.00	1.00	0.00
1.44	67.30	2.00	0.00	1.00	0.00	1.45	66.07	2.00	0.00	1.00	0.00
1.46	64.36	2.00	0.00	1.00	0.00	1.47	62.61	2.00	0.00	1.00	0.00
1.48	61.19	2.00	0.00	1.00	0.00	1.49	60.55	2.00	0.00	1.00	0.00
1.50	59.99	2.00	0.00	1.00	0.00	1.51	59.22	2.00	0.00	1.00	0.00
1.52	58.60	2.00	0.00	1.00	0.00	1.53	58.19	2.00	0.00	1.00	0.00
1.54	58.17	2.00	0.00	1.00	0.00	1.55	58.04	2.00	0.00	1.00	0.00
1.56	57.71	2.00	0.00	1.00	0.00	1.57	57.34	2.00	0.00	1.00	0.00
1.58	57.31	2.00	0.00	1.00	0.00	1.59	57.58	2.00	0.00	1.00	0.00
1.60	58.23	2.00	0.00	1.00	0.00	1.61	59.22	2.00	0.00	1.00	0.00
1.62	60.78	2.00	0.00	1.00	0.00	1.63	62.71	2.00	0.00	1.00	0.00
1.64	65.08	2.00	0.00	1.00	0.00	1.65	67.43	2.00	0.00	1.00	0.00
1.66	69.72	2.00	0.00	1.00	0.00	1.67	72.12	2.00	0.00	1.00	0.00
1.68	74.29	2.00	0.00	1.00	0.00	1.69	76.28	2.00	0.00	1.00	0.00
1.70	77.68	2.00	0.00	1.00	0.00	1.71	78.90	2.00	0.00	1.00	0.00
1.72	80.33	2.00	0.00	1.00	0.00	1.73	81.50	2.00	0.00	1.00	0.00
1.74	82.58	2.00	0.00	1.00	0.00	1.75	82.93	2.00	0.00	1.00	0.00
1.76	83.03	2.00	0.00	1.00	0.00	1.77	82.88	2.00	0.00	1.00	0.00
1.78	82.73	2.00	0.00	1.00	0.00	1.79	83.70	2.00	0.00	1.00	0.00
1.80	84.61	2.00	0.00	1.00	0.00	1.81	85.36	2.00	0.00	1.00	0.00
1.82	85.14	2.00	0.00	1.00	0.00	1.83	85.12	2.00	0.00	1.00	0.00
1.84	85.42	2.00	0.00	1.00	0.00	1.85	85.91	2.00	0.00	1.00	0.00
1.86	86.24	2.00	0.00	1.00	0.00	1.87	86.14	2.00	0.00	1.00	0.00
1.88	85.38	2.00	0.00	1.00	0.00	1.89	84.01	2.00	0.00	1.00	0.00
1.90	82.21	2.00	0.00	1.00	0.00	1.91	78.99	2.00	0.00	1.00	0.00
1.92	75.53	2.00	0.00	1.00	0.00	1.93	71.82	2.00	0.00	1.00	0.00
1.94	70.23	2.00	0.00	1.00	0.00	1.95	68.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	67.70	2.00	0.00	1.00	0.00	1.97	66.83	2.00	0.00	1.00	0.00
1.98	66.36	2.00	0.00	1.00	0.00	1.99	65.26	2.00	0.00	1.00	0.00
2.00	63.67	2.00	0.00	1.00	0.00	2.01	61.95	2.00	0.00	1.00	0.00
2.02	60.98	2.00	0.00	1.00	0.00	2.03	60.24	2.00	0.00	1.00	0.00
2.04	59.90	2.00	0.00	1.00	0.00	2.05	59.88	2.00	0.00	1.00	0.00
2.06	60.32	2.00	0.00	1.00	0.00	2.07	61.09	2.00	0.00	1.00	0.00
2.08	61.86	2.00	0.00	1.00	0.00	2.09	62.88	2.00	0.00	1.00	0.00
2.10	63.86	2.00	0.00	1.00	0.00	2.11	65.13	2.00	0.00	1.00	0.00
2.12	66.32	2.00	0.00	1.00	0.00	2.13	67.53	2.00	0.00	1.00	0.00
2.14	68.40	2.00	0.00	1.00	0.00	2.15	69.25	2.00	0.00	1.00	0.00
2.16	69.57	2.00	0.00	1.00	0.00	2.17	69.37	2.00	0.00	1.00	0.00
2.18	68.71	2.00	0.00	1.00	0.00	2.19	67.12	2.00	0.00	1.00	0.00
2.20	64.98	2.00	0.00	1.00	0.00	2.21	62.45	2.00	0.00	1.00	0.00
2.22	60.62	2.00	0.00	1.00	0.00	2.23	59.42	2.00	0.00	1.00	0.00
2.24	58.17	2.00	0.00	1.00	0.00	2.25	56.38	2.00	0.00	1.00	0.00
2.26	54.30	2.00	0.00	1.00	0.00	2.27	52.00	2.00	0.00	1.00	0.00
2.28	49.69	2.00	0.00	1.00	0.00	2.29	46.97	2.00	0.00	1.00	0.00
2.30	44.17	2.00	0.00	1.00	0.00	2.31	42.14	2.00	0.00	1.00	0.00
2.32	40.22	2.00	0.00	1.00	0.00	2.33	39.20	2.00	0.00	1.00	0.00
2.34	38.11	2.00	0.00	1.00	0.00	2.35	37.52	2.00	0.00	1.00	0.00
2.36	36.63	2.00	0.00	1.00	0.00	2.37	35.93	2.00	0.00	1.00	0.00
2.38	35.41	2.00	0.00	1.00	0.00	2.39	35.28	2.00	0.00	1.00	0.00
2.40	35.26	2.00	0.00	1.00	0.00	2.41	35.15	2.00	0.00	1.00	0.00
2.42	35.23	2.00	0.00	1.00	0.00	2.43	35.28	2.00	0.00	1.00	0.00
2.44	35.10	2.00	0.00	1.00	0.00	2.45	34.82	2.00	0.00	1.00	0.00
2.46	34.55	2.00	0.00	1.00	0.00	2.47	34.50	2.00	0.00	1.00	0.00
2.48	34.42	2.00	0.00	1.00	0.00	2.49	34.39	2.00	0.00	1.00	0.00
2.50	34.65	2.00	0.00	1.00	0.00	2.51	34.92	2.00	0.00	1.00	0.00
2.52	34.99	2.00	0.00	1.00	0.00	2.53	34.91	2.00	0.00	1.00	0.00
2.54	34.70	2.00	0.00	1.00	0.00	2.55	34.98	2.00	0.00	1.00	0.00
2.56	35.21	2.00	0.00	1.00	0.00	2.57	35.77	2.00	0.00	1.00	0.00
2.58	35.94	2.00	0.00	1.00	0.00	2.59	36.17	2.00	0.00	1.00	0.00
2.60	35.69	2.00	0.00	1.00	0.00	2.61	35.21	2.00	0.00	1.00	0.00
2.62	34.78	2.00	0.00	1.00	0.00	2.63	34.73	2.00	0.00	1.00	0.00
2.64	34.21	2.00	0.00	1.00	0.00	2.65	33.67	2.00	0.00	1.00	0.00
2.66	33.62	2.00	0.00	1.00	0.00	2.67	34.35	2.00	0.00	1.00	0.00
2.68	35.33	2.00	0.00	1.00	0.00	2.69	35.85	2.00	0.00	1.00	0.00
2.70	36.36	2.00	0.00	1.00	0.00	2.71	36.58	2.00	0.00	1.00	0.00
2.72	36.80	2.00	0.00	1.00	0.00	2.73	36.94	2.00	0.00	1.00	0.00
2.74	37.23	2.00	0.00	1.00	0.00	2.75	37.45	2.00	0.00	1.00	0.00
2.76	37.54	2.00	0.00	1.00	0.00	2.77	37.51	2.00	0.00	1.00	0.00
2.78	35.36	2.00	0.00	1.00	0.00	2.79	32.89	2.00	0.00	1.00	0.00
2.80	30.32	2.00	0.00	1.00	0.00	2.81	31.75	2.00	0.00	1.00	0.00
2.82	32.97	2.00	0.00	1.00	0.00	2.83	33.82	2.00	0.00	1.00	0.00
2.84	34.72	2.00	0.00	1.00	0.00	2.85	35.72	2.00	0.00	1.00	0.00
2.86	36.72	2.00	0.00	1.00	0.00	2.87	37.76	2.00	0.00	1.00	0.00
2.88	38.69	2.00	0.00	1.00	0.00	2.89	39.64	2.00	0.00	1.00	0.00
2.90	40.47	2.00	0.00	1.00	0.00	2.91	41.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.78	2.00	0.00	1.00	0.00	2.93	42.00	2.00	0.00	1.00	0.00
2.94	42.25	2.00	0.00	1.00	0.00	2.95	42.53	2.00	0.00	1.00	0.00
2.96	42.82	2.00	0.00	1.00	0.00	2.97	42.70	2.00	0.00	1.00	0.00
2.98	42.62	2.00	0.00	1.00	0.00	2.99	42.58	2.00	0.00	1.00	0.00
3.00	42.63	2.00	0.00	1.00	0.00	3.01	42.64	2.00	0.00	1.00	0.00
3.02	42.70	2.00	0.00	1.00	0.00	3.03	42.72	2.00	0.00	1.00	0.00
3.04	42.58	2.00	0.00	1.00	0.00	3.05	42.23	2.00	0.00	1.00	0.00
3.06	42.18	2.00	0.00	1.00	0.00	3.07	42.23	2.00	0.00	1.00	0.00
3.08	42.52	2.00	0.00	1.00	0.00	3.09	42.62	2.00	0.00	1.00	0.00
3.10	42.79	2.00	0.00	1.00	0.00	3.11	42.94	2.00	0.00	1.00	0.00
3.12	43.23	2.00	0.00	1.00	0.00	3.13	43.67	2.00	0.00	1.00	0.00
3.14	44.13	2.00	0.00	1.00	0.00	3.15	44.48	2.00	0.00	1.00	0.00
3.16	44.86	2.00	0.00	1.00	0.00	3.17	45.31	2.00	0.00	1.00	0.00
3.18	45.83	2.00	0.00	1.00	0.00	3.19	46.21	2.00	0.00	1.00	0.00
3.20	45.97	2.00	0.00	1.00	0.00	3.21	45.52	2.00	0.00	1.00	0.00
3.22	44.72	2.00	0.00	1.00	0.00	3.23	44.02	2.00	0.00	1.00	0.00
3.24	43.28	2.00	0.00	1.00	0.00	3.25	43.08	2.00	0.00	1.00	0.00
3.26	42.98	2.00	0.00	1.00	0.00	3.27	42.98	2.00	0.00	1.00	0.00
3.28	42.27	2.00	0.00	1.00	0.00	3.29	41.22	2.00	0.00	1.00	0.00
3.30	39.80	2.00	0.00	1.00	0.00	3.31	38.12	2.00	0.00	1.00	0.00
3.32	36.84	2.00	0.00	1.00	0.00	3.33	35.81	2.00	0.00	1.00	0.00
3.34	35.33	2.00	0.00	1.00	0.00	3.35	34.88	2.00	0.00	1.00	0.00
3.36	34.23	2.00	0.00	1.00	0.00	3.37	33.87	2.00	0.00	1.00	0.00
3.38	33.42	2.00	0.00	1.00	0.00	3.39	32.81	2.00	0.00	1.00	0.00
3.40	32.13	2.00	0.00	1.00	0.00	3.41	31.23	2.00	0.00	1.00	0.00
3.42	30.62	2.00	0.00	1.00	0.00	3.43	29.93	2.00	0.00	1.00	0.00
3.44	29.40	2.00	0.00	1.00	0.00	3.45	28.90	2.00	0.00	1.00	0.00
3.46	28.09	2.00	0.00	1.00	0.00	3.47	27.29	2.00	0.00	1.00	0.00
3.48	26.48	2.00	0.00	1.00	0.00	3.49	25.99	2.00	0.00	1.00	0.00
3.50	25.51	2.00	0.00	1.00	0.00	3.51	25.43	2.00	0.00	1.00	0.00
3.52	25.45	2.00	0.00	1.00	0.00	3.53	25.55	2.00	0.00	1.00	0.00
3.54	25.38	2.00	0.00	1.00	0.00	3.55	25.27	2.00	0.00	1.00	0.00
3.56	25.23	2.00	0.00	1.00	0.00	3.57	25.25	2.00	0.00	1.00	0.00
3.58	25.31	2.00	0.00	1.00	0.00	3.59	25.32	2.00	0.00	1.00	0.00
3.60	25.44	2.00	0.00	1.00	0.00	3.61	25.58	2.00	0.00	1.00	0.00
3.62	25.75	2.00	0.00	1.00	0.00	3.63	25.80	2.00	0.00	1.00	0.00
3.64	25.42	2.00	0.00	1.00	0.00	3.65	25.44	2.00	0.00	1.00	0.00
3.66	25.58	2.00	0.00	1.00	0.00	3.67	26.09	2.00	0.00	1.00	0.00
3.68	26.17	2.00	0.00	1.00	0.00	3.69	26.13	2.00	0.00	1.00	0.00
3.70	26.36	2.00	0.00	1.00	0.00	3.71	26.57	2.00	0.00	1.00	0.00
3.72	26.77	2.00	0.00	1.00	0.00	3.73	26.37	2.00	0.00	1.00	0.00
3.74	25.89	2.00	0.00	1.00	0.00	3.75	25.46	2.00	0.00	1.00	0.00
3.76	25.42	2.00	0.00	1.00	0.00	3.77	25.45	2.00	0.00	1.00	0.00
3.78	23.97	2.00	0.00	1.00	0.00	3.79	22.16	2.00	0.00	1.00	0.00
3.80	19.92	2.00	0.00	1.00	0.00	3.81	20.73	2.00	0.00	1.00	0.00
3.82	21.39	2.00	0.00	1.00	0.00	3.83	21.73	2.00	0.00	1.00	0.00
3.84	21.89	2.00	0.00	1.00	0.00	3.85	21.89	2.00	0.00	1.00	0.00
3.86	21.99	2.00	0.00	1.00	0.00	3.87	22.05	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	22.05	2.00	0.00	1.00	0.00	3.89	21.92	2.00	0.00	1.00	0.00
3.90	21.81	2.00	0.00	1.00	0.00	3.91	21.81	2.00	0.00	1.00	0.00
3.92	21.43	2.00	0.00	1.00	0.00	3.93	20.89	2.00	0.00	1.00	0.00
3.94	20.46	2.00	0.00	1.00	0.00	3.95	20.62	2.00	0.00	1.00	0.00
3.96	21.04	2.00	0.00	1.00	0.00	3.97	21.45	2.00	0.00	1.00	0.00
3.98	21.85	2.00	0.00	1.00	0.00	3.99	22.12	2.00	0.00	1.00	0.00
4.00	22.66	2.00	0.00	1.00	0.00	4.01	23.17	2.00	0.00	1.00	0.00
4.02	23.90	2.00	0.00	1.00	0.00	4.03	24.26	2.00	0.00	1.00	0.00
4.04	24.67	2.00	0.00	1.00	0.00	4.05	24.67	2.00	0.00	1.00	0.00
4.06	24.61	2.00	0.00	1.00	0.00	4.07	24.36	2.00	0.00	1.00	0.00
4.08	24.27	2.00	0.00	1.00	0.00	4.09	24.15	2.00	0.00	1.00	0.00
4.10	23.97	2.00	0.00	1.00	0.00	4.11	23.71	2.00	0.00	1.00	0.00
4.12	23.53	2.00	0.00	1.00	0.00	4.13	23.22	2.00	0.00	1.00	0.00
4.14	23.22	2.00	0.00	1.00	0.00	4.15	23.10	2.00	0.00	1.00	0.00
4.16	23.23	2.00	0.00	1.00	0.00	4.17	23.00	2.00	0.00	1.00	0.00
4.18	22.72	2.00	0.00	1.00	0.00	4.19	22.31	2.00	0.00	1.00	0.00
4.20	22.12	2.00	0.00	1.00	0.00	4.21	22.27	2.00	0.00	1.00	0.00
4.22	22.52	2.00	0.00	1.00	0.00	4.23	22.76	2.00	0.00	1.00	0.00
4.24	23.07	2.00	0.00	1.00	0.00	4.25	23.35	2.00	0.00	1.00	0.00
4.26	23.82	2.00	0.00	1.00	0.00	4.27	24.12	2.00	0.00	1.00	0.00
4.28	24.35	2.00	0.00	1.00	0.00	4.29	24.61	2.00	0.00	1.00	0.00
4.30	24.81	2.00	0.00	1.00	0.00	4.31	25.01	2.00	0.00	1.00	0.00
4.32	24.92	2.00	0.00	1.00	0.00	4.33	24.91	2.00	0.00	1.00	0.00
4.34	25.01	2.00	0.00	1.00	0.00	4.35	25.34	2.00	0.00	1.00	0.00
4.36	25.53	2.00	0.00	1.00	0.00	4.37	25.62	2.00	0.00	1.00	0.00
4.38	25.56	2.00	0.00	1.00	0.00	4.39	25.50	2.00	0.00	1.00	0.00
4.40	25.36	2.00	0.00	1.00	0.00	4.41	25.27	2.00	0.00	1.00	0.00
4.42	25.26	2.00	0.00	1.00	0.00	4.43	25.27	2.00	0.00	1.00	0.00
4.44	25.23	2.00	0.00	1.00	0.00	4.45	25.05	2.00	0.00	1.00	0.00
4.46	25.04	2.00	0.00	1.00	0.00	4.47	25.08	2.00	0.00	1.00	0.00
4.48	25.16	2.00	0.00	1.00	0.00	4.49	25.03	2.00	0.00	1.00	0.00
4.50	24.80	2.00	0.00	1.00	0.00	4.51	24.38	2.00	0.00	1.00	0.00
4.52	23.91	2.00	0.00	1.00	0.00	4.53	23.39	2.00	0.00	1.00	0.00
4.54	22.92	2.00	0.00	1.00	0.00	4.55	22.73	2.00	0.00	1.00	0.00
4.56	22.65	2.00	0.00	1.00	0.00	4.57	22.70	2.00	0.00	1.00	0.00
4.58	22.83	2.00	0.00	1.00	0.00	4.59	23.00	2.00	0.00	1.00	0.00
4.60	23.54	2.00	0.00	1.00	0.00	4.61	23.95	2.00	0.00	1.00	0.00
4.62	24.25	2.00	0.00	1.00	0.00	4.63	24.20	2.00	0.00	1.00	0.00
4.64	24.31	2.00	0.00	1.00	0.00	4.65	24.52	2.00	0.00	1.00	0.00
4.66	24.79	2.00	0.00	1.00	0.00	4.67	25.18	2.00	0.00	1.00	0.00
4.68	25.52	2.00	0.00	1.00	0.00	4.69	25.64	2.00	0.00	1.00	0.00
4.70	25.30	2.00	0.00	1.00	0.00	4.71	24.86	2.00	0.00	1.00	0.00
4.72	24.44	2.00	0.00	1.00	0.00	4.73	24.23	2.00	0.00	1.00	0.00
4.74	24.06	2.00	0.00	1.00	0.00	4.75	24.00	2.00	0.00	1.00	0.00
4.76	23.95	2.00	0.00	1.00	0.00	4.77	23.94	2.00	0.00	1.00	0.00
4.78	22.74	2.00	0.00	1.00	0.00	4.79	21.12	2.00	0.00	1.00	0.00
4.80	19.19	2.00	0.00	1.00	0.00	4.81	19.26	2.00	0.00	1.00	0.00
4.82	19.45	2.00	0.00	1.00	0.00	4.83	19.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	19.58	2.00	0.00	1.00	0.00	4.85	19.66	2.00	0.00	1.00	0.00
4.86	19.76	2.00	0.00	1.00	0.00	4.87	19.86	2.00	0.00	1.00	0.00
4.88	20.14	2.00	0.00	1.00	0.00	4.89	20.40	2.00	0.00	1.00	0.00
4.90	20.66	2.00	0.00	1.00	0.00	4.91	20.66	2.00	0.00	1.00	0.00
4.92	20.39	2.00	0.00	1.00	0.00	4.93	20.23	2.00	0.00	1.00	0.00
4.94	20.12	2.00	0.00	1.00	0.00	4.95	20.39	2.00	0.00	1.00	0.00
4.96	20.47	2.00	0.00	1.00	0.00	4.97	20.39	2.00	0.00	1.00	0.00
4.98	20.29	2.00	0.00	1.00	0.00	4.99	20.39	2.00	0.00	1.00	0.00
5.00	20.64	2.00	0.00	1.00	0.00	5.01	21.00	2.00	0.00	1.00	0.00
5.02	21.15	2.00	0.00	1.00	0.00	5.03	21.23	2.00	0.00	1.00	0.00
5.04	21.13	2.00	0.00	1.00	0.00	5.05	21.05	2.00	0.00	1.00	0.00
5.06	20.97	2.00	0.00	1.00	0.00	5.07	21.06	2.00	0.00	1.00	0.00
5.08	21.22	2.00	0.00	1.00	0.00	5.09	21.47	2.00	0.00	1.00	0.00
5.10	21.72	2.00	0.00	1.00	0.00	5.11	22.05	2.00	0.00	1.00	0.00
5.12	22.19	2.00	0.00	1.00	0.00	5.13	22.20	2.00	0.00	1.00	0.00
5.14	22.34	2.00	0.00	1.00	0.00	5.15	22.57	2.00	0.00	1.00	0.00
5.16	22.87	2.00	0.00	1.00	0.00	5.17	22.93	2.00	0.00	1.00	0.00
5.18	23.16	2.00	0.00	1.00	0.00	5.19	23.37	2.00	0.00	1.00	0.00
5.20	23.59	2.00	0.00	1.00	0.00	5.21	23.71	2.00	0.00	1.00	0.00
5.22	23.78	2.00	0.00	1.00	0.00	5.23	23.84	2.00	0.00	1.00	0.00
5.24	23.92	2.00	0.00	1.00	0.00	5.25	24.00	2.00	0.00	1.00	0.00
5.26	24.46	2.00	0.00	1.00	0.00	5.27	24.90	2.00	0.00	1.00	0.00
5.28	25.25	2.00	0.00	1.00	0.00	5.29	25.08	2.00	0.00	1.00	0.00
5.30	24.76	2.00	0.00	1.00	0.00	5.31	24.58	2.00	0.00	1.00	0.00
5.32	24.64	2.00	0.00	1.00	0.00	5.33	24.84	2.00	0.00	1.00	0.00
5.34	24.91	2.00	0.00	1.00	0.00	5.35	24.92	2.00	0.00	1.00	0.00
5.36	24.86	2.00	0.00	1.00	0.00	5.37	24.97	2.00	0.00	1.00	0.00
5.38	24.97	2.00	0.00	1.00	0.00	5.39	24.89	2.00	0.00	1.00	0.00
5.40	24.58	2.00	0.00	1.00	0.00	5.41	24.30	2.00	0.00	1.00	0.00
5.42	23.97	2.00	0.00	1.00	0.00	5.43	23.67	2.00	0.00	1.00	0.00
5.44	23.76	2.00	0.00	1.00	0.00	5.45	23.96	2.00	0.00	1.00	0.00
5.46	24.37	2.00	0.00	1.00	0.00	5.47	24.57	2.00	0.00	1.00	0.00
5.48	24.88	2.00	0.00	1.00	0.00	5.49	25.07	2.00	0.00	1.00	0.00
5.50	25.24	2.00	0.00	1.00	0.00	5.51	25.30	2.00	0.00	1.00	0.00
5.52	25.36	2.00	0.00	1.00	0.00	5.53	25.48	2.00	0.00	1.00	0.00
5.54	25.67	2.00	0.00	1.00	0.00	5.55	25.85	2.00	0.00	1.00	0.00
5.56	25.92	2.00	0.00	1.00	0.00	5.57	25.92	2.00	0.00	1.00	0.00
5.58	25.98	2.00	0.00	1.00	0.00	5.59	25.98	2.00	0.00	1.00	0.00
5.60	26.03	2.00	0.00	1.00	0.00	5.61	26.16	2.00	0.00	1.00	0.00
5.62	26.26	2.00	0.00	1.00	0.00	5.63	26.21	2.00	0.00	1.00	0.00
5.64	25.90	2.00	0.00	1.00	0.00	5.65	25.71	2.00	0.00	1.00	0.00
5.66	25.58	2.00	0.00	1.00	0.00	5.67	25.51	2.00	0.00	1.00	0.00
5.68	25.39	2.00	0.00	1.00	0.00	5.69	25.58	2.00	0.00	1.00	0.00
5.70	25.77	2.00	0.00	1.00	0.00	5.71	25.96	2.00	0.00	1.00	0.00
5.72	26.14	2.00	0.00	1.00	0.00	5.73	26.43	2.00	0.00	1.00	0.00
5.74	26.70	2.00	0.00	1.00	0.00	5.75	26.75	2.00	0.00	1.00	0.00
5.76	26.75	2.00	0.00	1.00	0.00	5.77	25.06	2.00	0.00	1.00	0.00
5.78	23.08	2.00	0.00	1.00	0.00	5.79	21.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.40	2.00	0.00	1.00	0.00	5.81	21.43	2.00	0.00	1.00	0.00
5.82	21.47	2.00	0.00	1.00	0.00	5.83	21.57	2.00	0.00	1.00	0.00
5.84	21.66	2.00	0.00	1.00	0.00	5.85	21.71	2.00	0.00	1.00	0.00
5.86	21.83	2.00	0.00	1.00	0.00	5.87	22.04	2.00	0.00	1.00	0.00
5.88	22.32	2.00	0.00	1.00	0.00	5.89	22.45	2.00	0.00	1.00	0.00
5.90	22.60	2.00	0.00	1.00	0.00	5.91	22.69	2.00	0.00	1.00	0.00
5.92	22.78	2.00	0.00	1.00	0.00	5.93	22.69	2.00	0.00	1.00	0.00
5.94	22.65	2.00	0.00	1.00	0.00	5.95	22.61	2.00	0.00	1.00	0.00
5.96	22.75	2.00	0.00	1.00	0.00	5.97	22.90	2.00	0.00	1.00	0.00
5.98	23.06	2.00	0.00	1.00	0.00	5.99	23.12	2.00	0.00	1.00	0.00
6.00	23.19	2.00	0.00	1.00	0.00	6.01	23.25	2.00	0.00	1.00	0.00
6.02	23.40	2.00	0.00	1.00	0.00	6.03	23.49	2.00	0.00	1.00	0.00
6.04	23.58	2.00	0.00	1.00	0.00	6.05	23.58	2.00	0.00	1.00	0.00
6.06	23.58	2.00	0.00	1.00	0.00	6.07	23.64	2.00	0.00	1.00	0.00
6.08	23.84	2.00	0.00	1.00	0.00	6.09	24.03	2.00	0.00	1.00	0.00
6.10	24.09	2.00	0.00	1.00	0.00	6.11	23.96	2.00	0.00	1.00	0.00
6.12	23.84	2.00	0.00	1.00	0.00	6.13	23.62	2.00	0.00	1.00	0.00
6.14	23.51	2.00	0.00	1.00	0.00	6.15	23.55	2.00	0.00	1.00	0.00
6.16	23.72	2.00	0.00	1.00	0.00	6.17	23.77	2.00	0.00	1.00	0.00
6.18	23.66	2.00	0.00	1.00	0.00	6.19	23.48	2.00	0.00	1.00	0.00
6.20	23.46	2.00	0.00	1.00	0.00	6.21	23.37	2.00	0.00	1.00	0.00
6.22	23.50	2.00	0.00	1.00	0.00	6.23	23.77	2.00	0.00	1.00	0.00
6.24	24.17	2.00	0.00	1.00	0.00	6.25	24.52	2.00	0.00	1.00	0.00
6.26	24.98	2.00	0.00	1.00	0.00	6.27	25.46	2.00	0.00	1.00	0.00
6.28	25.85	2.00	0.00	1.00	0.00	6.29	26.09	2.00	0.00	1.00	0.00
6.30	26.26	2.00	0.00	1.00	0.00	6.31	26.37	2.00	0.00	1.00	0.00
6.32	26.28	2.00	0.00	1.00	0.00	6.33	26.25	2.00	0.00	1.00	0.00
6.34	26.53	2.00	0.00	1.00	0.00	6.35	26.86	2.00	0.00	1.00	0.00
6.36	27.17	2.00	0.00	1.00	0.00	6.37	27.36	2.00	0.00	1.00	0.00
6.38	27.53	2.00	0.00	1.00	0.00	6.39	27.60	2.00	0.00	1.00	0.00
6.40	27.43	2.00	0.00	1.00	0.00	6.41	27.24	2.00	0.00	1.00	0.00
6.42	26.98	2.00	0.00	1.00	0.00	6.43	26.47	2.00	0.00	1.00	0.00
6.44	26.13	2.00	0.00	1.00	0.00	6.45	25.97	2.00	0.00	1.00	0.00
6.46	26.51	2.00	0.00	1.00	0.00	6.47	26.92	2.00	0.00	1.00	0.00
6.48	27.40	2.00	0.00	1.00	0.00	6.49	27.57	2.00	0.00	1.00	0.00
6.50	27.74	2.00	0.00	1.00	0.00	6.51	27.84	2.00	0.00	1.00	0.00
6.52	27.84	2.00	0.00	1.00	0.00	6.53	27.76	2.00	0.00	1.00	0.00
6.54	27.68	2.00	0.00	1.00	0.00	6.55	27.78	2.00	0.00	1.00	0.00
6.56	28.08	2.00	0.00	1.00	0.00	6.57	28.32	2.00	0.00	1.00	0.00
6.58	28.48	2.00	0.00	1.00	0.00	6.59	28.43	2.00	0.00	1.00	0.00
6.60	28.38	2.00	0.00	1.00	0.00	6.61	28.38	2.00	0.00	1.00	0.00
6.62	28.54	2.00	0.00	1.00	0.00	6.63	28.78	2.00	0.00	1.00	0.00
6.64	28.97	2.00	0.00	1.00	0.00	6.65	29.00	2.00	0.00	1.00	0.00
6.66	28.95	2.00	0.00	1.00	0.00	6.67	28.84	2.00	0.00	1.00	0.00
6.68	28.84	2.00	0.00	1.00	0.00	6.69	29.04	2.00	0.00	1.00	0.00
6.70	29.55	2.00	0.00	1.00	0.00	6.71	30.14	2.00	0.00	1.00	0.00
6.72	30.58	2.00	0.00	1.00	0.00	6.73	31.03	2.00	0.00	1.00	0.00
6.74	31.29	2.00	0.00	1.00	0.00	6.75	31.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	31.46	2.00	0.00	1.00	0.00	6.77	29.28	2.00	0.00	1.00	0.00
6.78	27.18	2.00	0.00	1.00	0.00	6.79	24.95	2.00	0.00	1.00	0.00
6.80	25.72	2.00	0.00	1.00	0.00	6.81	26.40	2.00	0.00	1.00	0.00
6.82	26.93	2.00	0.00	1.00	0.00	6.83	27.34	2.00	0.00	1.00	0.00
6.84	27.46	2.00	0.00	1.00	0.00	6.85	27.58	2.00	0.00	1.00	0.00
6.86	27.46	2.00	0.00	1.00	0.00	6.87	27.28	2.00	0.00	1.00	0.00
6.88	27.16	2.00	0.00	1.00	0.00	6.89	27.33	2.00	0.00	1.00	0.00
6.90	27.51	2.00	0.00	1.00	0.00	6.91	27.63	2.00	0.00	1.00	0.00
6.92	27.63	2.00	0.00	1.00	0.00	6.93	27.63	2.00	0.00	1.00	0.00
6.94	27.62	2.00	0.00	1.00	0.00	6.95	27.57	2.00	0.00	1.00	0.00
6.96	27.57	2.00	0.00	1.00	0.00	6.97	27.62	2.00	0.00	1.00	0.00
6.98	27.80	2.00	0.00	1.00	0.00	6.99	27.96	2.00	0.00	1.00	0.00
7.00	28.13	2.00	0.00	1.00	0.00	7.01	28.40	2.00	0.00	1.00	0.00
7.02	28.72	2.00	0.00	1.00	0.00	7.03	29.20	2.00	0.00	1.00	0.00
7.04	29.56	2.00	0.00	1.00	0.00	7.05	29.76	2.00	0.00	1.00	0.00
7.06	29.61	2.00	0.00	1.00	0.00	7.07	29.38	2.00	0.00	1.00	0.00
7.08	29.24	2.00	0.00	1.00	0.00	7.09	29.99	2.00	0.00	1.00	0.00
7.10	30.67	2.00	0.00	1.00	0.00	7.11	31.46	2.00	0.00	1.00	0.00
7.12	32.04	2.00	0.00	1.00	0.00	7.13	32.77	2.00	0.00	1.00	0.00
7.14	33.28	2.00	0.00	1.00	0.00	7.15	33.43	2.00	0.00	1.00	0.00
7.16	33.40	2.00	0.00	1.00	0.00	7.17	33.24	2.00	0.00	1.00	0.00
7.18	33.02	2.00	0.00	1.00	0.00	7.19	32.92	2.00	0.00	1.00	0.00
7.20	33.12	2.00	0.00	1.00	0.00	7.21	33.44	2.00	0.00	1.00	0.00
7.22	33.65	2.00	0.00	1.00	0.00	7.23	33.35	2.00	0.00	1.00	0.00
7.24	32.79	2.00	0.00	1.00	0.00	7.25	32.03	2.00	0.00	1.00	0.00
7.26	31.62	2.00	0.00	1.00	0.00	7.27	31.27	2.00	0.00	1.00	0.00
7.28	31.11	2.00	0.00	1.00	0.00	7.29	31.12	2.00	0.00	1.00	0.00
7.30	31.23	2.00	0.00	1.00	0.00	7.31	31.20	2.00	0.00	1.00	0.00
7.32	30.99	2.00	0.00	1.00	0.00	7.33	30.69	2.00	0.00	1.00	0.00
7.34	30.34	2.00	0.00	1.00	0.00	7.35	30.06	2.00	0.00	1.00	0.00
7.36	29.98	2.00	0.00	1.00	0.00	7.37	30.15	2.00	0.00	1.00	0.00
7.38	30.25	2.00	0.00	1.00	0.00	7.39	29.95	2.00	0.00	1.00	0.00
7.40	29.62	2.00	0.00	1.00	0.00	7.41	29.02	2.00	0.00	1.00	0.00
7.42	28.60	2.00	0.00	1.00	0.00	7.43	27.84	2.00	0.00	1.00	0.00
7.44	27.23	2.00	0.00	1.00	0.00	7.45	26.58	2.00	0.00	1.00	0.00
7.46	26.13	2.00	0.00	1.00	0.00	7.47	25.95	2.00	0.00	1.00	0.00
7.48	25.97	2.00	0.00	1.00	0.00	7.49	26.37	2.00	0.00	1.00	0.00
7.50	27.10	2.00	0.00	1.00	0.00	7.51	27.90	2.00	0.00	1.00	0.00
7.52	28.54	2.00	0.00	1.00	0.00	7.53	29.18	2.00	0.00	1.00	0.00
7.54	29.63	2.00	0.00	1.00	0.00	7.55	30.80	2.00	0.00	1.00	0.00
7.56	32.01	2.00	0.00	1.00	0.00	7.57	33.62	2.00	0.00	1.00	0.00
7.58	35.24	2.00	0.00	1.00	0.00	7.59	36.67	2.00	0.00	1.00	0.00
7.60	37.92	2.00	0.00	1.00	0.00	7.61	38.75	2.00	0.00	1.00	0.00
7.62	39.43	2.00	0.00	1.00	0.00	7.63	39.89	2.00	0.00	1.00	0.00
7.64	40.04	2.00	0.00	1.00	0.00	7.65	40.05	2.00	0.00	1.00	0.00
7.66	40.19	2.00	0.00	1.00	0.00	7.67	40.48	2.00	0.00	1.00	0.00
7.68	40.85	2.00	0.00	1.00	0.00	7.69	40.92	2.00	0.00	1.00	0.00
7.70	40.73	2.00	0.00	1.00	0.00	7.71	40.26	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	39.77	2.00	0.00	1.00	0.00	7.73	39.51	2.00	0.00	1.00	0.00
7.74	39.52	2.00	0.00	1.00	0.00	7.75	39.65	2.00	0.00	1.00	0.00
7.76	39.72	2.00	0.00	1.00	0.00	7.77	38.37	2.00	0.00	1.00	0.00
7.78	37.11	2.00	0.00	1.00	0.00	7.79	35.90	2.00	0.00	1.00	0.00
7.80	36.29	2.00	0.00	1.00	0.00	7.81	36.41	2.00	0.00	1.00	0.00
7.82	36.39	2.00	0.00	1.00	0.00	7.83	36.37	2.00	0.00	1.00	0.00
7.84	36.28	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	35.72	2.00	0.00	1.00	0.00	7.87	35.30	2.00	0.00	1.00	0.00
7.88	34.88	2.00	0.00	1.00	0.00	7.89	34.62	2.00	0.00	1.00	0.00
7.90	34.36	2.00	0.00	1.00	0.00	7.91	34.09	2.00	0.00	1.00	0.00
7.92	33.68	2.00	0.00	1.00	0.00	7.93	33.35	2.00	0.00	1.00	0.00
7.94	33.15	2.00	0.00	1.00	0.00	7.95	33.12	2.00	0.00	1.00	0.00
7.96	33.14	2.00	0.00	1.00	0.00	7.97	33.10	2.00	0.00	1.00	0.00
7.98	33.07	2.00	0.00	1.00	0.00	7.99	32.99	2.00	0.00	1.00	0.00
8.00	33.00	2.00	0.00	1.00	0.00	8.01	33.26	2.00	0.00	1.00	0.00
8.02	33.74	2.00	0.00	1.00	0.00	8.03	34.29	2.00	0.00	1.00	0.00
8.04	34.67	2.00	0.00	1.00	0.00	8.05	34.90	2.00	0.00	1.00	0.00
8.06	35.07	2.00	0.00	1.00	0.00	8.07	35.19	2.00	0.00	1.00	0.00
8.08	35.39	2.00	0.00	1.00	0.00	8.09	35.59	2.00	0.00	1.00	0.00
8.10	35.87	2.00	0.00	1.00	0.00	8.11	36.11	2.00	0.00	1.00	0.00
8.12	36.57	2.00	0.00	1.00	0.00	8.13	36.94	2.00	0.00	1.00	0.00
8.14	37.26	2.00	0.00	1.00	0.00	8.15	37.18	2.00	0.00	1.00	0.00
8.16	37.03	2.00	0.00	1.00	0.00	8.17	36.88	2.00	0.00	1.00	0.00
8.18	37.03	2.00	0.00	1.00	0.00	8.19	37.36	2.00	0.00	1.00	0.00
8.20	37.76	2.00	0.00	1.00	0.00	8.21	38.00	2.00	0.00	1.00	0.00
8.22	38.19	2.00	0.00	1.00	0.00	8.23	38.45	2.00	0.00	1.00	0.00
8.24	38.75	2.00	0.00	1.00	0.00	8.25	38.99	2.00	0.00	1.00	0.00
8.26	39.12	2.00	0.00	1.00	0.00	8.27	39.20	2.00	0.00	1.00	0.00
8.28	39.39	2.00	0.00	1.00	0.00	8.29	39.72	2.00	0.00	1.00	0.00
8.30	40.05	2.00	0.00	1.00	0.00	8.31	40.22	2.00	0.00	1.00	0.00
8.32	39.93	2.00	0.00	1.00	0.00	8.33	39.47	2.00	0.00	1.00	0.00
8.34	38.94	2.00	0.00	1.00	0.00	8.35	38.60	2.00	0.00	1.00	0.00
8.36	38.40	2.00	0.00	1.00	0.00	8.37	38.29	2.00	0.00	1.00	0.00
8.38	38.20	2.00	0.00	1.00	0.00	8.39	38.10	2.00	0.00	1.00	0.00
8.40	38.04	2.00	0.00	1.00	0.00	8.41	38.04	2.00	0.00	1.00	0.00
8.42	38.07	2.00	0.00	1.00	0.00	8.43	38.06	2.00	0.00	1.00	0.00
8.44	38.06	2.00	0.00	1.00	0.00	8.45	38.09	2.00	0.00	1.00	0.00
8.46	38.10	2.00	0.00	1.00	0.00	8.47	38.06	2.00	0.00	1.00	0.00
8.48	38.03	2.00	0.00	1.00	0.00	8.49	38.05	2.00	0.00	1.00	0.00
8.50	38.01	2.00	0.00	1.00	0.00	8.51	37.73	2.00	0.00	1.00	0.00
8.52	37.45	2.00	0.00	1.00	0.00	8.53	37.09	2.00	0.00	1.00	0.00
8.54	36.73	2.00	0.00	1.00	0.00	8.55	36.37	2.00	0.00	1.00	0.00
8.56	36.25	2.00	0.00	1.00	0.00	8.57	36.30	2.00	0.00	1.00	0.00
8.58	36.07	2.00	0.00	1.00	0.00	8.59	35.73	2.00	0.00	1.00	0.00
8.60	35.34	2.00	0.00	1.00	0.00	8.61	35.46	2.00	0.00	1.00	0.00
8.62	35.69	2.00	0.00	1.00	0.00	8.63	35.98	2.00	0.00	1.00	0.00
8.64	36.11	2.00	0.00	1.00	0.00	8.65	36.61	2.00	0.00	1.00	0.00
8.66	37.21	2.00	0.00	1.00	0.00	8.67	37.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	38.38	2.00	0.00	1.00	0.00	8.69	38.86	2.00	0.00	1.00	0.00
8.70	39.30	2.00	0.00	1.00	0.00	8.71	39.86	2.00	0.00	1.00	0.00
8.72	40.51	2.00	0.00	1.00	0.00	8.73	41.42	2.00	0.00	1.00	0.00
8.74	42.61	2.00	0.00	1.00	0.00	8.75	43.52	2.00	0.00	1.00	0.00
8.76	44.08	2.00	0.00	1.00	0.00	8.77	42.51	2.00	0.00	1.00	0.00
8.78	41.25	2.00	0.00	1.00	0.00	8.79	40.63	2.00	0.00	1.00	0.00
8.80	42.60	2.00	0.00	1.00	0.00	8.81	44.72	2.00	0.00	1.00	0.00
8.82	46.40	2.00	0.00	1.00	0.00	8.83	47.30	2.00	0.00	1.00	0.00
8.84	47.57	2.00	0.00	1.00	0.00	8.85	47.46	2.00	0.00	1.00	0.00
8.86	47.20	2.00	0.00	1.00	0.00	8.87	46.81	2.00	0.00	1.00	0.00
8.88	46.45	2.00	0.00	1.00	0.00	8.89	46.17	2.00	0.00	1.00	0.00
8.90	46.05	2.00	0.00	1.00	0.00	8.91	45.99	2.00	0.00	1.00	0.00
8.92	45.78	2.00	0.00	1.00	0.00	8.93	45.45	2.00	0.00	1.00	0.00
8.94	44.81	2.00	0.00	1.00	0.00	8.95	43.68	2.00	0.00	1.00	0.00
8.96	42.62	0.40	4.70	1.00	0.05	8.97	42.03	0.39	4.76	1.00	0.05
8.98	42.16	0.40	4.74	1.00	0.05	8.99	42.16	0.40	4.74	1.00	0.05
9.00	42.03	0.39	4.76	1.00	0.05	9.01	41.85	0.39	4.77	1.00	0.05
9.02	41.75	0.39	4.78	1.00	0.05	9.03	41.65	0.39	4.79	1.00	0.05
9.04	41.68	0.39	4.79	1.00	0.05	9.05	42.38	0.40	4.72	1.00	0.05
9.06	43.16	0.40	4.65	1.00	0.05	9.07	43.94	0.40	4.59	1.00	0.05
9.08	44.45	0.40	4.54	1.00	0.05	9.09	45.38	0.41	4.47	1.00	0.04
9.10	47.53	2.00	0.00	1.00	0.00	9.11	49.91	2.00	0.00	1.00	0.00
9.12	52.13	2.00	0.00	1.00	0.00	9.13	53.49	2.00	0.00	1.00	0.00
9.14	54.27	2.00	0.00	1.00	0.00	9.15	54.51	2.00	0.00	1.00	0.00
9.16	54.38	2.00	0.00	1.00	0.00	9.17	54.46	2.00	0.00	1.00	0.00
9.18	54.79	2.00	0.00	1.00	0.00	9.19	54.07	2.00	0.00	1.00	0.00
9.20	52.22	2.00	0.00	1.00	0.00	9.21	49.58	2.00	0.00	1.00	0.00
9.22	48.29	2.00	0.00	1.00	0.00	9.23	48.35	2.00	0.00	1.00	0.00
9.24	49.81	2.00	0.00	1.00	0.00	9.25	51.06	2.00	0.00	1.00	0.00
9.26	51.92	2.00	0.00	1.00	0.00	9.27	51.81	2.00	0.00	1.00	0.00
9.28	51.34	2.00	0.00	1.00	0.00	9.29	50.57	2.00	0.00	1.00	0.00
9.30	49.91	2.00	0.00	1.00	0.00	9.31	49.71	0.43	4.14	1.00	0.04
9.32	49.67	0.43	4.15	1.00	0.04	9.33	49.73	0.43	4.14	1.00	0.04
9.34	50.26	0.43	4.11	1.00	0.04	9.35	52.31	0.43	3.98	1.00	0.04
9.36	55.68	0.45	3.78	1.00	0.04	9.37	60.41	0.47	3.53	1.00	0.04
9.38	66.40	0.50	3.27	1.00	0.03	9.39	71.25	0.53	3.09	1.00	0.03
9.40	74.68	0.55	2.97	1.00	0.03	9.41	75.74	0.56	2.93	1.00	0.03
9.42	75.73	0.56	2.93	1.00	0.03	9.43	75.39	0.56	2.95	1.00	0.03
9.44	75.25	0.56	2.95	1.00	0.03	9.45	75.80	0.56	2.93	1.00	0.03
9.46	76.93	0.57	2.90	1.00	0.03	9.47	78.01	0.58	2.86	1.00	0.03
9.48	78.78	0.59	2.84	1.00	0.03	9.49	78.94	0.59	2.84	1.00	0.03
9.50	78.85	0.59	2.84	1.00	0.03	9.51	78.66	0.59	2.85	1.00	0.03
9.52	78.56	0.59	2.85	1.00	0.03	9.53	78.76	0.59	2.84	1.00	0.03
9.54	79.51	0.59	2.82	1.00	0.03	9.55	80.56	0.60	2.79	1.00	0.03
9.56	82.15	0.62	2.75	1.00	0.03	9.57	85.38	0.65	2.66	1.00	0.03
9.58	89.31	0.69	2.56	1.00	0.03	9.59	93.76	0.73	2.46	1.00	0.02
9.60	98.44	0.79	2.08	1.00	0.02	9.61	103.41	0.86	1.49	1.00	0.01
9.62	107.98	0.92	1.40	1.00	0.01	9.63	109.86	0.95	0.81	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	109.73	2.00	0.00	1.00	0.00	9.65	108.79	2.00	0.00	1.00	0.00
9.66	107.71	2.00	0.00	1.00	0.00	9.67	106.75	2.00	0.00	1.00	0.00
9.68	105.19	2.00	0.00	1.00	0.00	9.69	102.97	2.00	0.00	1.00	0.00
9.70	100.68	2.00	0.00	1.00	0.00	9.71	98.24	2.00	0.00	1.00	0.00
9.72	95.96	2.00	0.00	1.00	0.00	9.73	92.52	2.00	0.00	1.00	0.00
9.74	89.18	2.00	0.00	1.00	0.00	9.75	86.68	2.00	0.00	1.00	0.00
9.76	85.99	2.00	0.00	1.00	0.00	9.77	90.51	2.00	0.00	1.00	0.00
9.78	94.66	2.00	0.00	1.00	0.00	9.79	98.65	2.00	0.00	1.00	0.00
9.80	98.55	2.00	0.00	1.00	0.00	9.81	98.90	2.00	0.00	1.00	0.00
9.82	99.79	2.00	0.00	1.00	0.00	9.83	100.53	2.00	0.00	1.00	0.00
9.84	101.10	2.00	0.00	1.00	0.00	9.85	101.34	2.00	0.00	1.00	0.00
9.86	100.93	2.00	0.00	1.00	0.00	9.87	100.07	2.00	0.00	1.00	0.00
9.88	99.21	2.00	0.00	1.00	0.00	9.89	99.24	2.00	0.00	1.00	0.00
9.90	99.30	2.00	0.00	1.00	0.00	9.91	99.16	2.00	0.00	1.00	0.00
9.92	98.77	2.00	0.00	1.00	0.00	9.93	99.54	2.00	0.00	1.00	0.00
9.94	101.30	2.00	0.00	1.00	0.00	9.95	103.68	2.00	0.00	1.00	0.00
9.96	105.44	2.00	0.00	1.00	0.00	9.97	106.53	2.00	0.00	1.00	0.00
9.98	107.46	2.00	0.00	1.00	0.00	9.99	108.52	2.00	0.00	1.00	0.00
10.00	110.43	2.00	0.00	1.00	0.00	10.01	112.55	2.00	0.00	1.00	0.00
10.02	115.10	2.00	0.00	1.00	0.00	10.03	117.14	2.00	0.00	1.00	0.00
10.04	119.35	2.00	0.00	1.00	0.00	10.05	121.08	2.00	0.00	1.00	0.00
10.06	122.02	2.00	0.00	1.00	0.00	10.07	122.21	2.00	0.00	1.00	0.00
10.08	122.96	2.00	0.00	1.00	0.00	10.09	124.21	2.00	0.00	1.00	0.00
10.10	125.17	2.00	0.00	1.00	0.00	10.11	123.98	2.00	0.00	1.00	0.00
10.12	121.88	2.00	0.00	1.00	0.00	10.13	119.51	2.00	0.00	1.00	0.00
10.14	117.99	2.00	0.00	1.00	0.00	10.15	116.79	2.00	0.00	1.00	0.00
10.16	116.54	2.00	0.00	1.00	0.00	10.17	117.38	2.00	0.00	1.00	0.00
10.18	119.07	2.00	0.00	1.00	0.00	10.19	120.83	2.00	0.00	1.00	0.00
10.20	121.69	2.00	0.00	1.00	0.00	10.21	120.38	2.00	0.00	1.00	0.00
10.22	117.54	2.00	0.00	1.00	0.00	10.23	115.00	2.00	0.00	1.00	0.00
10.24	114.49	2.00	0.00	1.00	0.00	10.25	116.96	2.00	0.00	1.00	0.00
10.26	120.87	2.00	0.00	1.00	0.00	10.27	123.15	2.00	0.00	1.00	0.00
10.28	122.61	2.00	0.00	1.00	0.00	10.29	119.70	2.00	0.00	1.00	0.00
10.30	117.58	2.00	0.00	1.00	0.00	10.31	116.13	2.00	0.00	1.00	0.00
10.32	114.89	2.00	0.00	1.00	0.00	10.33	113.56	2.00	0.00	1.00	0.00
10.34	112.05	2.00	0.00	1.00	0.00	10.35	110.93	2.00	0.00	1.00	0.00
10.36	109.89	2.00	0.00	1.00	0.00	10.37	109.25	2.00	0.00	1.00	0.00
10.38	109.09	2.00	0.00	1.00	0.00	10.39	108.64	2.00	0.00	1.00	0.00
10.40	107.76	2.00	0.00	1.00	0.00	10.41	106.51	2.00	0.00	1.00	0.00
10.42	106.15	2.00	0.00	1.00	0.00	10.43	106.76	2.00	0.00	1.00	0.00
10.44	107.55	2.00	0.00	1.00	0.00	10.45	108.04	2.00	0.00	1.00	0.00
10.46	107.46	2.00	0.00	1.00	0.00	10.47	107.10	2.00	0.00	1.00	0.00
10.48	106.97	2.00	0.00	1.00	0.00	10.49	107.07	2.00	0.00	1.00	0.00
10.50	107.02	2.00	0.00	1.00	0.00	10.51	106.79	2.00	0.00	1.00	0.00
10.52	106.76	2.00	0.00	1.00	0.00	10.53	106.40	2.00	0.00	1.00	0.00
10.54	105.21	2.00	0.00	1.00	0.00	10.55	103.63	2.00	0.00	1.00	0.00
10.56	101.34	2.00	0.00	1.00	0.00	10.57	99.34	2.00	0.00	1.00	0.00
10.58	98.02	2.00	0.00	1.00	0.00	10.59	97.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	97.48	2.00	0.00	1.00	0.00	10.61	95.49	2.00	0.00	1.00	0.00
10.62	93.15	2.00	0.00	1.00	0.00	10.63	90.87	2.00	0.00	1.00	0.00
10.64	89.71	2.00	0.00	1.00	0.00	10.65	88.58	2.00	0.00	1.00	0.00
10.66	87.60	2.00	0.00	1.00	0.00	10.67	87.18	2.00	0.00	1.00	0.00
10.68	86.60	2.00	0.00	1.00	0.00	10.69	85.96	2.00	0.00	1.00	0.00
10.70	85.31	2.00	0.00	1.00	0.00	10.71	84.62	2.00	0.00	1.00	0.00
10.72	83.68	2.00	0.00	1.00	0.00	10.73	82.42	2.00	0.00	1.00	0.00
10.74	81.56	2.00	0.00	1.00	0.00	10.75	81.02	2.00	0.00	1.00	0.00
10.76	75.89	2.00	0.00	1.00	0.00	10.77	71.58	2.00	0.00	1.00	0.00
10.78	67.09	2.00	0.00	1.00	0.00	10.79	68.12	2.00	0.00	1.00	0.00
10.80	68.16	2.00	0.00	1.00	0.00	10.81	68.33	2.00	0.00	1.00	0.00
10.82	68.70	2.00	0.00	1.00	0.00	10.83	69.11	2.00	0.00	1.00	0.00
10.84	69.39	2.00	0.00	1.00	0.00	10.85	69.48	2.00	0.00	1.00	0.00
10.86	71.38	2.00	0.00	1.00	0.00	10.87	73.88	2.00	0.00	1.00	0.00
10.88	76.75	2.00	0.00	1.00	0.00	10.89	78.30	2.00	0.00	1.00	0.00
10.90	79.77	2.00	0.00	1.00	0.00	10.91	81.39	2.00	0.00	1.00	0.00
10.92	83.22	2.00	0.00	1.00	0.00	10.93	84.32	2.00	0.00	1.00	0.00
10.94	85.25	2.00	0.00	1.00	0.00	10.95	86.75	2.00	0.00	1.00	0.00
10.96	89.69	2.00	0.00	1.00	0.00	10.97	93.34	2.00	0.00	1.00	0.00
10.98	96.36	2.00	0.00	1.00	0.00	10.99	99.45	2.00	0.00	1.00	0.00
11.00	101.98	2.00	0.00	1.00	0.00	11.01	104.15	2.00	0.00	1.00	0.00
11.02	105.56	2.00	0.00	1.00	0.00	11.03	106.91	2.00	0.00	1.00	0.00
11.04	108.66	2.00	0.00	1.00	0.00	11.05	109.99	2.00	0.00	1.00	0.00
11.06	110.85	2.00	0.00	1.00	0.00	11.07	110.41	2.00	0.00	1.00	0.00
11.08	109.49	2.00	0.00	1.00	0.00	11.09	107.74	2.00	0.00	1.00	0.00
11.10	105.28	2.00	0.00	1.00	0.00	11.11	101.94	2.00	0.00	1.00	0.00
11.12	97.86	2.00	0.00	1.00	0.00	11.13	94.47	2.00	0.00	1.00	0.00
11.14	91.56	2.00	0.00	1.00	0.00	11.15	89.40	2.00	0.00	1.00	0.00
11.16	86.67	2.00	0.00	1.00	0.00	11.17	82.36	2.00	0.00	1.00	0.00
11.18	78.43	2.00	0.00	1.00	0.00	11.19	75.20	2.00	0.00	1.00	0.00
11.20	73.83	2.00	0.00	1.00	0.00	11.21	72.49	2.00	0.00	1.00	0.00
11.22	71.23	2.00	0.00	1.00	0.00	11.23	70.71	2.00	0.00	1.00	0.00
11.24	70.24	2.00	0.00	1.00	0.00	11.25	70.06	2.00	0.00	1.00	0.00
11.26	69.28	2.00	0.00	1.00	0.00	11.27	67.97	2.00	0.00	1.00	0.00
11.28	66.06	2.00	0.00	1.00	0.00	11.29	63.45	2.00	0.00	1.00	0.00
11.30	61.38	2.00	0.00	1.00	0.00	11.31	60.06	2.00	0.00	1.00	0.00
11.32	59.84	0.50	3.56	1.00	0.04	11.33	60.16	0.50	3.54	1.00	0.04
11.34	60.29	0.50	3.54	1.00	0.04	11.35	60.31	0.50	3.54	1.00	0.04
11.36	60.24	0.50	3.54	1.00	0.04	11.37	60.15	0.50	3.54	1.00	0.04
11.38	60.05	0.50	3.55	1.00	0.04	11.39	59.71	0.50	3.57	1.00	0.04
11.40	59.42	0.50	3.58	1.00	0.04	11.41	59.66	0.50	3.57	1.00	0.04
11.42	60.39	0.50	3.53	1.00	0.04	11.43	61.19	0.50	3.50	1.00	0.03
11.44	61.69	0.51	3.47	1.00	0.03	11.45	61.84	0.51	3.47	1.00	0.03
11.46	61.94	0.51	3.46	1.00	0.03	11.47	62.48	0.51	3.44	1.00	0.03
11.48	63.54	0.52	3.39	1.00	0.03	11.49	65.42	0.53	3.31	1.00	0.03
11.50	67.70	2.00	0.00	1.00	0.00	11.51	69.40	2.00	0.00	1.00	0.00
11.52	70.36	2.00	0.00	1.00	0.00	11.53	70.99	2.00	0.00	1.00	0.00
11.54	72.24	2.00	0.00	1.00	0.00	11.55	74.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	77.46	2.00	0.00	1.00	0.00	11.57	79.63	2.00	0.00	1.00	0.00
11.58	80.19	2.00	0.00	1.00	0.00	11.59	79.72	2.00	0.00	1.00	0.00
11.60	78.95	2.00	0.00	1.00	0.00	11.61	78.52	0.63	2.85	1.00	0.03
11.62	78.69	0.63	2.84	1.00	0.03	11.63	78.88	0.63	2.84	1.00	0.03
11.64	79.01	0.63	2.83	1.00	0.03	11.65	79.11	0.63	2.83	1.00	0.03
11.66	79.39	2.00	0.00	1.00	0.00	11.67	79.77	2.00	0.00	1.00	0.00
11.68	80.70	2.00	0.00	1.00	0.00	11.69	81.67	2.00	0.00	1.00	0.00
11.70	82.55	2.00	0.00	1.00	0.00	11.71	83.52	2.00	0.00	1.00	0.00
11.72	83.94	2.00	0.00	1.00	0.00	11.73	84.28	2.00	0.00	1.00	0.00
11.74	83.91	2.00	0.00	1.00	0.00	11.75	83.88	2.00	0.00	1.00	0.00
11.76	86.92	2.00	0.00	1.00	0.00	11.77	89.66	2.00	0.00	1.00	0.00
11.78	91.93	2.00	0.00	1.00	0.00	11.79	90.89	2.00	0.00	1.00	0.00
11.80	89.60	2.00	0.00	1.00	0.00	11.81	88.65	2.00	0.00	1.00	0.00
11.82	87.84	2.00	0.00	1.00	0.00	11.83	87.25	2.00	0.00	1.00	0.00
11.84	85.32	2.00	0.00	1.00	0.00	11.85	83.06	2.00	0.00	1.00	0.00
11.86	79.89	2.00	0.00	1.00	0.00	11.87	76.54	2.00	0.00	1.00	0.00
11.88	73.46	2.00	0.00	1.00	0.00	11.89	71.54	2.00	0.00	1.00	0.00
11.90	71.04	2.00	0.00	1.00	0.00	11.91	71.31	0.58	3.08	1.00	0.03
11.92	71.78	0.58	3.07	1.00	0.03	11.93	73.94	0.60	2.99	1.00	0.03
11.94	76.68	0.62	2.91	1.00	0.03	11.95	80.24	0.65	2.80	1.00	0.03
11.96	83.47	0.68	2.71	1.00	0.03	11.97	86.90	0.72	2.62	1.00	0.03
11.98	89.47	0.74	2.56	1.00	0.03	11.99	90.84	2.00	0.00	1.00	0.00
12.00	88.50	2.00	0.00	1.00	0.00	12.01	86.05	2.00	0.00	1.00	0.00
12.02	84.08	2.00	0.00	1.00	0.00	12.03	84.13	2.00	0.00	1.00	0.00
12.04	83.81	2.00	0.00	1.00	0.00	12.05	83.70	2.00	0.00	1.00	0.00
12.06	84.08	2.00	0.00	1.00	0.00	12.07	84.24	2.00	0.00	1.00	0.00
12.08	83.56	2.00	0.00	1.00	0.00	12.09	83.52	2.00	0.00	1.00	0.00
12.10	84.44	2.00	0.00	1.00	0.00	12.11	86.39	2.00	0.00	1.00	0.00
12.12	87.98	2.00	0.00	1.00	0.00	12.13	88.34	2.00	0.00	1.00	0.00
12.14	87.28	2.00	0.00	1.00	0.00	12.15	84.41	2.00	0.00	1.00	0.00
12.16	81.58	2.00	0.00	1.00	0.00	12.17	78.99	2.00	0.00	1.00	0.00
12.18	77.58	2.00	0.00	1.00	0.00	12.19	76.29	2.00	0.00	1.00	0.00
12.20	75.45	2.00	0.00	1.00	0.00	12.21	75.38	2.00	0.00	1.00	0.00
12.22	75.96	2.00	0.00	1.00	0.00	12.23	74.81	2.00	0.00	1.00	0.00
12.24	72.17	2.00	0.00	1.00	0.00	12.25	68.23	2.00	0.00	1.00	0.00
12.26	64.55	2.00	0.00	1.00	0.00	12.27	62.06	2.00	0.00	1.00	0.00
12.28	61.37	0.52	3.49	1.00	0.03	12.29	62.90	0.53	3.42	1.00	0.03
12.30	64.65	0.54	3.34	1.00	0.03	12.31	66.17	0.55	3.28	1.00	0.03
12.32	68.91	0.57	3.17	1.00	0.03	12.33	73.00	0.60	3.02	1.00	0.03
12.34	76.84	0.63	2.90	1.00	0.03	12.35	79.37	0.65	2.82	1.00	0.03
12.36	80.04	0.66	2.80	1.00	0.03	12.37	80.42	0.66	2.79	1.00	0.03
12.38	80.80	0.67	2.78	1.00	0.03	12.39	80.64	0.66	2.79	1.00	0.03
12.40	79.89	0.66	2.81	1.00	0.03	12.41	78.46	0.65	2.85	1.00	0.03
12.42	77.32	0.64	2.89	1.00	0.03	12.43	76.70	0.63	2.90	1.00	0.03
12.44	77.01	0.63	2.89	1.00	0.03	12.45	77.72	0.64	2.87	1.00	0.03
12.46	78.77	0.65	2.84	1.00	0.03	12.47	79.90	0.66	2.81	1.00	0.03
12.48	80.06	0.66	2.80	1.00	0.03	12.49	79.11	0.65	2.83	1.00	0.03
12.50	77.30	0.64	2.89	1.00	0.03	12.51	76.28	0.63	2.92	1.00	0.03

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	76.25	0.63	2.92	1.00	0.03	12.53	76.84	0.63	2.90	1.00	0.03
12.54	77.07	0.64	2.89	1.00	0.03	12.55	76.44	0.63	2.91	1.00	0.03
12.56	74.55	0.62	2.97	1.00	0.03	12.57	72.61	0.60	3.04	1.00	0.03
12.58	71.41	0.59	3.08	1.00	0.03	12.59	71.69	0.59	3.07	1.00	0.03
12.60	61.00	0.53	3.50	1.00	0.04	12.61	64.44	0.55	3.35	1.00	0.03
12.62	68.47	0.57	3.19	1.00	0.03	12.63	83.25	0.70	2.72	1.00	0.03
12.64	86.28	0.73	2.64	1.00	0.03	12.65	88.69	0.76	2.42	1.00	0.02
12.66	90.49	0.78	2.35	1.00	0.02	12.67	91.90	0.79	2.30	1.00	0.02
12.68	92.09	0.80	2.29	1.00	0.02	12.69	90.20	0.77	2.36	1.00	0.02
12.70	78.58	0.65	2.85	1.00	0.03	12.71	76.06	0.63	2.92	1.00	0.03
12.72	73.51	0.61	3.01	1.00	0.03	12.73	71.30	0.60	3.08	1.00	0.03
12.74	70.40	0.59	3.12	1.00	0.03	12.75	70.01	0.59	3.13	1.00	0.03
12.76	69.22	0.58	3.16	1.00	0.03	12.77	68.61	0.58	3.18	1.00	0.03
12.78	68.23	0.57	3.20	1.00	0.03	12.79	68.85	0.58	3.17	1.00	0.03
12.80	69.66	0.58	3.14	1.00	0.03	12.81	70.22	0.59	3.12	1.00	0.03
12.82	70.40	0.59	3.12	1.00	0.03	12.83	69.87	0.59	3.14	1.00	0.03
12.84	69.08	0.58	3.16	1.00	0.03	12.85	68.17	0.58	3.20	1.00	0.03
12.86	67.41	0.57	3.23	1.00	0.03	12.87	66.93	0.57	3.25	1.00	0.03
12.88	67.01	0.57	3.24	1.00	0.03	12.89	67.56	0.57	3.22	1.00	0.03
12.90	68.43	0.58	3.19	1.00	0.03	12.91	69.37	0.59	3.15	1.00	0.03
12.92	70.51	0.59	3.11	1.00	0.03	12.93	71.46	0.60	3.08	1.00	0.03
12.94	72.14	0.61	3.05	1.00	0.03	12.95	72.32	0.61	3.05	1.00	0.03
12.96	72.21	0.61	3.05	1.00	0.03	12.97	71.76	0.60	3.07	1.00	0.03
12.98	71.20	0.60	3.09	1.00	0.03	12.99	70.86	0.60	3.10	1.00	0.03
13.00	70.84	0.60	3.10	1.00	0.03	13.01	71.10	0.60	3.09	1.00	0.03
13.02	71.59	0.60	3.07	1.00	0.03	13.03	72.05	0.61	3.06	1.00	0.03
13.04	72.29	0.61	3.05	1.00	0.03	13.05	72.30	0.61	3.05	1.00	0.03
13.06	72.37	0.61	3.05	1.00	0.03	13.07	72.51	0.61	3.04	1.00	0.03
13.08	72.51	0.61	3.04	1.00	0.03	13.09	72.33	0.61	3.05	1.00	0.03
13.10	71.96	0.61	3.06	1.00	0.03	13.11	71.49	0.61	3.08	1.00	0.03
13.12	70.77	0.60	3.10	1.00	0.03	13.13	70.01	0.60	3.13	1.00	0.03
13.14	69.11	0.59	3.16	1.00	0.03	13.15	67.76	0.58	3.22	1.00	0.03
13.16	66.17	0.57	3.28	1.00	0.03	13.17	64.58	0.56	3.34	1.00	0.03
13.18	63.31	0.55	3.40	1.00	0.03	13.19	62.33	0.55	3.44	1.00	0.03
13.20	61.60	0.54	3.48	1.00	0.03	13.21	61.23	0.54	3.49	1.00	0.03
13.22	60.93	0.54	3.51	1.00	0.04	13.23	73.32	0.62	3.01	1.00	0.03
13.24	73.06	0.62	3.02	1.00	0.03	13.25	72.57	0.62	3.04	1.00	0.03
13.26	71.63	0.61	3.07	1.00	0.03	13.27	70.44	0.60	3.11	1.00	0.03
13.28	69.04	0.59	3.17	1.00	0.03	13.29	67.28	0.58	3.23	1.00	0.03
13.30	65.56	0.57	3.30	1.00	0.03	13.31	63.99	0.56	3.37	1.00	0.03
13.32	62.85	0.55	3.42	1.00	0.03	13.33	61.94	0.55	3.46	1.00	0.03
13.34	61.27	0.54	3.49	1.00	0.03	13.35	60.75	0.54	3.52	1.00	0.04
13.36	60.43	0.54	3.53	1.00	0.04	13.37	60.20	0.54	3.54	1.00	0.04
13.38	60.30	0.54	3.54	1.00	0.04	13.39	60.42	0.54	3.53	1.00	0.04
13.40	60.49	0.54	3.53	1.00	0.04	13.41	60.31	0.54	3.54	1.00	0.04
13.42	59.89	0.54	3.56	1.00	0.04	13.43	59.10	0.53	3.60	1.00	0.04
13.44	58.19	0.53	3.64	1.00	0.04	13.45	57.21	0.53	3.69	1.00	0.04
13.46	39.52	0.45	5.00	1.00	0.05	13.47	39.79	0.45	4.97	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	40.20	0.45	4.93	1.00	0.05	13.49	40.59	0.45	4.89	1.00	0.05
13.50	41.09	0.46	4.85	1.00	0.05	13.51	41.56	0.46	4.80	1.00	0.05
13.52	42.00	0.46	4.76	1.00	0.05	13.53	42.34	0.46	4.73	1.00	0.05
13.54	42.61	0.46	4.70	1.00	0.05	13.55	42.80	0.46	4.69	1.00	0.05
13.56	42.89	0.46	4.68	1.00	0.05	13.57	42.97	0.47	4.67	1.00	0.05
13.58	43.02	0.47	4.67	1.00	0.05	13.59	43.13	0.47	4.66	1.00	0.05
13.60	43.24	0.47	4.65	1.00	0.05	13.61	43.42	0.47	4.63	1.00	0.05
13.62	43.61	0.47	4.61	1.00	0.05	13.63	43.90	0.47	4.59	1.00	0.05
13.64	44.26	0.47	4.56	1.00	0.05	13.65	44.84	0.48	4.51	1.00	0.05
13.66	45.45	0.48	4.46	1.00	0.04	13.67	46.06	0.48	4.41	1.00	0.04
13.68	46.85	0.48	4.35	1.00	0.04	13.69	47.78	0.49	4.28	1.00	0.04
13.70	49.09	0.50	4.19	1.00	0.04	13.71	50.08	0.50	4.12	1.00	0.04
13.72	50.86	0.50	4.07	1.00	0.04	13.73	51.11	0.50	4.05	1.00	0.04
13.74	51.19	0.50	4.05	1.00	0.04	13.75	50.49	0.50	4.09	1.00	0.04
13.76	49.58	0.50	4.15	1.00	0.04	13.77	48.53	0.49	4.23	1.00	0.04
13.78	47.95	0.49	4.27	1.00	0.04	13.79	47.58	0.49	4.30	1.00	0.04
13.80	47.39	0.49	4.31	1.00	0.04	13.81	47.44	0.49	4.31	1.00	0.04
13.82	47.77	0.49	4.28	1.00	0.04	13.83	48.41	0.49	4.24	1.00	0.04
13.84	49.23	0.50	4.18	1.00	0.04	13.85	50.01	0.50	4.12	1.00	0.04
13.86	51.21	0.51	4.04	1.00	0.04	13.87	52.76	0.51	3.95	1.00	0.04
13.88	54.69	0.52	3.83	1.00	0.04	13.89	57.12	0.53	3.70	1.00	0.04
13.90	59.55	0.55	3.57	1.00	0.04	13.91	61.76	0.56	3.47	1.00	0.03
13.92	63.26	0.57	3.40	1.00	0.03	13.93	64.20	0.58	3.36	1.00	0.03
13.94	64.66	0.58	3.34	1.00	0.03	13.95	64.41	0.58	3.35	1.00	0.03
13.96	64.16	0.58	3.36	1.00	0.03	13.97	63.95	0.58	3.37	1.00	0.03
13.98	64.06	0.58	3.37	1.00	0.03	13.99	64.40	0.58	3.35	1.00	0.03
14.00	65.10	0.58	3.32	1.00	0.03	14.01	66.14	0.59	3.28	1.00	0.03
14.02	67.11	0.60	3.24	1.00	0.03	14.03	67.88	0.60	3.21	1.00	0.03
14.04	67.88	0.60	3.21	1.00	0.03	14.05	67.48	0.60	3.23	1.00	0.03
14.06	66.67	0.60	3.26	1.00	0.03	14.07	65.38	0.59	3.31	1.00	0.03
14.08	63.85	0.58	3.38	1.00	0.03	14.09	62.04	0.57	3.46	1.00	0.03
14.10	60.44	0.56	3.53	1.00	0.04	14.11	71.57	0.63	3.07	1.00	0.03
14.12	70.58	0.63	3.11	1.00	0.03	14.13	69.69	0.62	3.14	1.00	0.03
14.14	69.38	0.62	3.15	1.00	0.03	14.15	69.53	0.62	3.15	1.00	0.03
14.16	69.92	0.62	3.13	1.00	0.03	14.17	70.35	0.63	3.12	1.00	0.03
14.18	70.53	0.63	3.11	1.00	0.03	14.19	70.66	0.63	3.11	1.00	0.03
14.20	70.80	0.63	3.10	1.00	0.03	14.21	71.01	0.63	3.09	1.00	0.03
14.22	71.26	0.63	3.09	1.00	0.03	14.23	71.53	0.64	3.08	1.00	0.03
14.24	71.98	0.64	3.06	1.00	0.03	14.25	72.45	0.64	3.04	1.00	0.03
14.26	60.74	0.56	3.52	1.00	0.04	14.27	61.86	0.57	3.46	1.00	0.03
14.28	62.88	0.58	3.42	1.00	0.03	14.29	63.80	0.58	3.38	1.00	0.03
14.30	64.24	0.59	3.36	1.00	0.03	14.31	64.41	0.59	3.35	1.00	0.03
14.32	64.34	0.59	3.35	1.00	0.03	14.33	63.76	0.58	3.38	1.00	0.03
14.34	63.02	0.58	3.41	1.00	0.03	14.35	62.17	0.57	3.45	1.00	0.03
14.36	61.49	0.57	3.48	1.00	0.03	14.37	60.95	0.57	3.51	1.00	0.04
14.38	60.71	0.57	3.52	1.00	0.04	14.39	60.92	0.57	3.51	1.00	0.04
14.40	61.36	0.57	3.49	1.00	0.03	14.41	61.91	0.57	3.46	1.00	0.03
14.42	62.35	0.58	3.44	1.00	0.03	14.43	62.42	0.58	3.44	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	62.16	0.58	3.45	1.00	0.03	14.45	61.65	0.57	3.47	1.00	0.03
14.46	60.88	0.57	3.51	1.00	0.04	14.47	59.96	0.56	3.55	1.00	0.04
14.48	58.95	0.56	3.60	1.00	0.04	14.49	57.76	0.55	3.66	1.00	0.04
14.50	56.44	0.55	3.73	1.00	0.04	14.51	54.99	0.54	3.82	1.00	0.04
14.52	53.80	0.53	3.88	1.00	0.04	14.53	66.40	0.61	3.27	1.00	0.03
14.54	65.36	0.60	3.31	1.00	0.03	14.55	64.13	0.59	3.36	1.00	0.03
14.56	63.16	0.59	3.41	1.00	0.03	14.57	62.19	0.58	3.45	1.00	0.03
14.58	61.29	0.57	3.49	1.00	0.03	14.59	60.55	0.57	3.53	1.00	0.04
14.60	60.00	0.57	3.55	1.00	0.04	14.61	59.71	0.57	3.57	1.00	0.04
14.62	59.53	0.57	3.58	1.00	0.04	14.63	59.49	0.57	3.58	1.00	0.04
14.64	59.62	0.57	3.57	1.00	0.04	14.65	59.95	0.57	3.55	1.00	0.04
14.66	60.81	0.57	3.51	1.00	0.04	14.67	61.94	0.58	3.46	1.00	0.03
14.68	63.34	0.59	3.40	1.00	0.03	14.69	64.49	0.60	3.35	1.00	0.03
14.70	65.31	0.60	3.31	1.00	0.03	14.71	65.75	0.61	3.30	1.00	0.03
14.72	65.85	0.61	3.29	1.00	0.03	14.73	65.89	0.61	3.29	1.00	0.03
14.74	50.90	0.53	4.07	1.00	0.04	14.75	54.07	0.54	3.87	1.00	0.04
14.76	58.24	0.56	3.64	1.00	0.04	14.77	62.45	0.59	3.44	1.00	0.03
14.78	66.72	0.62	3.26	1.00	0.03	14.79	70.90	0.65	3.10	1.00	0.03
14.80	74.03	0.67	2.99	1.00	0.03	14.81	76.31	0.69	2.92	1.00	0.03
14.82	77.73	0.71	2.87	1.00	0.03	14.83	77.93	0.71	2.87	1.00	0.03
14.84	77.43	0.71	2.88	1.00	0.03	14.85	76.56	0.70	2.91	1.00	0.03
14.86	75.49	0.69	2.94	1.00	0.03	14.87	74.29	0.68	2.98	1.00	0.03
14.88	73.19	0.67	3.02	1.00	0.03	14.89	72.12	0.66	3.05	1.00	0.03
14.90	71.25	0.65	3.09	1.00	0.03	14.91	70.49	0.65	3.11	1.00	0.03
14.92	69.82	0.64	3.14	1.00	0.03	14.93	69.59	0.64	3.15	1.00	0.03
14.94	69.63	0.64	3.14	1.00	0.03	14.95	70.13	0.65	3.13	1.00	0.03
14.96	71.78	0.66	3.07	1.00	0.03	14.97	74.09	0.68	2.99	1.00	0.03
14.98	77.06	0.71	2.89	1.00	0.03	14.99	80.27	0.74	2.80	1.00	0.03
15.00	85.42	0.80	2.56	1.00	0.03	15.01	90.86	2.00	0.00	1.00	0.00
15.02	96.02	2.00	0.00	1.00	0.00	15.03	100.08	2.00	0.00	1.00	0.00
15.04	103.57	2.00	0.00	1.00	0.00	15.05	106.06	2.00	0.00	1.00	0.00
15.06	106.62	2.00	0.00	1.00	0.00	15.07	105.54	2.00	0.00	1.00	0.00
15.08	104.03	2.00	0.00	1.00	0.00	15.09	102.42	2.00	0.00	1.00	0.00
15.10	100.85	2.00	0.00	1.00	0.00	15.11	98.91	2.00	0.00	1.00	0.00
15.12	96.71	2.00	0.00	1.00	0.00	15.13	93.77	2.00	0.00	1.00	0.00
15.14	90.80	2.00	0.00	1.00	0.00	15.15	87.99	2.00	0.00	1.00	0.00
15.16	86.32	2.00	0.00	1.00	0.00	15.17	85.48	2.00	0.00	1.00	0.00
15.18	85.54	2.00	0.00	1.00	0.00	15.19	87.26	2.00	0.00	1.00	0.00
15.20	89.71	2.00	0.00	1.00	0.00	15.21	92.63	2.00	0.00	1.00	0.00
15.22	96.05	2.00	0.00	1.00	0.00	15.23	99.60	2.00	0.00	1.00	0.00
15.24	103.28	2.00	0.00	1.00	0.00	15.25	106.16	2.00	0.00	1.00	0.00
15.26	110.09	2.00	0.00	1.00	0.00	15.27	114.18	2.00	0.00	1.00	0.00
15.28	118.37	2.00	0.00	1.00	0.00	15.29	121.96	2.00	0.00	1.00	0.00
15.30	124.79	2.00	0.00	1.00	0.00	15.31	126.88	2.00	0.00	1.00	0.00
15.32	127.69	2.00	0.00	1.00	0.00	15.33	128.20	2.00	0.00	1.00	0.00
15.34	128.41	2.00	0.00	1.00	0.00	15.35	128.22	2.00	0.00	1.00	0.00
15.36	127.54	2.00	0.00	1.00	0.00	15.37	126.86	2.00	0.00	1.00	0.00
15.38	126.38	2.00	0.00	1.00	0.00	15.39	125.94	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	125.26	2.00	0.00	1.00	0.00	15.41	124.15	2.00	0.00	1.00	0.00
15.42	122.88	2.00	0.00	1.00	0.00	15.43	121.68	2.00	0.00	1.00	0.00
15.44	120.58	2.00	0.00	1.00	0.00	15.45	118.82	2.00	0.00	1.00	0.00
15.46	116.57	2.00	0.00	1.00	0.00	15.47	114.23	2.00	0.00	1.00	0.00
15.48	112.24	2.00	0.00	1.00	0.00	15.49	110.54	2.00	0.00	1.00	0.00
15.50	108.74	2.00	0.00	1.00	0.00	15.51	106.72	2.00	0.00	1.00	0.00
15.52	104.50	2.00	0.00	1.00	0.00	15.53	102.28	2.00	0.00	1.00	0.00
15.54	99.80	2.00	0.00	1.00	0.00	15.55	97.19	2.00	0.00	1.00	0.00
15.56	94.35	2.00	0.00	1.00	0.00	15.57	91.38	2.00	0.00	1.00	0.00
15.58	97.03	2.00	0.00	1.00	0.00	15.59	95.01	2.00	0.00	1.00	0.00
15.60	93.07	2.00	0.00	1.00	0.00	15.61	91.30	2.00	0.00	1.00	0.00
15.62	89.81	2.00	0.00	1.00	0.00	15.63	88.96	2.00	0.00	1.00	0.00
15.64	88.36	2.00	0.00	1.00	0.00	15.65	87.92	2.00	0.00	1.00	0.00
15.66	87.60	2.00	0.00	1.00	0.00	15.67	87.47	2.00	0.00	1.00	0.00
15.68	87.25	2.00	0.00	1.00	0.00	15.69	86.74	2.00	0.00	1.00	0.00
15.70	85.50	2.00	0.00	1.00	0.00	15.71	83.50	2.00	0.00	1.00	0.00
15.72	81.41	2.00	0.00	1.00	0.00	15.73	80.02	2.00	0.00	1.00	0.00
15.74	79.50	2.00	0.00	1.00	0.00	15.75	75.25	2.00	0.00	1.00	0.00
15.76	70.59	2.00	0.00	1.00	0.00	15.77	65.45	2.00	0.00	1.00	0.00
15.78	64.42	2.00	0.00	1.00	0.00	15.79	63.45	2.00	0.00	1.00	0.00
15.80	62.26	2.00	0.00	1.00	0.00	15.81	61.17	2.00	0.00	1.00	0.00
15.82	60.66	2.00	0.00	1.00	0.00	15.83	61.34	2.00	0.00	1.00	0.00
15.84	62.28	2.00	0.00	1.00	0.00	15.85	62.97	2.00	0.00	1.00	0.00
15.86	63.62	2.00	0.00	1.00	0.00	15.87	64.43	2.00	0.00	1.00	0.00
15.88	65.54	2.00	0.00	1.00	0.00	15.89	66.48	2.00	0.00	1.00	0.00
15.90	68.24	2.00	0.00	1.00	0.00	15.91	70.00	2.00	0.00	1.00	0.00
15.92	71.67	2.00	0.00	1.00	0.00	15.93	72.73	2.00	0.00	1.00	0.00
15.94	73.73	2.00	0.00	1.00	0.00	15.95	74.59	2.00	0.00	1.00	0.00
15.96	73.08	2.00	0.00	1.00	0.00	15.97	69.97	2.00	0.00	1.00	0.00
15.98	65.53	2.00	0.00	1.00	0.00	15.99	63.18	2.00	0.00	1.00	0.00
16.00	62.42	2.00	0.00	1.00	0.00	16.01	63.14	2.00	0.00	1.00	0.00
16.02	64.77	2.00	0.00	1.00	0.00	16.03	66.66	2.00	0.00	1.00	0.00
16.04	68.93	2.00	0.00	1.00	0.00	16.05	72.53	2.00	0.00	1.00	0.00
16.06	76.67	2.00	0.00	1.00	0.00	16.07	80.55	2.00	0.00	1.00	0.00
16.08	82.71	2.00	0.00	1.00	0.00	16.09	83.93	2.00	0.00	1.00	0.00
16.10	84.16	2.00	0.00	1.00	0.00	16.11	82.53	2.00	0.00	1.00	0.00
16.12	80.17	2.00	0.00	1.00	0.00	16.13	76.90	2.00	0.00	1.00	0.00
16.14	72.61	2.00	0.00	1.00	0.00	16.15	67.98	2.00	0.00	1.00	0.00
16.16	63.61	2.00	0.00	1.00	0.00	16.17	60.35	2.00	0.00	1.00	0.00
16.18	57.81	2.00	0.00	1.00	0.00	16.19	56.68	2.00	0.00	1.00	0.00
16.20	58.75	2.00	0.00	1.00	0.00	16.21	61.67	2.00	0.00	1.00	0.00
16.22	64.89	2.00	0.00	1.00	0.00	16.23	67.89	2.00	0.00	1.00	0.00
16.24	70.74	2.00	0.00	1.00	0.00	16.25	73.60	2.00	0.00	1.00	0.00
16.26	75.59	2.00	0.00	1.00	0.00	16.27	76.45	2.00	0.00	1.00	0.00
16.28	75.44	2.00	0.00	1.00	0.00	16.29	72.15	2.00	0.00	1.00	0.00
16.30	68.68	2.00	0.00	1.00	0.00	16.31	65.94	2.00	0.00	1.00	0.00
16.32	64.08	2.00	0.00	1.00	0.00	16.33	62.47	2.00	0.00	1.00	0.00
16.34	46.58	2.00	0.00	1.00	0.00	16.35	47.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	49.07	2.00	0.00	1.00	0.00	16.37	51.26	2.00	0.00	1.00	0.00
16.38	54.50	2.00	0.00	1.00	0.00	16.39	58.12	2.00	0.00	1.00	0.00
16.40	61.89	2.00	0.00	1.00	0.00	16.41	65.74	2.00	0.00	1.00	0.00
16.42	69.22	2.00	0.00	1.00	0.00	16.43	72.21	2.00	0.00	1.00	0.00
16.44	73.72	2.00	0.00	1.00	0.00	16.45	74.51	2.00	0.00	1.00	0.00
16.46	74.79	2.00	0.00	1.00	0.00	16.47	74.60	2.00	0.00	1.00	0.00
16.48	74.33	2.00	0.00	1.00	0.00	16.49	73.78	2.00	0.00	1.00	0.00
16.50	72.62	2.00	0.00	1.00	0.00	16.51	71.52	2.00	0.00	1.00	0.00
16.52	70.74	2.00	0.00	1.00	0.00	16.53	70.50	2.00	0.00	1.00	0.00
16.54	70.14	2.00	0.00	1.00	0.00	16.55	69.58	2.00	0.00	1.00	0.00
16.56	68.84	2.00	0.00	1.00	0.00	16.57	68.20	2.00	0.00	1.00	0.00
16.58	67.35	2.00	0.00	1.00	0.00	16.59	78.06	2.00	0.00	1.00	0.00
16.60	76.87	2.00	0.00	1.00	0.00	16.61	75.47	2.00	0.00	1.00	0.00
16.62	73.67	2.00	0.00	1.00	0.00	16.63	71.74	2.00	0.00	1.00	0.00
16.64	69.60	2.00	0.00	1.00	0.00	16.65	67.22	2.00	0.00	1.00	0.00
16.66	65.29	2.00	0.00	1.00	0.00	16.67	64.36	2.00	0.00	1.00	0.00
16.68	65.33	2.00	0.00	1.00	0.00	16.69	67.73	2.00	0.00	1.00	0.00
16.70	71.01	2.00	0.00	1.00	0.00	16.71	75.23	2.00	0.00	1.00	0.00
16.72	78.51	2.00	0.00	1.00	0.00	16.73	80.76	2.00	0.00	1.00	0.00
16.74	82.89	2.00	0.00	1.00	0.00	16.75	86.96	2.00	0.00	1.00	0.00
16.76	91.31	2.00	0.00	1.00	0.00	16.77	94.37	2.00	0.00	1.00	0.00
16.78	95.46	2.00	0.00	1.00	0.00	16.79	95.40	2.00	0.00	1.00	0.00
16.80	93.85	2.00	0.00	1.00	0.00	16.81	92.24	2.00	0.00	1.00	0.00
16.82	90.94	2.00	0.00	1.00	0.00	16.83	89.83	2.00	0.00	1.00	0.00
16.84	88.50	2.00	0.00	1.00	0.00	16.85	86.75	2.00	0.00	1.00	0.00
16.86	84.05	2.00	0.00	1.00	0.00	16.87	80.84	2.00	0.00	1.00	0.00
16.88	77.07	2.00	0.00	1.00	0.00	16.89	72.92	2.00	0.00	1.00	0.00
16.90	68.94	2.00	0.00	1.00	0.00	16.91	65.45	2.00	0.00	1.00	0.00
16.92	63.54	2.00	0.00	1.00	0.00	16.93	62.31	2.00	0.00	1.00	0.00
16.94	61.73	2.00	0.00	1.00	0.00	16.95	61.81	2.00	0.00	1.00	0.00
16.96	62.04	2.00	0.00	1.00	0.00	16.97	62.48	2.00	0.00	1.00	0.00
16.98	63.11	2.00	0.00	1.00	0.00	16.99	64.37	2.00	0.00	1.00	0.00
17.00	65.82	2.00	0.00	1.00	0.00	17.01	67.33	2.00	0.00	1.00	0.00
17.02	68.77	2.00	0.00	1.00	0.00	17.03	70.07	2.00	0.00	1.00	0.00
17.04	71.23	2.00	0.00	1.00	0.00	17.05	71.93	2.00	0.00	1.00	0.00
17.06	72.56	2.00	0.00	1.00	0.00	17.07	73.13	2.00	0.00	1.00	0.00
17.08	73.63	2.00	0.00	1.00	0.00	17.09	73.96	2.00	0.00	1.00	0.00
17.10	74.09	2.00	0.00	1.00	0.00	17.11	74.21	2.00	0.00	1.00	0.00
17.12	74.34	2.00	0.00	1.00	0.00	17.13	74.52	2.00	0.00	1.00	0.00
17.14	74.42	2.00	0.00	1.00	0.00	17.15	74.23	2.00	0.00	1.00	0.00
17.16	74.16	2.00	0.00	1.00	0.00	17.17	74.37	2.00	0.00	1.00	0.00
17.18	74.74	2.00	0.00	1.00	0.00	17.19	75.13	2.00	0.00	1.00	0.00
17.20	75.51	2.00	0.00	1.00	0.00	17.21	76.45	2.00	0.00	1.00	0.00
17.22	77.43	2.00	0.00	1.00	0.00	17.23	78.42	2.00	0.00	1.00	0.00
17.24	79.19	2.00	0.00	1.00	0.00	17.25	79.81	2.00	0.00	1.00	0.00
17.26	80.17	2.00	0.00	1.00	0.00	17.27	80.17	2.00	0.00	1.00	0.00
17.28	80.15	2.00	0.00	1.00	0.00	17.29	80.25	2.00	0.00	1.00	0.00
17.30	80.39	2.00	0.00	1.00	0.00	17.31	80.50	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	80.61	2.00	0.00	1.00	0.00	17.33	80.61	2.00	0.00	1.00	0.00
17.34	80.69	2.00	0.00	1.00	0.00	17.35	80.80	2.00	0.00	1.00	0.00
17.36	80.90	2.00	0.00	1.00	0.00	17.37	80.91	2.00	0.00	1.00	0.00
17.38	80.92	2.00	0.00	1.00	0.00	17.39	80.98	2.00	0.00	1.00	0.00
17.40	81.34	2.00	0.00	1.00	0.00	17.41	81.61	2.00	0.00	1.00	0.00
17.42	81.91	2.00	0.00	1.00	0.00	17.43	81.93	2.00	0.00	1.00	0.00
17.44	81.94	2.00	0.00	1.00	0.00	17.45	81.88	2.00	0.00	1.00	0.00
17.46	81.80	2.00	0.00	1.00	0.00	17.47	81.62	2.00	0.00	1.00	0.00
17.48	81.31	2.00	0.00	1.00	0.00	17.49	80.88	2.00	0.00	1.00	0.00
17.50	80.50	2.00	0.00	1.00	0.00	17.51	80.23	2.00	0.00	1.00	0.00
17.52	79.99	2.00	0.00	1.00	0.00	17.53	79.83	2.00	0.00	1.00	0.00
17.54	79.82	2.00	0.00	1.00	0.00	17.55	80.14	2.00	0.00	1.00	0.00
17.56	80.61	2.00	0.00	1.00	0.00	17.57	81.12	2.00	0.00	1.00	0.00
17.58	81.62	2.00	0.00	1.00	0.00	17.59	82.17	2.00	0.00	1.00	0.00
17.60	82.64	2.00	0.00	1.00	0.00	17.61	83.06	2.00	0.00	1.00	0.00
17.62	83.58	2.00	0.00	1.00	0.00	17.63	84.12	2.00	0.00	1.00	0.00
17.64	84.54	2.00	0.00	1.00	0.00	17.65	84.80	2.00	0.00	1.00	0.00
17.66	85.00	2.00	0.00	1.00	0.00	17.67	85.33	2.00	0.00	1.00	0.00
17.68	85.83	2.00	0.00	1.00	0.00	17.69	86.21	2.00	0.00	1.00	0.00
17.70	86.34	2.00	0.00	1.00	0.00	17.71	86.14	2.00	0.00	1.00	0.00
17.72	85.95	2.00	0.00	1.00	0.00	17.73	85.84	2.00	0.00	1.00	0.00
17.74	84.87	2.00	0.00	1.00	0.00	17.75	83.87	2.00	0.00	1.00	0.00
17.76	83.14	2.00	0.00	1.00	0.00	17.77	83.58	2.00	0.00	1.00	0.00
17.78	84.20	2.00	0.00	1.00	0.00	17.79	84.86	2.00	0.00	1.00	0.00
17.80	85.55	2.00	0.00	1.00	0.00	17.81	86.12	2.00	0.00	1.00	0.00
17.82	86.72	2.00	0.00	1.00	0.00	17.83	87.34	2.00	0.00	1.00	0.00
17.84	88.14	2.00	0.00	1.00	0.00	17.85	89.13	2.00	0.00	1.00	0.00
17.86	90.23	2.00	0.00	1.00	0.00	17.87	91.27	2.00	0.00	1.00	0.00
17.88	92.11	2.00	0.00	1.00	0.00	17.89	92.85	2.00	0.00	1.00	0.00
17.90	93.61	2.00	0.00	1.00	0.00	17.91	94.06	2.00	0.00	1.00	0.00
17.92	94.33	2.00	0.00	1.00	0.00	17.93	94.57	2.00	0.00	1.00	0.00
17.94	94.98	2.00	0.00	1.00	0.00	17.95	95.51	2.00	0.00	1.00	0.00
17.96	96.13	2.00	0.00	1.00	0.00	17.97	96.54	2.00	0.00	1.00	0.00
17.98	96.95	2.00	0.00	1.00	0.00	17.99	97.78	2.00	0.00	1.00	0.00
18.00	98.90	2.00	0.00	1.00	0.00	18.01	100.15	2.00	0.00	1.00	0.00
18.02	101.00	2.00	0.00	1.00	0.00	18.03	101.70	2.00	0.00	1.00	0.00
18.04	102.14	2.00	0.00	1.00	0.00	18.05	102.83	2.00	0.00	1.00	0.00
18.06	103.46	2.00	0.00	1.00	0.00	18.07	104.11	2.00	0.00	1.00	0.00
18.08	104.05	2.00	0.00	1.00	0.00	18.09	103.79	2.00	0.00	1.00	0.00
18.10	103.27	2.00	0.00	1.00	0.00	18.11	102.74	2.00	0.00	1.00	0.00
18.12	102.19	2.00	0.00	1.00	0.00	18.13	101.52	2.00	0.00	1.00	0.00
18.14	100.78	2.00	0.00	1.00	0.00	18.15	100.18	2.00	0.00	1.00	0.00
18.16	99.84	2.00	0.00	1.00	0.00	18.17	99.63	2.00	0.00	1.00	0.00
18.18	99.38	2.00	0.00	1.00	0.00	18.19	98.97	2.00	0.00	1.00	0.00
18.20	98.66	2.00	0.00	1.00	0.00	18.21	98.41	2.00	0.00	1.00	0.00
18.22	98.56	2.00	0.00	1.00	0.00	18.23	98.96	2.00	0.00	1.00	0.00
18.24	99.55	2.00	0.00	1.00	0.00	18.25	99.99	2.00	0.00	1.00	0.00
18.26	100.38	2.00	0.00	1.00	0.00	18.27	100.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	100.62	2.00	0.00	1.00	0.00	18.29	100.42	2.00	0.00	1.00	0.00
18.30	100.04	2.00	0.00	1.00	0.00	18.31	99.65	2.00	0.00	1.00	0.00
18.32	99.18	2.00	0.00	1.00	0.00	18.33	98.32	2.00	0.00	1.00	0.00
18.34	97.29	2.00	0.00	1.00	0.00	18.35	96.24	2.00	0.00	1.00	0.00
18.36	95.19	2.00	0.00	1.00	0.00	18.37	94.12	2.00	0.00	1.00	0.00
18.38	92.91	2.00	0.00	1.00	0.00	18.39	91.52	2.00	0.00	1.00	0.00
18.40	90.09	2.00	0.00	1.00	0.00	18.41	88.90	2.00	0.00	1.00	0.00
18.42	87.57	2.00	0.00	1.00	0.00	18.43	86.40	2.00	0.00	1.00	0.00
18.44	84.96	2.00	0.00	1.00	0.00	18.45	84.01	2.00	0.00	1.00	0.00
18.46	83.40	2.00	0.00	1.00	0.00	18.47	83.05	2.00	0.00	1.00	0.00
18.48	82.58	2.00	0.00	1.00	0.00	18.49	81.84	2.00	0.00	1.00	0.00
18.50	81.03	2.00	0.00	1.00	0.00	18.51	80.32	2.00	0.00	1.00	0.00
18.52	79.17	2.00	0.00	1.00	0.00	18.53	77.86	2.00	0.00	1.00	0.00
18.54	76.72	2.00	0.00	1.00	0.00	18.55	75.48	2.00	0.00	1.00	0.00
18.56	74.25	2.00	0.00	1.00	0.00	18.57	73.18	2.00	0.00	1.00	0.00
18.58	72.81	2.00	0.00	1.00	0.00	18.59	72.41	2.00	0.00	1.00	0.00
18.60	71.65	2.00	0.00	1.00	0.00	18.61	71.18	2.00	0.00	1.00	0.00
18.62	71.29	2.00	0.00	1.00	0.00	18.63	71.89	2.00	0.00	1.00	0.00
18.64	72.13	2.00	0.00	1.00	0.00	18.65	72.17	2.00	0.00	1.00	0.00
18.66	72.31	2.00	0.00	1.00	0.00	18.67	72.77	2.00	0.00	1.00	0.00
18.68	73.29	2.00	0.00	1.00	0.00	18.69	73.90	2.00	0.00	1.00	0.00
18.70	74.32	2.00	0.00	1.00	0.00	18.71	74.68	2.00	0.00	1.00	0.00
18.72	74.83	2.00	0.00	1.00	0.00	18.73	74.87	2.00	0.00	1.00	0.00
18.74	72.53	2.00	0.00	1.00	0.00	18.75	70.75	2.00	0.00	1.00	0.00
18.76	69.35	2.00	0.00	1.00	0.00	18.77	70.06	2.00	0.00	1.00	0.00
18.78	70.22	2.00	0.00	1.00	0.00	18.79	70.04	2.00	0.00	1.00	0.00
18.80	70.27	2.00	0.00	1.00	0.00	18.81	70.28	2.00	0.00	1.00	0.00
18.82	70.16	2.00	0.00	1.00	0.00	18.83	69.80	2.00	0.00	1.00	0.00
18.84	69.67	2.00	0.00	1.00	0.00	18.85	69.77	2.00	0.00	1.00	0.00
18.86	69.90	2.00	0.00	1.00	0.00	18.87	69.57	2.00	0.00	1.00	0.00
18.88	68.87	2.00	0.00	1.00	0.00	18.89	67.91	2.00	0.00	1.00	0.00
18.90	67.18	2.00	0.00	1.00	0.00	18.91	66.62	2.00	0.00	1.00	0.00
18.92	66.55	2.00	0.00	1.00	0.00	18.93	66.71	2.00	0.00	1.00	0.00
18.94	66.63	2.00	0.00	1.00	0.00	18.95	65.39	2.00	0.00	1.00	0.00
18.96	62.76	2.00	0.00	1.00	0.00	18.97	58.68	2.00	0.00	1.00	0.00
18.98	55.81	2.00	0.00	1.00	0.00	18.99	54.88	2.00	0.00	1.00	0.00
19.00	59.58	2.00	0.00	1.00	0.00	19.01	64.93	2.00	0.00	1.00	0.00
19.02	69.97	2.00	0.00	1.00	0.00	19.03	72.31	2.00	0.00	1.00	0.00
19.04	73.75	2.00	0.00	1.00	0.00	19.05	74.75	2.00	0.00	1.00	0.00
19.06	74.44	2.00	0.00	1.00	0.00	19.07	73.97	2.00	0.00	1.00	0.00
19.08	73.55	2.00	0.00	1.00	0.00	19.09	74.64	2.00	0.00	1.00	0.00
19.10	76.20	2.00	0.00	1.00	0.00	19.11	78.01	2.00	0.00	1.00	0.00
19.12	79.31	2.00	0.00	1.00	0.00	19.13	80.09	2.00	0.00	1.00	0.00
19.14	80.08	2.00	0.00	1.00	0.00	19.15	77.28	2.00	0.00	1.00	0.00
19.16	73.34	2.00	0.00	1.00	0.00	19.17	69.10	2.00	0.00	1.00	0.00
19.18	67.12	2.00	0.00	1.00	0.00	19.19	66.43	2.00	0.00	1.00	0.00
19.20	66.63	2.00	0.00	1.00	0.00	19.21	67.88	2.00	0.00	1.00	0.00
19.22	69.60	2.00	0.00	1.00	0.00	19.23	72.10	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	74.34	2.00	0.00	1.00	0.00	19.25	76.41	2.00	0.00	1.00	0.00
19.26	77.75	2.00	0.00	1.00	0.00	19.27	78.99	2.00	0.00	1.00	0.00
19.28	80.11	2.00	0.00	1.00	0.00	19.29	81.27	2.00	0.00	1.00	0.00
19.30	81.45	2.00	0.00	1.00	0.00	19.31	81.39	2.00	0.00	1.00	0.00
19.32	80.94	2.00	0.00	1.00	0.00	19.33	81.76	2.00	0.00	1.00	0.00
19.34	83.05	2.00	0.00	1.00	0.00	19.35	84.89	2.00	0.00	1.00	0.00
19.36	86.13	2.00	0.00	1.00	0.00	19.37	86.57	2.00	0.00	1.00	0.00
19.38	85.89	2.00	0.00	1.00	0.00	19.39	84.75	2.00	0.00	1.00	0.00
19.40	83.81	2.00	0.00	1.00	0.00	19.41	83.66	2.00	0.00	1.00	0.00
19.42	84.50	2.00	0.00	1.00	0.00	19.43	86.44	2.00	0.00	1.00	0.00
19.44	88.95	2.00	0.00	1.00	0.00	19.45	91.81	2.00	0.00	1.00	0.00
19.46	93.59	2.00	0.00	1.00	0.00	19.47	94.58	2.00	0.00	1.00	0.00
19.48	94.86	2.00	0.00	1.00	0.00	19.49	95.52	2.00	0.00	1.00	0.00
19.50	96.47	2.00	0.00	1.00	0.00	19.51	98.87	2.00	0.00	1.00	0.00
19.52	101.52	2.00	0.00	1.00	0.00	19.53	103.86	2.00	0.00	1.00	0.00
19.54	104.80	2.00	0.00	1.00	0.00	19.55	104.89	2.00	0.00	1.00	0.00
19.56	104.50	2.00	0.00	1.00	0.00	19.57	103.16	2.00	0.00	1.00	0.00
19.58	101.49	2.00	0.00	1.00	0.00	19.59	99.56	2.00	0.00	1.00	0.00
19.60	98.39	2.00	0.00	1.00	0.00	19.61	96.90	2.00	0.00	1.00	0.00
19.62	95.24	2.00	0.00	1.00	0.00	19.63	93.18	2.00	0.00	1.00	0.00
19.64	91.16	2.00	0.00	1.00	0.00	19.65	88.93	2.00	0.00	1.00	0.00
19.66	87.02	2.00	0.00	1.00	0.00	19.67	85.68	2.00	0.00	1.00	0.00
19.68	84.92	2.00	0.00	1.00	0.00	19.69	83.96	2.00	0.00	1.00	0.00
19.70	82.65	2.00	0.00	1.00	0.00	19.71	80.64	2.00	0.00	1.00	0.00
19.72	79.04	2.00	0.00	1.00	0.00	19.73	77.99	2.00	0.00	1.00	0.00
19.74	74.97	2.00	0.00	1.00	0.00	19.75	71.90	2.00	0.00	1.00	0.00
19.76	69.18	2.00	0.00	1.00	0.00	19.77	70.07	2.00	0.00	1.00	0.00
19.78	70.84	2.00	0.00	1.00	0.00	19.79	71.54	2.00	0.00	1.00	0.00
19.80	72.26	2.00	0.00	1.00	0.00	19.81	73.13	2.00	0.00	1.00	0.00
19.82	75.00	2.00	0.00	1.00	0.00	19.83	77.31	2.00	0.00	1.00	0.00
19.84	80.29	2.00	0.00	1.00	0.00	19.85	83.29	2.00	0.00	1.00	0.00
19.86	85.51	2.00	0.00	1.00	0.00	19.87	86.97	2.00	0.00	1.00	0.00
19.88	87.20	2.00	0.00	1.00	0.00	19.89	87.27	2.00	0.00	1.00	0.00
19.90	87.34	2.00	0.00	1.00	0.00	19.91	87.33	2.00	0.00	1.00	0.00
19.92	86.67	2.00	0.00	1.00	0.00	19.93	85.48	2.00	0.00	1.00	0.00
19.94	83.91	2.00	0.00	1.00	0.00	19.95	82.49	2.00	0.00	1.00	0.00
19.96	80.77	2.00	0.00	1.00	0.00	19.97	78.01	2.00	0.00	1.00	0.00
19.98	75.37	2.00	0.00	1.00	0.00	19.99	73.19	2.00	0.00	1.00	0.00
20.00	72.52	2.00	0.00	1.00	0.00	20.01	72.16	2.00	0.00	1.00	0.00
20.02	71.41	2.00	0.00	1.00	0.00	20.03	69.70	2.00	0.00	1.00	0.00
20.04	68.42	2.00	0.00	1.00	0.00	20.05	67.88	2.00	0.00	1.00	0.00
20.06	68.63	2.00	0.00	1.00	0.00	20.07	69.19	2.00	0.00	1.00	0.00
20.08	69.67	2.00	0.00	1.00	0.00	20.09	69.78	2.00	0.00	1.00	0.00
20.10	69.82	2.00	0.00	1.00	0.00	20.11	70.13	2.00	0.00	1.00	0.00
20.12	71.53	2.00	0.00	1.00	0.00	20.13	73.08	2.00	0.00	1.00	0.00
20.14	74.86	2.00	0.00	1.00	0.00	20.15	77.64	2.00	0.00	1.00	0.00
20.16	80.58	2.00	0.00	1.00	0.00	20.17	82.84	2.00	0.00	1.00	0.00
20.18	83.26	2.00	0.00	1.00	0.00	20.19	83.88	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	84.56	2.00	0.00	1.00	0.00	20.21	85.84	2.00	0.00	1.00	0.00
20.22	86.49	2.00	0.00	1.00	0.00						

**Total estimated settlement: 11.91****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**

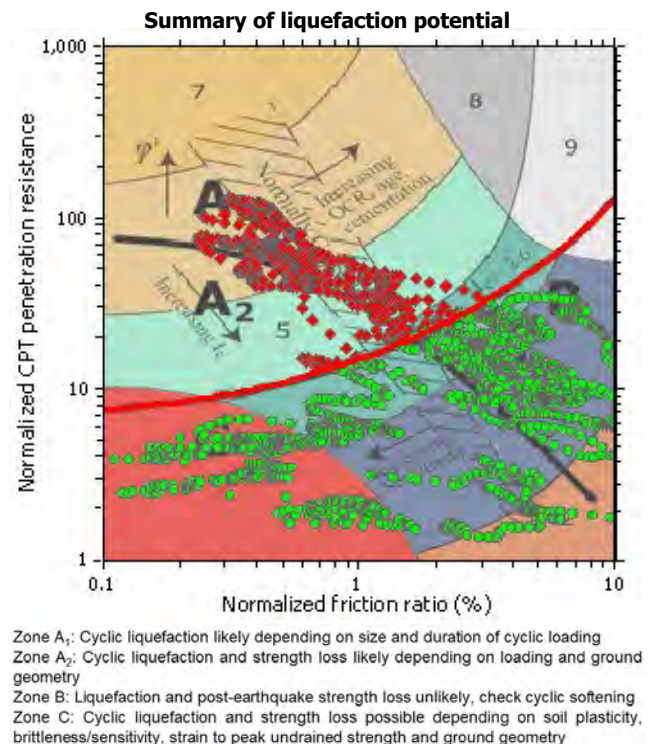
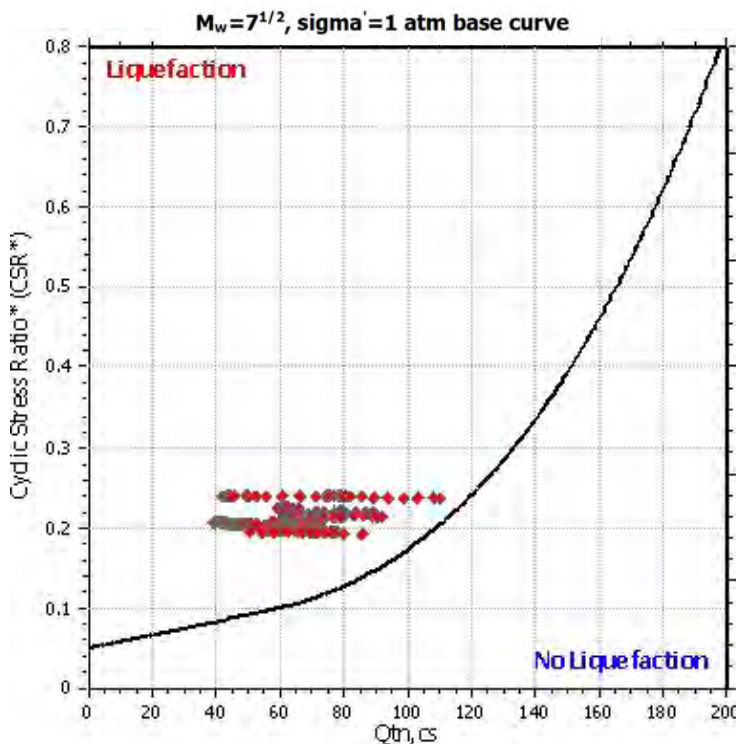
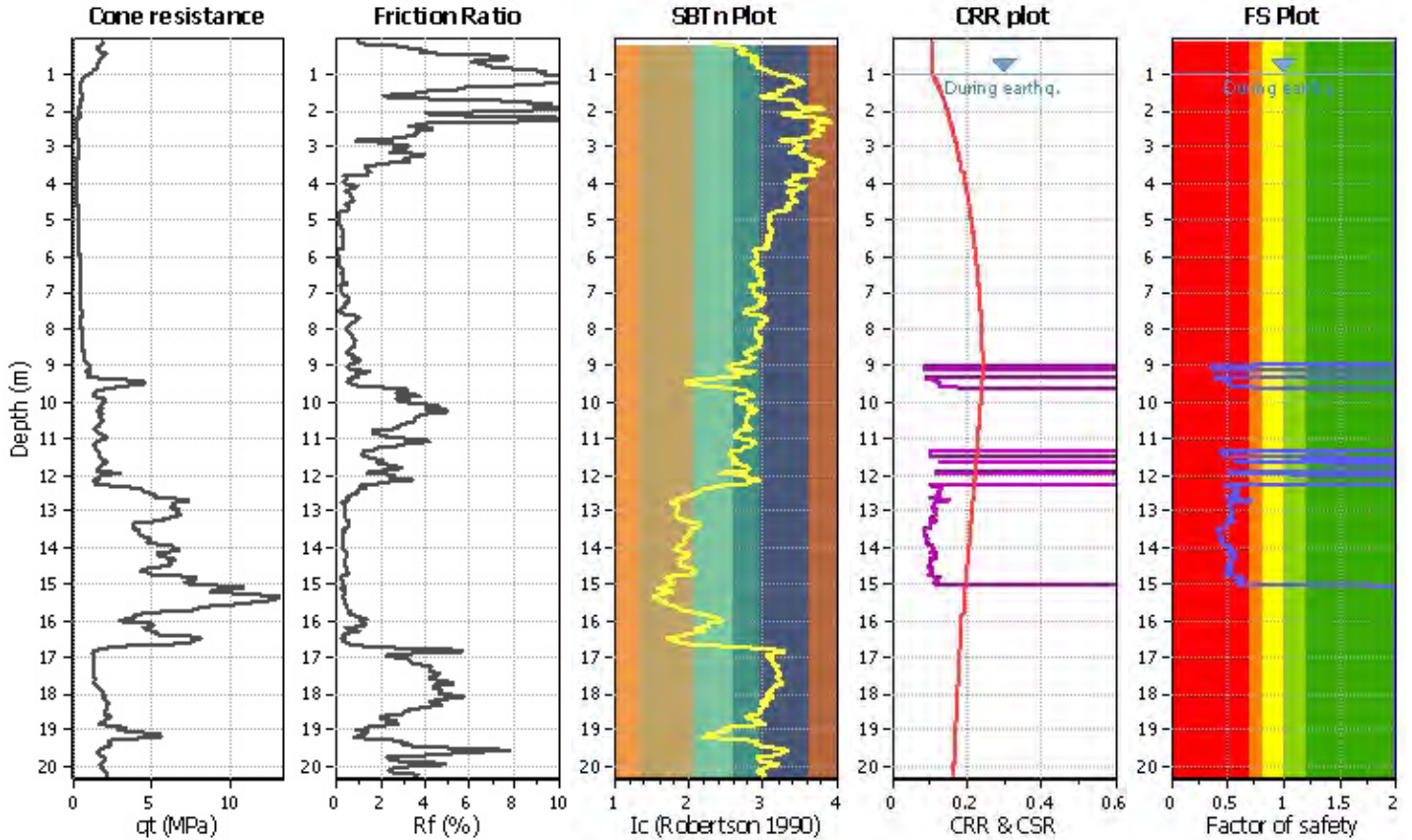
**Project title :**

**Location :**

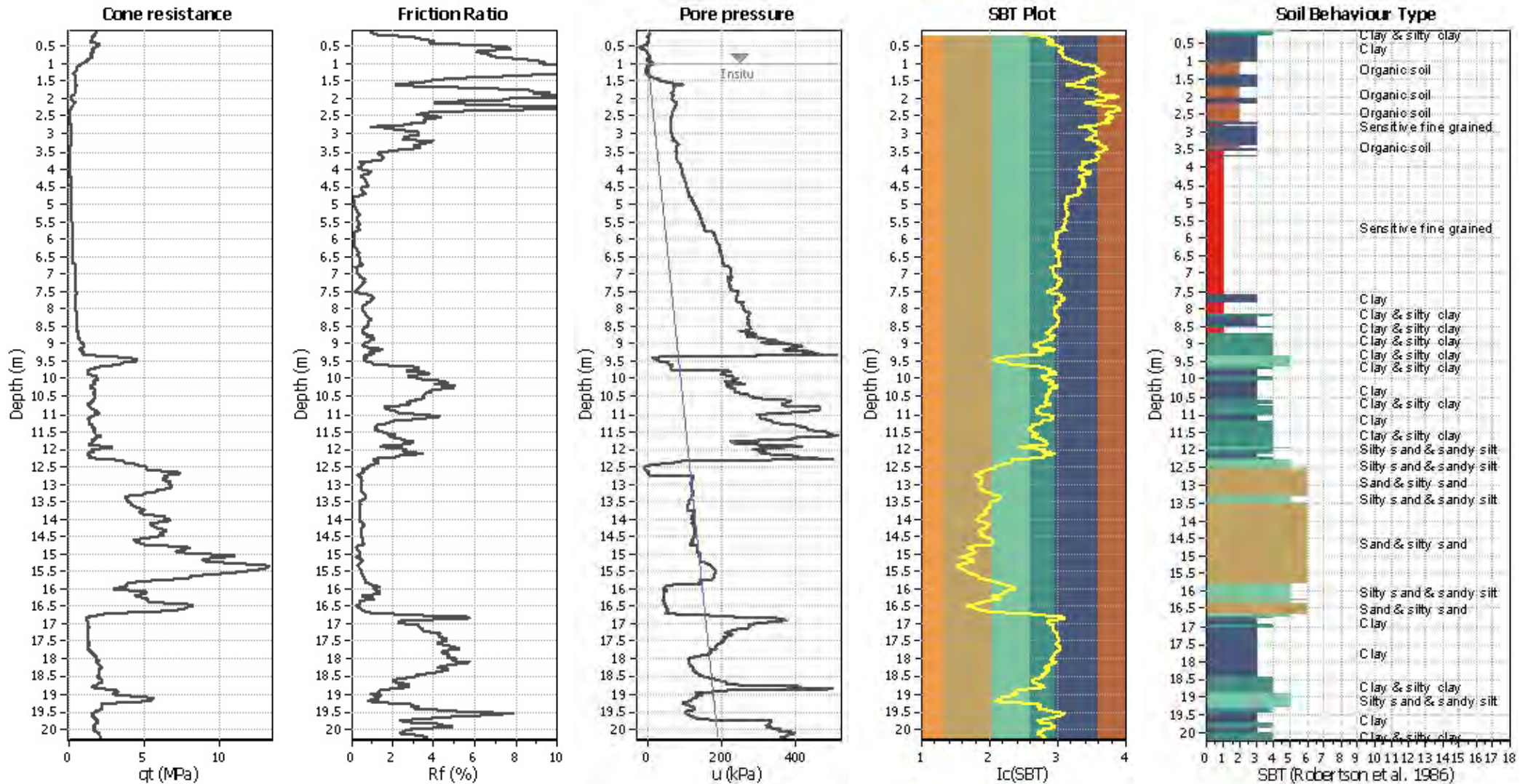
**CPT file : CPTU3 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.00	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



#### Input parameters and analysis data

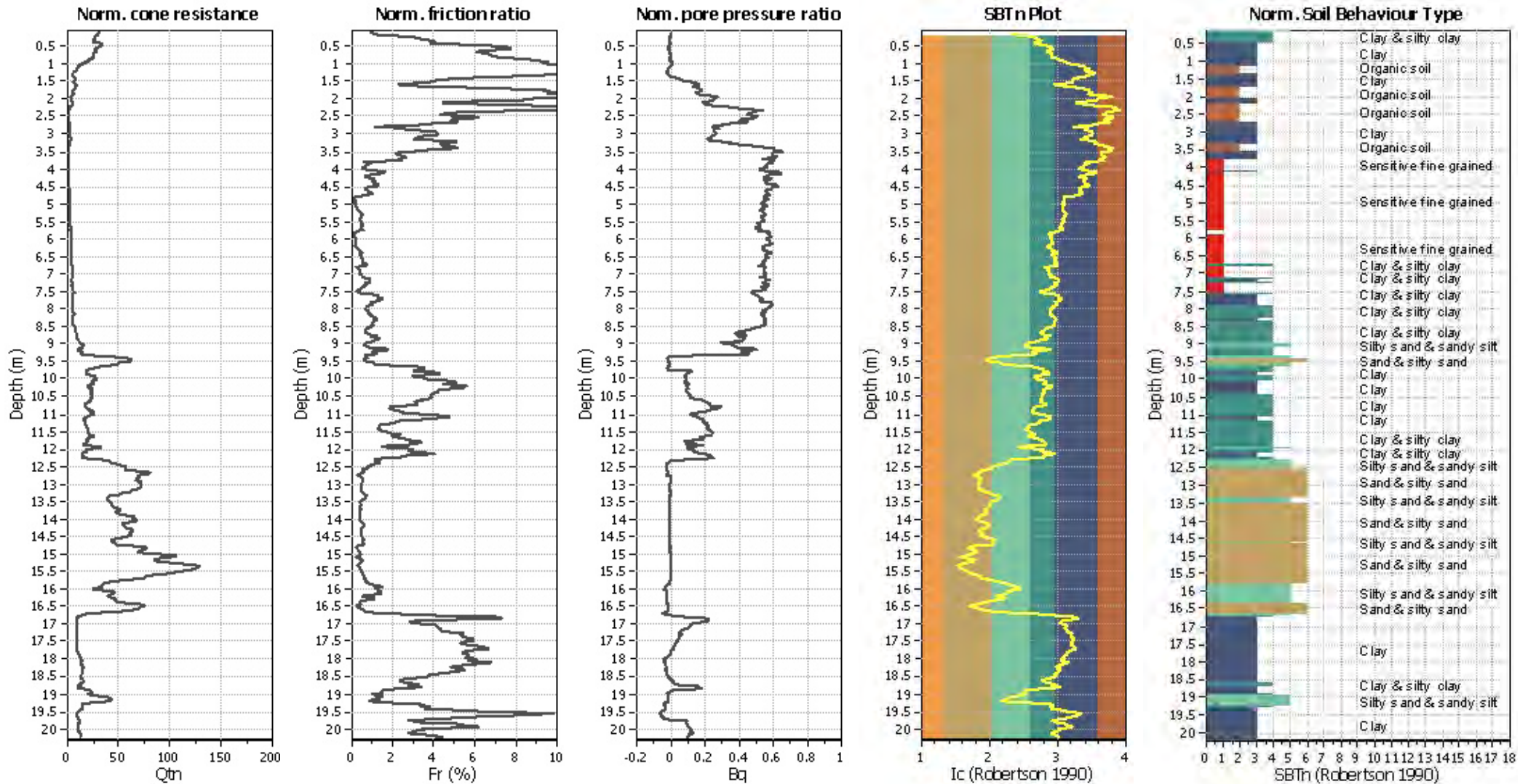
Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



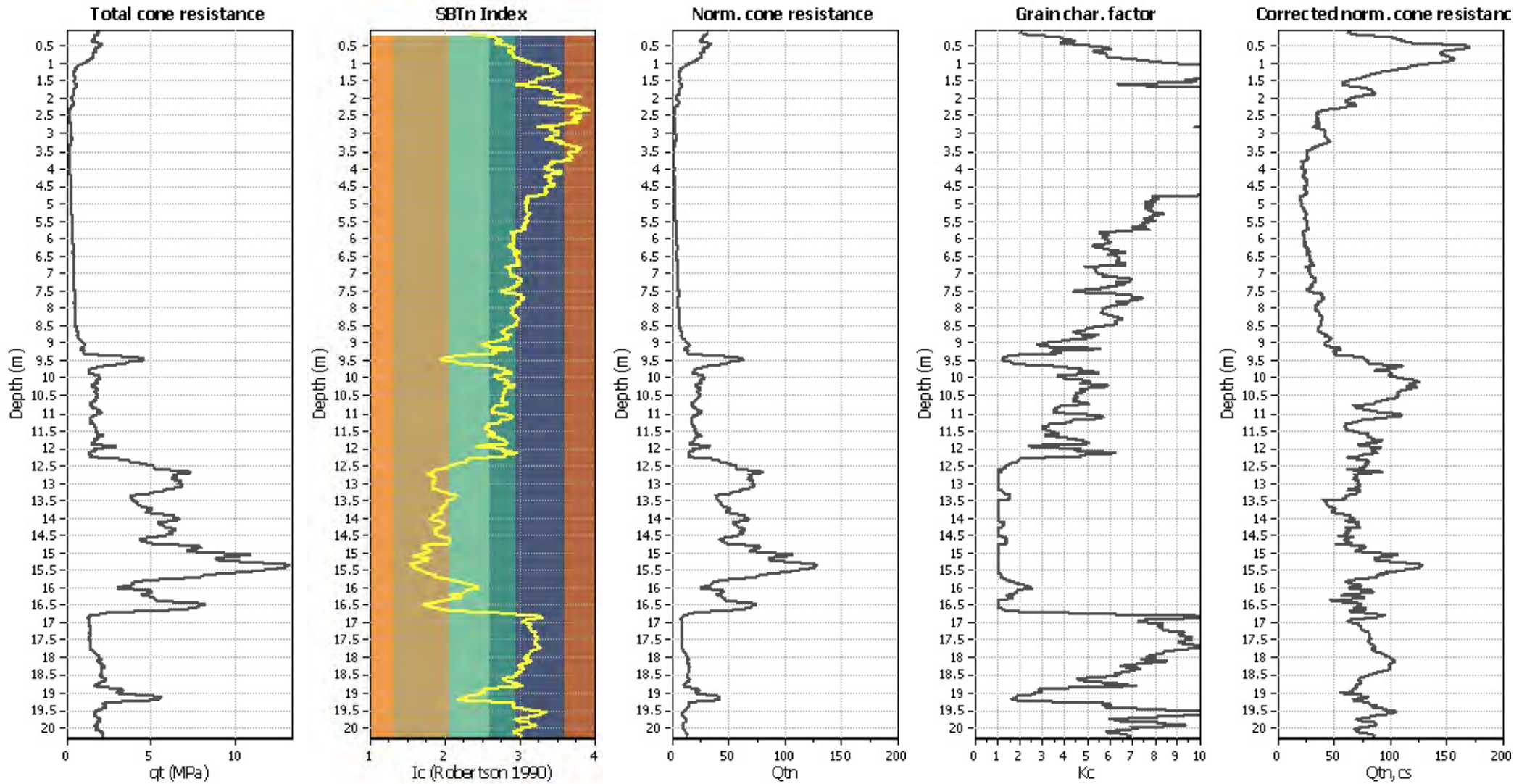
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

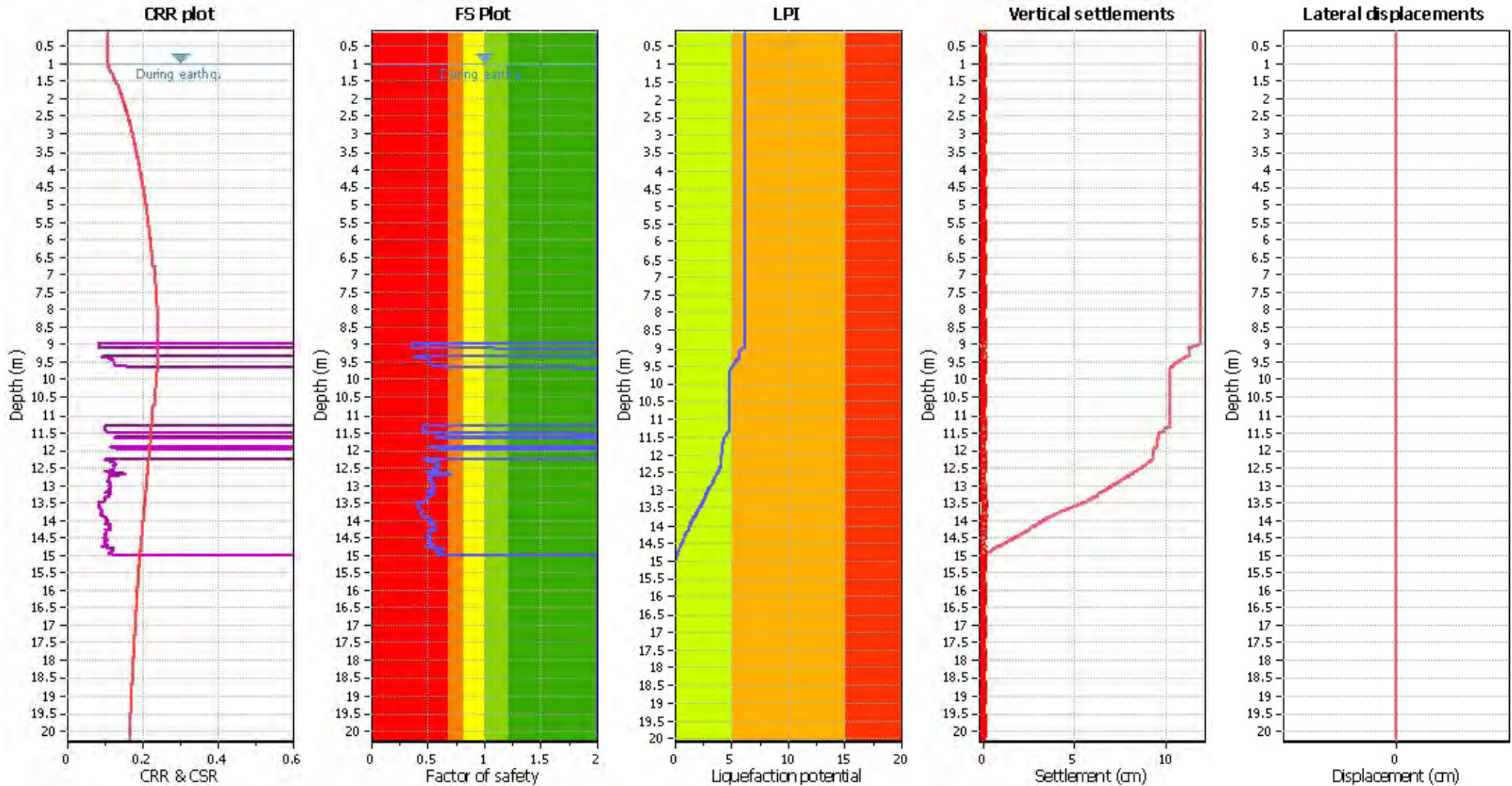
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	$K_{\sigma}$ applied:	Yes
Earthquake magnitude $M_w$ :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

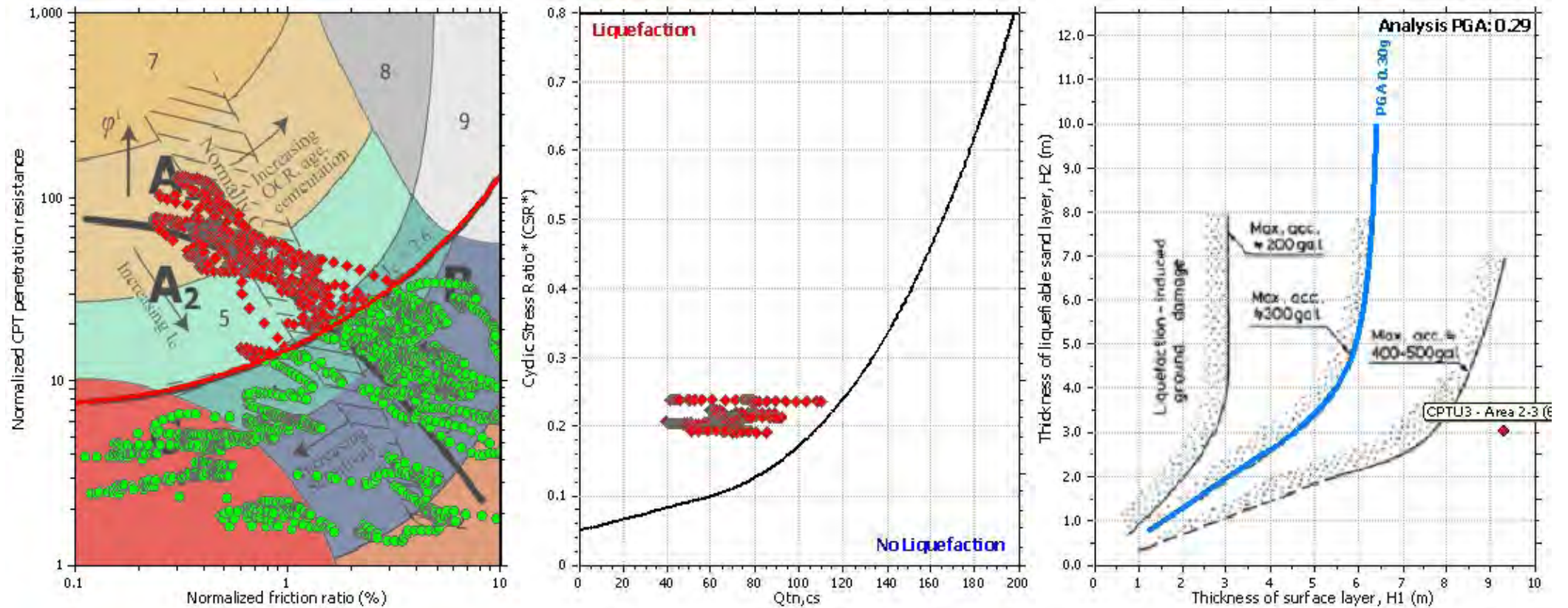
**F.S. color scheme**

- 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

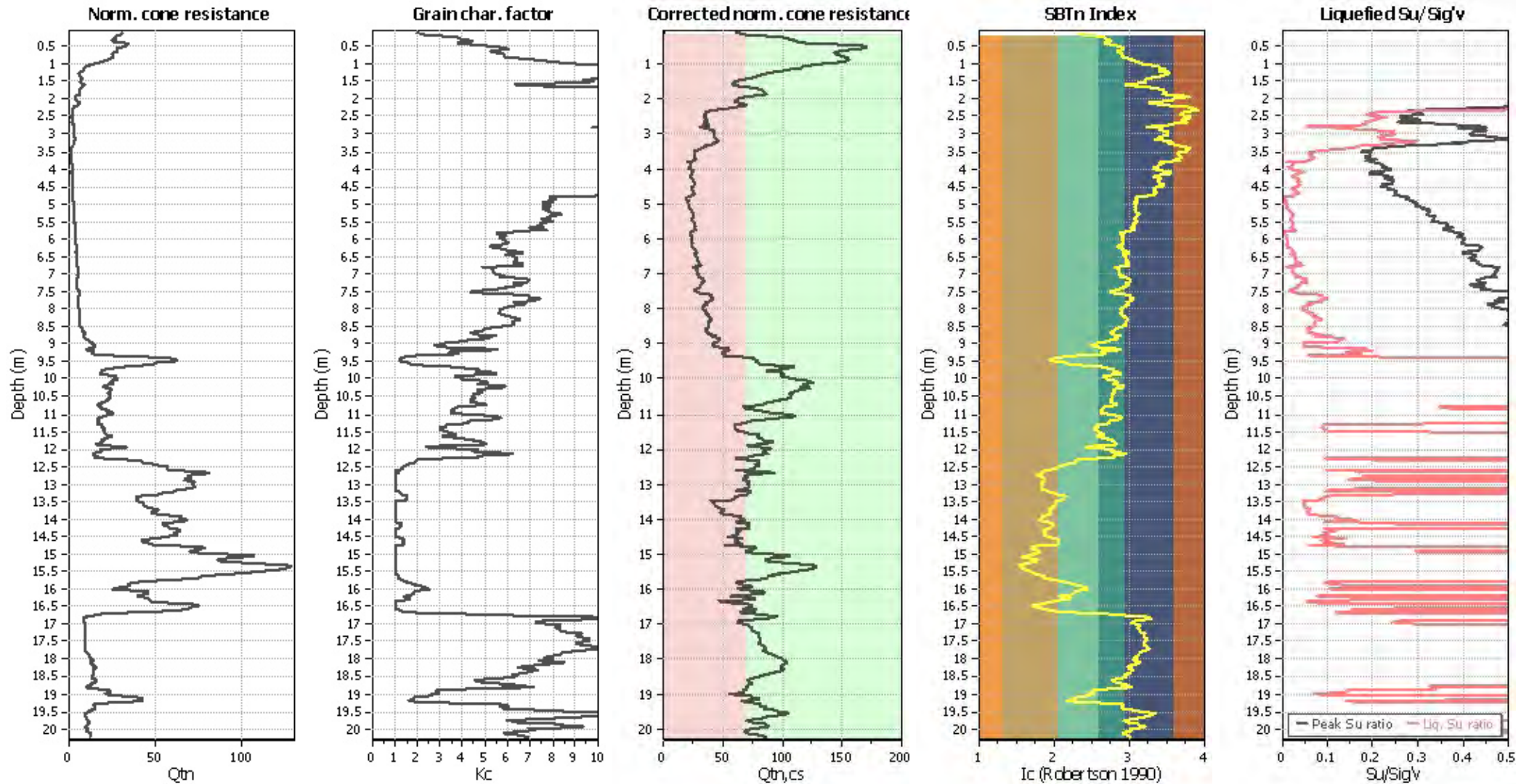
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>o</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.00	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.12	2.00	0.00	9.94	0.01	0.00	0.13	2.00	0.00	9.94	0.01	0.00
0.14	2.00	0.00	9.93	0.01	0.00	0.15	2.00	0.00	9.93	0.01	0.00
0.16	2.00	0.00	9.92	0.01	0.00	0.17	2.00	0.00	9.91	0.01	0.00
0.18	2.00	0.00	9.91	0.01	0.00	0.19	2.00	0.00	9.90	0.01	0.00
0.20	2.00	0.00	9.90	0.01	0.00	0.21	2.00	0.00	9.89	0.01	0.00
0.22	2.00	0.00	9.89	0.01	0.00	0.23	2.00	0.00	9.88	0.01	0.00
0.24	2.00	0.00	9.88	0.01	0.00	0.25	2.00	0.00	9.88	0.01	0.00
0.26	2.00	0.00	9.87	0.01	0.00	0.27	2.00	0.00	9.87	0.01	0.00
0.28	2.00	0.00	9.86	0.01	0.00	0.29	2.00	0.00	9.86	0.01	0.00
0.30	2.00	0.00	9.85	0.01	0.00	0.31	2.00	0.00	9.85	0.01	0.00
0.32	2.00	0.00	9.84	0.01	0.00	0.33	2.00	0.00	9.84	0.01	0.00
0.34	2.00	0.00	9.83	0.01	0.00	0.35	2.00	0.00	9.82	0.01	0.00
0.36	2.00	0.00	9.82	0.01	0.00	0.37	2.00	0.00	9.81	0.01	0.00
0.38	2.00	0.00	9.81	0.01	0.00	0.39	2.00	0.00	9.80	0.01	0.00
0.40	2.00	0.00	9.80	0.01	0.00	0.41	2.00	0.00	9.79	0.01	0.00
0.42	2.00	0.00	9.79	0.01	0.00	0.43	2.00	0.00	9.79	0.01	0.00
0.44	2.00	0.00	9.78	0.01	0.00	0.45	2.00	0.00	9.78	0.01	0.00
0.46	2.00	0.00	9.77	0.01	0.00	0.47	2.00	0.00	9.77	0.01	0.00
0.48	2.00	0.00	9.76	0.01	0.00	0.49	2.00	0.00	9.76	0.01	0.00
0.50	2.00	0.00	9.75	0.01	0.00	0.51	2.00	0.00	9.74	0.01	0.00
0.52	2.00	0.00	9.74	0.01	0.00	0.53	2.00	0.00	9.73	0.01	0.00
0.54	2.00	0.00	9.73	0.01	0.00	0.55	2.00	0.00	9.72	0.01	0.00
0.56	2.00	0.00	9.72	0.01	0.00	0.57	2.00	0.00	9.71	0.01	0.00
0.58	2.00	0.00	9.71	0.01	0.00	0.59	2.00	0.00	9.71	0.01	0.00
0.60	2.00	0.00	9.70	0.01	0.00	0.61	2.00	0.00	9.70	0.01	0.00
0.62	2.00	0.00	9.69	0.01	0.00	0.63	2.00	0.00	9.69	0.01	0.00
0.64	2.00	0.00	9.68	0.01	0.00	0.65	2.00	0.00	9.68	0.01	0.00
0.66	2.00	0.00	9.67	0.01	0.00	0.67	2.00	0.00	9.66	0.01	0.00
0.68	2.00	0.00	9.66	0.01	0.00	0.69	2.00	0.00	9.65	0.01	0.00
0.70	2.00	0.00	9.65	0.01	0.00	0.71	2.00	0.00	9.64	0.01	0.00
0.72	2.00	0.00	9.64	0.01	0.00	0.73	2.00	0.00	9.63	0.01	0.00
0.74	2.00	0.00	9.63	0.01	0.00	0.75	2.00	0.00	9.63	0.01	0.00
0.76	2.00	0.00	9.62	0.01	0.00	0.77	2.00	0.00	9.62	0.01	0.00
0.78	2.00	0.00	9.61	0.01	0.00	0.79	2.00	0.00	9.61	0.01	0.00
0.80	2.00	0.00	9.60	0.01	0.00	0.81	2.00	0.00	9.60	0.01	0.00
0.82	2.00	0.00	9.59	0.01	0.00	0.83	2.00	0.00	9.59	0.01	0.00
0.84	2.00	0.00	9.58	0.01	0.00	0.85	2.00	0.00	9.57	0.01	0.00
0.86	2.00	0.00	9.57	0.01	0.00	0.87	2.00	0.00	9.56	0.01	0.00
0.88	2.00	0.00	9.56	0.01	0.00	0.89	2.00	0.00	9.55	0.01	0.00
0.90	2.00	0.00	9.55	0.01	0.00	0.91	2.00	0.00	9.54	0.01	0.00
0.92	2.00	0.00	9.54	0.01	0.00	0.93	2.00	0.00	9.54	0.01	0.00
0.94	2.00	0.00	9.53	0.01	0.00	0.95	2.00	0.00	9.53	0.01	0.00
0.96	2.00	0.00	9.52	0.01	0.00	0.97	2.00	0.00	9.52	0.01	0.00
0.98	2.00	0.00	9.51	0.01	0.00	0.99	2.00	0.00	9.51	0.01	0.00
1.00	2.00	0.00	9.50	0.01	0.00	1.01	2.00	0.00	9.49	0.01	0.00
1.02	2.00	0.00	9.49	0.01	0.00	1.03	2.00	0.00	9.48	0.01	0.00
1.04	2.00	0.00	9.48	0.01	0.00	1.05	2.00	0.00	9.47	0.01	0.00
1.06	2.00	0.00	9.47	0.01	0.00	1.07	2.00	0.00	9.46	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.08	2.00	0.00	9.46	0.01	0.00	1.09	2.00	0.00	9.46	0.01	0.00
1.10	2.00	0.00	9.45	0.01	0.00	1.11	2.00	0.00	9.45	0.01	0.00
1.12	2.00	0.00	9.44	0.01	0.00	1.13	2.00	0.00	9.44	0.01	0.00
1.14	2.00	0.00	9.43	0.01	0.00	1.15	2.00	0.00	9.43	0.01	0.00
1.16	2.00	0.00	9.42	0.01	0.00	1.17	2.00	0.00	9.41	0.01	0.00
1.18	2.00	0.00	9.41	0.01	0.00	1.19	2.00	0.00	9.40	0.01	0.00
1.20	2.00	0.00	9.40	0.01	0.00	1.21	2.00	0.00	9.39	0.01	0.00
1.22	2.00	0.00	9.39	0.01	0.00	1.23	2.00	0.00	9.38	0.01	0.00
1.24	2.00	0.00	9.38	0.01	0.00	1.25	2.00	0.00	9.38	0.01	0.00
1.26	2.00	0.00	9.37	0.01	0.00	1.27	2.00	0.00	9.37	0.01	0.00
1.28	2.00	0.00	9.36	0.01	0.00	1.29	2.00	0.00	9.36	0.01	0.00
1.30	2.00	0.00	9.35	0.01	0.00	1.31	2.00	0.00	9.35	0.01	0.00
1.32	2.00	0.00	9.34	0.01	0.00	1.33	2.00	0.00	9.34	0.01	0.00
1.34	2.00	0.00	9.33	0.01	0.00	1.35	2.00	0.00	9.32	0.01	0.00
1.36	2.00	0.00	9.32	0.01	0.00	1.37	2.00	0.00	9.31	0.01	0.00
1.38	2.00	0.00	9.31	0.01	0.00	1.39	2.00	0.00	9.30	0.01	0.00
1.40	2.00	0.00	9.30	0.01	0.00	1.41	2.00	0.00	9.29	0.01	0.00
1.42	2.00	0.00	9.29	0.01	0.00	1.43	2.00	0.00	9.29	0.01	0.00
1.44	2.00	0.00	9.28	0.01	0.00	1.45	2.00	0.00	9.28	0.01	0.00
1.46	2.00	0.00	9.27	0.01	0.00	1.47	2.00	0.00	9.27	0.01	0.00
1.48	2.00	0.00	9.26	0.01	0.00	1.49	2.00	0.00	9.26	0.01	0.00
1.50	2.00	0.00	9.25	0.01	0.00	1.51	2.00	0.00	9.24	0.01	0.00
1.52	2.00	0.00	9.24	0.01	0.00	1.53	2.00	0.00	9.23	0.01	0.00
1.54	2.00	0.00	9.23	0.01	0.00	1.55	2.00	0.00	9.22	0.01	0.00
1.56	2.00	0.00	9.22	0.01	0.00	1.57	2.00	0.00	9.21	0.01	0.00
1.58	2.00	0.00	9.21	0.01	0.00	1.59	2.00	0.00	9.21	0.01	0.00
1.60	2.00	0.00	9.20	0.01	0.00	1.61	2.00	0.00	9.20	0.01	0.00
1.62	2.00	0.00	9.19	0.01	0.00	1.63	2.00	0.00	9.19	0.01	0.00
1.64	2.00	0.00	9.18	0.01	0.00	1.65	2.00	0.00	9.18	0.01	0.00
1.66	2.00	0.00	9.17	0.01	0.00	1.67	2.00	0.00	9.16	0.01	0.00
1.68	2.00	0.00	9.16	0.01	0.00	1.69	2.00	0.00	9.15	0.01	0.00
1.70	2.00	0.00	9.15	0.01	0.00	1.71	2.00	0.00	9.14	0.01	0.00
1.72	2.00	0.00	9.14	0.01	0.00	1.73	2.00	0.00	9.13	0.01	0.00
1.74	2.00	0.00	9.13	0.01	0.00	1.75	2.00	0.00	9.13	0.01	0.00
1.76	2.00	0.00	9.12	0.01	0.00	1.77	2.00	0.00	9.12	0.01	0.00
1.78	2.00	0.00	9.11	0.01	0.00	1.79	2.00	0.00	9.11	0.01	0.00
1.80	2.00	0.00	9.10	0.01	0.00	1.81	2.00	0.00	9.10	0.01	0.00
1.82	2.00	0.00	9.09	0.01	0.00	1.83	2.00	0.00	9.09	0.01	0.00
1.84	2.00	0.00	9.08	0.01	0.00	1.85	2.00	0.00	9.07	0.01	0.00
1.86	2.00	0.00	9.07	0.01	0.00	1.87	2.00	0.00	9.06	0.01	0.00
1.88	2.00	0.00	9.06	0.01	0.00	1.89	2.00	0.00	9.05	0.01	0.00
1.90	2.00	0.00	9.05	0.01	0.00	1.91	2.00	0.00	9.04	0.01	0.00
1.92	2.00	0.00	9.04	0.01	0.00	1.93	2.00	0.00	9.04	0.01	0.00
1.94	2.00	0.00	9.03	0.01	0.00	1.95	2.00	0.00	9.03	0.01	0.00
1.96	2.00	0.00	9.02	0.01	0.00	1.97	2.00	0.00	9.02	0.01	0.00
1.98	2.00	0.00	9.01	0.01	0.00	1.99	2.00	0.00	9.01	0.01	0.00
2.00	2.00	0.00	9.00	0.01	0.00	2.01	2.00	0.00	8.99	0.01	0.00
2.02	2.00	0.00	8.99	0.01	0.00	2.03	2.00	0.00	8.98	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.04	2.00	0.00	8.98	0.01	0.00	2.05	2.00	0.00	8.97	0.01	0.00
2.06	2.00	0.00	8.97	0.01	0.00	2.07	2.00	0.00	8.96	0.01	0.00
2.08	2.00	0.00	8.96	0.01	0.00	2.09	2.00	0.00	8.96	0.01	0.00
2.10	2.00	0.00	8.95	0.01	0.00	2.11	2.00	0.00	8.95	0.01	0.00
2.12	2.00	0.00	8.94	0.01	0.00	2.13	2.00	0.00	8.94	0.01	0.00
2.14	2.00	0.00	8.93	0.01	0.00	2.15	2.00	0.00	8.93	0.01	0.00
2.16	2.00	0.00	8.92	0.01	0.00	2.17	2.00	0.00	8.91	0.01	0.00
2.18	2.00	0.00	8.91	0.01	0.00	2.19	2.00	0.00	8.90	0.01	0.00
2.20	2.00	0.00	8.90	0.01	0.00	2.21	2.00	0.00	8.89	0.01	0.00
2.22	2.00	0.00	8.89	0.01	0.00	2.23	2.00	0.00	8.88	0.01	0.00
2.24	2.00	0.00	8.88	0.01	0.00	2.25	2.00	0.00	8.88	0.01	0.00
2.26	2.00	0.00	8.87	0.01	0.00	2.27	2.00	0.00	8.87	0.01	0.00
2.28	2.00	0.00	8.86	0.01	0.00	2.29	2.00	0.00	8.86	0.01	0.00
2.30	2.00	0.00	8.85	0.01	0.00	2.31	2.00	0.00	8.85	0.01	0.00
2.32	2.00	0.00	8.84	0.01	0.00	2.33	2.00	0.00	8.84	0.01	0.00
2.34	2.00	0.00	8.83	0.01	0.00	2.35	2.00	0.00	8.82	0.01	0.00
2.36	2.00	0.00	8.82	0.01	0.00	2.37	2.00	0.00	8.81	0.01	0.00
2.38	2.00	0.00	8.81	0.01	0.00	2.39	2.00	0.00	8.80	0.01	0.00
2.40	2.00	0.00	8.80	0.01	0.00	2.41	2.00	0.00	8.79	0.01	0.00
2.42	2.00	0.00	8.79	0.01	0.00	2.43	2.00	0.00	8.79	0.01	0.00
2.44	2.00	0.00	8.78	0.01	0.00	2.45	2.00	0.00	8.78	0.01	0.00
2.46	2.00	0.00	8.77	0.01	0.00	2.47	2.00	0.00	8.77	0.01	0.00
2.48	2.00	0.00	8.76	0.01	0.00	2.49	2.00	0.00	8.76	0.01	0.00
2.50	2.00	0.00	8.75	0.01	0.00	2.51	2.00	0.00	8.74	0.01	0.00
2.52	2.00	0.00	8.74	0.01	0.00	2.53	2.00	0.00	8.73	0.01	0.00
2.54	2.00	0.00	8.73	0.01	0.00	2.55	2.00	0.00	8.72	0.01	0.00
2.56	2.00	0.00	8.72	0.01	0.00	2.57	2.00	0.00	8.71	0.01	0.00
2.58	2.00	0.00	8.71	0.01	0.00	2.59	2.00	0.00	8.71	0.01	0.00
2.60	2.00	0.00	8.70	0.01	0.00	2.61	2.00	0.00	8.70	0.01	0.00
2.62	2.00	0.00	8.69	0.01	0.00	2.63	2.00	0.00	8.69	0.01	0.00
2.64	2.00	0.00	8.68	0.01	0.00	2.65	2.00	0.00	8.68	0.01	0.00
2.66	2.00	0.00	8.67	0.01	0.00	2.67	2.00	0.00	8.66	0.01	0.00
2.68	2.00	0.00	8.66	0.01	0.00	2.69	2.00	0.00	8.65	0.01	0.00
2.70	2.00	0.00	8.65	0.01	0.00	2.71	2.00	0.00	8.64	0.01	0.00
2.72	2.00	0.00	8.64	0.01	0.00	2.73	2.00	0.00	8.63	0.01	0.00
2.74	2.00	0.00	8.63	0.01	0.00	2.75	2.00	0.00	8.63	0.01	0.00
2.76	2.00	0.00	8.62	0.01	0.00	2.77	2.00	0.00	8.62	0.01	0.00
2.78	2.00	0.00	8.61	0.01	0.00	2.79	2.00	0.00	8.61	0.01	0.00
2.80	2.00	0.00	8.60	0.01	0.00	2.81	2.00	0.00	8.60	0.01	0.00
2.82	2.00	0.00	8.59	0.01	0.00	2.83	2.00	0.00	8.59	0.01	0.00
2.84	2.00	0.00	8.58	0.01	0.00	2.85	2.00	0.00	8.57	0.01	0.00
2.86	2.00	0.00	8.57	0.01	0.00	2.87	2.00	0.00	8.56	0.01	0.00
2.88	2.00	0.00	8.56	0.01	0.00	2.89	2.00	0.00	8.55	0.01	0.00
2.90	2.00	0.00	8.55	0.01	0.00	2.91	2.00	0.00	8.54	0.01	0.00
2.92	2.00	0.00	8.54	0.01	0.00	2.93	2.00	0.00	8.54	0.01	0.00
2.94	2.00	0.00	8.53	0.01	0.00	2.95	2.00	0.00	8.53	0.01	0.00
2.96	2.00	0.00	8.52	0.01	0.00	2.97	2.00	0.00	8.52	0.01	0.00
2.98	2.00	0.00	8.51	0.01	0.00	2.99	2.00	0.00	8.51	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.00	2.00	0.00	8.50	0.01	0.00	3.01	2.00	0.00	8.49	0.01	0.00
3.02	2.00	0.00	8.49	0.01	0.00	3.03	2.00	0.00	8.48	0.01	0.00
3.04	2.00	0.00	8.48	0.01	0.00	3.05	2.00	0.00	8.47	0.01	0.00
3.06	2.00	0.00	8.47	0.01	0.00	3.07	2.00	0.00	8.46	0.01	0.00
3.08	2.00	0.00	8.46	0.01	0.00	3.09	2.00	0.00	8.46	0.01	0.00
3.10	2.00	0.00	8.45	0.01	0.00	3.11	2.00	0.00	8.45	0.01	0.00
3.12	2.00	0.00	8.44	0.01	0.00	3.13	2.00	0.00	8.44	0.01	0.00
3.14	2.00	0.00	8.43	0.01	0.00	3.15	2.00	0.00	8.43	0.01	0.00
3.16	2.00	0.00	8.42	0.01	0.00	3.17	2.00	0.00	8.41	0.01	0.00
3.18	2.00	0.00	8.41	0.01	0.00	3.19	2.00	0.00	8.40	0.01	0.00
3.20	2.00	0.00	8.40	0.01	0.00	3.21	2.00	0.00	8.39	0.01	0.00
3.22	2.00	0.00	8.39	0.01	0.00	3.23	2.00	0.00	8.38	0.01	0.00
3.24	2.00	0.00	8.38	0.01	0.00	3.25	2.00	0.00	8.38	0.01	0.00
3.26	2.00	0.00	8.37	0.01	0.00	3.27	2.00	0.00	8.37	0.01	0.00
3.28	2.00	0.00	8.36	0.01	0.00	3.29	2.00	0.00	8.36	0.01	0.00
3.30	2.00	0.00	8.35	0.01	0.00	3.31	2.00	0.00	8.35	0.01	0.00
3.32	2.00	0.00	8.34	0.01	0.00	3.33	2.00	0.00	8.34	0.01	0.00
3.34	2.00	0.00	8.33	0.01	0.00	3.35	2.00	0.00	8.32	0.01	0.00
3.36	2.00	0.00	8.32	0.01	0.00	3.37	2.00	0.00	8.31	0.01	0.00
3.38	2.00	0.00	8.31	0.01	0.00	3.39	2.00	0.00	8.30	0.01	0.00
3.40	2.00	0.00	8.30	0.01	0.00	3.41	2.00	0.00	8.29	0.01	0.00
3.42	2.00	0.00	8.29	0.01	0.00	3.43	2.00	0.00	8.29	0.01	0.00
3.44	2.00	0.00	8.28	0.01	0.00	3.45	2.00	0.00	8.28	0.01	0.00
3.46	2.00	0.00	8.27	0.01	0.00	3.47	2.00	0.00	8.27	0.01	0.00
3.48	2.00	0.00	8.26	0.01	0.00	3.49	2.00	0.00	8.26	0.01	0.00
3.50	2.00	0.00	8.25	0.01	0.00	3.51	2.00	0.00	8.24	0.01	0.00
3.52	2.00	0.00	8.24	0.01	0.00	3.53	2.00	0.00	8.23	0.01	0.00
3.54	2.00	0.00	8.23	0.01	0.00	3.55	2.00	0.00	8.22	0.01	0.00
3.56	2.00	0.00	8.22	0.01	0.00	3.57	2.00	0.00	8.21	0.01	0.00
3.58	2.00	0.00	8.21	0.01	0.00	3.59	2.00	0.00	8.21	0.01	0.00
3.60	2.00	0.00	8.20	0.01	0.00	3.61	2.00	0.00	8.20	0.01	0.00
3.62	2.00	0.00	8.19	0.01	0.00	3.63	2.00	0.00	8.19	0.01	0.00
3.64	2.00	0.00	8.18	0.01	0.00	3.65	2.00	0.00	8.18	0.01	0.00
3.66	2.00	0.00	8.17	0.01	0.00	3.67	2.00	0.00	8.16	0.01	0.00
3.68	2.00	0.00	8.16	0.01	0.00	3.69	2.00	0.00	8.15	0.01	0.00
3.70	2.00	0.00	8.15	0.01	0.00	3.71	2.00	0.00	8.14	0.01	0.00
3.72	2.00	0.00	8.14	0.01	0.00	3.73	2.00	0.00	8.13	0.01	0.00
3.74	2.00	0.00	8.13	0.01	0.00	3.75	2.00	0.00	8.13	0.01	0.00
3.76	2.00	0.00	8.12	0.01	0.00	3.77	2.00	0.00	8.12	0.01	0.00
3.78	2.00	0.00	8.11	0.01	0.00	3.79	2.00	0.00	8.11	0.01	0.00
3.80	2.00	0.00	8.10	0.01	0.00	3.81	2.00	0.00	8.10	0.01	0.00
3.82	2.00	0.00	8.09	0.01	0.00	3.83	2.00	0.00	8.09	0.01	0.00
3.84	2.00	0.00	8.08	0.01	0.00	3.85	2.00	0.00	8.07	0.01	0.00
3.86	2.00	0.00	8.07	0.01	0.00	3.87	2.00	0.00	8.06	0.01	0.00
3.88	2.00	0.00	8.06	0.01	0.00	3.89	2.00	0.00	8.05	0.01	0.00
3.90	2.00	0.00	8.05	0.01	0.00	3.91	2.00	0.00	8.04	0.01	0.00
3.92	2.00	0.00	8.04	0.01	0.00	3.93	2.00	0.00	8.04	0.01	0.00
3.94	2.00	0.00	8.03	0.01	0.00	3.95	2.00	0.00	8.03	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.96	2.00	0.00	8.02	0.01	0.00	3.97	2.00	0.00	8.02	0.01	0.00
3.98	2.00	0.00	8.01	0.01	0.00	3.99	2.00	0.00	8.01	0.01	0.00
4.00	2.00	0.00	8.00	0.01	0.00	4.01	2.00	0.00	8.00	0.01	0.00
4.02	2.00	0.00	7.99	0.01	0.00	4.03	2.00	0.00	7.99	0.01	0.00
4.04	2.00	0.00	7.98	0.01	0.00	4.05	2.00	0.00	7.97	0.01	0.00
4.06	2.00	0.00	7.97	0.01	0.00	4.07	2.00	0.00	7.96	0.01	0.00
4.08	2.00	0.00	7.96	0.01	0.00	4.09	2.00	0.00	7.96	0.01	0.00
4.10	2.00	0.00	7.95	0.01	0.00	4.11	2.00	0.00	7.95	0.01	0.00
4.12	2.00	0.00	7.94	0.01	0.00	4.13	2.00	0.00	7.93	0.01	0.00
4.14	2.00	0.00	7.93	0.01	0.00	4.15	2.00	0.00	7.92	0.01	0.00
4.16	2.00	0.00	7.92	0.01	0.00	4.17	2.00	0.00	7.92	0.01	0.00
4.18	2.00	0.00	7.91	0.01	0.00	4.19	2.00	0.00	7.91	0.01	0.00
4.20	2.00	0.00	7.90	0.01	0.00	4.21	2.00	0.00	7.89	0.01	0.00
4.22	2.00	0.00	7.89	0.01	0.00	4.23	2.00	0.00	7.88	0.01	0.00
4.24	2.00	0.00	7.88	0.01	0.00	4.25	2.00	0.00	7.88	0.01	0.00
4.26	2.00	0.00	7.87	0.01	0.00	4.27	2.00	0.00	7.87	0.01	0.00
4.28	2.00	0.00	7.86	0.01	0.00	4.29	2.00	0.00	7.86	0.01	0.00
4.30	2.00	0.00	7.85	0.01	0.00	4.31	2.00	0.00	7.84	0.01	0.00
4.32	2.00	0.00	7.84	0.01	0.00	4.33	2.00	0.00	7.83	0.01	0.00
4.34	2.00	0.00	7.83	0.01	0.00	4.35	2.00	0.00	7.83	0.01	0.00
4.36	2.00	0.00	7.82	0.01	0.00	4.37	2.00	0.00	7.82	0.01	0.00
4.38	2.00	0.00	7.81	0.01	0.00	4.39	2.00	0.00	7.80	0.01	0.00
4.40	2.00	0.00	7.80	0.01	0.00	4.41	2.00	0.00	7.79	0.01	0.00
4.42	2.00	0.00	7.79	0.01	0.00	4.43	2.00	0.00	7.79	0.01	0.00
4.44	2.00	0.00	7.78	0.01	0.00	4.45	2.00	0.00	7.78	0.01	0.00
4.46	2.00	0.00	7.77	0.01	0.00	4.47	2.00	0.00	7.76	0.01	0.00
4.48	2.00	0.00	7.76	0.01	0.00	4.49	2.00	0.00	7.75	0.01	0.00
4.50	2.00	0.00	7.75	0.01	0.00	4.51	2.00	0.00	7.75	0.01	0.00
4.52	2.00	0.00	7.74	0.01	0.00	4.53	2.00	0.00	7.74	0.01	0.00
4.54	2.00	0.00	7.73	0.01	0.00	4.55	2.00	0.00	7.72	0.01	0.00
4.56	2.00	0.00	7.72	0.01	0.00	4.57	2.00	0.00	7.71	0.01	0.00
4.58	2.00	0.00	7.71	0.01	0.00	4.59	2.00	0.00	7.71	0.01	0.00
4.60	2.00	0.00	7.70	0.01	0.00	4.61	2.00	0.00	7.70	0.01	0.00
4.62	2.00	0.00	7.69	0.01	0.00	4.63	2.00	0.00	7.68	0.01	0.00
4.64	2.00	0.00	7.68	0.01	0.00	4.65	2.00	0.00	7.67	0.01	0.00
4.66	2.00	0.00	7.67	0.01	0.00	4.67	2.00	0.00	7.67	0.01	0.00
4.68	2.00	0.00	7.66	0.01	0.00	4.69	2.00	0.00	7.66	0.01	0.00
4.70	2.00	0.00	7.65	0.01	0.00	4.71	2.00	0.00	7.64	0.01	0.00
4.72	2.00	0.00	7.64	0.01	0.00	4.73	2.00	0.00	7.63	0.01	0.00
4.74	2.00	0.00	7.63	0.01	0.00	4.75	2.00	0.00	7.63	0.01	0.00
4.76	2.00	0.00	7.62	0.01	0.00	4.77	2.00	0.00	7.62	0.01	0.00
4.78	2.00	0.00	7.61	0.01	0.00	4.79	2.00	0.00	7.61	0.01	0.00
4.80	2.00	0.00	7.60	0.01	0.00	4.81	2.00	0.00	7.59	0.01	0.00
4.82	2.00	0.00	7.59	0.01	0.00	4.83	2.00	0.00	7.58	0.01	0.00
4.84	2.00	0.00	7.58	0.01	0.00	4.85	2.00	0.00	7.58	0.01	0.00
4.86	2.00	0.00	7.57	0.01	0.00	4.87	2.00	0.00	7.57	0.01	0.00
4.88	2.00	0.00	7.56	0.01	0.00	4.89	2.00	0.00	7.55	0.01	0.00
4.90	2.00	0.00	7.55	0.01	0.00	4.91	2.00	0.00	7.54	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.92	2.00	0.00	7.54	0.01	0.00	4.93	2.00	0.00	7.54	0.01	0.00
4.94	2.00	0.00	7.53	0.01	0.00	4.95	2.00	0.00	7.53	0.01	0.00
4.96	2.00	0.00	7.52	0.01	0.00	4.97	2.00	0.00	7.51	0.01	0.00
4.98	2.00	0.00	7.51	0.01	0.00	4.99	2.00	0.00	7.50	0.01	0.00
5.00	2.00	0.00	7.50	0.01	0.00	5.01	2.00	0.00	7.50	0.01	0.00
5.02	2.00	0.00	7.49	0.01	0.00	5.03	2.00	0.00	7.49	0.01	0.00
5.04	2.00	0.00	7.48	0.01	0.00	5.05	2.00	0.00	7.47	0.01	0.00
5.06	2.00	0.00	7.47	0.01	0.00	5.07	2.00	0.00	7.46	0.01	0.00
5.08	2.00	0.00	7.46	0.01	0.00	5.09	2.00	0.00	7.46	0.01	0.00
5.10	2.00	0.00	7.45	0.01	0.00	5.11	2.00	0.00	7.45	0.01	0.00
5.12	2.00	0.00	7.44	0.01	0.00	5.13	2.00	0.00	7.43	0.01	0.00
5.14	2.00	0.00	7.43	0.01	0.00	5.15	2.00	0.00	7.42	0.01	0.00
5.16	2.00	0.00	7.42	0.01	0.00	5.17	2.00	0.00	7.42	0.01	0.00
5.18	2.00	0.00	7.41	0.01	0.00	5.19	2.00	0.00	7.41	0.01	0.00
5.20	2.00	0.00	7.40	0.01	0.00	5.21	2.00	0.00	7.39	0.01	0.00
5.22	2.00	0.00	7.39	0.01	0.00	5.23	2.00	0.00	7.38	0.01	0.00
5.24	2.00	0.00	7.38	0.01	0.00	5.25	2.00	0.00	7.38	0.01	0.00
5.26	2.00	0.00	7.37	0.01	0.00	5.27	2.00	0.00	7.37	0.01	0.00
5.28	2.00	0.00	7.36	0.01	0.00	5.29	2.00	0.00	7.36	0.01	0.00
5.30	2.00	0.00	7.35	0.01	0.00	5.31	2.00	0.00	7.34	0.01	0.00
5.32	2.00	0.00	7.34	0.01	0.00	5.33	2.00	0.00	7.33	0.01	0.00
5.34	2.00	0.00	7.33	0.01	0.00	5.35	2.00	0.00	7.33	0.01	0.00
5.36	2.00	0.00	7.32	0.01	0.00	5.37	2.00	0.00	7.32	0.01	0.00
5.38	2.00	0.00	7.31	0.01	0.00	5.39	2.00	0.00	7.30	0.01	0.00
5.40	2.00	0.00	7.30	0.01	0.00	5.41	2.00	0.00	7.29	0.01	0.00
5.42	2.00	0.00	7.29	0.01	0.00	5.43	2.00	0.00	7.29	0.01	0.00
5.44	2.00	0.00	7.28	0.01	0.00	5.45	2.00	0.00	7.28	0.01	0.00
5.46	2.00	0.00	7.27	0.01	0.00	5.47	2.00	0.00	7.26	0.01	0.00
5.48	2.00	0.00	7.26	0.01	0.00	5.49	2.00	0.00	7.25	0.01	0.00
5.50	2.00	0.00	7.25	0.01	0.00	5.51	2.00	0.00	7.25	0.01	0.00
5.52	2.00	0.00	7.24	0.01	0.00	5.53	2.00	0.00	7.24	0.01	0.00
5.54	2.00	0.00	7.23	0.01	0.00	5.55	2.00	0.00	7.22	0.01	0.00
5.56	2.00	0.00	7.22	0.01	0.00	5.57	2.00	0.00	7.21	0.01	0.00
5.58	2.00	0.00	7.21	0.01	0.00	5.59	2.00	0.00	7.21	0.01	0.00
5.60	2.00	0.00	7.20	0.01	0.00	5.61	2.00	0.00	7.20	0.01	0.00
5.62	2.00	0.00	7.19	0.01	0.00	5.63	2.00	0.00	7.18	0.01	0.00
5.64	2.00	0.00	7.18	0.01	0.00	5.65	2.00	0.00	7.17	0.01	0.00
5.66	2.00	0.00	7.17	0.01	0.00	5.67	2.00	0.00	7.17	0.01	0.00
5.68	2.00	0.00	7.16	0.01	0.00	5.69	2.00	0.00	7.16	0.01	0.00
5.70	2.00	0.00	7.15	0.01	0.00	5.71	2.00	0.00	7.14	0.01	0.00
5.72	2.00	0.00	7.14	0.01	0.00	5.73	2.00	0.00	7.13	0.01	0.00
5.74	2.00	0.00	7.13	0.01	0.00	5.75	2.00	0.00	7.13	0.01	0.00
5.76	2.00	0.00	7.12	0.01	0.00	5.77	2.00	0.00	7.12	0.01	0.00
5.78	2.00	0.00	7.11	0.01	0.00	5.79	2.00	0.00	7.11	0.01	0.00
5.80	2.00	0.00	7.10	0.01	0.00	5.81	2.00	0.00	7.09	0.01	0.00
5.82	2.00	0.00	7.09	0.01	0.00	5.83	2.00	0.00	7.08	0.01	0.00
5.84	2.00	0.00	7.08	0.01	0.00	5.85	2.00	0.00	7.08	0.01	0.00
5.86	2.00	0.00	7.07	0.01	0.00	5.87	2.00	0.00	7.07	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.88	2.00	0.00	7.06	0.01	0.00	5.89	2.00	0.00	7.05	0.01	0.00
5.90	2.00	0.00	7.05	0.01	0.00	5.91	2.00	0.00	7.04	0.01	0.00
5.92	2.00	0.00	7.04	0.01	0.00	5.93	2.00	0.00	7.04	0.01	0.00
5.94	2.00	0.00	7.03	0.01	0.00	5.95	2.00	0.00	7.03	0.01	0.00
5.96	2.00	0.00	7.02	0.01	0.00	5.97	2.00	0.00	7.01	0.01	0.00
5.98	2.00	0.00	7.01	0.01	0.00	5.99	2.00	0.00	7.00	0.01	0.00
6.00	2.00	0.00	7.00	0.01	0.00	6.01	2.00	0.00	7.00	0.01	0.00
6.02	2.00	0.00	6.99	0.01	0.00	6.03	2.00	0.00	6.99	0.01	0.00
6.04	2.00	0.00	6.98	0.01	0.00	6.05	2.00	0.00	6.97	0.01	0.00
6.06	2.00	0.00	6.97	0.01	0.00	6.07	2.00	0.00	6.96	0.01	0.00
6.08	2.00	0.00	6.96	0.01	0.00	6.09	2.00	0.00	6.96	0.01	0.00
6.10	2.00	0.00	6.95	0.01	0.00	6.11	2.00	0.00	6.95	0.01	0.00
6.12	2.00	0.00	6.94	0.01	0.00	6.13	2.00	0.00	6.93	0.01	0.00
6.14	2.00	0.00	6.93	0.01	0.00	6.15	2.00	0.00	6.92	0.01	0.00
6.16	2.00	0.00	6.92	0.01	0.00	6.17	2.00	0.00	6.92	0.01	0.00
6.18	2.00	0.00	6.91	0.01	0.00	6.19	2.00	0.00	6.91	0.01	0.00
6.20	2.00	0.00	6.90	0.01	0.00	6.21	2.00	0.00	6.89	0.01	0.00
6.22	2.00	0.00	6.89	0.01	0.00	6.23	2.00	0.00	6.88	0.01	0.00
6.24	2.00	0.00	6.88	0.01	0.00	6.25	2.00	0.00	6.88	0.01	0.00
6.26	2.00	0.00	6.87	0.01	0.00	6.27	2.00	0.00	6.87	0.01	0.00
6.28	2.00	0.00	6.86	0.01	0.00	6.29	2.00	0.00	6.86	0.01	0.00
6.30	2.00	0.00	6.85	0.01	0.00	6.31	2.00	0.00	6.84	0.01	0.00
6.32	2.00	0.00	6.84	0.01	0.00	6.33	2.00	0.00	6.83	0.01	0.00
6.34	2.00	0.00	6.83	0.01	0.00	6.35	2.00	0.00	6.83	0.01	0.00
6.36	2.00	0.00	6.82	0.01	0.00	6.37	2.00	0.00	6.82	0.01	0.00
6.38	2.00	0.00	6.81	0.01	0.00	6.39	2.00	0.00	6.80	0.01	0.00
6.40	2.00	0.00	6.80	0.01	0.00	6.41	2.00	0.00	6.79	0.01	0.00
6.42	2.00	0.00	6.79	0.01	0.00	6.43	2.00	0.00	6.79	0.01	0.00
6.44	2.00	0.00	6.78	0.01	0.00	6.45	2.00	0.00	6.78	0.01	0.00
6.46	2.00	0.00	6.77	0.01	0.00	6.47	2.00	0.00	6.76	0.01	0.00
6.48	2.00	0.00	6.76	0.01	0.00	6.49	2.00	0.00	6.75	0.01	0.00
6.50	2.00	0.00	6.75	0.01	0.00	6.51	2.00	0.00	6.75	0.01	0.00
6.52	2.00	0.00	6.74	0.01	0.00	6.53	2.00	0.00	6.74	0.01	0.00
6.54	2.00	0.00	6.73	0.01	0.00	6.55	2.00	0.00	6.72	0.01	0.00
6.56	2.00	0.00	6.72	0.01	0.00	6.57	2.00	0.00	6.71	0.01	0.00
6.58	2.00	0.00	6.71	0.01	0.00	6.59	2.00	0.00	6.71	0.01	0.00
6.60	2.00	0.00	6.70	0.01	0.00	6.61	2.00	0.00	6.70	0.01	0.00
6.62	2.00	0.00	6.69	0.01	0.00	6.63	2.00	0.00	6.68	0.01	0.00
6.64	2.00	0.00	6.68	0.01	0.00	6.65	2.00	0.00	6.67	0.01	0.00
6.66	2.00	0.00	6.67	0.01	0.00	6.67	2.00	0.00	6.67	0.01	0.00
6.68	2.00	0.00	6.66	0.01	0.00	6.69	2.00	0.00	6.66	0.01	0.00
6.70	2.00	0.00	6.65	0.01	0.00	6.71	2.00	0.00	6.64	0.01	0.00
6.72	2.00	0.00	6.64	0.01	0.00	6.73	2.00	0.00	6.63	0.01	0.00
6.74	2.00	0.00	6.63	0.01	0.00	6.75	2.00	0.00	6.63	0.01	0.00
6.76	2.00	0.00	6.62	0.01	0.00	6.77	2.00	0.00	6.62	0.01	0.00
6.78	2.00	0.00	6.61	0.01	0.00	6.79	2.00	0.00	6.61	0.01	0.00
6.80	2.00	0.00	6.60	0.01	0.00	6.81	2.00	0.00	6.59	0.01	0.00
6.82	2.00	0.00	6.59	0.01	0.00	6.83	2.00	0.00	6.58	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.84	2.00	0.00	6.58	0.01	0.00	6.85	2.00	0.00	6.58	0.01	0.00
6.86	2.00	0.00	6.57	0.01	0.00	6.87	2.00	0.00	6.57	0.01	0.00
6.88	2.00	0.00	6.56	0.01	0.00	6.89	2.00	0.00	6.55	0.01	0.00
6.90	2.00	0.00	6.55	0.01	0.00	6.91	2.00	0.00	6.54	0.01	0.00
6.92	2.00	0.00	6.54	0.01	0.00	6.93	2.00	0.00	6.54	0.01	0.00
6.94	2.00	0.00	6.53	0.01	0.00	6.95	2.00	0.00	6.53	0.01	0.00
6.96	2.00	0.00	6.52	0.01	0.00	6.97	2.00	0.00	6.51	0.01	0.00
6.98	2.00	0.00	6.51	0.01	0.00	6.99	2.00	0.00	6.50	0.01	0.00
7.00	2.00	0.00	6.50	0.01	0.00	7.01	2.00	0.00	6.50	0.01	0.00
7.02	2.00	0.00	6.49	0.01	0.00	7.03	2.00	0.00	6.49	0.01	0.00
7.04	2.00	0.00	6.48	0.01	0.00	7.05	2.00	0.00	6.47	0.01	0.00
7.06	2.00	0.00	6.47	0.01	0.00	7.07	2.00	0.00	6.46	0.01	0.00
7.08	2.00	0.00	6.46	0.01	0.00	7.09	2.00	0.00	6.46	0.01	0.00
7.10	2.00	0.00	6.45	0.01	0.00	7.11	2.00	0.00	6.45	0.01	0.00
7.12	2.00	0.00	6.44	0.01	0.00	7.13	2.00	0.00	6.43	0.01	0.00
7.14	2.00	0.00	6.43	0.01	0.00	7.15	2.00	0.00	6.42	0.01	0.00
7.16	2.00	0.00	6.42	0.01	0.00	7.17	2.00	0.00	6.42	0.01	0.00
7.18	2.00	0.00	6.41	0.01	0.00	7.19	2.00	0.00	6.41	0.01	0.00
7.20	2.00	0.00	6.40	0.01	0.00	7.21	2.00	0.00	6.39	0.01	0.00
7.22	2.00	0.00	6.39	0.01	0.00	7.23	2.00	0.00	6.38	0.01	0.00
7.24	2.00	0.00	6.38	0.01	0.00	7.25	2.00	0.00	6.38	0.01	0.00
7.26	2.00	0.00	6.37	0.01	0.00	7.27	2.00	0.00	6.37	0.01	0.00
7.28	2.00	0.00	6.36	0.01	0.00	7.29	2.00	0.00	6.36	0.01	0.00
7.30	2.00	0.00	6.35	0.01	0.00	7.31	2.00	0.00	6.34	0.01	0.00
7.32	2.00	0.00	6.34	0.01	0.00	7.33	2.00	0.00	6.33	0.01	0.00
7.34	2.00	0.00	6.33	0.01	0.00	7.35	2.00	0.00	6.33	0.01	0.00
7.36	2.00	0.00	6.32	0.01	0.00	7.37	2.00	0.00	6.32	0.01	0.00
7.38	2.00	0.00	6.31	0.01	0.00	7.39	2.00	0.00	6.30	0.01	0.00
7.40	2.00	0.00	6.30	0.01	0.00	7.41	2.00	0.00	6.29	0.01	0.00
7.42	2.00	0.00	6.29	0.01	0.00	7.43	2.00	0.00	6.29	0.01	0.00
7.44	2.00	0.00	6.28	0.01	0.00	7.45	2.00	0.00	6.28	0.01	0.00
7.46	2.00	0.00	6.27	0.01	0.00	7.47	2.00	0.00	6.26	0.01	0.00
7.48	2.00	0.00	6.26	0.01	0.00	7.49	2.00	0.00	6.25	0.01	0.00
7.50	2.00	0.00	6.25	0.01	0.00	7.51	2.00	0.00	6.25	0.01	0.00
7.52	2.00	0.00	6.24	0.01	0.00	7.53	2.00	0.00	6.24	0.01	0.00
7.54	2.00	0.00	6.23	0.01	0.00	7.55	2.00	0.00	6.22	0.01	0.00
7.56	2.00	0.00	6.22	0.01	0.00	7.57	2.00	0.00	6.21	0.01	0.00
7.58	2.00	0.00	6.21	0.01	0.00	7.59	2.00	0.00	6.21	0.01	0.00
7.60	2.00	0.00	6.20	0.01	0.00	7.61	2.00	0.00	6.20	0.01	0.00
7.62	2.00	0.00	6.19	0.01	0.00	7.63	2.00	0.00	6.18	0.01	0.00
7.64	2.00	0.00	6.18	0.01	0.00	7.65	2.00	0.00	6.17	0.01	0.00
7.66	2.00	0.00	6.17	0.01	0.00	7.67	2.00	0.00	6.17	0.01	0.00
7.68	2.00	0.00	6.16	0.01	0.00	7.69	2.00	0.00	6.16	0.01	0.00
7.70	2.00	0.00	6.15	0.01	0.00	7.71	2.00	0.00	6.14	0.01	0.00
7.72	2.00	0.00	6.14	0.01	0.00	7.73	2.00	0.00	6.13	0.01	0.00
7.74	2.00	0.00	6.13	0.01	0.00	7.75	2.00	0.00	6.13	0.01	0.00
7.76	2.00	0.00	6.12	0.01	0.00	7.77	2.00	0.00	6.12	0.01	0.00
7.78	2.00	0.00	6.11	0.01	0.00	7.79	2.00	0.00	6.11	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.80	2.00	0.00	6.10	0.01	0.00	7.81	2.00	0.00	6.09	0.01	0.00
7.82	2.00	0.00	6.09	0.01	0.00	7.83	2.00	0.00	6.08	0.01	0.00
7.84	2.00	0.00	6.08	0.01	0.00	7.85	2.00	0.00	6.08	0.01	0.00
7.86	2.00	0.00	6.07	0.01	0.00	7.87	2.00	0.00	6.07	0.01	0.00
7.88	2.00	0.00	6.06	0.01	0.00	7.89	2.00	0.00	6.05	0.01	0.00
7.90	2.00	0.00	6.05	0.01	0.00	7.91	2.00	0.00	6.04	0.01	0.00
7.92	2.00	0.00	6.04	0.01	0.00	7.93	2.00	0.00	6.04	0.01	0.00
7.94	2.00	0.00	6.03	0.01	0.00	7.95	2.00	0.00	6.03	0.01	0.00
7.96	2.00	0.00	6.02	0.01	0.00	7.97	2.00	0.00	6.01	0.01	0.00
7.98	2.00	0.00	6.01	0.01	0.00	7.99	2.00	0.00	6.00	0.01	0.00
8.00	2.00	0.00	6.00	0.01	0.00	8.01	2.00	0.00	6.00	0.01	0.00
8.02	2.00	0.00	5.99	0.01	0.00	8.03	2.00	0.00	5.99	0.01	0.00
8.04	2.00	0.00	5.98	0.01	0.00	8.05	2.00	0.00	5.97	0.01	0.00
8.06	2.00	0.00	5.97	0.01	0.00	8.07	2.00	0.00	5.96	0.01	0.00
8.08	2.00	0.00	5.96	0.01	0.00	8.09	2.00	0.00	5.96	0.01	0.00
8.10	2.00	0.00	5.95	0.01	0.00	8.11	2.00	0.00	5.95	0.01	0.00
8.12	2.00	0.00	5.94	0.01	0.00	8.13	2.00	0.00	5.93	0.01	0.00
8.14	2.00	0.00	5.93	0.01	0.00	8.15	2.00	0.00	5.92	0.01	0.00
8.16	2.00	0.00	5.92	0.01	0.00	8.17	2.00	0.00	5.92	0.01	0.00
8.18	2.00	0.00	5.91	0.01	0.00	8.19	2.00	0.00	5.91	0.01	0.00
8.20	2.00	0.00	5.90	0.01	0.00	8.21	2.00	0.00	5.89	0.01	0.00
8.22	2.00	0.00	5.89	0.01	0.00	8.23	2.00	0.00	5.88	0.01	0.00
8.24	2.00	0.00	5.88	0.01	0.00	8.25	2.00	0.00	5.88	0.01	0.00
8.26	2.00	0.00	5.87	0.01	0.00	8.27	2.00	0.00	5.87	0.01	0.00
8.28	2.00	0.00	5.86	0.01	0.00	8.29	2.00	0.00	5.86	0.01	0.00
8.30	2.00	0.00	5.85	0.01	0.00	8.31	2.00	0.00	5.84	0.01	0.00
8.32	2.00	0.00	5.84	0.01	0.00	8.33	2.00	0.00	5.83	0.01	0.00
8.34	2.00	0.00	5.83	0.01	0.00	8.35	2.00	0.00	5.83	0.01	0.00
8.36	2.00	0.00	5.82	0.01	0.00	8.37	2.00	0.00	5.82	0.01	0.00
8.38	2.00	0.00	5.81	0.01	0.00	8.39	2.00	0.00	5.80	0.01	0.00
8.40	2.00	0.00	5.80	0.01	0.00	8.41	2.00	0.00	5.79	0.01	0.00
8.42	2.00	0.00	5.79	0.01	0.00	8.43	2.00	0.00	5.79	0.01	0.00
8.44	2.00	0.00	5.78	0.01	0.00	8.45	2.00	0.00	5.78	0.01	0.00
8.46	2.00	0.00	5.77	0.01	0.00	8.47	2.00	0.00	5.76	0.01	0.00
8.48	2.00	0.00	5.76	0.01	0.00	8.49	2.00	0.00	5.75	0.01	0.00
8.50	2.00	0.00	5.75	0.01	0.00	8.51	2.00	0.00	5.75	0.01	0.00
8.52	2.00	0.00	5.74	0.01	0.00	8.53	2.00	0.00	5.74	0.01	0.00
8.54	2.00	0.00	5.73	0.01	0.00	8.55	2.00	0.00	5.72	0.01	0.00
8.56	2.00	0.00	5.72	0.01	0.00	8.57	2.00	0.00	5.71	0.01	0.00
8.58	2.00	0.00	5.71	0.01	0.00	8.59	2.00	0.00	5.71	0.01	0.00
8.60	2.00	0.00	5.70	0.01	0.00	8.61	2.00	0.00	5.70	0.01	0.00
8.62	2.00	0.00	5.69	0.01	0.00	8.63	2.00	0.00	5.68	0.01	0.00
8.64	2.00	0.00	5.68	0.01	0.00	8.65	2.00	0.00	5.67	0.01	0.00
8.66	2.00	0.00	5.67	0.01	0.00	8.67	2.00	0.00	5.67	0.01	0.00
8.68	2.00	0.00	5.66	0.01	0.00	8.69	2.00	0.00	5.66	0.01	0.00
8.70	2.00	0.00	5.65	0.01	0.00	8.71	2.00	0.00	5.64	0.01	0.00
8.72	2.00	0.00	5.64	0.01	0.00	8.73	2.00	0.00	5.63	0.01	0.00
8.74	2.00	0.00	5.63	0.01	0.00	8.75	2.00	0.00	5.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.76	2.00	0.00	5.62	0.01	0.00	8.77	2.00	0.00	5.62	0.01	0.00
8.78	2.00	0.00	5.61	0.01	0.00	8.79	2.00	0.00	5.61	0.01	0.00
8.80	2.00	0.00	5.60	0.01	0.00	8.81	2.00	0.00	5.59	0.01	0.00
8.82	2.00	0.00	5.59	0.01	0.00	8.83	2.00	0.00	5.58	0.01	0.00
8.84	2.00	0.00	5.58	0.01	0.00	8.85	2.00	0.00	5.58	0.01	0.00
8.86	2.00	0.00	5.57	0.01	0.00	8.87	2.00	0.00	5.57	0.01	0.00
8.88	2.00	0.00	5.56	0.01	0.00	8.89	2.00	0.00	5.55	0.01	0.00
8.90	2.00	0.00	5.55	0.01	0.00	8.91	2.00	0.00	5.54	0.01	0.00
8.92	2.00	0.00	5.54	0.01	0.00	8.93	2.00	0.00	5.54	0.01	0.00
8.94	2.00	0.00	5.53	0.01	0.00	8.95	2.00	0.00	5.53	0.01	0.00
8.96	0.36	0.64	5.52	0.01	0.04	8.97	0.35	0.65	5.51	0.01	0.04
8.98	0.35	0.65	5.51	0.01	0.04	8.99	0.35	0.65	5.50	0.01	0.04
9.00	0.35	0.65	5.50	0.01	0.04	9.01	0.35	0.65	5.50	0.01	0.04
9.02	0.35	0.65	5.49	0.01	0.04	9.03	0.35	0.65	5.49	0.01	0.04
9.04	0.35	0.65	5.48	0.01	0.04	9.05	0.36	0.64	5.47	0.01	0.04
9.06	0.36	0.64	5.47	0.01	0.04	9.07	0.36	0.64	5.46	0.01	0.03
9.08	0.36	0.64	5.46	0.01	0.03	9.09	0.37	0.63	5.46	0.01	0.03
9.10	2.00	0.00	5.45	0.01	0.00	9.11	2.00	0.00	5.45	0.01	0.00
9.12	2.00	0.00	5.44	0.01	0.00	9.13	2.00	0.00	5.43	0.01	0.00
9.14	2.00	0.00	5.43	0.01	0.00	9.15	2.00	0.00	5.42	0.01	0.00
9.16	2.00	0.00	5.42	0.01	0.00	9.17	2.00	0.00	5.42	0.01	0.00
9.18	2.00	0.00	5.41	0.01	0.00	9.19	2.00	0.00	5.41	0.01	0.00
9.20	2.00	0.00	5.40	0.01	0.00	9.21	2.00	0.00	5.39	0.01	0.00
9.22	2.00	0.00	5.39	0.01	0.00	9.23	2.00	0.00	5.38	0.01	0.00
9.24	2.00	0.00	5.38	0.01	0.00	9.25	2.00	0.00	5.38	0.01	0.00
9.26	2.00	0.00	5.37	0.01	0.00	9.27	2.00	0.00	5.37	0.01	0.00
9.28	2.00	0.00	5.36	0.01	0.00	9.29	2.00	0.00	5.36	0.01	0.00
9.30	2.00	0.00	5.35	0.01	0.00	9.31	0.38	0.62	5.34	0.01	0.03
9.32	0.38	0.62	5.34	0.01	0.03	9.33	0.38	0.62	5.33	0.01	0.03
9.34	0.38	0.62	5.33	0.01	0.03	9.35	0.39	0.61	5.33	0.01	0.03
9.36	0.40	0.60	5.32	0.01	0.03	9.37	0.42	0.58	5.32	0.01	0.03
9.38	0.45	0.55	5.31	0.01	0.03	9.39	0.47	0.53	5.30	0.01	0.03
9.40	0.50	0.50	5.30	0.01	0.03	9.41	0.50	0.50	5.29	0.01	0.03
9.42	0.50	0.50	5.29	0.01	0.03	9.43	0.50	0.50	5.29	0.01	0.03
9.44	0.50	0.50	5.28	0.01	0.03	9.45	0.50	0.50	5.28	0.01	0.03
9.46	0.51	0.49	5.27	0.01	0.03	9.47	0.52	0.48	5.26	0.01	0.03
9.48	0.53	0.47	5.26	0.01	0.02	9.49	0.53	0.47	5.25	0.01	0.02
9.50	0.53	0.47	5.25	0.01	0.02	9.51	0.53	0.47	5.25	0.01	0.02
9.52	0.52	0.48	5.24	0.01	0.02	9.53	0.53	0.47	5.24	0.01	0.02
9.54	0.53	0.47	5.23	0.01	0.02	9.55	0.54	0.46	5.22	0.01	0.02
9.56	0.55	0.45	5.22	0.01	0.02	9.57	0.58	0.42	5.21	0.01	0.02
9.58	0.61	0.39	5.21	0.01	0.02	9.59	0.66	0.34	5.21	0.01	0.02
9.60	0.71	0.29	5.20	0.01	0.02	9.61	0.77	0.23	5.20	0.01	0.01
9.62	0.83	0.17	5.19	0.01	0.01	9.63	0.86	0.14	5.18	0.01	0.01
9.64	2.00	0.00	5.18	0.01	0.00	9.65	2.00	0.00	5.17	0.01	0.00
9.66	2.00	0.00	5.17	0.01	0.00	9.67	2.00	0.00	5.17	0.01	0.00
9.68	2.00	0.00	5.16	0.01	0.00	9.69	2.00	0.00	5.16	0.01	0.00
9.70	2.00	0.00	5.15	0.01	0.00	9.71	2.00	0.00	5.14	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.72	2.00	0.00	5.14	0.01	0.00	9.73	2.00	0.00	5.13	0.01	0.00
9.74	2.00	0.00	5.13	0.01	0.00	9.75	2.00	0.00	5.13	0.01	0.00
9.76	2.00	0.00	5.12	0.01	0.00	9.77	2.00	0.00	5.12	0.01	0.00
9.78	2.00	0.00	5.11	0.01	0.00	9.79	2.00	0.00	5.11	0.01	0.00
9.80	2.00	0.00	5.10	0.01	0.00	9.81	2.00	0.00	5.09	0.01	0.00
9.82	2.00	0.00	5.09	0.01	0.00	9.83	2.00	0.00	5.08	0.01	0.00
9.84	2.00	0.00	5.08	0.01	0.00	9.85	2.00	0.00	5.08	0.01	0.00
9.86	2.00	0.00	5.07	0.01	0.00	9.87	2.00	0.00	5.07	0.01	0.00
9.88	2.00	0.00	5.06	0.01	0.00	9.89	2.00	0.00	5.05	0.01	0.00
9.90	2.00	0.00	5.05	0.01	0.00	9.91	2.00	0.00	5.04	0.01	0.00
9.92	2.00	0.00	5.04	0.01	0.00	9.93	2.00	0.00	5.04	0.01	0.00
9.94	2.00	0.00	5.03	0.01	0.00	9.95	2.00	0.00	5.03	0.01	0.00
9.96	2.00	0.00	5.02	0.01	0.00	9.97	2.00	0.00	5.01	0.01	0.00
9.98	2.00	0.00	5.01	0.01	0.00	9.99	2.00	0.00	5.00	0.01	0.00
10.00	2.00	0.00	5.00	0.01	0.00	10.01	2.00	0.00	5.00	0.01	0.00
10.02	2.00	0.00	4.99	0.01	0.00	10.03	2.00	0.00	4.99	0.01	0.00
10.04	2.00	0.00	4.98	0.01	0.00	10.05	2.00	0.00	4.97	0.01	0.00
10.06	2.00	0.00	4.97	0.01	0.00	10.07	2.00	0.00	4.96	0.01	0.00
10.08	2.00	0.00	4.96	0.01	0.00	10.09	2.00	0.00	4.96	0.01	0.00
10.10	2.00	0.00	4.95	0.01	0.00	10.11	2.00	0.00	4.95	0.01	0.00
10.12	2.00	0.00	4.94	0.01	0.00	10.13	2.00	0.00	4.93	0.01	0.00
10.14	2.00	0.00	4.93	0.01	0.00	10.15	2.00	0.00	4.92	0.01	0.00
10.16	2.00	0.00	4.92	0.01	0.00	10.17	2.00	0.00	4.92	0.01	0.00
10.18	2.00	0.00	4.91	0.01	0.00	10.19	2.00	0.00	4.91	0.01	0.00
10.20	2.00	0.00	4.90	0.01	0.00	10.21	2.00	0.00	4.89	0.01	0.00
10.22	2.00	0.00	4.89	0.01	0.00	10.23	2.00	0.00	4.88	0.01	0.00
10.24	2.00	0.00	4.88	0.01	0.00	10.25	2.00	0.00	4.88	0.01	0.00
10.26	2.00	0.00	4.87	0.01	0.00	10.27	2.00	0.00	4.87	0.01	0.00
10.28	2.00	0.00	4.86	0.01	0.00	10.29	2.00	0.00	4.86	0.01	0.00
10.30	2.00	0.00	4.85	0.01	0.00	10.31	2.00	0.00	4.84	0.01	0.00
10.32	2.00	0.00	4.84	0.01	0.00	10.33	2.00	0.00	4.83	0.01	0.00
10.34	2.00	0.00	4.83	0.01	0.00	10.35	2.00	0.00	4.83	0.01	0.00
10.36	2.00	0.00	4.82	0.01	0.00	10.37	2.00	0.00	4.82	0.01	0.00
10.38	2.00	0.00	4.81	0.01	0.00	10.39	2.00	0.00	4.80	0.01	0.00
10.40	2.00	0.00	4.80	0.01	0.00	10.41	2.00	0.00	4.79	0.01	0.00
10.42	2.00	0.00	4.79	0.01	0.00	10.43	2.00	0.00	4.79	0.01	0.00
10.44	2.00	0.00	4.78	0.01	0.00	10.45	2.00	0.00	4.78	0.01	0.00
10.46	2.00	0.00	4.77	0.01	0.00	10.47	2.00	0.00	4.76	0.01	0.00
10.48	2.00	0.00	4.76	0.01	0.00	10.49	2.00	0.00	4.75	0.01	0.00
10.50	2.00	0.00	4.75	0.01	0.00	10.51	2.00	0.00	4.75	0.01	0.00
10.52	2.00	0.00	4.74	0.01	0.00	10.53	2.00	0.00	4.74	0.01	0.00
10.54	2.00	0.00	4.73	0.01	0.00	10.55	2.00	0.00	4.72	0.01	0.00
10.56	2.00	0.00	4.72	0.01	0.00	10.57	2.00	0.00	4.71	0.01	0.00
10.58	2.00	0.00	4.71	0.01	0.00	10.59	2.00	0.00	4.71	0.01	0.00
10.60	2.00	0.00	4.70	0.01	0.00	10.61	2.00	0.00	4.70	0.01	0.00
10.62	2.00	0.00	4.69	0.01	0.00	10.63	2.00	0.00	4.68	0.01	0.00
10.64	2.00	0.00	4.68	0.01	0.00	10.65	2.00	0.00	4.67	0.01	0.00
10.66	2.00	0.00	4.67	0.01	0.00	10.67	2.00	0.00	4.67	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.68	2.00	0.00	4.66	0.01	0.00	10.69	2.00	0.00	4.66	0.01	0.00
10.70	2.00	0.00	4.65	0.01	0.00	10.71	2.00	0.00	4.64	0.01	0.00
10.72	2.00	0.00	4.64	0.01	0.00	10.73	2.00	0.00	4.63	0.01	0.00
10.74	2.00	0.00	4.63	0.01	0.00	10.75	2.00	0.00	4.63	0.01	0.00
10.76	2.00	0.00	4.62	0.01	0.00	10.77	2.00	0.00	4.62	0.01	0.00
10.78	2.00	0.00	4.61	0.01	0.00	10.79	2.00	0.00	4.61	0.01	0.00
10.80	2.00	0.00	4.60	0.01	0.00	10.81	2.00	0.00	4.59	0.01	0.00
10.82	2.00	0.00	4.59	0.01	0.00	10.83	2.00	0.00	4.58	0.01	0.00
10.84	2.00	0.00	4.58	0.01	0.00	10.85	2.00	0.00	4.58	0.01	0.00
10.86	2.00	0.00	4.57	0.01	0.00	10.87	2.00	0.00	4.57	0.01	0.00
10.88	2.00	0.00	4.56	0.01	0.00	10.89	2.00	0.00	4.55	0.01	0.00
10.90	2.00	0.00	4.55	0.01	0.00	10.91	2.00	0.00	4.54	0.01	0.00
10.92	2.00	0.00	4.54	0.01	0.00	10.93	2.00	0.00	4.54	0.01	0.00
10.94	2.00	0.00	4.53	0.01	0.00	10.95	2.00	0.00	4.53	0.01	0.00
10.96	2.00	0.00	4.52	0.01	0.00	10.97	2.00	0.00	4.51	0.01	0.00
10.98	2.00	0.00	4.51	0.01	0.00	10.99	2.00	0.00	4.50	0.01	0.00
11.00	2.00	0.00	4.50	0.01	0.00	11.01	2.00	0.00	4.50	0.01	0.00
11.02	2.00	0.00	4.49	0.01	0.00	11.03	2.00	0.00	4.49	0.01	0.00
11.04	2.00	0.00	4.48	0.01	0.00	11.05	2.00	0.00	4.47	0.01	0.00
11.06	2.00	0.00	4.47	0.01	0.00	11.07	2.00	0.00	4.46	0.01	0.00
11.08	2.00	0.00	4.46	0.01	0.00	11.09	2.00	0.00	4.46	0.01	0.00
11.10	2.00	0.00	4.45	0.01	0.00	11.11	2.00	0.00	4.45	0.01	0.00
11.12	2.00	0.00	4.44	0.01	0.00	11.13	2.00	0.00	4.43	0.01	0.00
11.14	2.00	0.00	4.43	0.01	0.00	11.15	2.00	0.00	4.42	0.01	0.00
11.16	2.00	0.00	4.42	0.01	0.00	11.17	2.00	0.00	4.42	0.01	0.00
11.18	2.00	0.00	4.41	0.01	0.00	11.19	2.00	0.00	4.41	0.01	0.00
11.20	2.00	0.00	4.40	0.01	0.00	11.21	2.00	0.00	4.39	0.01	0.00
11.22	2.00	0.00	4.39	0.01	0.00	11.23	2.00	0.00	4.38	0.01	0.00
11.24	2.00	0.00	4.38	0.01	0.00	11.25	2.00	0.00	4.38	0.01	0.00
11.26	2.00	0.00	4.37	0.01	0.00	11.27	2.00	0.00	4.37	0.01	0.00
11.28	2.00	0.00	4.36	0.01	0.00	11.29	2.00	0.00	4.36	0.01	0.00
11.30	2.00	0.00	4.35	0.01	0.00	11.31	2.00	0.00	4.34	0.01	0.00
11.32	0.44	0.56	4.34	0.01	0.02	11.33	0.45	0.55	4.33	0.01	0.02
11.34	0.45	0.55	4.33	0.01	0.02	11.35	0.45	0.55	4.33	0.01	0.02
11.36	0.45	0.55	4.32	0.01	0.02	11.37	0.45	0.55	4.32	0.01	0.02
11.38	0.45	0.55	4.31	0.01	0.02	11.39	0.45	0.55	4.30	0.01	0.02
11.40	0.44	0.56	4.30	0.01	0.02	11.41	0.45	0.55	4.29	0.01	0.02
11.42	0.45	0.55	4.29	0.01	0.02	11.43	0.45	0.55	4.29	0.01	0.02
11.44	0.45	0.55	4.28	0.01	0.02	11.45	0.46	0.54	4.28	0.01	0.02
11.46	0.46	0.54	4.27	0.01	0.02	11.47	0.46	0.54	4.26	0.01	0.02
11.48	0.46	0.54	4.26	0.01	0.02	11.49	0.47	0.53	4.25	0.01	0.02
11.50	2.00	0.00	4.25	0.01	0.00	11.51	2.00	0.00	4.25	0.01	0.00
11.52	2.00	0.00	4.24	0.01	0.00	11.53	2.00	0.00	4.24	0.01	0.00
11.54	2.00	0.00	4.23	0.01	0.00	11.55	2.00	0.00	4.22	0.01	0.00
11.56	2.00	0.00	4.22	0.01	0.00	11.57	2.00	0.00	4.21	0.01	0.00
11.58	2.00	0.00	4.21	0.01	0.00	11.59	2.00	0.00	4.21	0.01	0.00
11.60	2.00	0.00	4.20	0.01	0.00	11.61	0.56	0.44	4.20	0.01	0.02
11.62	0.56	0.44	4.19	0.01	0.02	11.63	0.56	0.44	4.18	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.64	0.57	0.43	4.18	0.01	0.02	11.65	0.57	0.43	4.17	0.01	0.02
11.66	2.00	0.00	4.17	0.01	0.00	11.67	2.00	0.00	4.17	0.01	0.00
11.68	2.00	0.00	4.16	0.01	0.00	11.69	2.00	0.00	4.16	0.01	0.00
11.70	2.00	0.00	4.15	0.01	0.00	11.71	2.00	0.00	4.14	0.01	0.00
11.72	2.00	0.00	4.14	0.01	0.00	11.73	2.00	0.00	4.13	0.01	0.00
11.74	2.00	0.00	4.13	0.01	0.00	11.75	2.00	0.00	4.13	0.01	0.00
11.76	2.00	0.00	4.12	0.01	0.00	11.77	2.00	0.00	4.12	0.01	0.00
11.78	2.00	0.00	4.11	0.01	0.00	11.79	2.00	0.00	4.11	0.01	0.00
11.80	2.00	0.00	4.10	0.01	0.00	11.81	2.00	0.00	4.09	0.01	0.00
11.82	2.00	0.00	4.09	0.01	0.00	11.83	2.00	0.00	4.08	0.01	0.00
11.84	2.00	0.00	4.08	0.01	0.00	11.85	2.00	0.00	4.08	0.01	0.00
11.86	2.00	0.00	4.07	0.01	0.00	11.87	2.00	0.00	4.07	0.01	0.00
11.88	2.00	0.00	4.06	0.01	0.00	11.89	2.00	0.00	4.05	0.01	0.00
11.90	2.00	0.00	4.05	0.01	0.00	11.91	0.52	0.48	4.04	0.01	0.02
11.92	0.52	0.48	4.04	0.01	0.02	11.93	0.53	0.47	4.04	0.01	0.02
11.94	0.55	0.45	4.03	0.01	0.02	11.95	0.58	0.42	4.03	0.01	0.02
11.96	0.61	0.39	4.02	0.01	0.02	11.97	0.64	0.36	4.01	0.01	0.01
11.98	0.67	0.33	4.01	0.01	0.01	11.99	2.00	0.00	4.00	0.01	0.00
12.00	2.00	0.00	4.00	0.01	0.00	12.01	2.00	0.00	4.00	0.01	0.00
12.02	2.00	0.00	3.99	0.01	0.00	12.03	2.00	0.00	3.98	0.01	0.00
12.04	2.00	0.00	3.98	0.01	0.00	12.05	2.00	0.00	3.98	0.01	0.00
12.06	2.00	0.00	3.97	0.01	0.00	12.07	2.00	0.00	3.96	0.01	0.00
12.08	2.00	0.00	3.96	0.01	0.00	12.09	2.00	0.00	3.96	0.01	0.00
12.10	2.00	0.00	3.95	0.01	0.00	12.11	2.00	0.00	3.94	0.01	0.00
12.12	2.00	0.00	3.94	0.01	0.00	12.13	2.00	0.00	3.94	0.01	0.00
12.14	2.00	0.00	3.93	0.01	0.00	12.15	2.00	0.00	3.92	0.01	0.00
12.16	2.00	0.00	3.92	0.01	0.00	12.17	2.00	0.00	3.92	0.01	0.00
12.18	2.00	0.00	3.91	0.01	0.00	12.19	2.00	0.00	3.90	0.01	0.00
12.20	2.00	0.00	3.90	0.01	0.00	12.21	2.00	0.00	3.90	0.01	0.00
12.22	2.00	0.00	3.89	0.01	0.00	12.23	2.00	0.00	3.88	0.01	0.00
12.24	2.00	0.00	3.88	0.01	0.00	12.25	2.00	0.00	3.88	0.01	0.00
12.26	2.00	0.00	3.87	0.01	0.00	12.27	2.00	0.00	3.87	0.01	0.00
12.28	0.47	0.53	3.86	0.01	0.02	12.29	0.48	0.52	3.85	0.01	0.02
12.30	0.48	0.52	3.85	0.01	0.02	12.31	0.49	0.51	3.85	0.01	0.02
12.32	0.51	0.49	3.84	0.01	0.02	12.33	0.54	0.46	3.83	0.01	0.02
12.34	0.56	0.44	3.83	0.01	0.02	12.35	0.58	0.42	3.83	0.01	0.02
12.36	0.59	0.41	3.82	0.01	0.02	12.37	0.59	0.41	3.81	0.01	0.02
12.38	0.60	0.40	3.81	0.01	0.02	12.39	0.60	0.40	3.81	0.01	0.02
12.40	0.59	0.41	3.80	0.01	0.02	12.41	0.58	0.42	3.79	0.01	0.02
12.42	0.57	0.43	3.79	0.01	0.02	12.43	0.57	0.43	3.79	0.01	0.02
12.44	0.57	0.43	3.78	0.01	0.02	12.45	0.57	0.43	3.77	0.01	0.02
12.46	0.58	0.42	3.77	0.01	0.02	12.47	0.59	0.41	3.77	0.01	0.02
12.48	0.59	0.41	3.76	0.01	0.02	12.49	0.59	0.41	3.75	0.01	0.02
12.50	0.57	0.43	3.75	0.01	0.02	12.51	0.56	0.44	3.75	0.01	0.02
12.52	0.56	0.44	3.74	0.01	0.02	12.53	0.57	0.43	3.73	0.01	0.02
12.54	0.57	0.43	3.73	0.01	0.02	12.55	0.57	0.43	3.73	0.01	0.02
12.56	0.55	0.45	3.72	0.01	0.02	12.57	0.54	0.46	3.71	0.01	0.02
12.58	0.53	0.47	3.71	0.01	0.02	12.59	0.53	0.47	3.71	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.60	0.47	0.53	3.70	0.01	0.02	12.61	0.49	0.51	3.69	0.01	0.02
12.62	0.51	0.49	3.69	0.01	0.02	12.63	0.62	0.38	3.69	0.01	0.01
12.64	0.65	0.35	3.68	0.01	0.01	12.65	0.68	0.32	3.67	0.01	0.01
12.66	0.70	0.30	3.67	0.01	0.01	12.67	0.71	0.29	3.67	0.01	0.01
12.68	0.72	0.28	3.66	0.01	0.01	12.69	0.69	0.31	3.65	0.01	0.01
12.70	0.59	0.41	3.65	0.01	0.02	12.71	0.57	0.43	3.65	0.01	0.02
12.72	0.55	0.45	3.64	0.01	0.02	12.73	0.53	0.47	3.63	0.01	0.02
12.74	0.53	0.47	3.63	0.01	0.02	12.75	0.53	0.47	3.63	0.01	0.02
12.76	0.52	0.48	3.62	0.01	0.02	12.77	0.52	0.48	3.62	0.01	0.02
12.78	0.52	0.48	3.61	0.01	0.02	12.79	0.52	0.48	3.60	0.01	0.02
12.80	0.52	0.48	3.60	0.01	0.02	12.81	0.53	0.47	3.60	0.01	0.02
12.82	0.53	0.47	3.59	0.01	0.02	12.83	0.53	0.47	3.58	0.01	0.02
12.84	0.52	0.48	3.58	0.01	0.02	12.85	0.52	0.48	3.58	0.01	0.02
12.86	0.51	0.49	3.57	0.01	0.02	12.87	0.51	0.49	3.56	0.01	0.02
12.88	0.51	0.49	3.56	0.01	0.02	12.89	0.51	0.49	3.56	0.01	0.02
12.90	0.52	0.48	3.55	0.01	0.02	12.91	0.53	0.47	3.54	0.01	0.02
12.92	0.53	0.47	3.54	0.01	0.02	12.93	0.54	0.46	3.54	0.01	0.02
12.94	0.54	0.46	3.53	0.01	0.02	12.95	0.55	0.45	3.52	0.01	0.02
12.96	0.55	0.45	3.52	0.01	0.02	12.97	0.54	0.46	3.52	0.01	0.02
12.98	0.54	0.46	3.51	0.01	0.02	12.99	0.54	0.46	3.50	0.01	0.02
13.00	0.54	0.46	3.50	0.01	0.02	13.01	0.54	0.46	3.50	0.01	0.02
13.02	0.54	0.46	3.49	0.01	0.02	13.03	0.55	0.45	3.48	0.01	0.02
13.04	0.55	0.45	3.48	0.01	0.02	13.05	0.55	0.45	3.48	0.01	0.02
13.06	0.55	0.45	3.47	0.01	0.02	13.07	0.55	0.45	3.46	0.01	0.02
13.08	0.55	0.45	3.46	0.01	0.02	13.09	0.55	0.45	3.46	0.01	0.02
13.10	0.55	0.45	3.45	0.01	0.02	13.11	0.54	0.46	3.44	0.01	0.02
13.12	0.54	0.46	3.44	0.01	0.02	13.13	0.53	0.47	3.44	0.01	0.02
13.14	0.53	0.47	3.43	0.01	0.02	13.15	0.52	0.48	3.42	0.01	0.02
13.16	0.51	0.49	3.42	0.01	0.02	13.17	0.50	0.50	3.42	0.01	0.02
13.18	0.50	0.50	3.41	0.01	0.02	13.19	0.49	0.51	3.40	0.01	0.02
13.20	0.49	0.51	3.40	0.01	0.02	13.21	0.49	0.51	3.40	0.01	0.02
13.22	0.48	0.52	3.39	0.01	0.02	13.23	0.56	0.44	3.38	0.01	0.01
13.24	0.56	0.44	3.38	0.01	0.01	13.25	0.55	0.45	3.38	0.01	0.02
13.26	0.55	0.45	3.37	0.01	0.02	13.27	0.54	0.46	3.37	0.01	0.02
13.28	0.53	0.47	3.36	0.01	0.02	13.29	0.52	0.48	3.35	0.01	0.02
13.30	0.51	0.49	3.35	0.01	0.02	13.31	0.50	0.50	3.35	0.01	0.02
13.32	0.50	0.50	3.34	0.01	0.02	13.33	0.49	0.51	3.33	0.01	0.02
13.34	0.49	0.51	3.33	0.01	0.02	13.35	0.49	0.51	3.33	0.01	0.02
13.36	0.48	0.52	3.32	0.01	0.02	13.37	0.48	0.52	3.31	0.01	0.02
13.38	0.48	0.52	3.31	0.01	0.02	13.39	0.49	0.51	3.31	0.01	0.02
13.40	0.49	0.51	3.30	0.01	0.02	13.41	0.49	0.51	3.29	0.01	0.02
13.42	0.48	0.52	3.29	0.01	0.02	13.43	0.48	0.52	3.29	0.01	0.02
13.44	0.48	0.52	3.28	0.01	0.02	13.45	0.47	0.53	3.27	0.01	0.02
13.46	0.40	0.60	3.27	0.01	0.02	13.47	0.40	0.60	3.27	0.01	0.02
13.48	0.40	0.60	3.26	0.01	0.02	13.49	0.41	0.59	3.25	0.01	0.02
13.50	0.41	0.59	3.25	0.01	0.02	13.51	0.41	0.59	3.25	0.01	0.02
13.52	0.41	0.59	3.24	0.01	0.02	13.53	0.41	0.59	3.23	0.01	0.02
13.54	0.42	0.58	3.23	0.01	0.02	13.55	0.42	0.58	3.23	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.56	0.42	0.58	3.22	0.01	0.02	13.57	0.42	0.58	3.21	0.01	0.02
13.58	0.42	0.58	3.21	0.01	0.02	13.59	0.42	0.58	3.21	0.01	0.02
13.60	0.42	0.58	3.20	0.01	0.02	13.61	0.42	0.58	3.19	0.01	0.02
13.62	0.42	0.58	3.19	0.01	0.02	13.63	0.42	0.58	3.19	0.01	0.02
13.64	0.42	0.58	3.18	0.01	0.02	13.65	0.43	0.57	3.17	0.01	0.02
13.66	0.43	0.57	3.17	0.01	0.02	13.67	0.43	0.57	3.17	0.01	0.02
13.68	0.43	0.57	3.16	0.01	0.02	13.69	0.44	0.56	3.15	0.01	0.02
13.70	0.44	0.56	3.15	0.01	0.02	13.71	0.45	0.55	3.15	0.01	0.02
13.72	0.45	0.55	3.14	0.01	0.02	13.73	0.45	0.55	3.13	0.01	0.02
13.74	0.45	0.55	3.13	0.01	0.02	13.75	0.45	0.55	3.13	0.01	0.02
13.76	0.45	0.55	3.12	0.01	0.02	13.77	0.44	0.56	3.12	0.01	0.02
13.78	0.44	0.56	3.11	0.01	0.02	13.79	0.44	0.56	3.10	0.01	0.02
13.80	0.44	0.56	3.10	0.01	0.02	13.81	0.44	0.56	3.10	0.01	0.02
13.82	0.44	0.56	3.09	0.01	0.02	13.83	0.44	0.56	3.08	0.01	0.02
13.84	0.45	0.55	3.08	0.01	0.02	13.85	0.45	0.55	3.08	0.01	0.02
13.86	0.45	0.55	3.07	0.01	0.02	13.87	0.46	0.54	3.06	0.01	0.02
13.88	0.47	0.53	3.06	0.01	0.02	13.89	0.48	0.52	3.06	0.01	0.02
13.90	0.49	0.51	3.05	0.01	0.02	13.91	0.50	0.50	3.04	0.01	0.02
13.92	0.51	0.49	3.04	0.01	0.01	13.93	0.52	0.48	3.04	0.01	0.01
13.94	0.52	0.48	3.03	0.01	0.01	13.95	0.52	0.48	3.02	0.01	0.01
13.96	0.52	0.48	3.02	0.01	0.01	13.97	0.52	0.48	3.02	0.01	0.01
13.98	0.52	0.48	3.01	0.01	0.01	13.99	0.52	0.48	3.00	0.01	0.01
14.00	0.52	0.48	3.00	0.01	0.01	14.01	0.53	0.47	3.00	0.01	0.01
14.02	0.54	0.46	2.99	0.01	0.01	14.03	0.54	0.46	2.98	0.01	0.01
14.04	0.54	0.46	2.98	0.01	0.01	14.05	0.54	0.46	2.98	0.01	0.01
14.06	0.53	0.47	2.97	0.01	0.01	14.07	0.53	0.47	2.96	0.01	0.01
14.08	0.52	0.48	2.96	0.01	0.01	14.09	0.51	0.49	2.96	0.01	0.01
14.10	0.50	0.50	2.95	0.01	0.01	14.11	0.57	0.43	2.94	0.01	0.01
14.12	0.56	0.44	2.94	0.01	0.01	14.13	0.56	0.44	2.94	0.01	0.01
14.14	0.55	0.45	2.93	0.01	0.01	14.15	0.55	0.45	2.92	0.01	0.01
14.16	0.56	0.44	2.92	0.01	0.01	14.17	0.56	0.44	2.92	0.01	0.01
14.18	0.56	0.44	2.91	0.01	0.01	14.19	0.56	0.44	2.90	0.01	0.01
14.20	0.56	0.44	2.90	0.01	0.01	14.21	0.57	0.43	2.90	0.01	0.01
14.22	0.57	0.43	2.89	0.01	0.01	14.23	0.57	0.43	2.88	0.01	0.01
14.24	0.57	0.43	2.88	0.01	0.01	14.25	0.58	0.42	2.88	0.01	0.01
14.26	0.51	0.49	2.87	0.01	0.01	14.27	0.51	0.49	2.87	0.01	0.01
14.28	0.52	0.48	2.86	0.01	0.01	14.29	0.52	0.48	2.85	0.01	0.01
14.30	0.53	0.47	2.85	0.01	0.01	14.31	0.53	0.47	2.85	0.01	0.01
14.32	0.53	0.47	2.84	0.01	0.01	14.33	0.52	0.48	2.83	0.01	0.01
14.34	0.52	0.48	2.83	0.01	0.01	14.35	0.51	0.49	2.83	0.01	0.01
14.36	0.51	0.49	2.82	0.01	0.01	14.37	0.51	0.49	2.81	0.01	0.01
14.38	0.51	0.49	2.81	0.01	0.01	14.39	0.51	0.49	2.81	0.01	0.01
14.40	0.51	0.49	2.80	0.01	0.01	14.41	0.51	0.49	2.79	0.01	0.01
14.42	0.52	0.48	2.79	0.01	0.01	14.43	0.52	0.48	2.79	0.01	0.01
14.44	0.52	0.48	2.78	0.01	0.01	14.45	0.51	0.49	2.77	0.01	0.01
14.46	0.51	0.49	2.77	0.01	0.01	14.47	0.51	0.49	2.77	0.01	0.01
14.48	0.50	0.50	2.76	0.01	0.01	14.49	0.50	0.50	2.75	0.01	0.01
14.50	0.49	0.51	2.75	0.01	0.01	14.51	0.48	0.52	2.75	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.52	0.48	0.52	2.74	0.01	0.01	14.53	0.54	0.46	2.73	0.01	0.01
14.54	0.54	0.46	2.73	0.01	0.01	14.55	0.53	0.47	2.73	0.01	0.01
14.56	0.53	0.47	2.72	0.01	0.01	14.57	0.52	0.48	2.71	0.01	0.01
14.58	0.52	0.48	2.71	0.01	0.01	14.59	0.51	0.49	2.71	0.01	0.01
14.60	0.51	0.49	2.70	0.01	0.01	14.61	0.51	0.49	2.69	0.01	0.01
14.62	0.51	0.49	2.69	0.01	0.01	14.63	0.51	0.49	2.69	0.01	0.01
14.64	0.51	0.49	2.68	0.01	0.01	14.65	0.51	0.49	2.67	0.01	0.01
14.66	0.51	0.49	2.67	0.01	0.01	14.67	0.52	0.48	2.67	0.01	0.01
14.68	0.53	0.47	2.66	0.01	0.01	14.69	0.54	0.46	2.65	0.01	0.01
14.70	0.54	0.46	2.65	0.01	0.01	14.71	0.54	0.46	2.65	0.01	0.01
14.72	0.55	0.45	2.64	0.01	0.01	14.73	0.55	0.45	2.63	0.01	0.01
14.74	0.47	0.53	2.63	0.01	0.01	14.75	0.49	0.51	2.63	0.01	0.01
14.76	0.50	0.50	2.62	0.01	0.01	14.77	0.53	0.47	2.62	0.01	0.01
14.78	0.55	0.45	2.61	0.01	0.01	14.79	0.58	0.42	2.60	0.01	0.01
14.80	0.60	0.40	2.60	0.01	0.01	14.81	0.62	0.38	2.60	0.01	0.01
14.82	0.64	0.36	2.59	0.01	0.01	14.83	0.64	0.36	2.58	0.01	0.01
14.84	0.63	0.37	2.58	0.01	0.01	14.85	0.63	0.37	2.58	0.01	0.01
14.86	0.62	0.38	2.57	0.01	0.01	14.87	0.61	0.39	2.56	0.01	0.01
14.88	0.60	0.40	2.56	0.01	0.01	14.89	0.59	0.41	2.56	0.01	0.01
14.90	0.59	0.41	2.55	0.01	0.01	14.91	0.58	0.42	2.54	0.01	0.01
14.92	0.58	0.42	2.54	0.01	0.01	14.93	0.58	0.42	2.54	0.01	0.01
14.94	0.58	0.42	2.53	0.01	0.01	14.95	0.58	0.42	2.52	0.01	0.01
14.96	0.59	0.41	2.52	0.01	0.01	14.97	0.61	0.39	2.52	0.01	0.01
14.98	0.63	0.37	2.51	0.01	0.01	14.99	0.66	0.34	2.50	0.01	0.01
15.00	0.71	0.29	2.50	0.01	0.01	15.01	2.00	0.00	2.50	0.01	0.00
15.02	2.00	0.00	2.49	0.01	0.00	15.03	2.00	0.00	2.48	0.01	0.00
15.04	2.00	0.00	2.48	0.01	0.00	15.05	2.00	0.00	2.48	0.01	0.00
15.06	2.00	0.00	2.47	0.01	0.00	15.07	2.00	0.00	2.46	0.01	0.00
15.08	2.00	0.00	2.46	0.01	0.00	15.09	2.00	0.00	2.46	0.01	0.00
15.10	2.00	0.00	2.45	0.01	0.00	15.11	2.00	0.00	2.44	0.01	0.00
15.12	2.00	0.00	2.44	0.01	0.00	15.13	2.00	0.00	2.44	0.01	0.00
15.14	2.00	0.00	2.43	0.01	0.00	15.15	2.00	0.00	2.42	0.01	0.00
15.16	2.00	0.00	2.42	0.01	0.00	15.17	2.00	0.00	2.42	0.01	0.00
15.18	2.00	0.00	2.41	0.01	0.00	15.19	2.00	0.00	2.40	0.01	0.00
15.20	2.00	0.00	2.40	0.01	0.00	15.21	2.00	0.00	2.40	0.01	0.00
15.22	2.00	0.00	2.39	0.01	0.00	15.23	2.00	0.00	2.38	0.01	0.00
15.24	2.00	0.00	2.38	0.01	0.00	15.25	2.00	0.00	2.38	0.01	0.00
15.26	2.00	0.00	2.37	0.01	0.00	15.27	2.00	0.00	2.37	0.01	0.00
15.28	2.00	0.00	2.36	0.01	0.00	15.29	2.00	0.00	2.35	0.01	0.00
15.30	2.00	0.00	2.35	0.01	0.00	15.31	2.00	0.00	2.35	0.01	0.00
15.32	2.00	0.00	2.34	0.01	0.00	15.33	2.00	0.00	2.33	0.01	0.00
15.34	2.00	0.00	2.33	0.01	0.00	15.35	2.00	0.00	2.33	0.01	0.00
15.36	2.00	0.00	2.32	0.01	0.00	15.37	2.00	0.00	2.31	0.01	0.00
15.38	2.00	0.00	2.31	0.01	0.00	15.39	2.00	0.00	2.31	0.01	0.00
15.40	2.00	0.00	2.30	0.01	0.00	15.41	2.00	0.00	2.29	0.01	0.00
15.42	2.00	0.00	2.29	0.01	0.00	15.43	2.00	0.00	2.29	0.01	0.00
15.44	2.00	0.00	2.28	0.01	0.00	15.45	2.00	0.00	2.27	0.01	0.00
15.46	2.00	0.00	2.27	0.01	0.00	15.47	2.00	0.00	2.27	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.48	2.00	0.00	2.26	0.01	0.00	15.49	2.00	0.00	2.25	0.01	0.00
15.50	2.00	0.00	2.25	0.01	0.00	15.51	2.00	0.00	2.25	0.01	0.00
15.52	2.00	0.00	2.24	0.01	0.00	15.53	2.00	0.00	2.23	0.01	0.00
15.54	2.00	0.00	2.23	0.01	0.00	15.55	2.00	0.00	2.23	0.01	0.00
15.56	2.00	0.00	2.22	0.01	0.00	15.57	2.00	0.00	2.21	0.01	0.00
15.58	2.00	0.00	2.21	0.01	0.00	15.59	2.00	0.00	2.21	0.01	0.00
15.60	2.00	0.00	2.20	0.01	0.00	15.61	2.00	0.00	2.19	0.01	0.00
15.62	2.00	0.00	2.19	0.01	0.00	15.63	2.00	0.00	2.19	0.01	0.00
15.64	2.00	0.00	2.18	0.01	0.00	15.65	2.00	0.00	2.17	0.01	0.00
15.66	2.00	0.00	2.17	0.01	0.00	15.67	2.00	0.00	2.17	0.01	0.00
15.68	2.00	0.00	2.16	0.01	0.00	15.69	2.00	0.00	2.15	0.01	0.00
15.70	2.00	0.00	2.15	0.01	0.00	15.71	2.00	0.00	2.15	0.01	0.00
15.72	2.00	0.00	2.14	0.01	0.00	15.73	2.00	0.00	2.13	0.01	0.00
15.74	2.00	0.00	2.13	0.01	0.00	15.75	2.00	0.00	2.13	0.01	0.00
15.76	2.00	0.00	2.12	0.01	0.00	15.77	2.00	0.00	2.12	0.01	0.00
15.78	2.00	0.00	2.11	0.01	0.00	15.79	2.00	0.00	2.10	0.01	0.00
15.80	2.00	0.00	2.10	0.01	0.00	15.81	2.00	0.00	2.10	0.01	0.00
15.82	2.00	0.00	2.09	0.01	0.00	15.83	2.00	0.00	2.08	0.01	0.00
15.84	2.00	0.00	2.08	0.01	0.00	15.85	2.00	0.00	2.08	0.01	0.00
15.86	2.00	0.00	2.07	0.01	0.00	15.87	2.00	0.00	2.06	0.01	0.00
15.88	2.00	0.00	2.06	0.01	0.00	15.89	2.00	0.00	2.06	0.01	0.00
15.90	2.00	0.00	2.05	0.01	0.00	15.91	2.00	0.00	2.04	0.01	0.00
15.92	2.00	0.00	2.04	0.01	0.00	15.93	2.00	0.00	2.04	0.01	0.00
15.94	2.00	0.00	2.03	0.01	0.00	15.95	2.00	0.00	2.02	0.01	0.00
15.96	2.00	0.00	2.02	0.01	0.00	15.97	2.00	0.00	2.02	0.01	0.00
15.98	2.00	0.00	2.01	0.01	0.00	15.99	2.00	0.00	2.00	0.01	0.00
16.00	2.00	0.00	2.00	0.01	0.00	16.01	2.00	0.00	2.00	0.01	0.00
16.02	2.00	0.00	1.99	0.01	0.00	16.03	2.00	0.00	1.99	0.01	0.00
16.04	2.00	0.00	1.98	0.01	0.00	16.05	2.00	0.00	1.98	0.01	0.00
16.06	2.00	0.00	1.97	0.01	0.00	16.07	2.00	0.00	1.97	0.01	0.00
16.08	2.00	0.00	1.96	0.01	0.00	16.09	2.00	0.00	1.96	0.01	0.00
16.10	2.00	0.00	1.95	0.01	0.00	16.11	2.00	0.00	1.95	0.01	0.00
16.12	2.00	0.00	1.94	0.01	0.00	16.13	2.00	0.00	1.94	0.01	0.00
16.14	2.00	0.00	1.93	0.01	0.00	16.15	2.00	0.00	1.93	0.01	0.00
16.16	2.00	0.00	1.92	0.01	0.00	16.17	2.00	0.00	1.92	0.01	0.00
16.18	2.00	0.00	1.91	0.01	0.00	16.19	2.00	0.00	1.91	0.01	0.00
16.20	2.00	0.00	1.90	0.01	0.00	16.21	2.00	0.00	1.90	0.01	0.00
16.22	2.00	0.00	1.89	0.01	0.00	16.23	2.00	0.00	1.89	0.01	0.00
16.24	2.00	0.00	1.88	0.01	0.00	16.25	2.00	0.00	1.88	0.01	0.00
16.26	2.00	0.00	1.87	0.01	0.00	16.27	2.00	0.00	1.86	0.01	0.00
16.28	2.00	0.00	1.86	0.01	0.00	16.29	2.00	0.00	1.85	0.01	0.00
16.30	2.00	0.00	1.85	0.01	0.00	16.31	2.00	0.00	1.84	0.01	0.00
16.32	2.00	0.00	1.84	0.01	0.00	16.33	2.00	0.00	1.83	0.01	0.00
16.34	2.00	0.00	1.83	0.01	0.00	16.35	2.00	0.00	1.82	0.01	0.00
16.36	2.00	0.00	1.82	0.01	0.00	16.37	2.00	0.00	1.81	0.01	0.00
16.38	2.00	0.00	1.81	0.01	0.00	16.39	2.00	0.00	1.80	0.01	0.00
16.40	2.00	0.00	1.80	0.01	0.00	16.41	2.00	0.00	1.79	0.01	0.00
16.42	2.00	0.00	1.79	0.01	0.00	16.43	2.00	0.00	1.78	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.44	2.00	0.00	1.78	0.01	0.00	16.45	2.00	0.00	1.77	0.01	0.00
16.46	2.00	0.00	1.77	0.01	0.00	16.47	2.00	0.00	1.76	0.01	0.00
16.48	2.00	0.00	1.76	0.01	0.00	16.49	2.00	0.00	1.75	0.01	0.00
16.50	2.00	0.00	1.75	0.01	0.00	16.51	2.00	0.00	1.75	0.01	0.00
16.52	2.00	0.00	1.74	0.01	0.00	16.53	2.00	0.00	1.74	0.01	0.00
16.54	2.00	0.00	1.73	0.01	0.00	16.55	2.00	0.00	1.73	0.01	0.00
16.56	2.00	0.00	1.72	0.01	0.00	16.57	2.00	0.00	1.72	0.01	0.00
16.58	2.00	0.00	1.71	0.01	0.00	16.59	2.00	0.00	1.71	0.01	0.00
16.60	2.00	0.00	1.70	0.01	0.00	16.61	2.00	0.00	1.70	0.01	0.00
16.62	2.00	0.00	1.69	0.01	0.00	16.63	2.00	0.00	1.69	0.01	0.00
16.64	2.00	0.00	1.68	0.01	0.00	16.65	2.00	0.00	1.68	0.01	0.00
16.66	2.00	0.00	1.67	0.01	0.00	16.67	2.00	0.00	1.67	0.01	0.00
16.68	2.00	0.00	1.66	0.01	0.00	16.69	2.00	0.00	1.66	0.01	0.00
16.70	2.00	0.00	1.65	0.01	0.00	16.71	2.00	0.00	1.65	0.01	0.00
16.72	2.00	0.00	1.64	0.01	0.00	16.73	2.00	0.00	1.64	0.01	0.00
16.74	2.00	0.00	1.63	0.01	0.00	16.75	2.00	0.00	1.63	0.01	0.00
16.76	2.00	0.00	1.62	0.01	0.00	16.77	2.00	0.00	1.61	0.01	0.00
16.78	2.00	0.00	1.61	0.01	0.00	16.79	2.00	0.00	1.60	0.01	0.00
16.80	2.00	0.00	1.60	0.01	0.00	16.81	2.00	0.00	1.59	0.01	0.00
16.82	2.00	0.00	1.59	0.01	0.00	16.83	2.00	0.00	1.58	0.01	0.00
16.84	2.00	0.00	1.58	0.01	0.00	16.85	2.00	0.00	1.57	0.01	0.00
16.86	2.00	0.00	1.57	0.01	0.00	16.87	2.00	0.00	1.56	0.01	0.00
16.88	2.00	0.00	1.56	0.01	0.00	16.89	2.00	0.00	1.55	0.01	0.00
16.90	2.00	0.00	1.55	0.01	0.00	16.91	2.00	0.00	1.54	0.01	0.00
16.92	2.00	0.00	1.54	0.01	0.00	16.93	2.00	0.00	1.53	0.01	0.00
16.94	2.00	0.00	1.53	0.01	0.00	16.95	2.00	0.00	1.52	0.01	0.00
16.96	2.00	0.00	1.52	0.01	0.00	16.97	2.00	0.00	1.51	0.01	0.00
16.98	2.00	0.00	1.51	0.01	0.00	16.99	2.00	0.00	1.50	0.01	0.00
17.00	2.00	0.00	1.50	0.01	0.00	17.01	2.00	0.00	1.50	0.01	0.00
17.02	2.00	0.00	1.49	0.01	0.00	17.03	2.00	0.00	1.49	0.01	0.00
17.04	2.00	0.00	1.48	0.01	0.00	17.05	2.00	0.00	1.48	0.01	0.00
17.06	2.00	0.00	1.47	0.01	0.00	17.07	2.00	0.00	1.47	0.01	0.00
17.08	2.00	0.00	1.46	0.01	0.00	17.09	2.00	0.00	1.46	0.01	0.00
17.10	2.00	0.00	1.45	0.01	0.00	17.11	2.00	0.00	1.45	0.01	0.00
17.12	2.00	0.00	1.44	0.01	0.00	17.13	2.00	0.00	1.44	0.01	0.00
17.14	2.00	0.00	1.43	0.01	0.00	17.15	2.00	0.00	1.43	0.01	0.00
17.16	2.00	0.00	1.42	0.01	0.00	17.17	2.00	0.00	1.42	0.01	0.00
17.18	2.00	0.00	1.41	0.01	0.00	17.19	2.00	0.00	1.41	0.01	0.00
17.20	2.00	0.00	1.40	0.01	0.00	17.21	2.00	0.00	1.40	0.01	0.00
17.22	2.00	0.00	1.39	0.01	0.00	17.23	2.00	0.00	1.39	0.01	0.00
17.24	2.00	0.00	1.38	0.01	0.00	17.25	2.00	0.00	1.38	0.01	0.00
17.26	2.00	0.00	1.37	0.01	0.00	17.27	2.00	0.00	1.36	0.01	0.00
17.28	2.00	0.00	1.36	0.01	0.00	17.29	2.00	0.00	1.35	0.01	0.00
17.30	2.00	0.00	1.35	0.01	0.00	17.31	2.00	0.00	1.34	0.01	0.00
17.32	2.00	0.00	1.34	0.01	0.00	17.33	2.00	0.00	1.33	0.01	0.00
17.34	2.00	0.00	1.33	0.01	0.00	17.35	2.00	0.00	1.32	0.01	0.00
17.36	2.00	0.00	1.32	0.01	0.00	17.37	2.00	0.00	1.31	0.01	0.00
17.38	2.00	0.00	1.31	0.01	0.00	17.39	2.00	0.00	1.30	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.40	2.00	0.00	1.30	0.01	0.00	17.41	2.00	0.00	1.29	0.01	0.00
17.42	2.00	0.00	1.29	0.01	0.00	17.43	2.00	0.00	1.28	0.01	0.00
17.44	2.00	0.00	1.28	0.01	0.00	17.45	2.00	0.00	1.27	0.01	0.00
17.46	2.00	0.00	1.27	0.01	0.00	17.47	2.00	0.00	1.26	0.01	0.00
17.48	2.00	0.00	1.26	0.01	0.00	17.49	2.00	0.00	1.25	0.01	0.00
17.50	2.00	0.00	1.25	0.01	0.00	17.51	2.00	0.00	1.25	0.01	0.00
17.52	2.00	0.00	1.24	0.01	0.00	17.53	2.00	0.00	1.24	0.01	0.00
17.54	2.00	0.00	1.23	0.01	0.00	17.55	2.00	0.00	1.23	0.01	0.00
17.56	2.00	0.00	1.22	0.01	0.00	17.57	2.00	0.00	1.22	0.01	0.00
17.58	2.00	0.00	1.21	0.01	0.00	17.59	2.00	0.00	1.21	0.01	0.00
17.60	2.00	0.00	1.20	0.01	0.00	17.61	2.00	0.00	1.20	0.01	0.00
17.62	2.00	0.00	1.19	0.01	0.00	17.63	2.00	0.00	1.19	0.01	0.00
17.64	2.00	0.00	1.18	0.01	0.00	17.65	2.00	0.00	1.18	0.01	0.00
17.66	2.00	0.00	1.17	0.01	0.00	17.67	2.00	0.00	1.17	0.01	0.00
17.68	2.00	0.00	1.16	0.01	0.00	17.69	2.00	0.00	1.16	0.01	0.00
17.70	2.00	0.00	1.15	0.01	0.00	17.71	2.00	0.00	1.15	0.01	0.00
17.72	2.00	0.00	1.14	0.01	0.00	17.73	2.00	0.00	1.14	0.01	0.00
17.74	2.00	0.00	1.13	0.01	0.00	17.75	2.00	0.00	1.13	0.01	0.00
17.76	2.00	0.00	1.12	0.01	0.00	17.77	2.00	0.00	1.11	0.01	0.00
17.78	2.00	0.00	1.11	0.01	0.00	17.79	2.00	0.00	1.10	0.01	0.00
17.80	2.00	0.00	1.10	0.01	0.00	17.81	2.00	0.00	1.09	0.01	0.00
17.82	2.00	0.00	1.09	0.01	0.00	17.83	2.00	0.00	1.08	0.01	0.00
17.84	2.00	0.00	1.08	0.01	0.00	17.85	2.00	0.00	1.07	0.01	0.00
17.86	2.00	0.00	1.07	0.01	0.00	17.87	2.00	0.00	1.06	0.01	0.00
17.88	2.00	0.00	1.06	0.01	0.00	17.89	2.00	0.00	1.05	0.01	0.00
17.90	2.00	0.00	1.05	0.01	0.00	17.91	2.00	0.00	1.04	0.01	0.00
17.92	2.00	0.00	1.04	0.01	0.00	17.93	2.00	0.00	1.03	0.01	0.00
17.94	2.00	0.00	1.03	0.01	0.00	17.95	2.00	0.00	1.02	0.01	0.00
17.96	2.00	0.00	1.02	0.01	0.00	17.97	2.00	0.00	1.01	0.01	0.00
17.98	2.00	0.00	1.01	0.01	0.00	17.99	2.00	0.00	1.00	0.01	0.00
18.00	2.00	0.00	1.00	0.01	0.00	18.01	2.00	0.00	0.99	0.01	0.00
18.02	2.00	0.00	0.99	0.01	0.00	18.03	2.00	0.00	0.98	0.01	0.00
18.04	2.00	0.00	0.98	0.01	0.00	18.05	2.00	0.00	0.97	0.01	0.00
18.06	2.00	0.00	0.97	0.01	0.00	18.07	2.00	0.00	0.96	0.01	0.00
18.08	2.00	0.00	0.96	0.01	0.00	18.09	2.00	0.00	0.95	0.01	0.00
18.10	2.00	0.00	0.95	0.01	0.00	18.11	2.00	0.00	0.94	0.01	0.00
18.12	2.00	0.00	0.94	0.01	0.00	18.13	2.00	0.00	0.94	0.01	0.00
18.14	2.00	0.00	0.93	0.01	0.00	18.15	2.00	0.00	0.93	0.01	0.00
18.16	2.00	0.00	0.92	0.01	0.00	18.17	2.00	0.00	0.91	0.01	0.00
18.18	2.00	0.00	0.91	0.01	0.00	18.19	2.00	0.00	0.90	0.01	0.00
18.20	2.00	0.00	0.90	0.01	0.00	18.21	2.00	0.00	0.90	0.01	0.00
18.22	2.00	0.00	0.89	0.01	0.00	18.23	2.00	0.00	0.89	0.01	0.00
18.24	2.00	0.00	0.88	0.01	0.00	18.25	2.00	0.00	0.88	0.01	0.00
18.26	2.00	0.00	0.87	0.01	0.00	18.27	2.00	0.00	0.86	0.01	0.00
18.28	2.00	0.00	0.86	0.01	0.00	18.29	2.00	0.00	0.85	0.01	0.00
18.30	2.00	0.00	0.85	0.01	0.00	18.31	2.00	0.00	0.85	0.01	0.00
18.32	2.00	0.00	0.84	0.01	0.00	18.33	2.00	0.00	0.84	0.01	0.00
18.34	2.00	0.00	0.83	0.01	0.00	18.35	2.00	0.00	0.82	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.36	2.00	0.00	0.82	0.01	0.00	18.37	2.00	0.00	0.81	0.01	0.00
18.38	2.00	0.00	0.81	0.01	0.00	18.39	2.00	0.00	0.81	0.01	0.00
18.40	2.00	0.00	0.80	0.01	0.00	18.41	2.00	0.00	0.80	0.01	0.00
18.42	2.00	0.00	0.79	0.01	0.00	18.43	2.00	0.00	0.79	0.01	0.00
18.44	2.00	0.00	0.78	0.01	0.00	18.45	2.00	0.00	0.78	0.01	0.00
18.46	2.00	0.00	0.77	0.01	0.00	18.47	2.00	0.00	0.77	0.01	0.00
18.48	2.00	0.00	0.76	0.01	0.00	18.49	2.00	0.00	0.76	0.01	0.00
18.50	2.00	0.00	0.75	0.01	0.00	18.51	2.00	0.00	0.74	0.01	0.00
18.52	2.00	0.00	0.74	0.01	0.00	18.53	2.00	0.00	0.73	0.01	0.00
18.54	2.00	0.00	0.73	0.01	0.00	18.55	2.00	0.00	0.72	0.01	0.00
18.56	2.00	0.00	0.72	0.01	0.00	18.57	2.00	0.00	0.71	0.01	0.00
18.58	2.00	0.00	0.71	0.01	0.00	18.59	2.00	0.00	0.70	0.01	0.00
18.60	2.00	0.00	0.70	0.01	0.00	18.61	2.00	0.00	0.69	0.01	0.00
18.62	2.00	0.00	0.69	0.01	0.00	18.63	2.00	0.00	0.69	0.01	0.00
18.64	2.00	0.00	0.68	0.01	0.00	18.65	2.00	0.00	0.68	0.01	0.00
18.66	2.00	0.00	0.67	0.01	0.00	18.67	2.00	0.00	0.66	0.01	0.00
18.68	2.00	0.00	0.66	0.01	0.00	18.69	2.00	0.00	0.65	0.01	0.00
18.70	2.00	0.00	0.65	0.01	0.00	18.71	2.00	0.00	0.65	0.01	0.00
18.72	2.00	0.00	0.64	0.01	0.00	18.73	2.00	0.00	0.64	0.01	0.00
18.74	2.00	0.00	0.63	0.01	0.00	18.75	2.00	0.00	0.63	0.01	0.00
18.76	2.00	0.00	0.62	0.01	0.00	18.77	2.00	0.00	0.61	0.01	0.00
18.78	2.00	0.00	0.61	0.01	0.00	18.79	2.00	0.00	0.60	0.01	0.00
18.80	2.00	0.00	0.60	0.01	0.00	18.81	2.00	0.00	0.60	0.01	0.00
18.82	2.00	0.00	0.59	0.01	0.00	18.83	2.00	0.00	0.59	0.01	0.00
18.84	2.00	0.00	0.58	0.01	0.00	18.85	2.00	0.00	0.57	0.01	0.00
18.86	2.00	0.00	0.57	0.01	0.00	18.87	2.00	0.00	0.56	0.01	0.00
18.88	2.00	0.00	0.56	0.01	0.00	18.89	2.00	0.00	0.56	0.01	0.00
18.90	2.00	0.00	0.55	0.01	0.00	18.91	2.00	0.00	0.55	0.01	0.00
18.92	2.00	0.00	0.54	0.01	0.00	18.93	2.00	0.00	0.54	0.01	0.00
18.94	2.00	0.00	0.53	0.01	0.00	18.95	2.00	0.00	0.53	0.01	0.00
18.96	2.00	0.00	0.52	0.01	0.00	18.97	2.00	0.00	0.52	0.01	0.00
18.98	2.00	0.00	0.51	0.01	0.00	18.99	2.00	0.00	0.51	0.01	0.00
19.00	2.00	0.00	0.50	0.01	0.00	19.01	2.00	0.00	0.49	0.01	0.00
19.02	2.00	0.00	0.49	0.01	0.00	19.03	2.00	0.00	0.48	0.01	0.00
19.04	2.00	0.00	0.48	0.01	0.00	19.05	2.00	0.00	0.47	0.01	0.00
19.06	2.00	0.00	0.47	0.01	0.00	19.07	2.00	0.00	0.47	0.01	0.00
19.08	2.00	0.00	0.46	0.01	0.00	19.09	2.00	0.00	0.46	0.01	0.00
19.10	2.00	0.00	0.45	0.01	0.00	19.11	2.00	0.00	0.45	0.01	0.00
19.12	2.00	0.00	0.44	0.01	0.00	19.13	2.00	0.00	0.43	0.01	0.00
19.14	2.00	0.00	0.43	0.01	0.00	19.15	2.00	0.00	0.43	0.01	0.00
19.16	2.00	0.00	0.42	0.01	0.00	19.17	2.00	0.00	0.41	0.01	0.00
19.18	2.00	0.00	0.41	0.01	0.00	19.19	2.00	0.00	0.40	0.01	0.00
19.20	2.00	0.00	0.40	0.01	0.00	19.21	2.00	0.00	0.40	0.01	0.00
19.22	2.00	0.00	0.39	0.01	0.00	19.23	2.00	0.00	0.39	0.01	0.00
19.24	2.00	0.00	0.38	0.01	0.00	19.25	2.00	0.00	0.38	0.01	0.00
19.26	2.00	0.00	0.37	0.01	0.00	19.27	2.00	0.00	0.36	0.01	0.00
19.28	2.00	0.00	0.36	0.01	0.00	19.29	2.00	0.00	0.35	0.01	0.00
19.30	2.00	0.00	0.35	0.01	0.00	19.31	2.00	0.00	0.35	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.32	2.00	0.00	0.34	0.01	0.00	19.33	2.00	0.00	0.34	0.01	0.00
19.34	2.00	0.00	0.33	0.01	0.00	19.35	2.00	0.00	0.32	0.01	0.00
19.36	2.00	0.00	0.32	0.01	0.00	19.37	2.00	0.00	0.32	0.01	0.00
19.38	2.00	0.00	0.31	0.01	0.00	19.39	2.00	0.00	0.30	0.01	0.00
19.40	2.00	0.00	0.30	0.01	0.00	19.41	2.00	0.00	0.29	0.01	0.00
19.42	2.00	0.00	0.29	0.01	0.00	19.43	2.00	0.00	0.28	0.01	0.00
19.44	2.00	0.00	0.28	0.01	0.00	19.45	2.00	0.00	0.28	0.01	0.00
19.46	2.00	0.00	0.27	0.01	0.00	19.47	2.00	0.00	0.27	0.01	0.00
19.48	2.00	0.00	0.26	0.01	0.00	19.49	2.00	0.00	0.26	0.01	0.00
19.50	2.00	0.00	0.25	0.01	0.00	19.51	2.00	0.00	0.24	0.01	0.00
19.52	2.00	0.00	0.24	0.01	0.00	19.53	2.00	0.00	0.23	0.01	0.00
19.54	2.00	0.00	0.23	0.01	0.00	19.55	2.00	0.00	0.23	0.01	0.00
19.56	2.00	0.00	0.22	0.01	0.00	19.57	2.00	0.00	0.21	0.01	0.00
19.58	2.00	0.00	0.21	0.01	0.00	19.59	2.00	0.00	0.20	0.01	0.00
19.60	2.00	0.00	0.20	0.01	0.00	19.61	2.00	0.00	0.20	0.01	0.00
19.62	2.00	0.00	0.19	0.01	0.00	19.63	2.00	0.00	0.18	0.01	0.00
19.64	2.00	0.00	0.18	0.01	0.00	19.65	2.00	0.00	0.18	0.01	0.00
19.66	2.00	0.00	0.17	0.01	0.00	19.67	2.00	0.00	0.16	0.01	0.00
19.68	2.00	0.00	0.16	0.01	0.00	19.69	2.00	0.00	0.15	0.01	0.00
19.70	2.00	0.00	0.15	0.01	0.00	19.71	2.00	0.00	0.14	0.01	0.00
19.72	2.00	0.00	0.14	0.01	0.00	19.73	2.00	0.00	0.14	0.01	0.00
19.74	2.00	0.00	0.13	0.01	0.00	19.75	2.00	0.00	0.13	0.01	0.00
19.76	2.00	0.00	0.12	0.01	0.00	19.77	2.00	0.00	0.12	0.01	0.00
19.78	2.00	0.00	0.11	0.01	0.00	19.79	2.00	0.00	0.10	0.01	0.00
19.80	2.00	0.00	0.10	0.01	0.00	19.81	2.00	0.00	0.10	0.01	0.00
19.82	2.00	0.00	0.09	0.01	0.00	19.83	2.00	0.00	0.09	0.01	0.00
19.84	2.00	0.00	0.08	0.01	0.00	19.85	2.00	0.00	0.07	0.01	0.00
19.86	2.00	0.00	0.07	0.01	0.00	19.87	2.00	0.00	0.06	0.01	0.00
19.88	2.00	0.00	0.06	0.01	0.00	19.89	2.00	0.00	0.05	0.01	0.00
19.90	2.00	0.00	0.05	0.01	0.00	19.91	2.00	0.00	0.04	0.01	0.00
19.92	2.00	0.00	0.04	0.01	0.00	19.93	2.00	0.00	0.04	0.01	0.00
19.94	2.00	0.00	0.03	0.01	0.00	19.95	2.00	0.00	0.03	0.01	0.00
19.96	2.00	0.00	0.02	0.01	0.00	19.97	2.00	0.00	0.02	0.01	0.00
19.98	2.00	0.00	0.01	0.01	0.00	19.99	2.00	0.00	0.01	0.01	0.00
20.00	2.00	0.00	0.00	0.01	0.00	20.01	2.00	0.00	0.00	0.00	0.00
20.02	2.00	0.00	0.00	0.00	0.00	20.03	2.00	0.00	0.00	0.00	0.00
20.04	2.00	0.00	0.00	0.00	0.00	20.05	2.00	0.00	0.00	0.00	0.00
20.06	2.00	0.00	0.00	0.00	0.00	20.07	2.00	0.00	0.00	0.00	0.00
20.08	2.00	0.00	0.00	0.00	0.00	20.09	2.00	0.00	0.00	0.00	0.00
20.10	2.00	0.00	0.00	0.00	0.00	20.11	2.00	0.00	0.00	0.00	0.00
20.12	2.00	0.00	0.00	0.00	0.00	20.13	2.00	0.00	0.00	0.00	0.00
20.14	2.00	0.00	0.00	0.00	0.00	20.15	2.00	0.00	0.00	0.00	0.00
20.16	2.00	0.00	0.00	0.00	0.00	20.17	2.00	0.00	0.00	0.00	0.00
20.18	2.00	0.00	0.00	0.00	0.00	20.19	2.00	0.00	0.00	0.00	0.00
20.20	2.00	0.00	0.00	0.00	0.00	20.21	2.00	0.00	0.00	0.00	0.00
20.22	2.00	0.00	0.00	0.00	0.00						

<b>:: Liquefaction Potential Index calculation data :: (continued)</b>											
Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI	Depth (m)	FS	$F_L$	$w_z$	$d_z$	LPI

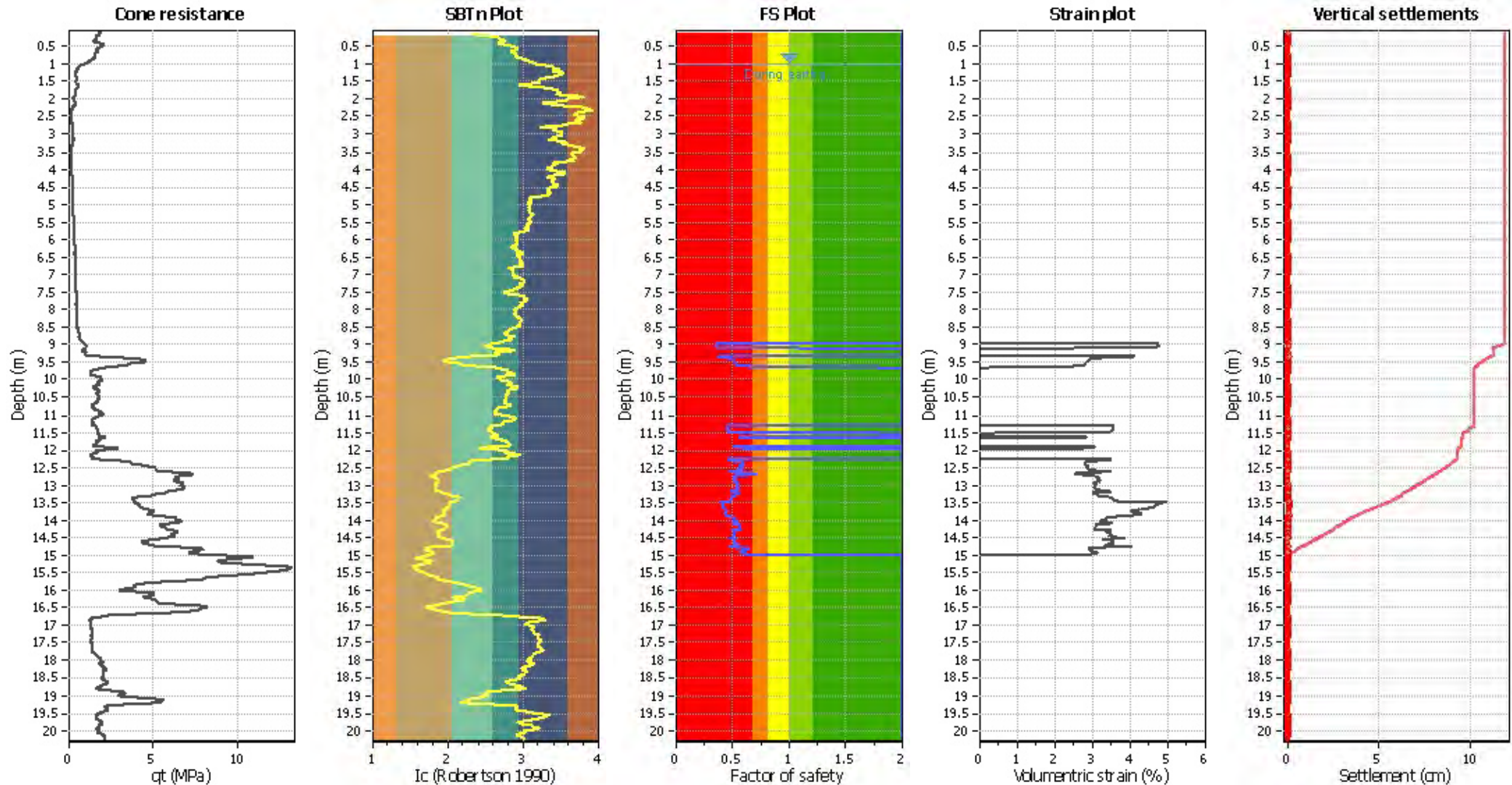
**Overall liquefaction potential: 6.10**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.00	134.59	2.00	0.00	1.00	0.00	1.01	132.80	2.00	0.00	1.00	0.00
1.02	131.17	2.00	0.00	1.00	0.00	1.03	128.87	2.00	0.00	1.00	0.00
1.04	126.61	2.00	0.00	1.00	0.00	1.05	124.40	2.00	0.00	1.00	0.00
1.06	123.09	2.00	0.00	1.00	0.00	1.07	121.70	2.00	0.00	1.00	0.00
1.08	119.65	2.00	0.00	1.00	0.00	1.09	117.50	2.00	0.00	1.00	0.00
1.10	115.28	2.00	0.00	1.00	0.00	1.11	113.58	2.00	0.00	1.00	0.00
1.12	111.61	2.00	0.00	1.00	0.00	1.13	109.09	2.00	0.00	1.00	0.00
1.14	106.60	2.00	0.00	1.00	0.00	1.15	104.41	2.00	0.00	1.00	0.00
1.16	102.99	2.00	0.00	1.00	0.00	1.17	101.74	2.00	0.00	1.00	0.00
1.18	99.72	2.00	0.00	1.00	0.00	1.19	97.31	2.00	0.00	1.00	0.00
1.20	94.53	2.00	0.00	1.00	0.00	1.21	92.51	2.00	0.00	1.00	0.00
1.22	90.91	2.00	0.00	1.00	0.00	1.23	89.41	2.00	0.00	1.00	0.00
1.24	88.03	2.00	0.00	1.00	0.00	1.25	87.03	2.00	0.00	1.00	0.00
1.26	86.02	2.00	0.00	1.00	0.00	1.27	85.08	2.00	0.00	1.00	0.00
1.28	83.89	2.00	0.00	1.00	0.00	1.29	83.15	2.00	0.00	1.00	0.00
1.30	82.56	2.00	0.00	1.00	0.00	1.31	81.61	2.00	0.00	1.00	0.00
1.32	80.43	2.00	0.00	1.00	0.00	1.33	79.13	2.00	0.00	1.00	0.00
1.34	78.36	2.00	0.00	1.00	0.00	1.35	77.81	2.00	0.00	1.00	0.00
1.36	77.13	2.00	0.00	1.00	0.00	1.37	76.18	2.00	0.00	1.00	0.00
1.38	75.00	2.00	0.00	1.00	0.00	1.39	74.01	2.00	0.00	1.00	0.00
1.40	72.93	2.00	0.00	1.00	0.00	1.41	71.48	2.00	0.00	1.00	0.00
1.42	69.93	2.00	0.00	1.00	0.00	1.43	68.36	2.00	0.00	1.00	0.00
1.44	67.30	2.00	0.00	1.00	0.00	1.45	66.07	2.00	0.00	1.00	0.00
1.46	64.36	2.00	0.00	1.00	0.00	1.47	62.61	2.00	0.00	1.00	0.00
1.48	61.19	2.00	0.00	1.00	0.00	1.49	60.55	2.00	0.00	1.00	0.00
1.50	59.99	2.00	0.00	1.00	0.00	1.51	59.22	2.00	0.00	1.00	0.00
1.52	58.60	2.00	0.00	1.00	0.00	1.53	58.19	2.00	0.00	1.00	0.00
1.54	58.17	2.00	0.00	1.00	0.00	1.55	58.04	2.00	0.00	1.00	0.00
1.56	57.71	2.00	0.00	1.00	0.00	1.57	57.34	2.00	0.00	1.00	0.00
1.58	57.31	2.00	0.00	1.00	0.00	1.59	57.58	2.00	0.00	1.00	0.00
1.60	58.23	2.00	0.00	1.00	0.00	1.61	59.22	2.00	0.00	1.00	0.00
1.62	60.78	2.00	0.00	1.00	0.00	1.63	62.71	2.00	0.00	1.00	0.00
1.64	65.08	2.00	0.00	1.00	0.00	1.65	67.43	2.00	0.00	1.00	0.00
1.66	69.72	2.00	0.00	1.00	0.00	1.67	72.12	2.00	0.00	1.00	0.00
1.68	74.29	2.00	0.00	1.00	0.00	1.69	76.28	2.00	0.00	1.00	0.00
1.70	77.68	2.00	0.00	1.00	0.00	1.71	78.90	2.00	0.00	1.00	0.00
1.72	80.33	2.00	0.00	1.00	0.00	1.73	81.50	2.00	0.00	1.00	0.00
1.74	82.58	2.00	0.00	1.00	0.00	1.75	82.93	2.00	0.00	1.00	0.00
1.76	83.03	2.00	0.00	1.00	0.00	1.77	82.88	2.00	0.00	1.00	0.00
1.78	82.73	2.00	0.00	1.00	0.00	1.79	83.70	2.00	0.00	1.00	0.00
1.80	84.61	2.00	0.00	1.00	0.00	1.81	85.36	2.00	0.00	1.00	0.00
1.82	85.14	2.00	0.00	1.00	0.00	1.83	85.12	2.00	0.00	1.00	0.00
1.84	85.42	2.00	0.00	1.00	0.00	1.85	85.91	2.00	0.00	1.00	0.00
1.86	86.24	2.00	0.00	1.00	0.00	1.87	86.14	2.00	0.00	1.00	0.00
1.88	85.38	2.00	0.00	1.00	0.00	1.89	84.01	2.00	0.00	1.00	0.00
1.90	82.21	2.00	0.00	1.00	0.00	1.91	78.99	2.00	0.00	1.00	0.00
1.92	75.53	2.00	0.00	1.00	0.00	1.93	71.82	2.00	0.00	1.00	0.00
1.94	70.23	2.00	0.00	1.00	0.00	1.95	68.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	67.70	2.00	0.00	1.00	0.00	1.97	66.83	2.00	0.00	1.00	0.00
1.98	66.36	2.00	0.00	1.00	0.00	1.99	65.26	2.00	0.00	1.00	0.00
2.00	63.67	2.00	0.00	1.00	0.00	2.01	61.95	2.00	0.00	1.00	0.00
2.02	60.98	2.00	0.00	1.00	0.00	2.03	60.24	2.00	0.00	1.00	0.00
2.04	59.90	2.00	0.00	1.00	0.00	2.05	59.88	2.00	0.00	1.00	0.00
2.06	60.32	2.00	0.00	1.00	0.00	2.07	61.09	2.00	0.00	1.00	0.00
2.08	61.86	2.00	0.00	1.00	0.00	2.09	62.88	2.00	0.00	1.00	0.00
2.10	63.86	2.00	0.00	1.00	0.00	2.11	65.13	2.00	0.00	1.00	0.00
2.12	66.32	2.00	0.00	1.00	0.00	2.13	67.53	2.00	0.00	1.00	0.00
2.14	68.40	2.00	0.00	1.00	0.00	2.15	69.25	2.00	0.00	1.00	0.00
2.16	69.57	2.00	0.00	1.00	0.00	2.17	69.37	2.00	0.00	1.00	0.00
2.18	68.71	2.00	0.00	1.00	0.00	2.19	67.12	2.00	0.00	1.00	0.00
2.20	64.98	2.00	0.00	1.00	0.00	2.21	62.45	2.00	0.00	1.00	0.00
2.22	60.62	2.00	0.00	1.00	0.00	2.23	59.42	2.00	0.00	1.00	0.00
2.24	58.17	2.00	0.00	1.00	0.00	2.25	56.38	2.00	0.00	1.00	0.00
2.26	54.30	2.00	0.00	1.00	0.00	2.27	52.00	2.00	0.00	1.00	0.00
2.28	49.69	2.00	0.00	1.00	0.00	2.29	46.97	2.00	0.00	1.00	0.00
2.30	44.17	2.00	0.00	1.00	0.00	2.31	42.14	2.00	0.00	1.00	0.00
2.32	40.22	2.00	0.00	1.00	0.00	2.33	39.20	2.00	0.00	1.00	0.00
2.34	38.11	2.00	0.00	1.00	0.00	2.35	37.52	2.00	0.00	1.00	0.00
2.36	36.63	2.00	0.00	1.00	0.00	2.37	35.93	2.00	0.00	1.00	0.00
2.38	35.41	2.00	0.00	1.00	0.00	2.39	35.28	2.00	0.00	1.00	0.00
2.40	35.26	2.00	0.00	1.00	0.00	2.41	35.15	2.00	0.00	1.00	0.00
2.42	35.23	2.00	0.00	1.00	0.00	2.43	35.28	2.00	0.00	1.00	0.00
2.44	35.10	2.00	0.00	1.00	0.00	2.45	34.82	2.00	0.00	1.00	0.00
2.46	34.55	2.00	0.00	1.00	0.00	2.47	34.50	2.00	0.00	1.00	0.00
2.48	34.42	2.00	0.00	1.00	0.00	2.49	34.39	2.00	0.00	1.00	0.00
2.50	34.65	2.00	0.00	1.00	0.00	2.51	34.92	2.00	0.00	1.00	0.00
2.52	34.99	2.00	0.00	1.00	0.00	2.53	34.91	2.00	0.00	1.00	0.00
2.54	34.70	2.00	0.00	1.00	0.00	2.55	34.98	2.00	0.00	1.00	0.00
2.56	35.21	2.00	0.00	1.00	0.00	2.57	35.77	2.00	0.00	1.00	0.00
2.58	35.94	2.00	0.00	1.00	0.00	2.59	36.17	2.00	0.00	1.00	0.00
2.60	35.69	2.00	0.00	1.00	0.00	2.61	35.21	2.00	0.00	1.00	0.00
2.62	34.78	2.00	0.00	1.00	0.00	2.63	34.73	2.00	0.00	1.00	0.00
2.64	34.21	2.00	0.00	1.00	0.00	2.65	33.67	2.00	0.00	1.00	0.00
2.66	33.62	2.00	0.00	1.00	0.00	2.67	34.35	2.00	0.00	1.00	0.00
2.68	35.33	2.00	0.00	1.00	0.00	2.69	35.85	2.00	0.00	1.00	0.00
2.70	36.36	2.00	0.00	1.00	0.00	2.71	36.58	2.00	0.00	1.00	0.00
2.72	36.80	2.00	0.00	1.00	0.00	2.73	36.94	2.00	0.00	1.00	0.00
2.74	37.23	2.00	0.00	1.00	0.00	2.75	37.45	2.00	0.00	1.00	0.00
2.76	37.54	2.00	0.00	1.00	0.00	2.77	37.51	2.00	0.00	1.00	0.00
2.78	35.36	2.00	0.00	1.00	0.00	2.79	32.89	2.00	0.00	1.00	0.00
2.80	30.32	2.00	0.00	1.00	0.00	2.81	31.75	2.00	0.00	1.00	0.00
2.82	32.97	2.00	0.00	1.00	0.00	2.83	33.82	2.00	0.00	1.00	0.00
2.84	34.72	2.00	0.00	1.00	0.00	2.85	35.72	2.00	0.00	1.00	0.00
2.86	36.72	2.00	0.00	1.00	0.00	2.87	37.76	2.00	0.00	1.00	0.00
2.88	38.69	2.00	0.00	1.00	0.00	2.89	39.64	2.00	0.00	1.00	0.00
2.90	40.47	2.00	0.00	1.00	0.00	2.91	41.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.78	2.00	0.00	1.00	0.00	2.93	42.00	2.00	0.00	1.00	0.00
2.94	42.25	2.00	0.00	1.00	0.00	2.95	42.53	2.00	0.00	1.00	0.00
2.96	42.82	2.00	0.00	1.00	0.00	2.97	42.70	2.00	0.00	1.00	0.00
2.98	42.62	2.00	0.00	1.00	0.00	2.99	42.58	2.00	0.00	1.00	0.00
3.00	42.63	2.00	0.00	1.00	0.00	3.01	42.64	2.00	0.00	1.00	0.00
3.02	42.70	2.00	0.00	1.00	0.00	3.03	42.72	2.00	0.00	1.00	0.00
3.04	42.58	2.00	0.00	1.00	0.00	3.05	42.23	2.00	0.00	1.00	0.00
3.06	42.18	2.00	0.00	1.00	0.00	3.07	42.23	2.00	0.00	1.00	0.00
3.08	42.52	2.00	0.00	1.00	0.00	3.09	42.62	2.00	0.00	1.00	0.00
3.10	42.79	2.00	0.00	1.00	0.00	3.11	42.94	2.00	0.00	1.00	0.00
3.12	43.23	2.00	0.00	1.00	0.00	3.13	43.67	2.00	0.00	1.00	0.00
3.14	44.13	2.00	0.00	1.00	0.00	3.15	44.48	2.00	0.00	1.00	0.00
3.16	44.86	2.00	0.00	1.00	0.00	3.17	45.31	2.00	0.00	1.00	0.00
3.18	45.83	2.00	0.00	1.00	0.00	3.19	46.21	2.00	0.00	1.00	0.00
3.20	45.97	2.00	0.00	1.00	0.00	3.21	45.52	2.00	0.00	1.00	0.00
3.22	44.72	2.00	0.00	1.00	0.00	3.23	44.02	2.00	0.00	1.00	0.00
3.24	43.28	2.00	0.00	1.00	0.00	3.25	43.08	2.00	0.00	1.00	0.00
3.26	42.98	2.00	0.00	1.00	0.00	3.27	42.98	2.00	0.00	1.00	0.00
3.28	42.27	2.00	0.00	1.00	0.00	3.29	41.22	2.00	0.00	1.00	0.00
3.30	39.80	2.00	0.00	1.00	0.00	3.31	38.12	2.00	0.00	1.00	0.00
3.32	36.84	2.00	0.00	1.00	0.00	3.33	35.81	2.00	0.00	1.00	0.00
3.34	35.33	2.00	0.00	1.00	0.00	3.35	34.88	2.00	0.00	1.00	0.00
3.36	34.23	2.00	0.00	1.00	0.00	3.37	33.87	2.00	0.00	1.00	0.00
3.38	33.42	2.00	0.00	1.00	0.00	3.39	32.81	2.00	0.00	1.00	0.00
3.40	32.13	2.00	0.00	1.00	0.00	3.41	31.23	2.00	0.00	1.00	0.00
3.42	30.62	2.00	0.00	1.00	0.00	3.43	29.93	2.00	0.00	1.00	0.00
3.44	29.40	2.00	0.00	1.00	0.00	3.45	28.90	2.00	0.00	1.00	0.00
3.46	28.09	2.00	0.00	1.00	0.00	3.47	27.29	2.00	0.00	1.00	0.00
3.48	26.48	2.00	0.00	1.00	0.00	3.49	25.99	2.00	0.00	1.00	0.00
3.50	25.51	2.00	0.00	1.00	0.00	3.51	25.43	2.00	0.00	1.00	0.00
3.52	25.45	2.00	0.00	1.00	0.00	3.53	25.55	2.00	0.00	1.00	0.00
3.54	25.38	2.00	0.00	1.00	0.00	3.55	25.27	2.00	0.00	1.00	0.00
3.56	25.23	2.00	0.00	1.00	0.00	3.57	25.25	2.00	0.00	1.00	0.00
3.58	25.31	2.00	0.00	1.00	0.00	3.59	25.32	2.00	0.00	1.00	0.00
3.60	25.44	2.00	0.00	1.00	0.00	3.61	25.58	2.00	0.00	1.00	0.00
3.62	25.75	2.00	0.00	1.00	0.00	3.63	25.80	2.00	0.00	1.00	0.00
3.64	25.42	2.00	0.00	1.00	0.00	3.65	25.44	2.00	0.00	1.00	0.00
3.66	25.58	2.00	0.00	1.00	0.00	3.67	26.09	2.00	0.00	1.00	0.00
3.68	26.17	2.00	0.00	1.00	0.00	3.69	26.13	2.00	0.00	1.00	0.00
3.70	26.36	2.00	0.00	1.00	0.00	3.71	26.57	2.00	0.00	1.00	0.00
3.72	26.77	2.00	0.00	1.00	0.00	3.73	26.37	2.00	0.00	1.00	0.00
3.74	25.89	2.00	0.00	1.00	0.00	3.75	25.46	2.00	0.00	1.00	0.00
3.76	25.42	2.00	0.00	1.00	0.00	3.77	25.45	2.00	0.00	1.00	0.00
3.78	23.97	2.00	0.00	1.00	0.00	3.79	22.16	2.00	0.00	1.00	0.00
3.80	19.92	2.00	0.00	1.00	0.00	3.81	20.73	2.00	0.00	1.00	0.00
3.82	21.39	2.00	0.00	1.00	0.00	3.83	21.73	2.00	0.00	1.00	0.00
3.84	21.89	2.00	0.00	1.00	0.00	3.85	21.89	2.00	0.00	1.00	0.00
3.86	21.99	2.00	0.00	1.00	0.00	3.87	22.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	22.05	2.00	0.00	1.00	0.00	3.89	21.92	2.00	0.00	1.00	0.00
3.90	21.81	2.00	0.00	1.00	0.00	3.91	21.81	2.00	0.00	1.00	0.00
3.92	21.43	2.00	0.00	1.00	0.00	3.93	20.89	2.00	0.00	1.00	0.00
3.94	20.46	2.00	0.00	1.00	0.00	3.95	20.62	2.00	0.00	1.00	0.00
3.96	21.04	2.00	0.00	1.00	0.00	3.97	21.45	2.00	0.00	1.00	0.00
3.98	21.85	2.00	0.00	1.00	0.00	3.99	22.12	2.00	0.00	1.00	0.00
4.00	22.66	2.00	0.00	1.00	0.00	4.01	23.17	2.00	0.00	1.00	0.00
4.02	23.90	2.00	0.00	1.00	0.00	4.03	24.26	2.00	0.00	1.00	0.00
4.04	24.67	2.00	0.00	1.00	0.00	4.05	24.67	2.00	0.00	1.00	0.00
4.06	24.61	2.00	0.00	1.00	0.00	4.07	24.36	2.00	0.00	1.00	0.00
4.08	24.27	2.00	0.00	1.00	0.00	4.09	24.15	2.00	0.00	1.00	0.00
4.10	23.97	2.00	0.00	1.00	0.00	4.11	23.71	2.00	0.00	1.00	0.00
4.12	23.53	2.00	0.00	1.00	0.00	4.13	23.22	2.00	0.00	1.00	0.00
4.14	23.22	2.00	0.00	1.00	0.00	4.15	23.10	2.00	0.00	1.00	0.00
4.16	23.23	2.00	0.00	1.00	0.00	4.17	23.00	2.00	0.00	1.00	0.00
4.18	22.72	2.00	0.00	1.00	0.00	4.19	22.31	2.00	0.00	1.00	0.00
4.20	22.12	2.00	0.00	1.00	0.00	4.21	22.27	2.00	0.00	1.00	0.00
4.22	22.52	2.00	0.00	1.00	0.00	4.23	22.76	2.00	0.00	1.00	0.00
4.24	23.07	2.00	0.00	1.00	0.00	4.25	23.35	2.00	0.00	1.00	0.00
4.26	23.82	2.00	0.00	1.00	0.00	4.27	24.12	2.00	0.00	1.00	0.00
4.28	24.35	2.00	0.00	1.00	0.00	4.29	24.61	2.00	0.00	1.00	0.00
4.30	24.81	2.00	0.00	1.00	0.00	4.31	25.01	2.00	0.00	1.00	0.00
4.32	24.92	2.00	0.00	1.00	0.00	4.33	24.91	2.00	0.00	1.00	0.00
4.34	25.01	2.00	0.00	1.00	0.00	4.35	25.34	2.00	0.00	1.00	0.00
4.36	25.53	2.00	0.00	1.00	0.00	4.37	25.62	2.00	0.00	1.00	0.00
4.38	25.56	2.00	0.00	1.00	0.00	4.39	25.50	2.00	0.00	1.00	0.00
4.40	25.36	2.00	0.00	1.00	0.00	4.41	25.27	2.00	0.00	1.00	0.00
4.42	25.26	2.00	0.00	1.00	0.00	4.43	25.27	2.00	0.00	1.00	0.00
4.44	25.23	2.00	0.00	1.00	0.00	4.45	25.05	2.00	0.00	1.00	0.00
4.46	25.04	2.00	0.00	1.00	0.00	4.47	25.08	2.00	0.00	1.00	0.00
4.48	25.16	2.00	0.00	1.00	0.00	4.49	25.03	2.00	0.00	1.00	0.00
4.50	24.80	2.00	0.00	1.00	0.00	4.51	24.38	2.00	0.00	1.00	0.00
4.52	23.91	2.00	0.00	1.00	0.00	4.53	23.39	2.00	0.00	1.00	0.00
4.54	22.92	2.00	0.00	1.00	0.00	4.55	22.73	2.00	0.00	1.00	0.00
4.56	22.65	2.00	0.00	1.00	0.00	4.57	22.70	2.00	0.00	1.00	0.00
4.58	22.83	2.00	0.00	1.00	0.00	4.59	23.00	2.00	0.00	1.00	0.00
4.60	23.54	2.00	0.00	1.00	0.00	4.61	23.95	2.00	0.00	1.00	0.00
4.62	24.25	2.00	0.00	1.00	0.00	4.63	24.20	2.00	0.00	1.00	0.00
4.64	24.31	2.00	0.00	1.00	0.00	4.65	24.52	2.00	0.00	1.00	0.00
4.66	24.79	2.00	0.00	1.00	0.00	4.67	25.18	2.00	0.00	1.00	0.00
4.68	25.52	2.00	0.00	1.00	0.00	4.69	25.64	2.00	0.00	1.00	0.00
4.70	25.30	2.00	0.00	1.00	0.00	4.71	24.86	2.00	0.00	1.00	0.00
4.72	24.44	2.00	0.00	1.00	0.00	4.73	24.23	2.00	0.00	1.00	0.00
4.74	24.06	2.00	0.00	1.00	0.00	4.75	24.00	2.00	0.00	1.00	0.00
4.76	23.95	2.00	0.00	1.00	0.00	4.77	23.94	2.00	0.00	1.00	0.00
4.78	22.74	2.00	0.00	1.00	0.00	4.79	21.12	2.00	0.00	1.00	0.00
4.80	19.19	2.00	0.00	1.00	0.00	4.81	19.26	2.00	0.00	1.00	0.00
4.82	19.45	2.00	0.00	1.00	0.00	4.83	19.60	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	19.58	2.00	0.00	1.00	0.00	4.85	19.66	2.00	0.00	1.00	0.00
4.86	19.76	2.00	0.00	1.00	0.00	4.87	19.86	2.00	0.00	1.00	0.00
4.88	20.14	2.00	0.00	1.00	0.00	4.89	20.40	2.00	0.00	1.00	0.00
4.90	20.66	2.00	0.00	1.00	0.00	4.91	20.66	2.00	0.00	1.00	0.00
4.92	20.39	2.00	0.00	1.00	0.00	4.93	20.23	2.00	0.00	1.00	0.00
4.94	20.12	2.00	0.00	1.00	0.00	4.95	20.39	2.00	0.00	1.00	0.00
4.96	20.47	2.00	0.00	1.00	0.00	4.97	20.39	2.00	0.00	1.00	0.00
4.98	20.29	2.00	0.00	1.00	0.00	4.99	20.39	2.00	0.00	1.00	0.00
5.00	20.64	2.00	0.00	1.00	0.00	5.01	21.00	2.00	0.00	1.00	0.00
5.02	21.15	2.00	0.00	1.00	0.00	5.03	21.23	2.00	0.00	1.00	0.00
5.04	21.13	2.00	0.00	1.00	0.00	5.05	21.05	2.00	0.00	1.00	0.00
5.06	20.97	2.00	0.00	1.00	0.00	5.07	21.06	2.00	0.00	1.00	0.00
5.08	21.22	2.00	0.00	1.00	0.00	5.09	21.47	2.00	0.00	1.00	0.00
5.10	21.72	2.00	0.00	1.00	0.00	5.11	22.05	2.00	0.00	1.00	0.00
5.12	22.19	2.00	0.00	1.00	0.00	5.13	22.20	2.00	0.00	1.00	0.00
5.14	22.34	2.00	0.00	1.00	0.00	5.15	22.57	2.00	0.00	1.00	0.00
5.16	22.87	2.00	0.00	1.00	0.00	5.17	22.93	2.00	0.00	1.00	0.00
5.18	23.16	2.00	0.00	1.00	0.00	5.19	23.37	2.00	0.00	1.00	0.00
5.20	23.59	2.00	0.00	1.00	0.00	5.21	23.71	2.00	0.00	1.00	0.00
5.22	23.78	2.00	0.00	1.00	0.00	5.23	23.84	2.00	0.00	1.00	0.00
5.24	23.92	2.00	0.00	1.00	0.00	5.25	24.00	2.00	0.00	1.00	0.00
5.26	24.46	2.00	0.00	1.00	0.00	5.27	24.90	2.00	0.00	1.00	0.00
5.28	25.25	2.00	0.00	1.00	0.00	5.29	25.08	2.00	0.00	1.00	0.00
5.30	24.76	2.00	0.00	1.00	0.00	5.31	24.58	2.00	0.00	1.00	0.00
5.32	24.64	2.00	0.00	1.00	0.00	5.33	24.84	2.00	0.00	1.00	0.00
5.34	24.91	2.00	0.00	1.00	0.00	5.35	24.92	2.00	0.00	1.00	0.00
5.36	24.86	2.00	0.00	1.00	0.00	5.37	24.97	2.00	0.00	1.00	0.00
5.38	24.97	2.00	0.00	1.00	0.00	5.39	24.89	2.00	0.00	1.00	0.00
5.40	24.58	2.00	0.00	1.00	0.00	5.41	24.30	2.00	0.00	1.00	0.00
5.42	23.97	2.00	0.00	1.00	0.00	5.43	23.67	2.00	0.00	1.00	0.00
5.44	23.76	2.00	0.00	1.00	0.00	5.45	23.96	2.00	0.00	1.00	0.00
5.46	24.37	2.00	0.00	1.00	0.00	5.47	24.57	2.00	0.00	1.00	0.00
5.48	24.88	2.00	0.00	1.00	0.00	5.49	25.07	2.00	0.00	1.00	0.00
5.50	25.24	2.00	0.00	1.00	0.00	5.51	25.30	2.00	0.00	1.00	0.00
5.52	25.36	2.00	0.00	1.00	0.00	5.53	25.48	2.00	0.00	1.00	0.00
5.54	25.67	2.00	0.00	1.00	0.00	5.55	25.85	2.00	0.00	1.00	0.00
5.56	25.92	2.00	0.00	1.00	0.00	5.57	25.92	2.00	0.00	1.00	0.00
5.58	25.98	2.00	0.00	1.00	0.00	5.59	25.98	2.00	0.00	1.00	0.00
5.60	26.03	2.00	0.00	1.00	0.00	5.61	26.16	2.00	0.00	1.00	0.00
5.62	26.26	2.00	0.00	1.00	0.00	5.63	26.21	2.00	0.00	1.00	0.00
5.64	25.90	2.00	0.00	1.00	0.00	5.65	25.71	2.00	0.00	1.00	0.00
5.66	25.58	2.00	0.00	1.00	0.00	5.67	25.51	2.00	0.00	1.00	0.00
5.68	25.39	2.00	0.00	1.00	0.00	5.69	25.58	2.00	0.00	1.00	0.00
5.70	25.77	2.00	0.00	1.00	0.00	5.71	25.96	2.00	0.00	1.00	0.00
5.72	26.14	2.00	0.00	1.00	0.00	5.73	26.43	2.00	0.00	1.00	0.00
5.74	26.70	2.00	0.00	1.00	0.00	5.75	26.75	2.00	0.00	1.00	0.00
5.76	26.75	2.00	0.00	1.00	0.00	5.77	25.06	2.00	0.00	1.00	0.00
5.78	23.08	2.00	0.00	1.00	0.00	5.79	21.38	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.40	2.00	0.00	1.00	0.00	5.81	21.43	2.00	0.00	1.00	0.00
5.82	21.47	2.00	0.00	1.00	0.00	5.83	21.57	2.00	0.00	1.00	0.00
5.84	21.66	2.00	0.00	1.00	0.00	5.85	21.71	2.00	0.00	1.00	0.00
5.86	21.83	2.00	0.00	1.00	0.00	5.87	22.04	2.00	0.00	1.00	0.00
5.88	22.32	2.00	0.00	1.00	0.00	5.89	22.45	2.00	0.00	1.00	0.00
5.90	22.60	2.00	0.00	1.00	0.00	5.91	22.69	2.00	0.00	1.00	0.00
5.92	22.78	2.00	0.00	1.00	0.00	5.93	22.69	2.00	0.00	1.00	0.00
5.94	22.65	2.00	0.00	1.00	0.00	5.95	22.61	2.00	0.00	1.00	0.00
5.96	22.75	2.00	0.00	1.00	0.00	5.97	22.90	2.00	0.00	1.00	0.00
5.98	23.06	2.00	0.00	1.00	0.00	5.99	23.12	2.00	0.00	1.00	0.00
6.00	23.19	2.00	0.00	1.00	0.00	6.01	23.25	2.00	0.00	1.00	0.00
6.02	23.40	2.00	0.00	1.00	0.00	6.03	23.49	2.00	0.00	1.00	0.00
6.04	23.58	2.00	0.00	1.00	0.00	6.05	23.58	2.00	0.00	1.00	0.00
6.06	23.58	2.00	0.00	1.00	0.00	6.07	23.64	2.00	0.00	1.00	0.00
6.08	23.84	2.00	0.00	1.00	0.00	6.09	24.03	2.00	0.00	1.00	0.00
6.10	24.09	2.00	0.00	1.00	0.00	6.11	23.96	2.00	0.00	1.00	0.00
6.12	23.84	2.00	0.00	1.00	0.00	6.13	23.62	2.00	0.00	1.00	0.00
6.14	23.51	2.00	0.00	1.00	0.00	6.15	23.55	2.00	0.00	1.00	0.00
6.16	23.72	2.00	0.00	1.00	0.00	6.17	23.77	2.00	0.00	1.00	0.00
6.18	23.66	2.00	0.00	1.00	0.00	6.19	23.48	2.00	0.00	1.00	0.00
6.20	23.46	2.00	0.00	1.00	0.00	6.21	23.37	2.00	0.00	1.00	0.00
6.22	23.50	2.00	0.00	1.00	0.00	6.23	23.77	2.00	0.00	1.00	0.00
6.24	24.17	2.00	0.00	1.00	0.00	6.25	24.52	2.00	0.00	1.00	0.00
6.26	24.98	2.00	0.00	1.00	0.00	6.27	25.46	2.00	0.00	1.00	0.00
6.28	25.85	2.00	0.00	1.00	0.00	6.29	26.09	2.00	0.00	1.00	0.00
6.30	26.26	2.00	0.00	1.00	0.00	6.31	26.37	2.00	0.00	1.00	0.00
6.32	26.28	2.00	0.00	1.00	0.00	6.33	26.25	2.00	0.00	1.00	0.00
6.34	26.53	2.00	0.00	1.00	0.00	6.35	26.86	2.00	0.00	1.00	0.00
6.36	27.17	2.00	0.00	1.00	0.00	6.37	27.36	2.00	0.00	1.00	0.00
6.38	27.53	2.00	0.00	1.00	0.00	6.39	27.60	2.00	0.00	1.00	0.00
6.40	27.43	2.00	0.00	1.00	0.00	6.41	27.24	2.00	0.00	1.00	0.00
6.42	26.98	2.00	0.00	1.00	0.00	6.43	26.47	2.00	0.00	1.00	0.00
6.44	26.13	2.00	0.00	1.00	0.00	6.45	25.97	2.00	0.00	1.00	0.00
6.46	26.51	2.00	0.00	1.00	0.00	6.47	26.92	2.00	0.00	1.00	0.00
6.48	27.40	2.00	0.00	1.00	0.00	6.49	27.57	2.00	0.00	1.00	0.00
6.50	27.74	2.00	0.00	1.00	0.00	6.51	27.84	2.00	0.00	1.00	0.00
6.52	27.84	2.00	0.00	1.00	0.00	6.53	27.76	2.00	0.00	1.00	0.00
6.54	27.68	2.00	0.00	1.00	0.00	6.55	27.78	2.00	0.00	1.00	0.00
6.56	28.08	2.00	0.00	1.00	0.00	6.57	28.32	2.00	0.00	1.00	0.00
6.58	28.48	2.00	0.00	1.00	0.00	6.59	28.43	2.00	0.00	1.00	0.00
6.60	28.38	2.00	0.00	1.00	0.00	6.61	28.38	2.00	0.00	1.00	0.00
6.62	28.54	2.00	0.00	1.00	0.00	6.63	28.78	2.00	0.00	1.00	0.00
6.64	28.97	2.00	0.00	1.00	0.00	6.65	29.00	2.00	0.00	1.00	0.00
6.66	28.95	2.00	0.00	1.00	0.00	6.67	28.84	2.00	0.00	1.00	0.00
6.68	28.84	2.00	0.00	1.00	0.00	6.69	29.04	2.00	0.00	1.00	0.00
6.70	29.55	2.00	0.00	1.00	0.00	6.71	30.14	2.00	0.00	1.00	0.00
6.72	30.58	2.00	0.00	1.00	0.00	6.73	31.03	2.00	0.00	1.00	0.00
6.74	31.29	2.00	0.00	1.00	0.00	6.75	31.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
6.76	31.46	2.00	0.00	1.00	0.00	6.77	29.28	2.00	0.00	1.00	0.00
6.78	27.18	2.00	0.00	1.00	0.00	6.79	24.95	2.00	0.00	1.00	0.00
6.80	25.72	2.00	0.00	1.00	0.00	6.81	26.40	2.00	0.00	1.00	0.00
6.82	26.93	2.00	0.00	1.00	0.00	6.83	27.34	2.00	0.00	1.00	0.00
6.84	27.46	2.00	0.00	1.00	0.00	6.85	27.58	2.00	0.00	1.00	0.00
6.86	27.46	2.00	0.00	1.00	0.00	6.87	27.28	2.00	0.00	1.00	0.00
6.88	27.16	2.00	0.00	1.00	0.00	6.89	27.33	2.00	0.00	1.00	0.00
6.90	27.51	2.00	0.00	1.00	0.00	6.91	27.63	2.00	0.00	1.00	0.00
6.92	27.63	2.00	0.00	1.00	0.00	6.93	27.63	2.00	0.00	1.00	0.00
6.94	27.62	2.00	0.00	1.00	0.00	6.95	27.57	2.00	0.00	1.00	0.00
6.96	27.57	2.00	0.00	1.00	0.00	6.97	27.62	2.00	0.00	1.00	0.00
6.98	27.80	2.00	0.00	1.00	0.00	6.99	27.96	2.00	0.00	1.00	0.00
7.00	28.13	2.00	0.00	1.00	0.00	7.01	28.40	2.00	0.00	1.00	0.00
7.02	28.72	2.00	0.00	1.00	0.00	7.03	29.20	2.00	0.00	1.00	0.00
7.04	29.56	2.00	0.00	1.00	0.00	7.05	29.76	2.00	0.00	1.00	0.00
7.06	29.61	2.00	0.00	1.00	0.00	7.07	29.38	2.00	0.00	1.00	0.00
7.08	29.24	2.00	0.00	1.00	0.00	7.09	29.99	2.00	0.00	1.00	0.00
7.10	30.67	2.00	0.00	1.00	0.00	7.11	31.46	2.00	0.00	1.00	0.00
7.12	32.04	2.00	0.00	1.00	0.00	7.13	32.77	2.00	0.00	1.00	0.00
7.14	33.28	2.00	0.00	1.00	0.00	7.15	33.43	2.00	0.00	1.00	0.00
7.16	33.40	2.00	0.00	1.00	0.00	7.17	33.24	2.00	0.00	1.00	0.00
7.18	33.02	2.00	0.00	1.00	0.00	7.19	32.92	2.00	0.00	1.00	0.00
7.20	33.12	2.00	0.00	1.00	0.00	7.21	33.44	2.00	0.00	1.00	0.00
7.22	33.65	2.00	0.00	1.00	0.00	7.23	33.35	2.00	0.00	1.00	0.00
7.24	32.79	2.00	0.00	1.00	0.00	7.25	32.03	2.00	0.00	1.00	0.00
7.26	31.62	2.00	0.00	1.00	0.00	7.27	31.27	2.00	0.00	1.00	0.00
7.28	31.11	2.00	0.00	1.00	0.00	7.29	31.12	2.00	0.00	1.00	0.00
7.30	31.23	2.00	0.00	1.00	0.00	7.31	31.20	2.00	0.00	1.00	0.00
7.32	30.99	2.00	0.00	1.00	0.00	7.33	30.69	2.00	0.00	1.00	0.00
7.34	30.34	2.00	0.00	1.00	0.00	7.35	30.06	2.00	0.00	1.00	0.00
7.36	29.98	2.00	0.00	1.00	0.00	7.37	30.15	2.00	0.00	1.00	0.00
7.38	30.25	2.00	0.00	1.00	0.00	7.39	29.95	2.00	0.00	1.00	0.00
7.40	29.62	2.00	0.00	1.00	0.00	7.41	29.02	2.00	0.00	1.00	0.00
7.42	28.60	2.00	0.00	1.00	0.00	7.43	27.84	2.00	0.00	1.00	0.00
7.44	27.23	2.00	0.00	1.00	0.00	7.45	26.58	2.00	0.00	1.00	0.00
7.46	26.13	2.00	0.00	1.00	0.00	7.47	25.95	2.00	0.00	1.00	0.00
7.48	25.97	2.00	0.00	1.00	0.00	7.49	26.37	2.00	0.00	1.00	0.00
7.50	27.10	2.00	0.00	1.00	0.00	7.51	27.90	2.00	0.00	1.00	0.00
7.52	28.54	2.00	0.00	1.00	0.00	7.53	29.18	2.00	0.00	1.00	0.00
7.54	29.63	2.00	0.00	1.00	0.00	7.55	30.80	2.00	0.00	1.00	0.00
7.56	32.01	2.00	0.00	1.00	0.00	7.57	33.62	2.00	0.00	1.00	0.00
7.58	35.24	2.00	0.00	1.00	0.00	7.59	36.67	2.00	0.00	1.00	0.00
7.60	37.92	2.00	0.00	1.00	0.00	7.61	38.75	2.00	0.00	1.00	0.00
7.62	39.43	2.00	0.00	1.00	0.00	7.63	39.89	2.00	0.00	1.00	0.00
7.64	40.04	2.00	0.00	1.00	0.00	7.65	40.05	2.00	0.00	1.00	0.00
7.66	40.19	2.00	0.00	1.00	0.00	7.67	40.48	2.00	0.00	1.00	0.00
7.68	40.85	2.00	0.00	1.00	0.00	7.69	40.92	2.00	0.00	1.00	0.00
7.70	40.73	2.00	0.00	1.00	0.00	7.71	40.26	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	39.77	2.00	0.00	1.00	0.00	7.73	39.51	2.00	0.00	1.00	0.00
7.74	39.52	2.00	0.00	1.00	0.00	7.75	39.65	2.00	0.00	1.00	0.00
7.76	39.72	2.00	0.00	1.00	0.00	7.77	38.37	2.00	0.00	1.00	0.00
7.78	37.11	2.00	0.00	1.00	0.00	7.79	35.90	2.00	0.00	1.00	0.00
7.80	36.29	2.00	0.00	1.00	0.00	7.81	36.41	2.00	0.00	1.00	0.00
7.82	36.39	2.00	0.00	1.00	0.00	7.83	36.37	2.00	0.00	1.00	0.00
7.84	36.28	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	35.72	2.00	0.00	1.00	0.00	7.87	35.30	2.00	0.00	1.00	0.00
7.88	34.88	2.00	0.00	1.00	0.00	7.89	34.62	2.00	0.00	1.00	0.00
7.90	34.36	2.00	0.00	1.00	0.00	7.91	34.09	2.00	0.00	1.00	0.00
7.92	33.68	2.00	0.00	1.00	0.00	7.93	33.35	2.00	0.00	1.00	0.00
7.94	33.15	2.00	0.00	1.00	0.00	7.95	33.12	2.00	0.00	1.00	0.00
7.96	33.14	2.00	0.00	1.00	0.00	7.97	33.10	2.00	0.00	1.00	0.00
7.98	33.07	2.00	0.00	1.00	0.00	7.99	32.99	2.00	0.00	1.00	0.00
8.00	33.00	2.00	0.00	1.00	0.00	8.01	33.26	2.00	0.00	1.00	0.00
8.02	33.74	2.00	0.00	1.00	0.00	8.03	34.29	2.00	0.00	1.00	0.00
8.04	34.67	2.00	0.00	1.00	0.00	8.05	34.90	2.00	0.00	1.00	0.00
8.06	35.07	2.00	0.00	1.00	0.00	8.07	35.19	2.00	0.00	1.00	0.00
8.08	35.39	2.00	0.00	1.00	0.00	8.09	35.59	2.00	0.00	1.00	0.00
8.10	35.87	2.00	0.00	1.00	0.00	8.11	36.11	2.00	0.00	1.00	0.00
8.12	36.57	2.00	0.00	1.00	0.00	8.13	36.94	2.00	0.00	1.00	0.00
8.14	37.26	2.00	0.00	1.00	0.00	8.15	37.18	2.00	0.00	1.00	0.00
8.16	37.03	2.00	0.00	1.00	0.00	8.17	36.88	2.00	0.00	1.00	0.00
8.18	37.03	2.00	0.00	1.00	0.00	8.19	37.36	2.00	0.00	1.00	0.00
8.20	37.76	2.00	0.00	1.00	0.00	8.21	38.00	2.00	0.00	1.00	0.00
8.22	38.19	2.00	0.00	1.00	0.00	8.23	38.45	2.00	0.00	1.00	0.00
8.24	38.75	2.00	0.00	1.00	0.00	8.25	38.99	2.00	0.00	1.00	0.00
8.26	39.12	2.00	0.00	1.00	0.00	8.27	39.20	2.00	0.00	1.00	0.00
8.28	39.39	2.00	0.00	1.00	0.00	8.29	39.72	2.00	0.00	1.00	0.00
8.30	40.05	2.00	0.00	1.00	0.00	8.31	40.22	2.00	0.00	1.00	0.00
8.32	39.93	2.00	0.00	1.00	0.00	8.33	39.47	2.00	0.00	1.00	0.00
8.34	38.94	2.00	0.00	1.00	0.00	8.35	38.60	2.00	0.00	1.00	0.00
8.36	38.40	2.00	0.00	1.00	0.00	8.37	38.29	2.00	0.00	1.00	0.00
8.38	38.20	2.00	0.00	1.00	0.00	8.39	38.10	2.00	0.00	1.00	0.00
8.40	38.04	2.00	0.00	1.00	0.00	8.41	38.04	2.00	0.00	1.00	0.00
8.42	38.07	2.00	0.00	1.00	0.00	8.43	38.06	2.00	0.00	1.00	0.00
8.44	38.06	2.00	0.00	1.00	0.00	8.45	38.09	2.00	0.00	1.00	0.00
8.46	38.10	2.00	0.00	1.00	0.00	8.47	38.06	2.00	0.00	1.00	0.00
8.48	38.03	2.00	0.00	1.00	0.00	8.49	38.05	2.00	0.00	1.00	0.00
8.50	38.01	2.00	0.00	1.00	0.00	8.51	37.73	2.00	0.00	1.00	0.00
8.52	37.45	2.00	0.00	1.00	0.00	8.53	37.09	2.00	0.00	1.00	0.00
8.54	36.73	2.00	0.00	1.00	0.00	8.55	36.37	2.00	0.00	1.00	0.00
8.56	36.25	2.00	0.00	1.00	0.00	8.57	36.30	2.00	0.00	1.00	0.00
8.58	36.07	2.00	0.00	1.00	0.00	8.59	35.73	2.00	0.00	1.00	0.00
8.60	35.34	2.00	0.00	1.00	0.00	8.61	35.46	2.00	0.00	1.00	0.00
8.62	35.69	2.00	0.00	1.00	0.00	8.63	35.98	2.00	0.00	1.00	0.00
8.64	36.11	2.00	0.00	1.00	0.00	8.65	36.61	2.00	0.00	1.00	0.00
8.66	37.21	2.00	0.00	1.00	0.00	8.67	37.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
8.68	38.38	2.00	0.00	1.00	0.00	8.69	38.86	2.00	0.00	1.00	0.00
8.70	39.30	2.00	0.00	1.00	0.00	8.71	39.86	2.00	0.00	1.00	0.00
8.72	40.51	2.00	0.00	1.00	0.00	8.73	41.42	2.00	0.00	1.00	0.00
8.74	42.61	2.00	0.00	1.00	0.00	8.75	43.52	2.00	0.00	1.00	0.00
8.76	44.08	2.00	0.00	1.00	0.00	8.77	42.51	2.00	0.00	1.00	0.00
8.78	41.25	2.00	0.00	1.00	0.00	8.79	40.63	2.00	0.00	1.00	0.00
8.80	42.60	2.00	0.00	1.00	0.00	8.81	44.72	2.00	0.00	1.00	0.00
8.82	46.40	2.00	0.00	1.00	0.00	8.83	47.30	2.00	0.00	1.00	0.00
8.84	47.57	2.00	0.00	1.00	0.00	8.85	47.46	2.00	0.00	1.00	0.00
8.86	47.20	2.00	0.00	1.00	0.00	8.87	46.81	2.00	0.00	1.00	0.00
8.88	46.45	2.00	0.00	1.00	0.00	8.89	46.17	2.00	0.00	1.00	0.00
8.90	46.05	2.00	0.00	1.00	0.00	8.91	45.99	2.00	0.00	1.00	0.00
8.92	45.78	2.00	0.00	1.00	0.00	8.93	45.45	2.00	0.00	1.00	0.00
8.94	44.81	2.00	0.00	1.00	0.00	8.95	43.68	2.00	0.00	1.00	0.00
8.96	42.62	0.36	4.70	1.00	0.05	8.97	42.03	0.35	4.76	1.00	0.05
8.98	42.16	0.35	4.74	1.00	0.05	8.99	42.16	0.35	4.74	1.00	0.05
9.00	42.03	0.35	4.76	1.00	0.05	9.01	41.85	0.35	4.77	1.00	0.05
9.02	41.75	0.35	4.78	1.00	0.05	9.03	41.65	0.35	4.79	1.00	0.05
9.04	41.68	0.35	4.79	1.00	0.05	9.05	42.38	0.36	4.72	1.00	0.05
9.06	43.16	0.36	4.65	1.00	0.05	9.07	43.94	0.36	4.59	1.00	0.05
9.08	44.45	0.36	4.54	1.00	0.05	9.09	45.38	0.37	4.47	1.00	0.04
9.10	47.53	2.00	0.00	1.00	0.00	9.11	49.91	2.00	0.00	1.00	0.00
9.12	52.13	2.00	0.00	1.00	0.00	9.13	53.49	2.00	0.00	1.00	0.00
9.14	54.27	2.00	0.00	1.00	0.00	9.15	54.51	2.00	0.00	1.00	0.00
9.16	54.38	2.00	0.00	1.00	0.00	9.17	54.46	2.00	0.00	1.00	0.00
9.18	54.79	2.00	0.00	1.00	0.00	9.19	54.07	2.00	0.00	1.00	0.00
9.20	52.22	2.00	0.00	1.00	0.00	9.21	49.58	2.00	0.00	1.00	0.00
9.22	48.29	2.00	0.00	1.00	0.00	9.23	48.35	2.00	0.00	1.00	0.00
9.24	49.81	2.00	0.00	1.00	0.00	9.25	51.06	2.00	0.00	1.00	0.00
9.26	51.92	2.00	0.00	1.00	0.00	9.27	51.81	2.00	0.00	1.00	0.00
9.28	51.34	2.00	0.00	1.00	0.00	9.29	50.57	2.00	0.00	1.00	0.00
9.30	49.91	2.00	0.00	1.00	0.00	9.31	49.71	0.38	4.14	1.00	0.04
9.32	49.67	0.38	4.15	1.00	0.04	9.33	49.73	0.38	4.14	1.00	0.04
9.34	50.26	0.38	4.11	1.00	0.04	9.35	52.31	0.39	3.98	1.00	0.04
9.36	55.68	0.40	3.78	1.00	0.04	9.37	60.41	0.42	3.53	1.00	0.04
9.38	66.40	0.45	3.27	1.00	0.03	9.39	71.25	0.47	3.09	1.00	0.03
9.40	74.68	0.50	2.97	1.00	0.03	9.41	75.74	0.50	2.93	1.00	0.03
9.42	75.73	0.50	2.93	1.00	0.03	9.43	75.39	0.50	2.95	1.00	0.03
9.44	75.25	0.50	2.95	1.00	0.03	9.45	75.80	0.50	2.93	1.00	0.03
9.46	76.93	0.51	2.90	1.00	0.03	9.47	78.01	0.52	2.86	1.00	0.03
9.48	78.78	0.53	2.84	1.00	0.03	9.49	78.94	0.53	2.84	1.00	0.03
9.50	78.85	0.53	2.84	1.00	0.03	9.51	78.66	0.53	2.85	1.00	0.03
9.52	78.56	0.52	2.85	1.00	0.03	9.53	78.76	0.53	2.84	1.00	0.03
9.54	79.51	0.53	2.82	1.00	0.03	9.55	80.56	0.54	2.79	1.00	0.03
9.56	82.15	0.55	2.75	1.00	0.03	9.57	85.38	0.58	2.66	1.00	0.03
9.58	89.31	0.61	2.56	1.00	0.03	9.59	93.76	0.66	2.46	1.00	0.02
9.60	98.44	0.71	2.37	1.00	0.02	9.61	103.41	0.77	1.93	1.00	0.02
9.62	107.98	0.83	1.82	1.00	0.02	9.63	109.86	0.86	1.36	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	109.73	2.00	0.00	1.00	0.00	9.65	108.79	2.00	0.00	1.00	0.00
9.66	107.71	2.00	0.00	1.00	0.00	9.67	106.75	2.00	0.00	1.00	0.00
9.68	105.19	2.00	0.00	1.00	0.00	9.69	102.97	2.00	0.00	1.00	0.00
9.70	100.68	2.00	0.00	1.00	0.00	9.71	98.24	2.00	0.00	1.00	0.00
9.72	95.96	2.00	0.00	1.00	0.00	9.73	92.52	2.00	0.00	1.00	0.00
9.74	89.18	2.00	0.00	1.00	0.00	9.75	86.68	2.00	0.00	1.00	0.00
9.76	85.99	2.00	0.00	1.00	0.00	9.77	90.51	2.00	0.00	1.00	0.00
9.78	94.66	2.00	0.00	1.00	0.00	9.79	98.65	2.00	0.00	1.00	0.00
9.80	98.55	2.00	0.00	1.00	0.00	9.81	98.90	2.00	0.00	1.00	0.00
9.82	99.79	2.00	0.00	1.00	0.00	9.83	100.53	2.00	0.00	1.00	0.00
9.84	101.10	2.00	0.00	1.00	0.00	9.85	101.34	2.00	0.00	1.00	0.00
9.86	100.93	2.00	0.00	1.00	0.00	9.87	100.07	2.00	0.00	1.00	0.00
9.88	99.21	2.00	0.00	1.00	0.00	9.89	99.24	2.00	0.00	1.00	0.00
9.90	99.30	2.00	0.00	1.00	0.00	9.91	99.16	2.00	0.00	1.00	0.00
9.92	98.77	2.00	0.00	1.00	0.00	9.93	99.54	2.00	0.00	1.00	0.00
9.94	101.30	2.00	0.00	1.00	0.00	9.95	103.68	2.00	0.00	1.00	0.00
9.96	105.44	2.00	0.00	1.00	0.00	9.97	106.53	2.00	0.00	1.00	0.00
9.98	107.46	2.00	0.00	1.00	0.00	9.99	108.52	2.00	0.00	1.00	0.00
10.00	110.43	2.00	0.00	1.00	0.00	10.01	112.55	2.00	0.00	1.00	0.00
10.02	115.10	2.00	0.00	1.00	0.00	10.03	117.14	2.00	0.00	1.00	0.00
10.04	119.35	2.00	0.00	1.00	0.00	10.05	121.08	2.00	0.00	1.00	0.00
10.06	122.02	2.00	0.00	1.00	0.00	10.07	122.21	2.00	0.00	1.00	0.00
10.08	122.96	2.00	0.00	1.00	0.00	10.09	124.21	2.00	0.00	1.00	0.00
10.10	125.17	2.00	0.00	1.00	0.00	10.11	123.98	2.00	0.00	1.00	0.00
10.12	121.88	2.00	0.00	1.00	0.00	10.13	119.51	2.00	0.00	1.00	0.00
10.14	117.99	2.00	0.00	1.00	0.00	10.15	116.79	2.00	0.00	1.00	0.00
10.16	116.54	2.00	0.00	1.00	0.00	10.17	117.38	2.00	0.00	1.00	0.00
10.18	119.07	2.00	0.00	1.00	0.00	10.19	120.83	2.00	0.00	1.00	0.00
10.20	121.69	2.00	0.00	1.00	0.00	10.21	120.38	2.00	0.00	1.00	0.00
10.22	117.54	2.00	0.00	1.00	0.00	10.23	115.00	2.00	0.00	1.00	0.00
10.24	114.49	2.00	0.00	1.00	0.00	10.25	116.96	2.00	0.00	1.00	0.00
10.26	120.87	2.00	0.00	1.00	0.00	10.27	123.15	2.00	0.00	1.00	0.00
10.28	122.61	2.00	0.00	1.00	0.00	10.29	119.70	2.00	0.00	1.00	0.00
10.30	117.58	2.00	0.00	1.00	0.00	10.31	116.13	2.00	0.00	1.00	0.00
10.32	114.89	2.00	0.00	1.00	0.00	10.33	113.56	2.00	0.00	1.00	0.00
10.34	112.05	2.00	0.00	1.00	0.00	10.35	110.93	2.00	0.00	1.00	0.00
10.36	109.89	2.00	0.00	1.00	0.00	10.37	109.25	2.00	0.00	1.00	0.00
10.38	109.09	2.00	0.00	1.00	0.00	10.39	108.64	2.00	0.00	1.00	0.00
10.40	107.76	2.00	0.00	1.00	0.00	10.41	106.51	2.00	0.00	1.00	0.00
10.42	106.15	2.00	0.00	1.00	0.00	10.43	106.76	2.00	0.00	1.00	0.00
10.44	107.55	2.00	0.00	1.00	0.00	10.45	108.04	2.00	0.00	1.00	0.00
10.46	107.46	2.00	0.00	1.00	0.00	10.47	107.10	2.00	0.00	1.00	0.00
10.48	106.97	2.00	0.00	1.00	0.00	10.49	107.07	2.00	0.00	1.00	0.00
10.50	107.02	2.00	0.00	1.00	0.00	10.51	106.79	2.00	0.00	1.00	0.00
10.52	106.76	2.00	0.00	1.00	0.00	10.53	106.40	2.00	0.00	1.00	0.00
10.54	105.21	2.00	0.00	1.00	0.00	10.55	103.63	2.00	0.00	1.00	0.00
10.56	101.34	2.00	0.00	1.00	0.00	10.57	99.34	2.00	0.00	1.00	0.00
10.58	98.02	2.00	0.00	1.00	0.00	10.59	97.60	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	97.48	2.00	0.00	1.00	0.00	10.61	95.49	2.00	0.00	1.00	0.00
10.62	93.15	2.00	0.00	1.00	0.00	10.63	90.87	2.00	0.00	1.00	0.00
10.64	89.71	2.00	0.00	1.00	0.00	10.65	88.58	2.00	0.00	1.00	0.00
10.66	87.60	2.00	0.00	1.00	0.00	10.67	87.18	2.00	0.00	1.00	0.00
10.68	86.60	2.00	0.00	1.00	0.00	10.69	85.96	2.00	0.00	1.00	0.00
10.70	85.31	2.00	0.00	1.00	0.00	10.71	84.62	2.00	0.00	1.00	0.00
10.72	83.68	2.00	0.00	1.00	0.00	10.73	82.42	2.00	0.00	1.00	0.00
10.74	81.56	2.00	0.00	1.00	0.00	10.75	81.02	2.00	0.00	1.00	0.00
10.76	75.89	2.00	0.00	1.00	0.00	10.77	71.58	2.00	0.00	1.00	0.00
10.78	67.09	2.00	0.00	1.00	0.00	10.79	68.12	2.00	0.00	1.00	0.00
10.80	68.16	2.00	0.00	1.00	0.00	10.81	68.33	2.00	0.00	1.00	0.00
10.82	68.70	2.00	0.00	1.00	0.00	10.83	69.11	2.00	0.00	1.00	0.00
10.84	69.39	2.00	0.00	1.00	0.00	10.85	69.48	2.00	0.00	1.00	0.00
10.86	71.38	2.00	0.00	1.00	0.00	10.87	73.88	2.00	0.00	1.00	0.00
10.88	76.75	2.00	0.00	1.00	0.00	10.89	78.30	2.00	0.00	1.00	0.00
10.90	79.77	2.00	0.00	1.00	0.00	10.91	81.39	2.00	0.00	1.00	0.00
10.92	83.22	2.00	0.00	1.00	0.00	10.93	84.32	2.00	0.00	1.00	0.00
10.94	85.25	2.00	0.00	1.00	0.00	10.95	86.75	2.00	0.00	1.00	0.00
10.96	89.69	2.00	0.00	1.00	0.00	10.97	93.34	2.00	0.00	1.00	0.00
10.98	96.36	2.00	0.00	1.00	0.00	10.99	99.45	2.00	0.00	1.00	0.00
11.00	101.98	2.00	0.00	1.00	0.00	11.01	104.15	2.00	0.00	1.00	0.00
11.02	105.56	2.00	0.00	1.00	0.00	11.03	106.91	2.00	0.00	1.00	0.00
11.04	108.66	2.00	0.00	1.00	0.00	11.05	109.99	2.00	0.00	1.00	0.00
11.06	110.85	2.00	0.00	1.00	0.00	11.07	110.41	2.00	0.00	1.00	0.00
11.08	109.49	2.00	0.00	1.00	0.00	11.09	107.74	2.00	0.00	1.00	0.00
11.10	105.28	2.00	0.00	1.00	0.00	11.11	101.94	2.00	0.00	1.00	0.00
11.12	97.86	2.00	0.00	1.00	0.00	11.13	94.47	2.00	0.00	1.00	0.00
11.14	91.56	2.00	0.00	1.00	0.00	11.15	89.40	2.00	0.00	1.00	0.00
11.16	86.67	2.00	0.00	1.00	0.00	11.17	82.36	2.00	0.00	1.00	0.00
11.18	78.43	2.00	0.00	1.00	0.00	11.19	75.20	2.00	0.00	1.00	0.00
11.20	73.83	2.00	0.00	1.00	0.00	11.21	72.49	2.00	0.00	1.00	0.00
11.22	71.23	2.00	0.00	1.00	0.00	11.23	70.71	2.00	0.00	1.00	0.00
11.24	70.24	2.00	0.00	1.00	0.00	11.25	70.06	2.00	0.00	1.00	0.00
11.26	69.28	2.00	0.00	1.00	0.00	11.27	67.97	2.00	0.00	1.00	0.00
11.28	66.06	2.00	0.00	1.00	0.00	11.29	63.45	2.00	0.00	1.00	0.00
11.30	61.38	2.00	0.00	1.00	0.00	11.31	60.06	2.00	0.00	1.00	0.00
11.32	59.84	0.44	3.56	1.00	0.04	11.33	60.16	0.45	3.54	1.00	0.04
11.34	60.29	0.45	3.54	1.00	0.04	11.35	60.31	0.45	3.54	1.00	0.04
11.36	60.24	0.45	3.54	1.00	0.04	11.37	60.15	0.45	3.54	1.00	0.04
11.38	60.05	0.45	3.55	1.00	0.04	11.39	59.71	0.45	3.57	1.00	0.04
11.40	59.42	0.44	3.58	1.00	0.04	11.41	59.66	0.45	3.57	1.00	0.04
11.42	60.39	0.45	3.53	1.00	0.04	11.43	61.19	0.45	3.50	1.00	0.03
11.44	61.69	0.45	3.47	1.00	0.03	11.45	61.84	0.46	3.47	1.00	0.03
11.46	61.94	0.46	3.46	1.00	0.03	11.47	62.48	0.46	3.44	1.00	0.03
11.48	63.54	0.46	3.39	1.00	0.03	11.49	65.42	0.47	3.31	1.00	0.03
11.50	67.70	2.00	0.00	1.00	0.00	11.51	69.40	2.00	0.00	1.00	0.00
11.52	70.36	2.00	0.00	1.00	0.00	11.53	70.99	2.00	0.00	1.00	0.00
11.54	72.24	2.00	0.00	1.00	0.00	11.55	74.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	77.46	2.00	0.00	1.00	0.00	11.57	79.63	2.00	0.00	1.00	0.00
11.58	80.19	2.00	0.00	1.00	0.00	11.59	79.72	2.00	0.00	1.00	0.00
11.60	78.95	2.00	0.00	1.00	0.00	11.61	78.52	0.56	2.85	1.00	0.03
11.62	78.69	0.56	2.84	1.00	0.03	11.63	78.88	0.56	2.84	1.00	0.03
11.64	79.01	0.57	2.83	1.00	0.03	11.65	79.11	0.57	2.83	1.00	0.03
11.66	79.39	2.00	0.00	1.00	0.00	11.67	79.77	2.00	0.00	1.00	0.00
11.68	80.70	2.00	0.00	1.00	0.00	11.69	81.67	2.00	0.00	1.00	0.00
11.70	82.55	2.00	0.00	1.00	0.00	11.71	83.52	2.00	0.00	1.00	0.00
11.72	83.94	2.00	0.00	1.00	0.00	11.73	84.28	2.00	0.00	1.00	0.00
11.74	83.91	2.00	0.00	1.00	0.00	11.75	83.88	2.00	0.00	1.00	0.00
11.76	86.92	2.00	0.00	1.00	0.00	11.77	89.66	2.00	0.00	1.00	0.00
11.78	91.93	2.00	0.00	1.00	0.00	11.79	90.89	2.00	0.00	1.00	0.00
11.80	89.60	2.00	0.00	1.00	0.00	11.81	88.65	2.00	0.00	1.00	0.00
11.82	87.84	2.00	0.00	1.00	0.00	11.83	87.25	2.00	0.00	1.00	0.00
11.84	85.32	2.00	0.00	1.00	0.00	11.85	83.06	2.00	0.00	1.00	0.00
11.86	79.89	2.00	0.00	1.00	0.00	11.87	76.54	2.00	0.00	1.00	0.00
11.88	73.46	2.00	0.00	1.00	0.00	11.89	71.54	2.00	0.00	1.00	0.00
11.90	71.04	2.00	0.00	1.00	0.00	11.91	71.31	0.52	3.08	1.00	0.03
11.92	71.78	0.52	3.07	1.00	0.03	11.93	73.94	0.53	2.99	1.00	0.03
11.94	76.68	0.55	2.91	1.00	0.03	11.95	80.24	0.58	2.80	1.00	0.03
11.96	83.47	0.61	2.71	1.00	0.03	11.97	86.90	0.64	2.62	1.00	0.03
11.98	89.47	0.67	2.56	1.00	0.03	11.99	90.84	2.00	0.00	1.00	0.00
12.00	88.50	2.00	0.00	1.00	0.00	12.01	86.05	2.00	0.00	1.00	0.00
12.02	84.08	2.00	0.00	1.00	0.00	12.03	84.13	2.00	0.00	1.00	0.00
12.04	83.81	2.00	0.00	1.00	0.00	12.05	83.70	2.00	0.00	1.00	0.00
12.06	84.08	2.00	0.00	1.00	0.00	12.07	84.24	2.00	0.00	1.00	0.00
12.08	83.56	2.00	0.00	1.00	0.00	12.09	83.52	2.00	0.00	1.00	0.00
12.10	84.44	2.00	0.00	1.00	0.00	12.11	86.39	2.00	0.00	1.00	0.00
12.12	87.98	2.00	0.00	1.00	0.00	12.13	88.34	2.00	0.00	1.00	0.00
12.14	87.28	2.00	0.00	1.00	0.00	12.15	84.41	2.00	0.00	1.00	0.00
12.16	81.58	2.00	0.00	1.00	0.00	12.17	78.99	2.00	0.00	1.00	0.00
12.18	77.58	2.00	0.00	1.00	0.00	12.19	76.29	2.00	0.00	1.00	0.00
12.20	75.45	2.00	0.00	1.00	0.00	12.21	75.38	2.00	0.00	1.00	0.00
12.22	75.96	2.00	0.00	1.00	0.00	12.23	74.81	2.00	0.00	1.00	0.00
12.24	72.17	2.00	0.00	1.00	0.00	12.25	68.23	2.00	0.00	1.00	0.00
12.26	64.55	2.00	0.00	1.00	0.00	12.27	62.06	2.00	0.00	1.00	0.00
12.28	61.37	0.47	3.49	1.00	0.03	12.29	62.90	0.48	3.42	1.00	0.03
12.30	64.65	0.48	3.34	1.00	0.03	12.31	66.17	0.49	3.28	1.00	0.03
12.32	68.91	0.51	3.17	1.00	0.03	12.33	73.00	0.54	3.02	1.00	0.03
12.34	76.84	0.56	2.90	1.00	0.03	12.35	79.37	0.58	2.82	1.00	0.03
12.36	80.04	0.59	2.80	1.00	0.03	12.37	80.42	0.59	2.79	1.00	0.03
12.38	80.80	0.60	2.78	1.00	0.03	12.39	80.64	0.60	2.79	1.00	0.03
12.40	79.89	0.59	2.81	1.00	0.03	12.41	78.46	0.58	2.85	1.00	0.03
12.42	77.32	0.57	2.89	1.00	0.03	12.43	76.70	0.57	2.90	1.00	0.03
12.44	77.01	0.57	2.89	1.00	0.03	12.45	77.72	0.57	2.87	1.00	0.03
12.46	78.77	0.58	2.84	1.00	0.03	12.47	79.90	0.59	2.81	1.00	0.03
12.48	80.06	0.59	2.80	1.00	0.03	12.49	79.11	0.59	2.83	1.00	0.03
12.50	77.30	0.57	2.89	1.00	0.03	12.51	76.28	0.56	2.92	1.00	0.03



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	76.25	0.56	2.92	1.00	0.03	12.53	76.84	0.57	2.90	1.00	0.03
12.54	77.07	0.57	2.89	1.00	0.03	12.55	76.44	0.57	2.91	1.00	0.03
12.56	74.55	0.55	2.97	1.00	0.03	12.57	72.61	0.54	3.04	1.00	0.03
12.58	71.41	0.53	3.08	1.00	0.03	12.59	71.69	0.53	3.07	1.00	0.03
12.60	61.00	0.47	3.50	1.00	0.04	12.61	64.44	0.49	3.35	1.00	0.03
12.62	68.47	0.51	3.19	1.00	0.03	12.63	83.25	0.62	2.72	1.00	0.03
12.64	86.28	0.65	2.64	1.00	0.03	12.65	88.69	0.68	2.58	1.00	0.03
12.66	90.49	0.70	2.54	1.00	0.03	12.67	91.90	0.71	2.50	1.00	0.03
12.68	92.09	0.72	2.50	1.00	0.02	12.69	90.20	0.69	2.54	1.00	0.03
12.70	78.58	0.59	2.85	1.00	0.03	12.71	76.06	0.57	2.92	1.00	0.03
12.72	73.51	0.55	3.01	1.00	0.03	12.73	71.30	0.53	3.08	1.00	0.03
12.74	70.40	0.53	3.12	1.00	0.03	12.75	70.01	0.53	3.13	1.00	0.03
12.76	69.22	0.52	3.16	1.00	0.03	12.77	68.61	0.52	3.18	1.00	0.03
12.78	68.23	0.52	3.20	1.00	0.03	12.79	68.85	0.52	3.17	1.00	0.03
12.80	69.66	0.52	3.14	1.00	0.03	12.81	70.22	0.53	3.12	1.00	0.03
12.82	70.40	0.53	3.12	1.00	0.03	12.83	69.87	0.53	3.14	1.00	0.03
12.84	69.08	0.52	3.16	1.00	0.03	12.85	68.17	0.52	3.20	1.00	0.03
12.86	67.41	0.51	3.23	1.00	0.03	12.87	66.93	0.51	3.25	1.00	0.03
12.88	67.01	0.51	3.24	1.00	0.03	12.89	67.56	0.51	3.22	1.00	0.03
12.90	68.43	0.52	3.19	1.00	0.03	12.91	69.37	0.53	3.15	1.00	0.03
12.92	70.51	0.53	3.11	1.00	0.03	12.93	71.46	0.54	3.08	1.00	0.03
12.94	72.14	0.54	3.05	1.00	0.03	12.95	72.32	0.55	3.05	1.00	0.03
12.96	72.21	0.55	3.05	1.00	0.03	12.97	71.76	0.54	3.07	1.00	0.03
12.98	71.20	0.54	3.09	1.00	0.03	12.99	70.86	0.54	3.10	1.00	0.03
13.00	70.84	0.54	3.10	1.00	0.03	13.01	71.10	0.54	3.09	1.00	0.03
13.02	71.59	0.54	3.07	1.00	0.03	13.03	72.05	0.55	3.06	1.00	0.03
13.04	72.29	0.55	3.05	1.00	0.03	13.05	72.30	0.55	3.05	1.00	0.03
13.06	72.37	0.55	3.05	1.00	0.03	13.07	72.51	0.55	3.04	1.00	0.03
13.08	72.51	0.55	3.04	1.00	0.03	13.09	72.33	0.55	3.05	1.00	0.03
13.10	71.96	0.55	3.06	1.00	0.03	13.11	71.49	0.54	3.08	1.00	0.03
13.12	70.77	0.54	3.10	1.00	0.03	13.13	70.01	0.53	3.13	1.00	0.03
13.14	69.11	0.53	3.16	1.00	0.03	13.15	67.76	0.52	3.22	1.00	0.03
13.16	66.17	0.51	3.28	1.00	0.03	13.17	64.58	0.50	3.34	1.00	0.03
13.18	63.31	0.50	3.40	1.00	0.03	13.19	62.33	0.49	3.44	1.00	0.03
13.20	61.60	0.49	3.48	1.00	0.03	13.21	61.23	0.49	3.49	1.00	0.03
13.22	60.93	0.48	3.51	1.00	0.04	13.23	73.32	0.56	3.01	1.00	0.03
13.24	73.06	0.56	3.02	1.00	0.03	13.25	72.57	0.55	3.04	1.00	0.03
13.26	71.63	0.55	3.07	1.00	0.03	13.27	70.44	0.54	3.11	1.00	0.03
13.28	69.04	0.53	3.17	1.00	0.03	13.29	67.28	0.52	3.23	1.00	0.03
13.30	65.56	0.51	3.30	1.00	0.03	13.31	63.99	0.50	3.37	1.00	0.03
13.32	62.85	0.50	3.42	1.00	0.03	13.33	61.94	0.49	3.46	1.00	0.03
13.34	61.27	0.49	3.49	1.00	0.03	13.35	60.75	0.49	3.52	1.00	0.04
13.36	60.43	0.48	3.53	1.00	0.04	13.37	60.20	0.48	3.54	1.00	0.04
13.38	60.30	0.48	3.54	1.00	0.04	13.39	60.42	0.49	3.53	1.00	0.04
13.40	60.49	0.49	3.53	1.00	0.04	13.41	60.31	0.49	3.54	1.00	0.04
13.42	59.89	0.48	3.56	1.00	0.04	13.43	59.10	0.48	3.60	1.00	0.04
13.44	58.19	0.48	3.64	1.00	0.04	13.45	57.21	0.47	3.69	1.00	0.04
13.46	39.52	0.40	5.00	1.00	0.05	13.47	39.79	0.40	4.97	1.00	0.05

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
13.48	40.20	0.40	4.93	1.00	0.05	13.49	40.59	0.41	4.89	1.00	0.05
13.50	41.09	0.41	4.85	1.00	0.05	13.51	41.56	0.41	4.80	1.00	0.05
13.52	42.00	0.41	4.76	1.00	0.05	13.53	42.34	0.41	4.73	1.00	0.05
13.54	42.61	0.42	4.70	1.00	0.05	13.55	42.80	0.42	4.69	1.00	0.05
13.56	42.89	0.42	4.68	1.00	0.05	13.57	42.97	0.42	4.67	1.00	0.05
13.58	43.02	0.42	4.67	1.00	0.05	13.59	43.13	0.42	4.66	1.00	0.05
13.60	43.24	0.42	4.65	1.00	0.05	13.61	43.42	0.42	4.63	1.00	0.05
13.62	43.61	0.42	4.61	1.00	0.05	13.63	43.90	0.42	4.59	1.00	0.05
13.64	44.26	0.42	4.56	1.00	0.05	13.65	44.84	0.43	4.51	1.00	0.05
13.66	45.45	0.43	4.46	1.00	0.04	13.67	46.06	0.43	4.41	1.00	0.04
13.68	46.85	0.43	4.35	1.00	0.04	13.69	47.78	0.44	4.28	1.00	0.04
13.70	49.09	0.44	4.19	1.00	0.04	13.71	50.08	0.45	4.12	1.00	0.04
13.72	50.86	0.45	4.07	1.00	0.04	13.73	51.11	0.45	4.05	1.00	0.04
13.74	51.19	0.45	4.05	1.00	0.04	13.75	50.49	0.45	4.09	1.00	0.04
13.76	49.58	0.45	4.15	1.00	0.04	13.77	48.53	0.44	4.23	1.00	0.04
13.78	47.95	0.44	4.27	1.00	0.04	13.79	47.58	0.44	4.30	1.00	0.04
13.80	47.39	0.44	4.31	1.00	0.04	13.81	47.44	0.44	4.31	1.00	0.04
13.82	47.77	0.44	4.28	1.00	0.04	13.83	48.41	0.44	4.24	1.00	0.04
13.84	49.23	0.45	4.18	1.00	0.04	13.85	50.01	0.45	4.12	1.00	0.04
13.86	51.21	0.45	4.04	1.00	0.04	13.87	52.76	0.46	3.95	1.00	0.04
13.88	54.69	0.47	3.83	1.00	0.04	13.89	57.12	0.48	3.70	1.00	0.04
13.90	59.55	0.49	3.57	1.00	0.04	13.91	61.76	0.50	3.47	1.00	0.03
13.92	63.26	0.51	3.40	1.00	0.03	13.93	64.20	0.52	3.36	1.00	0.03
13.94	64.66	0.52	3.34	1.00	0.03	13.95	64.41	0.52	3.35	1.00	0.03
13.96	64.16	0.52	3.36	1.00	0.03	13.97	63.95	0.52	3.37	1.00	0.03
13.98	64.06	0.52	3.37	1.00	0.03	13.99	64.40	0.52	3.35	1.00	0.03
14.00	65.10	0.52	3.32	1.00	0.03	14.01	66.14	0.53	3.28	1.00	0.03
14.02	67.11	0.54	3.24	1.00	0.03	14.03	67.88	0.54	3.21	1.00	0.03
14.04	67.88	0.54	3.21	1.00	0.03	14.05	67.48	0.54	3.23	1.00	0.03
14.06	66.67	0.53	3.26	1.00	0.03	14.07	65.38	0.53	3.31	1.00	0.03
14.08	63.85	0.52	3.38	1.00	0.03	14.09	62.04	0.51	3.46	1.00	0.03
14.10	60.44	0.50	3.53	1.00	0.04	14.11	71.57	0.57	3.07	1.00	0.03
14.12	70.58	0.56	3.11	1.00	0.03	14.13	69.69	0.56	3.14	1.00	0.03
14.14	69.38	0.55	3.15	1.00	0.03	14.15	69.53	0.55	3.15	1.00	0.03
14.16	69.92	0.56	3.13	1.00	0.03	14.17	70.35	0.56	3.12	1.00	0.03
14.18	70.53	0.56	3.11	1.00	0.03	14.19	70.66	0.56	3.11	1.00	0.03
14.20	70.80	0.56	3.10	1.00	0.03	14.21	71.01	0.57	3.09	1.00	0.03
14.22	71.26	0.57	3.09	1.00	0.03	14.23	71.53	0.57	3.08	1.00	0.03
14.24	71.98	0.57	3.06	1.00	0.03	14.25	72.45	0.58	3.04	1.00	0.03
14.26	60.74	0.51	3.52	1.00	0.04	14.27	61.86	0.51	3.46	1.00	0.03
14.28	62.88	0.52	3.42	1.00	0.03	14.29	63.80	0.52	3.38	1.00	0.03
14.30	64.24	0.53	3.36	1.00	0.03	14.31	64.41	0.53	3.35	1.00	0.03
14.32	64.34	0.53	3.35	1.00	0.03	14.33	63.76	0.52	3.38	1.00	0.03
14.34	63.02	0.52	3.41	1.00	0.03	14.35	62.17	0.51	3.45	1.00	0.03
14.36	61.49	0.51	3.48	1.00	0.03	14.37	60.95	0.51	3.51	1.00	0.04
14.38	60.71	0.51	3.52	1.00	0.04	14.39	60.92	0.51	3.51	1.00	0.04
14.40	61.36	0.51	3.49	1.00	0.03	14.41	61.91	0.51	3.46	1.00	0.03
14.42	62.35	0.52	3.44	1.00	0.03	14.43	62.42	0.52	3.44	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	62.16	0.52	3.45	1.00	0.03	14.45	61.65	0.51	3.47	1.00	0.03
14.46	60.88	0.51	3.51	1.00	0.04	14.47	59.96	0.51	3.55	1.00	0.04
14.48	58.95	0.50	3.60	1.00	0.04	14.49	57.76	0.50	3.66	1.00	0.04
14.50	56.44	0.49	3.73	1.00	0.04	14.51	54.99	0.48	3.82	1.00	0.04
14.52	53.80	0.48	3.88	1.00	0.04	14.53	66.40	0.54	3.27	1.00	0.03
14.54	65.36	0.54	3.31	1.00	0.03	14.55	64.13	0.53	3.36	1.00	0.03
14.56	63.16	0.53	3.41	1.00	0.03	14.57	62.19	0.52	3.45	1.00	0.03
14.58	61.29	0.52	3.49	1.00	0.03	14.59	60.55	0.51	3.53	1.00	0.04
14.60	60.00	0.51	3.55	1.00	0.04	14.61	59.71	0.51	3.57	1.00	0.04
14.62	59.53	0.51	3.58	1.00	0.04	14.63	59.49	0.51	3.58	1.00	0.04
14.64	59.62	0.51	3.57	1.00	0.04	14.65	59.95	0.51	3.55	1.00	0.04
14.66	60.81	0.51	3.51	1.00	0.04	14.67	61.94	0.52	3.46	1.00	0.03
14.68	63.34	0.53	3.40	1.00	0.03	14.69	64.49	0.54	3.35	1.00	0.03
14.70	65.31	0.54	3.31	1.00	0.03	14.71	65.75	0.54	3.30	1.00	0.03
14.72	65.85	0.55	3.29	1.00	0.03	14.73	65.89	0.55	3.29	1.00	0.03
14.74	50.90	0.47	4.07	1.00	0.04	14.75	54.07	0.49	3.87	1.00	0.04
14.76	58.24	0.50	3.64	1.00	0.04	14.77	62.45	0.53	3.44	1.00	0.03
14.78	66.72	0.55	3.26	1.00	0.03	14.79	70.90	0.58	3.10	1.00	0.03
14.80	74.03	0.60	2.99	1.00	0.03	14.81	76.31	0.62	2.92	1.00	0.03
14.82	77.73	0.64	2.87	1.00	0.03	14.83	77.93	0.64	2.87	1.00	0.03
14.84	77.43	0.63	2.88	1.00	0.03	14.85	76.56	0.63	2.91	1.00	0.03
14.86	75.49	0.62	2.94	1.00	0.03	14.87	74.29	0.61	2.98	1.00	0.03
14.88	73.19	0.60	3.02	1.00	0.03	14.89	72.12	0.59	3.05	1.00	0.03
14.90	71.25	0.59	3.09	1.00	0.03	14.91	70.49	0.58	3.11	1.00	0.03
14.92	69.82	0.58	3.14	1.00	0.03	14.93	69.59	0.58	3.15	1.00	0.03
14.94	69.63	0.58	3.14	1.00	0.03	14.95	70.13	0.58	3.13	1.00	0.03
14.96	71.78	0.59	3.07	1.00	0.03	14.97	74.09	0.61	2.99	1.00	0.03
14.98	77.06	0.63	2.89	1.00	0.03	14.99	80.27	0.66	2.80	1.00	0.03
15.00	85.42	0.71	2.66	1.00	0.03	15.01	90.86	2.00	0.00	1.00	0.00
15.02	96.02	2.00	0.00	1.00	0.00	15.03	100.08	2.00	0.00	1.00	0.00
15.04	103.57	2.00	0.00	1.00	0.00	15.05	106.06	2.00	0.00	1.00	0.00
15.06	106.62	2.00	0.00	1.00	0.00	15.07	105.54	2.00	0.00	1.00	0.00
15.08	104.03	2.00	0.00	1.00	0.00	15.09	102.42	2.00	0.00	1.00	0.00
15.10	100.85	2.00	0.00	1.00	0.00	15.11	98.91	2.00	0.00	1.00	0.00
15.12	96.71	2.00	0.00	1.00	0.00	15.13	93.77	2.00	0.00	1.00	0.00
15.14	90.80	2.00	0.00	1.00	0.00	15.15	87.99	2.00	0.00	1.00	0.00
15.16	86.32	2.00	0.00	1.00	0.00	15.17	85.48	2.00	0.00	1.00	0.00
15.18	85.54	2.00	0.00	1.00	0.00	15.19	87.26	2.00	0.00	1.00	0.00
15.20	89.71	2.00	0.00	1.00	0.00	15.21	92.63	2.00	0.00	1.00	0.00
15.22	96.05	2.00	0.00	1.00	0.00	15.23	99.60	2.00	0.00	1.00	0.00
15.24	103.28	2.00	0.00	1.00	0.00	15.25	106.16	2.00	0.00	1.00	0.00
15.26	110.09	2.00	0.00	1.00	0.00	15.27	114.18	2.00	0.00	1.00	0.00
15.28	118.37	2.00	0.00	1.00	0.00	15.29	121.96	2.00	0.00	1.00	0.00
15.30	124.79	2.00	0.00	1.00	0.00	15.31	126.88	2.00	0.00	1.00	0.00
15.32	127.69	2.00	0.00	1.00	0.00	15.33	128.20	2.00	0.00	1.00	0.00
15.34	128.41	2.00	0.00	1.00	0.00	15.35	128.22	2.00	0.00	1.00	0.00
15.36	127.54	2.00	0.00	1.00	0.00	15.37	126.86	2.00	0.00	1.00	0.00
15.38	126.38	2.00	0.00	1.00	0.00	15.39	125.94	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	125.26	2.00	0.00	1.00	0.00	15.41	124.15	2.00	0.00	1.00	0.00
15.42	122.88	2.00	0.00	1.00	0.00	15.43	121.68	2.00	0.00	1.00	0.00
15.44	120.58	2.00	0.00	1.00	0.00	15.45	118.82	2.00	0.00	1.00	0.00
15.46	116.57	2.00	0.00	1.00	0.00	15.47	114.23	2.00	0.00	1.00	0.00
15.48	112.24	2.00	0.00	1.00	0.00	15.49	110.54	2.00	0.00	1.00	0.00
15.50	108.74	2.00	0.00	1.00	0.00	15.51	106.72	2.00	0.00	1.00	0.00
15.52	104.50	2.00	0.00	1.00	0.00	15.53	102.28	2.00	0.00	1.00	0.00
15.54	99.80	2.00	0.00	1.00	0.00	15.55	97.19	2.00	0.00	1.00	0.00
15.56	94.35	2.00	0.00	1.00	0.00	15.57	91.38	2.00	0.00	1.00	0.00
15.58	97.03	2.00	0.00	1.00	0.00	15.59	95.01	2.00	0.00	1.00	0.00
15.60	93.07	2.00	0.00	1.00	0.00	15.61	91.30	2.00	0.00	1.00	0.00
15.62	89.81	2.00	0.00	1.00	0.00	15.63	88.96	2.00	0.00	1.00	0.00
15.64	88.36	2.00	0.00	1.00	0.00	15.65	87.92	2.00	0.00	1.00	0.00
15.66	87.60	2.00	0.00	1.00	0.00	15.67	87.47	2.00	0.00	1.00	0.00
15.68	87.25	2.00	0.00	1.00	0.00	15.69	86.74	2.00	0.00	1.00	0.00
15.70	85.50	2.00	0.00	1.00	0.00	15.71	83.50	2.00	0.00	1.00	0.00
15.72	81.41	2.00	0.00	1.00	0.00	15.73	80.02	2.00	0.00	1.00	0.00
15.74	79.50	2.00	0.00	1.00	0.00	15.75	75.25	2.00	0.00	1.00	0.00
15.76	70.59	2.00	0.00	1.00	0.00	15.77	65.45	2.00	0.00	1.00	0.00
15.78	64.42	2.00	0.00	1.00	0.00	15.79	63.45	2.00	0.00	1.00	0.00
15.80	62.26	2.00	0.00	1.00	0.00	15.81	61.17	2.00	0.00	1.00	0.00
15.82	60.66	2.00	0.00	1.00	0.00	15.83	61.34	2.00	0.00	1.00	0.00
15.84	62.28	2.00	0.00	1.00	0.00	15.85	62.97	2.00	0.00	1.00	0.00
15.86	63.62	2.00	0.00	1.00	0.00	15.87	64.43	2.00	0.00	1.00	0.00
15.88	65.54	2.00	0.00	1.00	0.00	15.89	66.48	2.00	0.00	1.00	0.00
15.90	68.24	2.00	0.00	1.00	0.00	15.91	70.00	2.00	0.00	1.00	0.00
15.92	71.67	2.00	0.00	1.00	0.00	15.93	72.73	2.00	0.00	1.00	0.00
15.94	73.73	2.00	0.00	1.00	0.00	15.95	74.59	2.00	0.00	1.00	0.00
15.96	73.08	2.00	0.00	1.00	0.00	15.97	69.97	2.00	0.00	1.00	0.00
15.98	65.53	2.00	0.00	1.00	0.00	15.99	63.18	2.00	0.00	1.00	0.00
16.00	62.42	2.00	0.00	1.00	0.00	16.01	63.14	2.00	0.00	1.00	0.00
16.02	64.77	2.00	0.00	1.00	0.00	16.03	66.66	2.00	0.00	1.00	0.00
16.04	68.93	2.00	0.00	1.00	0.00	16.05	72.53	2.00	0.00	1.00	0.00
16.06	76.67	2.00	0.00	1.00	0.00	16.07	80.55	2.00	0.00	1.00	0.00
16.08	82.71	2.00	0.00	1.00	0.00	16.09	83.93	2.00	0.00	1.00	0.00
16.10	84.16	2.00	0.00	1.00	0.00	16.11	82.53	2.00	0.00	1.00	0.00
16.12	80.17	2.00	0.00	1.00	0.00	16.13	76.90	2.00	0.00	1.00	0.00
16.14	72.61	2.00	0.00	1.00	0.00	16.15	67.98	2.00	0.00	1.00	0.00
16.16	63.61	2.00	0.00	1.00	0.00	16.17	60.35	2.00	0.00	1.00	0.00
16.18	57.81	2.00	0.00	1.00	0.00	16.19	56.68	2.00	0.00	1.00	0.00
16.20	58.75	2.00	0.00	1.00	0.00	16.21	61.67	2.00	0.00	1.00	0.00
16.22	64.89	2.00	0.00	1.00	0.00	16.23	67.89	2.00	0.00	1.00	0.00
16.24	70.74	2.00	0.00	1.00	0.00	16.25	73.60	2.00	0.00	1.00	0.00
16.26	75.59	2.00	0.00	1.00	0.00	16.27	76.45	2.00	0.00	1.00	0.00
16.28	75.44	2.00	0.00	1.00	0.00	16.29	72.15	2.00	0.00	1.00	0.00
16.30	68.68	2.00	0.00	1.00	0.00	16.31	65.94	2.00	0.00	1.00	0.00
16.32	64.08	2.00	0.00	1.00	0.00	16.33	62.47	2.00	0.00	1.00	0.00
16.34	46.58	2.00	0.00	1.00	0.00	16.35	47.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	49.07	2.00	0.00	1.00	0.00	16.37	51.26	2.00	0.00	1.00	0.00
16.38	54.50	2.00	0.00	1.00	0.00	16.39	58.12	2.00	0.00	1.00	0.00
16.40	61.89	2.00	0.00	1.00	0.00	16.41	65.74	2.00	0.00	1.00	0.00
16.42	69.22	2.00	0.00	1.00	0.00	16.43	72.21	2.00	0.00	1.00	0.00
16.44	73.72	2.00	0.00	1.00	0.00	16.45	74.51	2.00	0.00	1.00	0.00
16.46	74.79	2.00	0.00	1.00	0.00	16.47	74.60	2.00	0.00	1.00	0.00
16.48	74.33	2.00	0.00	1.00	0.00	16.49	73.78	2.00	0.00	1.00	0.00
16.50	72.62	2.00	0.00	1.00	0.00	16.51	71.52	2.00	0.00	1.00	0.00
16.52	70.74	2.00	0.00	1.00	0.00	16.53	70.50	2.00	0.00	1.00	0.00
16.54	70.14	2.00	0.00	1.00	0.00	16.55	69.58	2.00	0.00	1.00	0.00
16.56	68.84	2.00	0.00	1.00	0.00	16.57	68.20	2.00	0.00	1.00	0.00
16.58	67.35	2.00	0.00	1.00	0.00	16.59	78.06	2.00	0.00	1.00	0.00
16.60	76.87	2.00	0.00	1.00	0.00	16.61	75.47	2.00	0.00	1.00	0.00
16.62	73.67	2.00	0.00	1.00	0.00	16.63	71.74	2.00	0.00	1.00	0.00
16.64	69.60	2.00	0.00	1.00	0.00	16.65	67.22	2.00	0.00	1.00	0.00
16.66	65.29	2.00	0.00	1.00	0.00	16.67	64.36	2.00	0.00	1.00	0.00
16.68	65.33	2.00	0.00	1.00	0.00	16.69	67.73	2.00	0.00	1.00	0.00
16.70	71.01	2.00	0.00	1.00	0.00	16.71	75.23	2.00	0.00	1.00	0.00
16.72	78.51	2.00	0.00	1.00	0.00	16.73	80.76	2.00	0.00	1.00	0.00
16.74	82.89	2.00	0.00	1.00	0.00	16.75	86.96	2.00	0.00	1.00	0.00
16.76	91.31	2.00	0.00	1.00	0.00	16.77	94.37	2.00	0.00	1.00	0.00
16.78	95.46	2.00	0.00	1.00	0.00	16.79	95.40	2.00	0.00	1.00	0.00
16.80	93.85	2.00	0.00	1.00	0.00	16.81	92.24	2.00	0.00	1.00	0.00
16.82	90.94	2.00	0.00	1.00	0.00	16.83	89.83	2.00	0.00	1.00	0.00
16.84	88.50	2.00	0.00	1.00	0.00	16.85	86.75	2.00	0.00	1.00	0.00
16.86	84.05	2.00	0.00	1.00	0.00	16.87	80.84	2.00	0.00	1.00	0.00
16.88	77.07	2.00	0.00	1.00	0.00	16.89	72.92	2.00	0.00	1.00	0.00
16.90	68.94	2.00	0.00	1.00	0.00	16.91	65.45	2.00	0.00	1.00	0.00
16.92	63.54	2.00	0.00	1.00	0.00	16.93	62.31	2.00	0.00	1.00	0.00
16.94	61.73	2.00	0.00	1.00	0.00	16.95	61.81	2.00	0.00	1.00	0.00
16.96	62.04	2.00	0.00	1.00	0.00	16.97	62.48	2.00	0.00	1.00	0.00
16.98	63.11	2.00	0.00	1.00	0.00	16.99	64.37	2.00	0.00	1.00	0.00
17.00	65.82	2.00	0.00	1.00	0.00	17.01	67.33	2.00	0.00	1.00	0.00
17.02	68.77	2.00	0.00	1.00	0.00	17.03	70.07	2.00	0.00	1.00	0.00
17.04	71.23	2.00	0.00	1.00	0.00	17.05	71.93	2.00	0.00	1.00	0.00
17.06	72.56	2.00	0.00	1.00	0.00	17.07	73.13	2.00	0.00	1.00	0.00
17.08	73.63	2.00	0.00	1.00	0.00	17.09	73.96	2.00	0.00	1.00	0.00
17.10	74.09	2.00	0.00	1.00	0.00	17.11	74.21	2.00	0.00	1.00	0.00
17.12	74.34	2.00	0.00	1.00	0.00	17.13	74.52	2.00	0.00	1.00	0.00
17.14	74.42	2.00	0.00	1.00	0.00	17.15	74.23	2.00	0.00	1.00	0.00
17.16	74.16	2.00	0.00	1.00	0.00	17.17	74.37	2.00	0.00	1.00	0.00
17.18	74.74	2.00	0.00	1.00	0.00	17.19	75.13	2.00	0.00	1.00	0.00
17.20	75.51	2.00	0.00	1.00	0.00	17.21	76.45	2.00	0.00	1.00	0.00
17.22	77.43	2.00	0.00	1.00	0.00	17.23	78.42	2.00	0.00	1.00	0.00
17.24	79.19	2.00	0.00	1.00	0.00	17.25	79.81	2.00	0.00	1.00	0.00
17.26	80.17	2.00	0.00	1.00	0.00	17.27	80.17	2.00	0.00	1.00	0.00
17.28	80.15	2.00	0.00	1.00	0.00	17.29	80.25	2.00	0.00	1.00	0.00
17.30	80.39	2.00	0.00	1.00	0.00	17.31	80.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
17.32	80.61	2.00	0.00	1.00	0.00	17.33	80.61	2.00	0.00	1.00	0.00
17.34	80.69	2.00	0.00	1.00	0.00	17.35	80.80	2.00	0.00	1.00	0.00
17.36	80.90	2.00	0.00	1.00	0.00	17.37	80.91	2.00	0.00	1.00	0.00
17.38	80.92	2.00	0.00	1.00	0.00	17.39	80.98	2.00	0.00	1.00	0.00
17.40	81.34	2.00	0.00	1.00	0.00	17.41	81.61	2.00	0.00	1.00	0.00
17.42	81.91	2.00	0.00	1.00	0.00	17.43	81.93	2.00	0.00	1.00	0.00
17.44	81.94	2.00	0.00	1.00	0.00	17.45	81.88	2.00	0.00	1.00	0.00
17.46	81.80	2.00	0.00	1.00	0.00	17.47	81.62	2.00	0.00	1.00	0.00
17.48	81.31	2.00	0.00	1.00	0.00	17.49	80.88	2.00	0.00	1.00	0.00
17.50	80.50	2.00	0.00	1.00	0.00	17.51	80.23	2.00	0.00	1.00	0.00
17.52	79.99	2.00	0.00	1.00	0.00	17.53	79.83	2.00	0.00	1.00	0.00
17.54	79.82	2.00	0.00	1.00	0.00	17.55	80.14	2.00	0.00	1.00	0.00
17.56	80.61	2.00	0.00	1.00	0.00	17.57	81.12	2.00	0.00	1.00	0.00
17.58	81.62	2.00	0.00	1.00	0.00	17.59	82.17	2.00	0.00	1.00	0.00
17.60	82.64	2.00	0.00	1.00	0.00	17.61	83.06	2.00	0.00	1.00	0.00
17.62	83.58	2.00	0.00	1.00	0.00	17.63	84.12	2.00	0.00	1.00	0.00
17.64	84.54	2.00	0.00	1.00	0.00	17.65	84.80	2.00	0.00	1.00	0.00
17.66	85.00	2.00	0.00	1.00	0.00	17.67	85.33	2.00	0.00	1.00	0.00
17.68	85.83	2.00	0.00	1.00	0.00	17.69	86.21	2.00	0.00	1.00	0.00
17.70	86.34	2.00	0.00	1.00	0.00	17.71	86.14	2.00	0.00	1.00	0.00
17.72	85.95	2.00	0.00	1.00	0.00	17.73	85.84	2.00	0.00	1.00	0.00
17.74	84.87	2.00	0.00	1.00	0.00	17.75	83.87	2.00	0.00	1.00	0.00
17.76	83.14	2.00	0.00	1.00	0.00	17.77	83.58	2.00	0.00	1.00	0.00
17.78	84.20	2.00	0.00	1.00	0.00	17.79	84.86	2.00	0.00	1.00	0.00
17.80	85.55	2.00	0.00	1.00	0.00	17.81	86.12	2.00	0.00	1.00	0.00
17.82	86.72	2.00	0.00	1.00	0.00	17.83	87.34	2.00	0.00	1.00	0.00
17.84	88.14	2.00	0.00	1.00	0.00	17.85	89.13	2.00	0.00	1.00	0.00
17.86	90.23	2.00	0.00	1.00	0.00	17.87	91.27	2.00	0.00	1.00	0.00
17.88	92.11	2.00	0.00	1.00	0.00	17.89	92.85	2.00	0.00	1.00	0.00
17.90	93.61	2.00	0.00	1.00	0.00	17.91	94.06	2.00	0.00	1.00	0.00
17.92	94.33	2.00	0.00	1.00	0.00	17.93	94.57	2.00	0.00	1.00	0.00
17.94	94.98	2.00	0.00	1.00	0.00	17.95	95.51	2.00	0.00	1.00	0.00
17.96	96.13	2.00	0.00	1.00	0.00	17.97	96.54	2.00	0.00	1.00	0.00
17.98	96.95	2.00	0.00	1.00	0.00	17.99	97.78	2.00	0.00	1.00	0.00
18.00	98.90	2.00	0.00	1.00	0.00	18.01	100.15	2.00	0.00	1.00	0.00
18.02	101.00	2.00	0.00	1.00	0.00	18.03	101.70	2.00	0.00	1.00	0.00
18.04	102.14	2.00	0.00	1.00	0.00	18.05	102.83	2.00	0.00	1.00	0.00
18.06	103.46	2.00	0.00	1.00	0.00	18.07	104.11	2.00	0.00	1.00	0.00
18.08	104.05	2.00	0.00	1.00	0.00	18.09	103.79	2.00	0.00	1.00	0.00
18.10	103.27	2.00	0.00	1.00	0.00	18.11	102.74	2.00	0.00	1.00	0.00
18.12	102.19	2.00	0.00	1.00	0.00	18.13	101.52	2.00	0.00	1.00	0.00
18.14	100.78	2.00	0.00	1.00	0.00	18.15	100.18	2.00	0.00	1.00	0.00
18.16	99.84	2.00	0.00	1.00	0.00	18.17	99.63	2.00	0.00	1.00	0.00
18.18	99.38	2.00	0.00	1.00	0.00	18.19	98.97	2.00	0.00	1.00	0.00
18.20	98.66	2.00	0.00	1.00	0.00	18.21	98.41	2.00	0.00	1.00	0.00
18.22	98.56	2.00	0.00	1.00	0.00	18.23	98.96	2.00	0.00	1.00	0.00
18.24	99.55	2.00	0.00	1.00	0.00	18.25	99.99	2.00	0.00	1.00	0.00
18.26	100.38	2.00	0.00	1.00	0.00	18.27	100.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
18.28	100.62	2.00	0.00	1.00	0.00	18.29	100.42	2.00	0.00	1.00	0.00
18.30	100.04	2.00	0.00	1.00	0.00	18.31	99.65	2.00	0.00	1.00	0.00
18.32	99.18	2.00	0.00	1.00	0.00	18.33	98.32	2.00	0.00	1.00	0.00
18.34	97.29	2.00	0.00	1.00	0.00	18.35	96.24	2.00	0.00	1.00	0.00
18.36	95.19	2.00	0.00	1.00	0.00	18.37	94.12	2.00	0.00	1.00	0.00
18.38	92.91	2.00	0.00	1.00	0.00	18.39	91.52	2.00	0.00	1.00	0.00
18.40	90.09	2.00	0.00	1.00	0.00	18.41	88.90	2.00	0.00	1.00	0.00
18.42	87.57	2.00	0.00	1.00	0.00	18.43	86.40	2.00	0.00	1.00	0.00
18.44	84.96	2.00	0.00	1.00	0.00	18.45	84.01	2.00	0.00	1.00	0.00
18.46	83.40	2.00	0.00	1.00	0.00	18.47	83.05	2.00	0.00	1.00	0.00
18.48	82.58	2.00	0.00	1.00	0.00	18.49	81.84	2.00	0.00	1.00	0.00
18.50	81.03	2.00	0.00	1.00	0.00	18.51	80.32	2.00	0.00	1.00	0.00
18.52	79.17	2.00	0.00	1.00	0.00	18.53	77.86	2.00	0.00	1.00	0.00
18.54	76.72	2.00	0.00	1.00	0.00	18.55	75.48	2.00	0.00	1.00	0.00
18.56	74.25	2.00	0.00	1.00	0.00	18.57	73.18	2.00	0.00	1.00	0.00
18.58	72.81	2.00	0.00	1.00	0.00	18.59	72.41	2.00	0.00	1.00	0.00
18.60	71.65	2.00	0.00	1.00	0.00	18.61	71.18	2.00	0.00	1.00	0.00
18.62	71.29	2.00	0.00	1.00	0.00	18.63	71.89	2.00	0.00	1.00	0.00
18.64	72.13	2.00	0.00	1.00	0.00	18.65	72.17	2.00	0.00	1.00	0.00
18.66	72.31	2.00	0.00	1.00	0.00	18.67	72.77	2.00	0.00	1.00	0.00
18.68	73.29	2.00	0.00	1.00	0.00	18.69	73.90	2.00	0.00	1.00	0.00
18.70	74.32	2.00	0.00	1.00	0.00	18.71	74.68	2.00	0.00	1.00	0.00
18.72	74.83	2.00	0.00	1.00	0.00	18.73	74.87	2.00	0.00	1.00	0.00
18.74	72.53	2.00	0.00	1.00	0.00	18.75	70.75	2.00	0.00	1.00	0.00
18.76	69.35	2.00	0.00	1.00	0.00	18.77	70.06	2.00	0.00	1.00	0.00
18.78	70.22	2.00	0.00	1.00	0.00	18.79	70.04	2.00	0.00	1.00	0.00
18.80	70.27	2.00	0.00	1.00	0.00	18.81	70.28	2.00	0.00	1.00	0.00
18.82	70.16	2.00	0.00	1.00	0.00	18.83	69.80	2.00	0.00	1.00	0.00
18.84	69.67	2.00	0.00	1.00	0.00	18.85	69.77	2.00	0.00	1.00	0.00
18.86	69.90	2.00	0.00	1.00	0.00	18.87	69.57	2.00	0.00	1.00	0.00
18.88	68.87	2.00	0.00	1.00	0.00	18.89	67.91	2.00	0.00	1.00	0.00
18.90	67.18	2.00	0.00	1.00	0.00	18.91	66.62	2.00	0.00	1.00	0.00
18.92	66.55	2.00	0.00	1.00	0.00	18.93	66.71	2.00	0.00	1.00	0.00
18.94	66.63	2.00	0.00	1.00	0.00	18.95	65.39	2.00	0.00	1.00	0.00
18.96	62.76	2.00	0.00	1.00	0.00	18.97	58.68	2.00	0.00	1.00	0.00
18.98	55.81	2.00	0.00	1.00	0.00	18.99	54.88	2.00	0.00	1.00	0.00
19.00	59.58	2.00	0.00	1.00	0.00	19.01	64.93	2.00	0.00	1.00	0.00
19.02	69.97	2.00	0.00	1.00	0.00	19.03	72.31	2.00	0.00	1.00	0.00
19.04	73.75	2.00	0.00	1.00	0.00	19.05	74.75	2.00	0.00	1.00	0.00
19.06	74.44	2.00	0.00	1.00	0.00	19.07	73.97	2.00	0.00	1.00	0.00
19.08	73.55	2.00	0.00	1.00	0.00	19.09	74.64	2.00	0.00	1.00	0.00
19.10	76.20	2.00	0.00	1.00	0.00	19.11	78.01	2.00	0.00	1.00	0.00
19.12	79.31	2.00	0.00	1.00	0.00	19.13	80.09	2.00	0.00	1.00	0.00
19.14	80.08	2.00	0.00	1.00	0.00	19.15	77.28	2.00	0.00	1.00	0.00
19.16	73.34	2.00	0.00	1.00	0.00	19.17	69.10	2.00	0.00	1.00	0.00
19.18	67.12	2.00	0.00	1.00	0.00	19.19	66.43	2.00	0.00	1.00	0.00
19.20	66.63	2.00	0.00	1.00	0.00	19.21	67.88	2.00	0.00	1.00	0.00
19.22	69.60	2.00	0.00	1.00	0.00	19.23	72.10	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	74.34	2.00	0.00	1.00	0.00	19.25	76.41	2.00	0.00	1.00	0.00
19.26	77.75	2.00	0.00	1.00	0.00	19.27	78.99	2.00	0.00	1.00	0.00
19.28	80.11	2.00	0.00	1.00	0.00	19.29	81.27	2.00	0.00	1.00	0.00
19.30	81.45	2.00	0.00	1.00	0.00	19.31	81.39	2.00	0.00	1.00	0.00
19.32	80.94	2.00	0.00	1.00	0.00	19.33	81.76	2.00	0.00	1.00	0.00
19.34	83.05	2.00	0.00	1.00	0.00	19.35	84.89	2.00	0.00	1.00	0.00
19.36	86.13	2.00	0.00	1.00	0.00	19.37	86.57	2.00	0.00	1.00	0.00
19.38	85.89	2.00	0.00	1.00	0.00	19.39	84.75	2.00	0.00	1.00	0.00
19.40	83.81	2.00	0.00	1.00	0.00	19.41	83.66	2.00	0.00	1.00	0.00
19.42	84.50	2.00	0.00	1.00	0.00	19.43	86.44	2.00	0.00	1.00	0.00
19.44	88.95	2.00	0.00	1.00	0.00	19.45	91.81	2.00	0.00	1.00	0.00
19.46	93.59	2.00	0.00	1.00	0.00	19.47	94.58	2.00	0.00	1.00	0.00
19.48	94.86	2.00	0.00	1.00	0.00	19.49	95.52	2.00	0.00	1.00	0.00
19.50	96.47	2.00	0.00	1.00	0.00	19.51	98.87	2.00	0.00	1.00	0.00
19.52	101.52	2.00	0.00	1.00	0.00	19.53	103.86	2.00	0.00	1.00	0.00
19.54	104.80	2.00	0.00	1.00	0.00	19.55	104.89	2.00	0.00	1.00	0.00
19.56	104.50	2.00	0.00	1.00	0.00	19.57	103.16	2.00	0.00	1.00	0.00
19.58	101.49	2.00	0.00	1.00	0.00	19.59	99.56	2.00	0.00	1.00	0.00
19.60	98.39	2.00	0.00	1.00	0.00	19.61	96.90	2.00	0.00	1.00	0.00
19.62	95.24	2.00	0.00	1.00	0.00	19.63	93.18	2.00	0.00	1.00	0.00
19.64	91.16	2.00	0.00	1.00	0.00	19.65	88.93	2.00	0.00	1.00	0.00
19.66	87.02	2.00	0.00	1.00	0.00	19.67	85.68	2.00	0.00	1.00	0.00
19.68	84.92	2.00	0.00	1.00	0.00	19.69	83.96	2.00	0.00	1.00	0.00
19.70	82.65	2.00	0.00	1.00	0.00	19.71	80.64	2.00	0.00	1.00	0.00
19.72	79.04	2.00	0.00	1.00	0.00	19.73	77.99	2.00	0.00	1.00	0.00
19.74	74.97	2.00	0.00	1.00	0.00	19.75	71.90	2.00	0.00	1.00	0.00
19.76	69.18	2.00	0.00	1.00	0.00	19.77	70.07	2.00	0.00	1.00	0.00
19.78	70.84	2.00	0.00	1.00	0.00	19.79	71.54	2.00	0.00	1.00	0.00
19.80	72.26	2.00	0.00	1.00	0.00	19.81	73.13	2.00	0.00	1.00	0.00
19.82	75.00	2.00	0.00	1.00	0.00	19.83	77.31	2.00	0.00	1.00	0.00
19.84	80.29	2.00	0.00	1.00	0.00	19.85	83.29	2.00	0.00	1.00	0.00
19.86	85.51	2.00	0.00	1.00	0.00	19.87	86.97	2.00	0.00	1.00	0.00
19.88	87.20	2.00	0.00	1.00	0.00	19.89	87.27	2.00	0.00	1.00	0.00
19.90	87.34	2.00	0.00	1.00	0.00	19.91	87.33	2.00	0.00	1.00	0.00
19.92	86.67	2.00	0.00	1.00	0.00	19.93	85.48	2.00	0.00	1.00	0.00
19.94	83.91	2.00	0.00	1.00	0.00	19.95	82.49	2.00	0.00	1.00	0.00
19.96	80.77	2.00	0.00	1.00	0.00	19.97	78.01	2.00	0.00	1.00	0.00
19.98	75.37	2.00	0.00	1.00	0.00	19.99	73.19	2.00	0.00	1.00	0.00
20.00	72.52	2.00	0.00	1.00	0.00	20.01	72.16	2.00	0.00	1.00	0.00
20.02	71.41	2.00	0.00	1.00	0.00	20.03	69.70	2.00	0.00	1.00	0.00
20.04	68.42	2.00	0.00	1.00	0.00	20.05	67.88	2.00	0.00	1.00	0.00
20.06	68.63	2.00	0.00	1.00	0.00	20.07	69.19	2.00	0.00	1.00	0.00
20.08	69.67	2.00	0.00	1.00	0.00	20.09	69.78	2.00	0.00	1.00	0.00
20.10	69.82	2.00	0.00	1.00	0.00	20.11	70.13	2.00	0.00	1.00	0.00
20.12	71.53	2.00	0.00	1.00	0.00	20.13	73.08	2.00	0.00	1.00	0.00
20.14	74.86	2.00	0.00	1.00	0.00	20.15	77.64	2.00	0.00	1.00	0.00
20.16	80.58	2.00	0.00	1.00	0.00	20.17	82.84	2.00	0.00	1.00	0.00
20.18	83.26	2.00	0.00	1.00	0.00	20.19	83.88	2.00	0.00	1.00	0.00



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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	84.56	2.00	0.00	1.00	0.00	20.21	85.84	2.00	0.00	1.00	0.00
20.22	86.49	2.00	0.00	1.00	0.00						

**Total estimated settlement: 11.94****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**

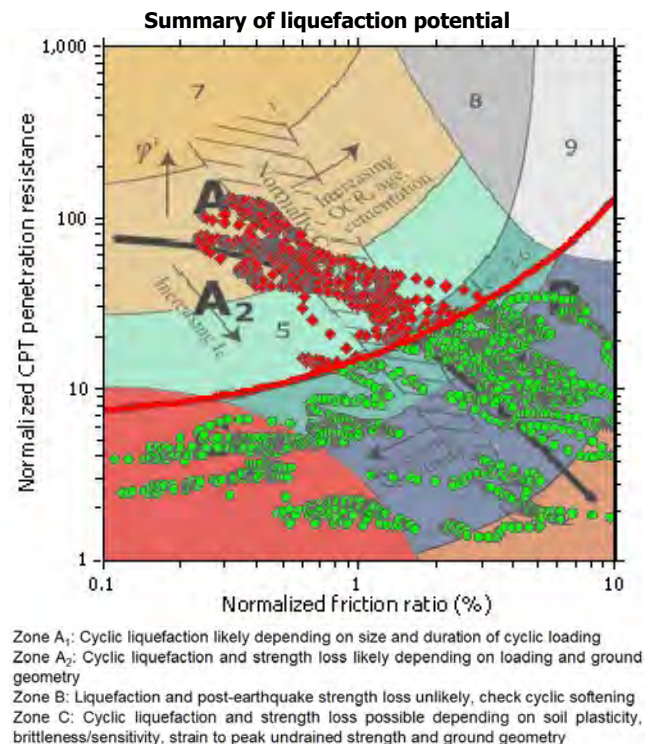
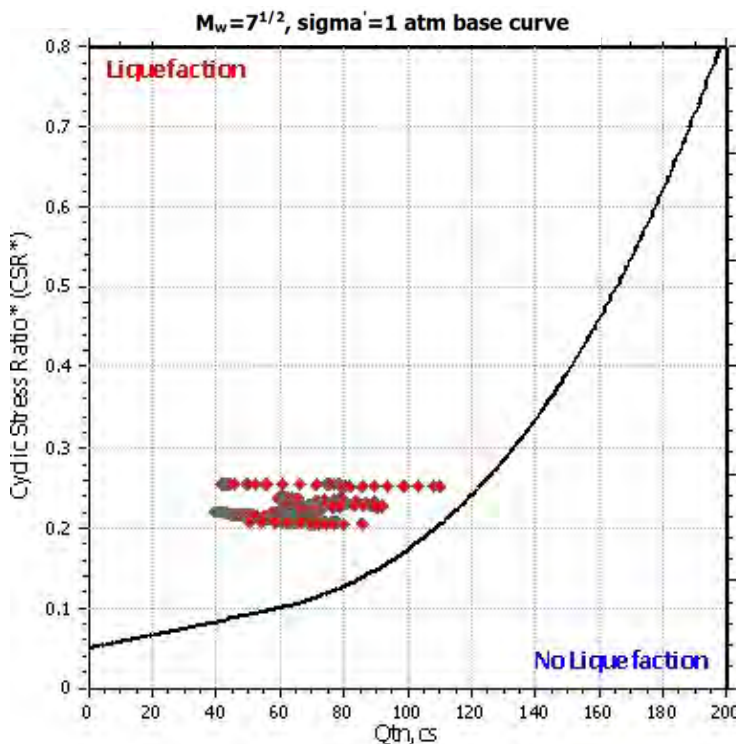
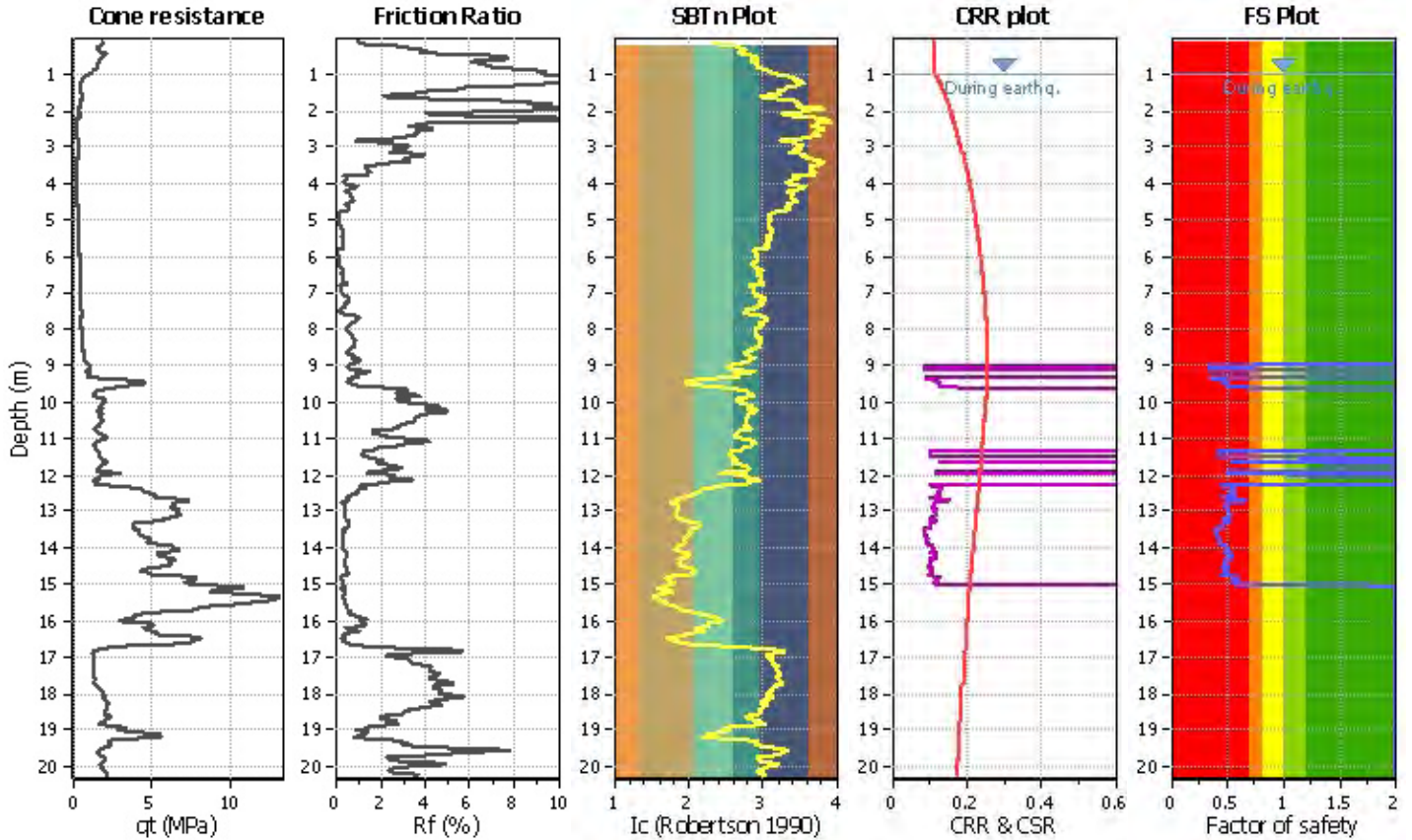
**Project title :**

**Location :**

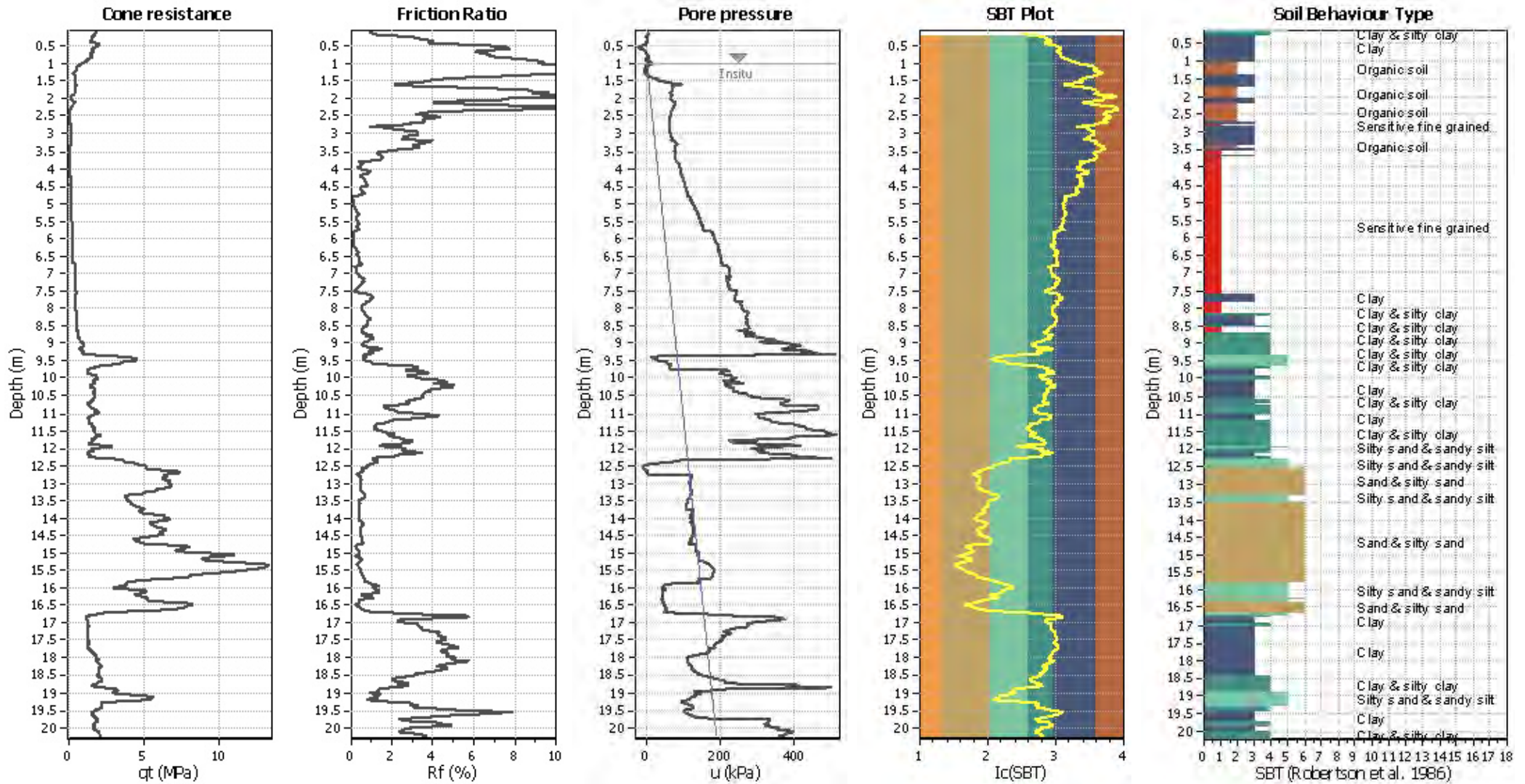
**CPT file : CPTU3 - Area 2-3**

**Input parameters and analysis data**

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	1.00 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:	15.00 m
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.29	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes		



### CPT basic interpretation plot



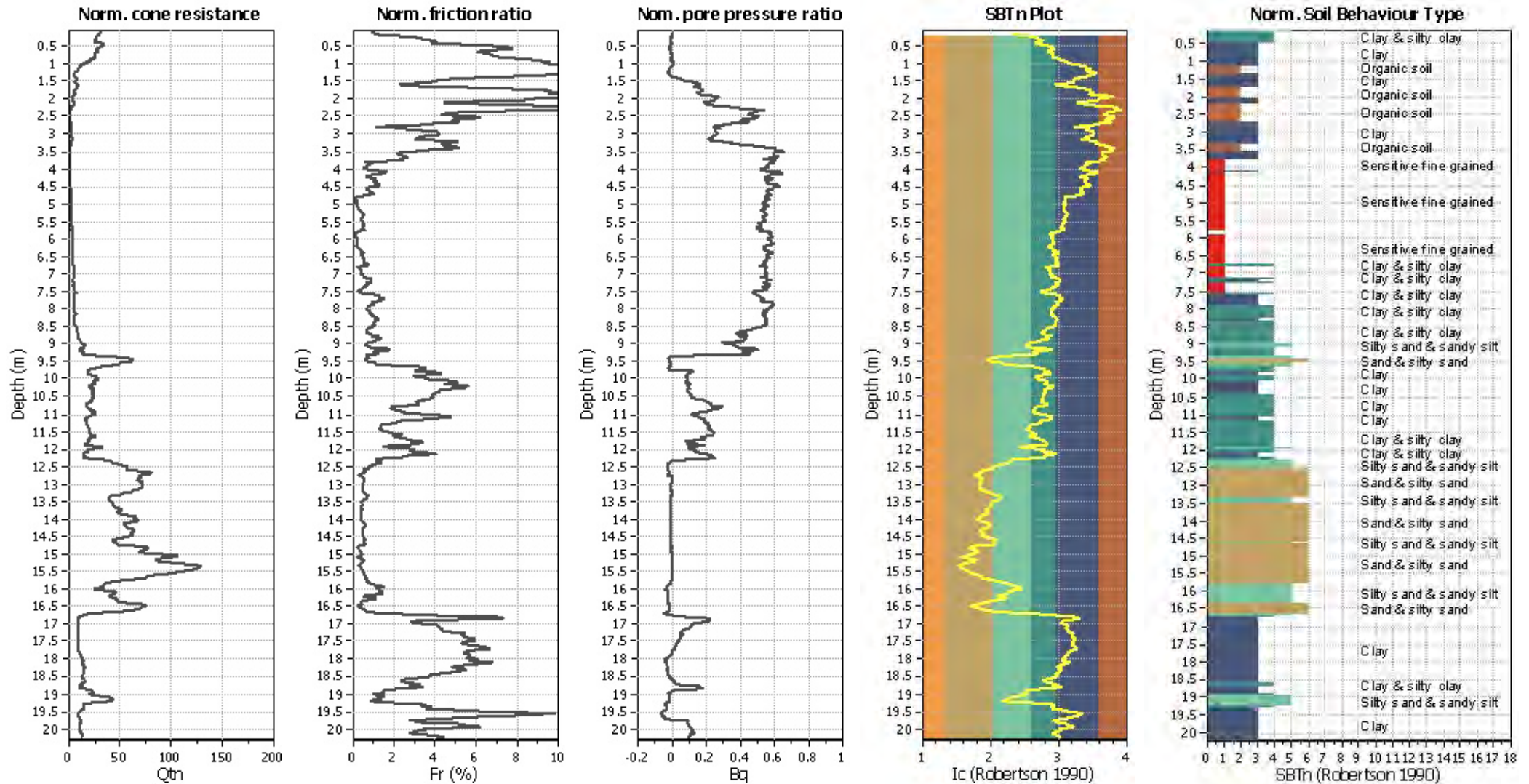
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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 (normaliz



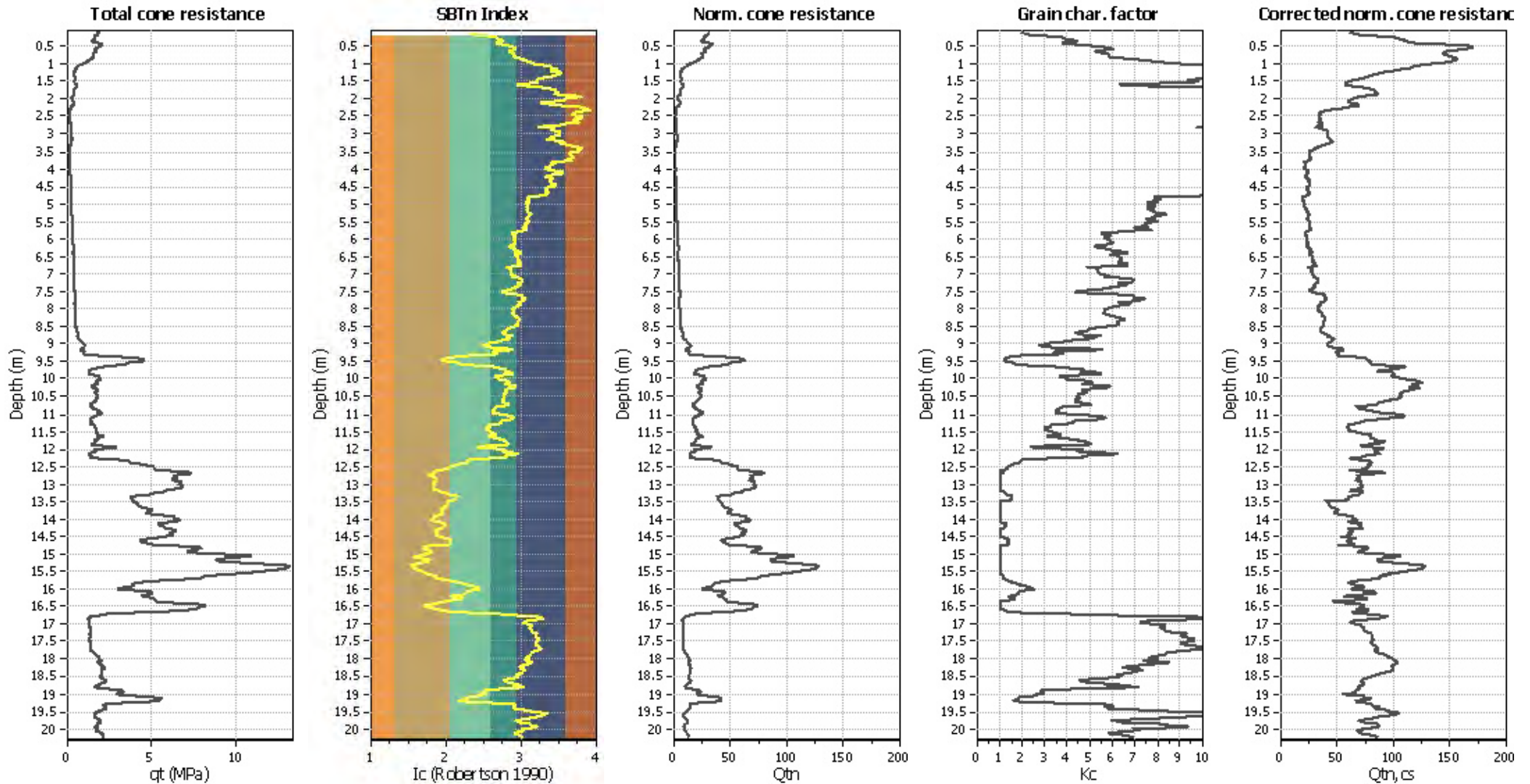
#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I <sub>c</sub> value	I <sub>c</sub> cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 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

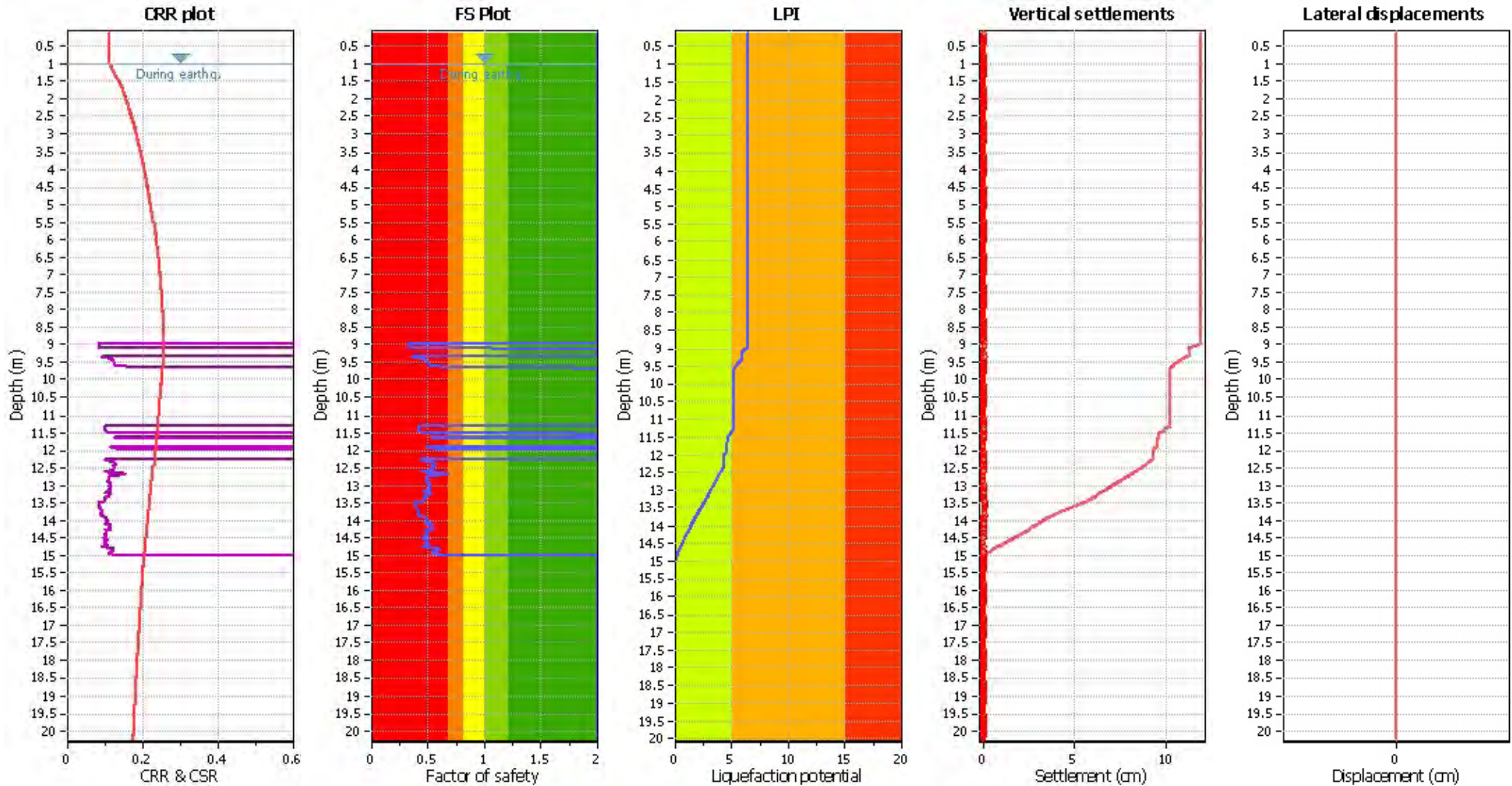
### Liquefaction analysis overall plots (intermediate res)



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Liquefaction analysis overall plot



**Input parameters and analysis data**

Analysis method:	NCEER (1998)	Depth to water table (earthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>0</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

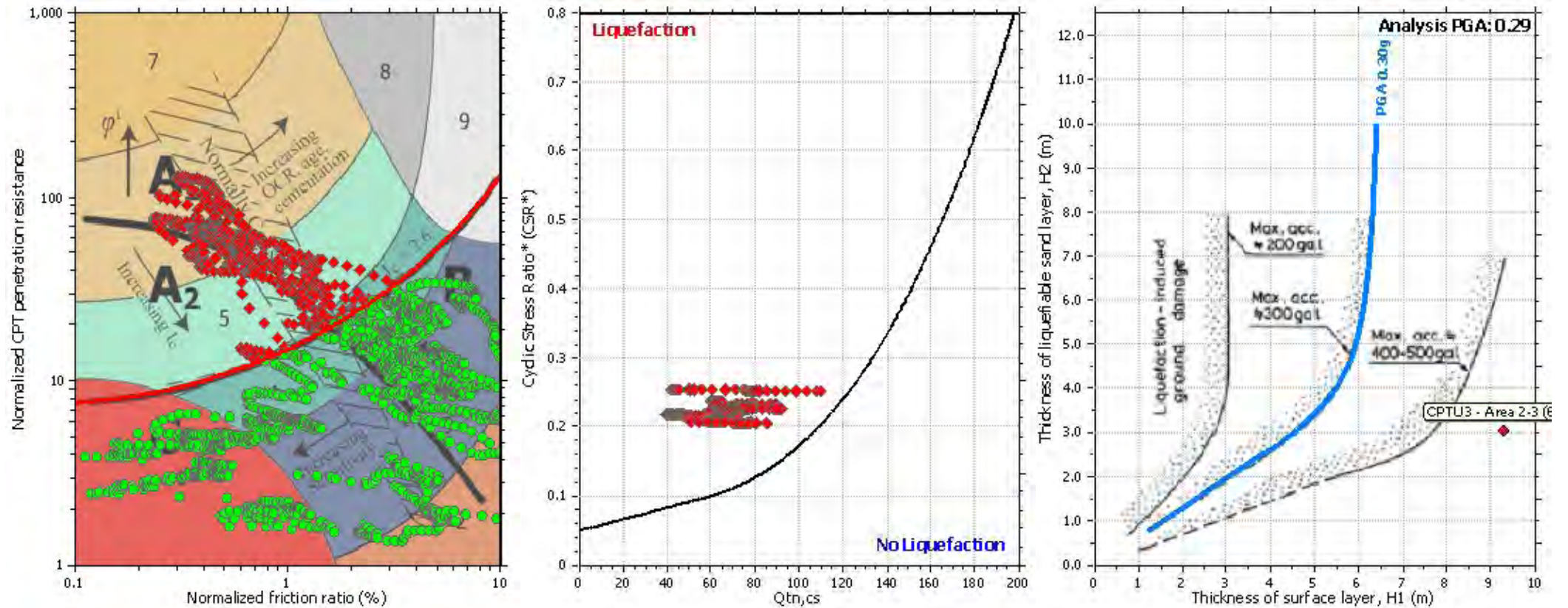
**F.S. color scheme**

- 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

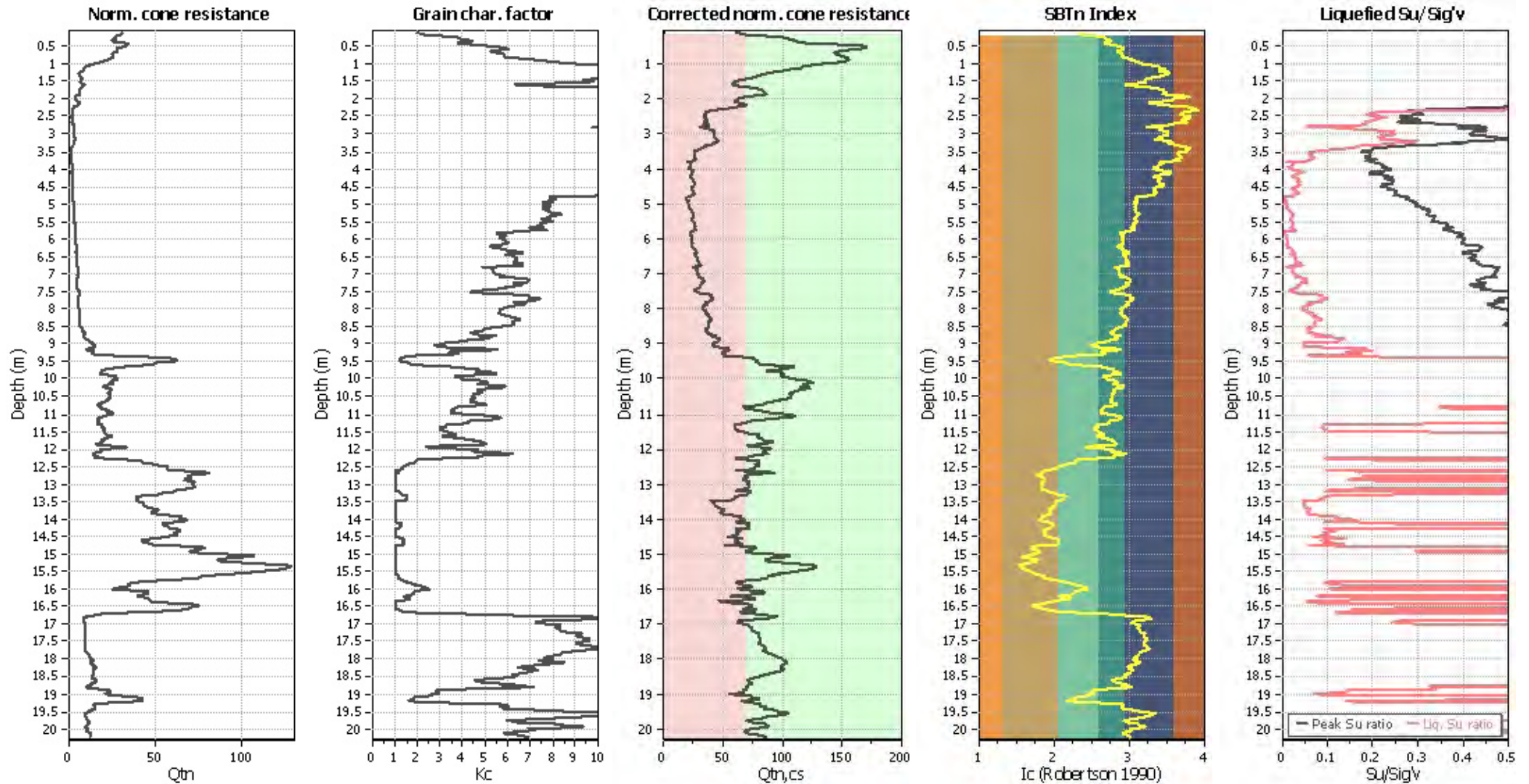
### Liquefaction analysis summary plo



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on $I_c$ value	$I_c$ cut-off value:	2.60	$K_o$ applied:	Yes
Earthquake magnitude $M_w$ :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m

### Check for strength loss plots (Robertson (2010))



#### Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K <sub>c</sub> applied:	Yes
Earthquake magnitude M <sub>w</sub> :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.29	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	15.00 m



:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
0.12	2.00	0.00	9.94	0.01	0.00	0.13	2.00	0.00	9.94	0.01	0.00
0.14	2.00	0.00	9.93	0.01	0.00	0.15	2.00	0.00	9.93	0.01	0.00
0.16	2.00	0.00	9.92	0.01	0.00	0.17	2.00	0.00	9.91	0.01	0.00
0.18	2.00	0.00	9.91	0.01	0.00	0.19	2.00	0.00	9.90	0.01	0.00
0.20	2.00	0.00	9.90	0.01	0.00	0.21	2.00	0.00	9.89	0.01	0.00
0.22	2.00	0.00	9.89	0.01	0.00	0.23	2.00	0.00	9.88	0.01	0.00
0.24	2.00	0.00	9.88	0.01	0.00	0.25	2.00	0.00	9.88	0.01	0.00
0.26	2.00	0.00	9.87	0.01	0.00	0.27	2.00	0.00	9.87	0.01	0.00
0.28	2.00	0.00	9.86	0.01	0.00	0.29	2.00	0.00	9.86	0.01	0.00
0.30	2.00	0.00	9.85	0.01	0.00	0.31	2.00	0.00	9.85	0.01	0.00
0.32	2.00	0.00	9.84	0.01	0.00	0.33	2.00	0.00	9.84	0.01	0.00
0.34	2.00	0.00	9.83	0.01	0.00	0.35	2.00	0.00	9.82	0.01	0.00
0.36	2.00	0.00	9.82	0.01	0.00	0.37	2.00	0.00	9.81	0.01	0.00
0.38	2.00	0.00	9.81	0.01	0.00	0.39	2.00	0.00	9.80	0.01	0.00
0.40	2.00	0.00	9.80	0.01	0.00	0.41	2.00	0.00	9.79	0.01	0.00
0.42	2.00	0.00	9.79	0.01	0.00	0.43	2.00	0.00	9.79	0.01	0.00
0.44	2.00	0.00	9.78	0.01	0.00	0.45	2.00	0.00	9.78	0.01	0.00
0.46	2.00	0.00	9.77	0.01	0.00	0.47	2.00	0.00	9.77	0.01	0.00
0.48	2.00	0.00	9.76	0.01	0.00	0.49	2.00	0.00	9.76	0.01	0.00
0.50	2.00	0.00	9.75	0.01	0.00	0.51	2.00	0.00	9.74	0.01	0.00
0.52	2.00	0.00	9.74	0.01	0.00	0.53	2.00	0.00	9.73	0.01	0.00
0.54	2.00	0.00	9.73	0.01	0.00	0.55	2.00	0.00	9.72	0.01	0.00
0.56	2.00	0.00	9.72	0.01	0.00	0.57	2.00	0.00	9.71	0.01	0.00
0.58	2.00	0.00	9.71	0.01	0.00	0.59	2.00	0.00	9.71	0.01	0.00
0.60	2.00	0.00	9.70	0.01	0.00	0.61	2.00	0.00	9.70	0.01	0.00
0.62	2.00	0.00	9.69	0.01	0.00	0.63	2.00	0.00	9.69	0.01	0.00
0.64	2.00	0.00	9.68	0.01	0.00	0.65	2.00	0.00	9.68	0.01	0.00
0.66	2.00	0.00	9.67	0.01	0.00	0.67	2.00	0.00	9.66	0.01	0.00
0.68	2.00	0.00	9.66	0.01	0.00	0.69	2.00	0.00	9.65	0.01	0.00
0.70	2.00	0.00	9.65	0.01	0.00	0.71	2.00	0.00	9.64	0.01	0.00
0.72	2.00	0.00	9.64	0.01	0.00	0.73	2.00	0.00	9.63	0.01	0.00
0.74	2.00	0.00	9.63	0.01	0.00	0.75	2.00	0.00	9.63	0.01	0.00
0.76	2.00	0.00	9.62	0.01	0.00	0.77	2.00	0.00	9.62	0.01	0.00
0.78	2.00	0.00	9.61	0.01	0.00	0.79	2.00	0.00	9.61	0.01	0.00
0.80	2.00	0.00	9.60	0.01	0.00	0.81	2.00	0.00	9.60	0.01	0.00
0.82	2.00	0.00	9.59	0.01	0.00	0.83	2.00	0.00	9.59	0.01	0.00
0.84	2.00	0.00	9.58	0.01	0.00	0.85	2.00	0.00	9.57	0.01	0.00
0.86	2.00	0.00	9.57	0.01	0.00	0.87	2.00	0.00	9.56	0.01	0.00
0.88	2.00	0.00	9.56	0.01	0.00	0.89	2.00	0.00	9.55	0.01	0.00
0.90	2.00	0.00	9.55	0.01	0.00	0.91	2.00	0.00	9.54	0.01	0.00
0.92	2.00	0.00	9.54	0.01	0.00	0.93	2.00	0.00	9.54	0.01	0.00
0.94	2.00	0.00	9.53	0.01	0.00	0.95	2.00	0.00	9.53	0.01	0.00
0.96	2.00	0.00	9.52	0.01	0.00	0.97	2.00	0.00	9.52	0.01	0.00
0.98	2.00	0.00	9.51	0.01	0.00	0.99	2.00	0.00	9.51	0.01	0.00
1.00	2.00	0.00	9.50	0.01	0.00	1.01	2.00	0.00	9.49	0.01	0.00
1.02	2.00	0.00	9.49	0.01	0.00	1.03	2.00	0.00	9.48	0.01	0.00
1.04	2.00	0.00	9.48	0.01	0.00	1.05	2.00	0.00	9.47	0.01	0.00
1.06	2.00	0.00	9.47	0.01	0.00	1.07	2.00	0.00	9.46	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
1.08	2.00	0.00	9.46	0.01	0.00	1.09	2.00	0.00	9.46	0.01	0.00
1.10	2.00	0.00	9.45	0.01	0.00	1.11	2.00	0.00	9.45	0.01	0.00
1.12	2.00	0.00	9.44	0.01	0.00	1.13	2.00	0.00	9.44	0.01	0.00
1.14	2.00	0.00	9.43	0.01	0.00	1.15	2.00	0.00	9.43	0.01	0.00
1.16	2.00	0.00	9.42	0.01	0.00	1.17	2.00	0.00	9.41	0.01	0.00
1.18	2.00	0.00	9.41	0.01	0.00	1.19	2.00	0.00	9.40	0.01	0.00
1.20	2.00	0.00	9.40	0.01	0.00	1.21	2.00	0.00	9.39	0.01	0.00
1.22	2.00	0.00	9.39	0.01	0.00	1.23	2.00	0.00	9.38	0.01	0.00
1.24	2.00	0.00	9.38	0.01	0.00	1.25	2.00	0.00	9.38	0.01	0.00
1.26	2.00	0.00	9.37	0.01	0.00	1.27	2.00	0.00	9.37	0.01	0.00
1.28	2.00	0.00	9.36	0.01	0.00	1.29	2.00	0.00	9.36	0.01	0.00
1.30	2.00	0.00	9.35	0.01	0.00	1.31	2.00	0.00	9.35	0.01	0.00
1.32	2.00	0.00	9.34	0.01	0.00	1.33	2.00	0.00	9.34	0.01	0.00
1.34	2.00	0.00	9.33	0.01	0.00	1.35	2.00	0.00	9.32	0.01	0.00
1.36	2.00	0.00	9.32	0.01	0.00	1.37	2.00	0.00	9.31	0.01	0.00
1.38	2.00	0.00	9.31	0.01	0.00	1.39	2.00	0.00	9.30	0.01	0.00
1.40	2.00	0.00	9.30	0.01	0.00	1.41	2.00	0.00	9.29	0.01	0.00
1.42	2.00	0.00	9.29	0.01	0.00	1.43	2.00	0.00	9.29	0.01	0.00
1.44	2.00	0.00	9.28	0.01	0.00	1.45	2.00	0.00	9.28	0.01	0.00
1.46	2.00	0.00	9.27	0.01	0.00	1.47	2.00	0.00	9.27	0.01	0.00
1.48	2.00	0.00	9.26	0.01	0.00	1.49	2.00	0.00	9.26	0.01	0.00
1.50	2.00	0.00	9.25	0.01	0.00	1.51	2.00	0.00	9.24	0.01	0.00
1.52	2.00	0.00	9.24	0.01	0.00	1.53	2.00	0.00	9.23	0.01	0.00
1.54	2.00	0.00	9.23	0.01	0.00	1.55	2.00	0.00	9.22	0.01	0.00
1.56	2.00	0.00	9.22	0.01	0.00	1.57	2.00	0.00	9.21	0.01	0.00
1.58	2.00	0.00	9.21	0.01	0.00	1.59	2.00	0.00	9.21	0.01	0.00
1.60	2.00	0.00	9.20	0.01	0.00	1.61	2.00	0.00	9.20	0.01	0.00
1.62	2.00	0.00	9.19	0.01	0.00	1.63	2.00	0.00	9.19	0.01	0.00
1.64	2.00	0.00	9.18	0.01	0.00	1.65	2.00	0.00	9.18	0.01	0.00
1.66	2.00	0.00	9.17	0.01	0.00	1.67	2.00	0.00	9.16	0.01	0.00
1.68	2.00	0.00	9.16	0.01	0.00	1.69	2.00	0.00	9.15	0.01	0.00
1.70	2.00	0.00	9.15	0.01	0.00	1.71	2.00	0.00	9.14	0.01	0.00
1.72	2.00	0.00	9.14	0.01	0.00	1.73	2.00	0.00	9.13	0.01	0.00
1.74	2.00	0.00	9.13	0.01	0.00	1.75	2.00	0.00	9.13	0.01	0.00
1.76	2.00	0.00	9.12	0.01	0.00	1.77	2.00	0.00	9.12	0.01	0.00
1.78	2.00	0.00	9.11	0.01	0.00	1.79	2.00	0.00	9.11	0.01	0.00
1.80	2.00	0.00	9.10	0.01	0.00	1.81	2.00	0.00	9.10	0.01	0.00
1.82	2.00	0.00	9.09	0.01	0.00	1.83	2.00	0.00	9.09	0.01	0.00
1.84	2.00	0.00	9.08	0.01	0.00	1.85	2.00	0.00	9.07	0.01	0.00
1.86	2.00	0.00	9.07	0.01	0.00	1.87	2.00	0.00	9.06	0.01	0.00
1.88	2.00	0.00	9.06	0.01	0.00	1.89	2.00	0.00	9.05	0.01	0.00
1.90	2.00	0.00	9.05	0.01	0.00	1.91	2.00	0.00	9.04	0.01	0.00
1.92	2.00	0.00	9.04	0.01	0.00	1.93	2.00	0.00	9.04	0.01	0.00
1.94	2.00	0.00	9.03	0.01	0.00	1.95	2.00	0.00	9.03	0.01	0.00
1.96	2.00	0.00	9.02	0.01	0.00	1.97	2.00	0.00	9.02	0.01	0.00
1.98	2.00	0.00	9.01	0.01	0.00	1.99	2.00	0.00	9.01	0.01	0.00
2.00	2.00	0.00	9.00	0.01	0.00	2.01	2.00	0.00	8.99	0.01	0.00
2.02	2.00	0.00	8.99	0.01	0.00	2.03	2.00	0.00	8.98	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
2.04	2.00	0.00	8.98	0.01	0.00	2.05	2.00	0.00	8.97	0.01	0.00
2.06	2.00	0.00	8.97	0.01	0.00	2.07	2.00	0.00	8.96	0.01	0.00
2.08	2.00	0.00	8.96	0.01	0.00	2.09	2.00	0.00	8.96	0.01	0.00
2.10	2.00	0.00	8.95	0.01	0.00	2.11	2.00	0.00	8.95	0.01	0.00
2.12	2.00	0.00	8.94	0.01	0.00	2.13	2.00	0.00	8.94	0.01	0.00
2.14	2.00	0.00	8.93	0.01	0.00	2.15	2.00	0.00	8.93	0.01	0.00
2.16	2.00	0.00	8.92	0.01	0.00	2.17	2.00	0.00	8.91	0.01	0.00
2.18	2.00	0.00	8.91	0.01	0.00	2.19	2.00	0.00	8.90	0.01	0.00
2.20	2.00	0.00	8.90	0.01	0.00	2.21	2.00	0.00	8.89	0.01	0.00
2.22	2.00	0.00	8.89	0.01	0.00	2.23	2.00	0.00	8.88	0.01	0.00
2.24	2.00	0.00	8.88	0.01	0.00	2.25	2.00	0.00	8.88	0.01	0.00
2.26	2.00	0.00	8.87	0.01	0.00	2.27	2.00	0.00	8.87	0.01	0.00
2.28	2.00	0.00	8.86	0.01	0.00	2.29	2.00	0.00	8.86	0.01	0.00
2.30	2.00	0.00	8.85	0.01	0.00	2.31	2.00	0.00	8.85	0.01	0.00
2.32	2.00	0.00	8.84	0.01	0.00	2.33	2.00	0.00	8.84	0.01	0.00
2.34	2.00	0.00	8.83	0.01	0.00	2.35	2.00	0.00	8.82	0.01	0.00
2.36	2.00	0.00	8.82	0.01	0.00	2.37	2.00	0.00	8.81	0.01	0.00
2.38	2.00	0.00	8.81	0.01	0.00	2.39	2.00	0.00	8.80	0.01	0.00
2.40	2.00	0.00	8.80	0.01	0.00	2.41	2.00	0.00	8.79	0.01	0.00
2.42	2.00	0.00	8.79	0.01	0.00	2.43	2.00	0.00	8.79	0.01	0.00
2.44	2.00	0.00	8.78	0.01	0.00	2.45	2.00	0.00	8.78	0.01	0.00
2.46	2.00	0.00	8.77	0.01	0.00	2.47	2.00	0.00	8.77	0.01	0.00
2.48	2.00	0.00	8.76	0.01	0.00	2.49	2.00	0.00	8.76	0.01	0.00
2.50	2.00	0.00	8.75	0.01	0.00	2.51	2.00	0.00	8.74	0.01	0.00
2.52	2.00	0.00	8.74	0.01	0.00	2.53	2.00	0.00	8.73	0.01	0.00
2.54	2.00	0.00	8.73	0.01	0.00	2.55	2.00	0.00	8.72	0.01	0.00
2.56	2.00	0.00	8.72	0.01	0.00	2.57	2.00	0.00	8.71	0.01	0.00
2.58	2.00	0.00	8.71	0.01	0.00	2.59	2.00	0.00	8.71	0.01	0.00
2.60	2.00	0.00	8.70	0.01	0.00	2.61	2.00	0.00	8.70	0.01	0.00
2.62	2.00	0.00	8.69	0.01	0.00	2.63	2.00	0.00	8.69	0.01	0.00
2.64	2.00	0.00	8.68	0.01	0.00	2.65	2.00	0.00	8.68	0.01	0.00
2.66	2.00	0.00	8.67	0.01	0.00	2.67	2.00	0.00	8.66	0.01	0.00
2.68	2.00	0.00	8.66	0.01	0.00	2.69	2.00	0.00	8.65	0.01	0.00
2.70	2.00	0.00	8.65	0.01	0.00	2.71	2.00	0.00	8.64	0.01	0.00
2.72	2.00	0.00	8.64	0.01	0.00	2.73	2.00	0.00	8.63	0.01	0.00
2.74	2.00	0.00	8.63	0.01	0.00	2.75	2.00	0.00	8.63	0.01	0.00
2.76	2.00	0.00	8.62	0.01	0.00	2.77	2.00	0.00	8.62	0.01	0.00
2.78	2.00	0.00	8.61	0.01	0.00	2.79	2.00	0.00	8.61	0.01	0.00
2.80	2.00	0.00	8.60	0.01	0.00	2.81	2.00	0.00	8.60	0.01	0.00
2.82	2.00	0.00	8.59	0.01	0.00	2.83	2.00	0.00	8.59	0.01	0.00
2.84	2.00	0.00	8.58	0.01	0.00	2.85	2.00	0.00	8.57	0.01	0.00
2.86	2.00	0.00	8.57	0.01	0.00	2.87	2.00	0.00	8.56	0.01	0.00
2.88	2.00	0.00	8.56	0.01	0.00	2.89	2.00	0.00	8.55	0.01	0.00
2.90	2.00	0.00	8.55	0.01	0.00	2.91	2.00	0.00	8.54	0.01	0.00
2.92	2.00	0.00	8.54	0.01	0.00	2.93	2.00	0.00	8.54	0.01	0.00
2.94	2.00	0.00	8.53	0.01	0.00	2.95	2.00	0.00	8.53	0.01	0.00
2.96	2.00	0.00	8.52	0.01	0.00	2.97	2.00	0.00	8.52	0.01	0.00
2.98	2.00	0.00	8.51	0.01	0.00	2.99	2.00	0.00	8.51	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.00	2.00	0.00	8.50	0.01	0.00	3.01	2.00	0.00	8.49	0.01	0.00
3.02	2.00	0.00	8.49	0.01	0.00	3.03	2.00	0.00	8.48	0.01	0.00
3.04	2.00	0.00	8.48	0.01	0.00	3.05	2.00	0.00	8.47	0.01	0.00
3.06	2.00	0.00	8.47	0.01	0.00	3.07	2.00	0.00	8.46	0.01	0.00
3.08	2.00	0.00	8.46	0.01	0.00	3.09	2.00	0.00	8.46	0.01	0.00
3.10	2.00	0.00	8.45	0.01	0.00	3.11	2.00	0.00	8.45	0.01	0.00
3.12	2.00	0.00	8.44	0.01	0.00	3.13	2.00	0.00	8.44	0.01	0.00
3.14	2.00	0.00	8.43	0.01	0.00	3.15	2.00	0.00	8.43	0.01	0.00
3.16	2.00	0.00	8.42	0.01	0.00	3.17	2.00	0.00	8.41	0.01	0.00
3.18	2.00	0.00	8.41	0.01	0.00	3.19	2.00	0.00	8.40	0.01	0.00
3.20	2.00	0.00	8.40	0.01	0.00	3.21	2.00	0.00	8.39	0.01	0.00
3.22	2.00	0.00	8.39	0.01	0.00	3.23	2.00	0.00	8.38	0.01	0.00
3.24	2.00	0.00	8.38	0.01	0.00	3.25	2.00	0.00	8.38	0.01	0.00
3.26	2.00	0.00	8.37	0.01	0.00	3.27	2.00	0.00	8.37	0.01	0.00
3.28	2.00	0.00	8.36	0.01	0.00	3.29	2.00	0.00	8.36	0.01	0.00
3.30	2.00	0.00	8.35	0.01	0.00	3.31	2.00	0.00	8.35	0.01	0.00
3.32	2.00	0.00	8.34	0.01	0.00	3.33	2.00	0.00	8.34	0.01	0.00
3.34	2.00	0.00	8.33	0.01	0.00	3.35	2.00	0.00	8.32	0.01	0.00
3.36	2.00	0.00	8.32	0.01	0.00	3.37	2.00	0.00	8.31	0.01	0.00
3.38	2.00	0.00	8.31	0.01	0.00	3.39	2.00	0.00	8.30	0.01	0.00
3.40	2.00	0.00	8.30	0.01	0.00	3.41	2.00	0.00	8.29	0.01	0.00
3.42	2.00	0.00	8.29	0.01	0.00	3.43	2.00	0.00	8.29	0.01	0.00
3.44	2.00	0.00	8.28	0.01	0.00	3.45	2.00	0.00	8.28	0.01	0.00
3.46	2.00	0.00	8.27	0.01	0.00	3.47	2.00	0.00	8.27	0.01	0.00
3.48	2.00	0.00	8.26	0.01	0.00	3.49	2.00	0.00	8.26	0.01	0.00
3.50	2.00	0.00	8.25	0.01	0.00	3.51	2.00	0.00	8.24	0.01	0.00
3.52	2.00	0.00	8.24	0.01	0.00	3.53	2.00	0.00	8.23	0.01	0.00
3.54	2.00	0.00	8.23	0.01	0.00	3.55	2.00	0.00	8.22	0.01	0.00
3.56	2.00	0.00	8.22	0.01	0.00	3.57	2.00	0.00	8.21	0.01	0.00
3.58	2.00	0.00	8.21	0.01	0.00	3.59	2.00	0.00	8.21	0.01	0.00
3.60	2.00	0.00	8.20	0.01	0.00	3.61	2.00	0.00	8.20	0.01	0.00
3.62	2.00	0.00	8.19	0.01	0.00	3.63	2.00	0.00	8.19	0.01	0.00
3.64	2.00	0.00	8.18	0.01	0.00	3.65	2.00	0.00	8.18	0.01	0.00
3.66	2.00	0.00	8.17	0.01	0.00	3.67	2.00	0.00	8.16	0.01	0.00
3.68	2.00	0.00	8.16	0.01	0.00	3.69	2.00	0.00	8.15	0.01	0.00
3.70	2.00	0.00	8.15	0.01	0.00	3.71	2.00	0.00	8.14	0.01	0.00
3.72	2.00	0.00	8.14	0.01	0.00	3.73	2.00	0.00	8.13	0.01	0.00
3.74	2.00	0.00	8.13	0.01	0.00	3.75	2.00	0.00	8.13	0.01	0.00
3.76	2.00	0.00	8.12	0.01	0.00	3.77	2.00	0.00	8.12	0.01	0.00
3.78	2.00	0.00	8.11	0.01	0.00	3.79	2.00	0.00	8.11	0.01	0.00
3.80	2.00	0.00	8.10	0.01	0.00	3.81	2.00	0.00	8.10	0.01	0.00
3.82	2.00	0.00	8.09	0.01	0.00	3.83	2.00	0.00	8.09	0.01	0.00
3.84	2.00	0.00	8.08	0.01	0.00	3.85	2.00	0.00	8.07	0.01	0.00
3.86	2.00	0.00	8.07	0.01	0.00	3.87	2.00	0.00	8.06	0.01	0.00
3.88	2.00	0.00	8.06	0.01	0.00	3.89	2.00	0.00	8.05	0.01	0.00
3.90	2.00	0.00	8.05	0.01	0.00	3.91	2.00	0.00	8.04	0.01	0.00
3.92	2.00	0.00	8.04	0.01	0.00	3.93	2.00	0.00	8.04	0.01	0.00
3.94	2.00	0.00	8.03	0.01	0.00	3.95	2.00	0.00	8.03	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
3.96	2.00	0.00	8.02	0.01	0.00	3.97	2.00	0.00	8.02	0.01	0.00
3.98	2.00	0.00	8.01	0.01	0.00	3.99	2.00	0.00	8.01	0.01	0.00
4.00	2.00	0.00	8.00	0.01	0.00	4.01	2.00	0.00	8.00	0.01	0.00
4.02	2.00	0.00	7.99	0.01	0.00	4.03	2.00	0.00	7.99	0.01	0.00
4.04	2.00	0.00	7.98	0.01	0.00	4.05	2.00	0.00	7.97	0.01	0.00
4.06	2.00	0.00	7.97	0.01	0.00	4.07	2.00	0.00	7.96	0.01	0.00
4.08	2.00	0.00	7.96	0.01	0.00	4.09	2.00	0.00	7.96	0.01	0.00
4.10	2.00	0.00	7.95	0.01	0.00	4.11	2.00	0.00	7.95	0.01	0.00
4.12	2.00	0.00	7.94	0.01	0.00	4.13	2.00	0.00	7.93	0.01	0.00
4.14	2.00	0.00	7.93	0.01	0.00	4.15	2.00	0.00	7.92	0.01	0.00
4.16	2.00	0.00	7.92	0.01	0.00	4.17	2.00	0.00	7.92	0.01	0.00
4.18	2.00	0.00	7.91	0.01	0.00	4.19	2.00	0.00	7.91	0.01	0.00
4.20	2.00	0.00	7.90	0.01	0.00	4.21	2.00	0.00	7.89	0.01	0.00
4.22	2.00	0.00	7.89	0.01	0.00	4.23	2.00	0.00	7.88	0.01	0.00
4.24	2.00	0.00	7.88	0.01	0.00	4.25	2.00	0.00	7.88	0.01	0.00
4.26	2.00	0.00	7.87	0.01	0.00	4.27	2.00	0.00	7.87	0.01	0.00
4.28	2.00	0.00	7.86	0.01	0.00	4.29	2.00	0.00	7.86	0.01	0.00
4.30	2.00	0.00	7.85	0.01	0.00	4.31	2.00	0.00	7.84	0.01	0.00
4.32	2.00	0.00	7.84	0.01	0.00	4.33	2.00	0.00	7.83	0.01	0.00
4.34	2.00	0.00	7.83	0.01	0.00	4.35	2.00	0.00	7.83	0.01	0.00
4.36	2.00	0.00	7.82	0.01	0.00	4.37	2.00	0.00	7.82	0.01	0.00
4.38	2.00	0.00	7.81	0.01	0.00	4.39	2.00	0.00	7.80	0.01	0.00
4.40	2.00	0.00	7.80	0.01	0.00	4.41	2.00	0.00	7.79	0.01	0.00
4.42	2.00	0.00	7.79	0.01	0.00	4.43	2.00	0.00	7.79	0.01	0.00
4.44	2.00	0.00	7.78	0.01	0.00	4.45	2.00	0.00	7.78	0.01	0.00
4.46	2.00	0.00	7.77	0.01	0.00	4.47	2.00	0.00	7.76	0.01	0.00
4.48	2.00	0.00	7.76	0.01	0.00	4.49	2.00	0.00	7.75	0.01	0.00
4.50	2.00	0.00	7.75	0.01	0.00	4.51	2.00	0.00	7.75	0.01	0.00
4.52	2.00	0.00	7.74	0.01	0.00	4.53	2.00	0.00	7.74	0.01	0.00
4.54	2.00	0.00	7.73	0.01	0.00	4.55	2.00	0.00	7.72	0.01	0.00
4.56	2.00	0.00	7.72	0.01	0.00	4.57	2.00	0.00	7.71	0.01	0.00
4.58	2.00	0.00	7.71	0.01	0.00	4.59	2.00	0.00	7.71	0.01	0.00
4.60	2.00	0.00	7.70	0.01	0.00	4.61	2.00	0.00	7.70	0.01	0.00
4.62	2.00	0.00	7.69	0.01	0.00	4.63	2.00	0.00	7.68	0.01	0.00
4.64	2.00	0.00	7.68	0.01	0.00	4.65	2.00	0.00	7.67	0.01	0.00
4.66	2.00	0.00	7.67	0.01	0.00	4.67	2.00	0.00	7.67	0.01	0.00
4.68	2.00	0.00	7.66	0.01	0.00	4.69	2.00	0.00	7.66	0.01	0.00
4.70	2.00	0.00	7.65	0.01	0.00	4.71	2.00	0.00	7.64	0.01	0.00
4.72	2.00	0.00	7.64	0.01	0.00	4.73	2.00	0.00	7.63	0.01	0.00
4.74	2.00	0.00	7.63	0.01	0.00	4.75	2.00	0.00	7.63	0.01	0.00
4.76	2.00	0.00	7.62	0.01	0.00	4.77	2.00	0.00	7.62	0.01	0.00
4.78	2.00	0.00	7.61	0.01	0.00	4.79	2.00	0.00	7.61	0.01	0.00
4.80	2.00	0.00	7.60	0.01	0.00	4.81	2.00	0.00	7.59	0.01	0.00
4.82	2.00	0.00	7.59	0.01	0.00	4.83	2.00	0.00	7.58	0.01	0.00
4.84	2.00	0.00	7.58	0.01	0.00	4.85	2.00	0.00	7.58	0.01	0.00
4.86	2.00	0.00	7.57	0.01	0.00	4.87	2.00	0.00	7.57	0.01	0.00
4.88	2.00	0.00	7.56	0.01	0.00	4.89	2.00	0.00	7.55	0.01	0.00
4.90	2.00	0.00	7.55	0.01	0.00	4.91	2.00	0.00	7.54	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
4.92	2.00	0.00	7.54	0.01	0.00	4.93	2.00	0.00	7.54	0.01	0.00
4.94	2.00	0.00	7.53	0.01	0.00	4.95	2.00	0.00	7.53	0.01	0.00
4.96	2.00	0.00	7.52	0.01	0.00	4.97	2.00	0.00	7.51	0.01	0.00
4.98	2.00	0.00	7.51	0.01	0.00	4.99	2.00	0.00	7.50	0.01	0.00
5.00	2.00	0.00	7.50	0.01	0.00	5.01	2.00	0.00	7.50	0.01	0.00
5.02	2.00	0.00	7.49	0.01	0.00	5.03	2.00	0.00	7.49	0.01	0.00
5.04	2.00	0.00	7.48	0.01	0.00	5.05	2.00	0.00	7.47	0.01	0.00
5.06	2.00	0.00	7.47	0.01	0.00	5.07	2.00	0.00	7.46	0.01	0.00
5.08	2.00	0.00	7.46	0.01	0.00	5.09	2.00	0.00	7.46	0.01	0.00
5.10	2.00	0.00	7.45	0.01	0.00	5.11	2.00	0.00	7.45	0.01	0.00
5.12	2.00	0.00	7.44	0.01	0.00	5.13	2.00	0.00	7.43	0.01	0.00
5.14	2.00	0.00	7.43	0.01	0.00	5.15	2.00	0.00	7.42	0.01	0.00
5.16	2.00	0.00	7.42	0.01	0.00	5.17	2.00	0.00	7.42	0.01	0.00
5.18	2.00	0.00	7.41	0.01	0.00	5.19	2.00	0.00	7.41	0.01	0.00
5.20	2.00	0.00	7.40	0.01	0.00	5.21	2.00	0.00	7.39	0.01	0.00
5.22	2.00	0.00	7.39	0.01	0.00	5.23	2.00	0.00	7.38	0.01	0.00
5.24	2.00	0.00	7.38	0.01	0.00	5.25	2.00	0.00	7.38	0.01	0.00
5.26	2.00	0.00	7.37	0.01	0.00	5.27	2.00	0.00	7.37	0.01	0.00
5.28	2.00	0.00	7.36	0.01	0.00	5.29	2.00	0.00	7.36	0.01	0.00
5.30	2.00	0.00	7.35	0.01	0.00	5.31	2.00	0.00	7.34	0.01	0.00
5.32	2.00	0.00	7.34	0.01	0.00	5.33	2.00	0.00	7.33	0.01	0.00
5.34	2.00	0.00	7.33	0.01	0.00	5.35	2.00	0.00	7.33	0.01	0.00
5.36	2.00	0.00	7.32	0.01	0.00	5.37	2.00	0.00	7.32	0.01	0.00
5.38	2.00	0.00	7.31	0.01	0.00	5.39	2.00	0.00	7.30	0.01	0.00
5.40	2.00	0.00	7.30	0.01	0.00	5.41	2.00	0.00	7.29	0.01	0.00
5.42	2.00	0.00	7.29	0.01	0.00	5.43	2.00	0.00	7.29	0.01	0.00
5.44	2.00	0.00	7.28	0.01	0.00	5.45	2.00	0.00	7.28	0.01	0.00
5.46	2.00	0.00	7.27	0.01	0.00	5.47	2.00	0.00	7.26	0.01	0.00
5.48	2.00	0.00	7.26	0.01	0.00	5.49	2.00	0.00	7.25	0.01	0.00
5.50	2.00	0.00	7.25	0.01	0.00	5.51	2.00	0.00	7.25	0.01	0.00
5.52	2.00	0.00	7.24	0.01	0.00	5.53	2.00	0.00	7.24	0.01	0.00
5.54	2.00	0.00	7.23	0.01	0.00	5.55	2.00	0.00	7.22	0.01	0.00
5.56	2.00	0.00	7.22	0.01	0.00	5.57	2.00	0.00	7.21	0.01	0.00
5.58	2.00	0.00	7.21	0.01	0.00	5.59	2.00	0.00	7.21	0.01	0.00
5.60	2.00	0.00	7.20	0.01	0.00	5.61	2.00	0.00	7.20	0.01	0.00
5.62	2.00	0.00	7.19	0.01	0.00	5.63	2.00	0.00	7.18	0.01	0.00
5.64	2.00	0.00	7.18	0.01	0.00	5.65	2.00	0.00	7.17	0.01	0.00
5.66	2.00	0.00	7.17	0.01	0.00	5.67	2.00	0.00	7.17	0.01	0.00
5.68	2.00	0.00	7.16	0.01	0.00	5.69	2.00	0.00	7.16	0.01	0.00
5.70	2.00	0.00	7.15	0.01	0.00	5.71	2.00	0.00	7.14	0.01	0.00
5.72	2.00	0.00	7.14	0.01	0.00	5.73	2.00	0.00	7.13	0.01	0.00
5.74	2.00	0.00	7.13	0.01	0.00	5.75	2.00	0.00	7.13	0.01	0.00
5.76	2.00	0.00	7.12	0.01	0.00	5.77	2.00	0.00	7.12	0.01	0.00
5.78	2.00	0.00	7.11	0.01	0.00	5.79	2.00	0.00	7.11	0.01	0.00
5.80	2.00	0.00	7.10	0.01	0.00	5.81	2.00	0.00	7.09	0.01	0.00
5.82	2.00	0.00	7.09	0.01	0.00	5.83	2.00	0.00	7.08	0.01	0.00
5.84	2.00	0.00	7.08	0.01	0.00	5.85	2.00	0.00	7.08	0.01	0.00
5.86	2.00	0.00	7.07	0.01	0.00	5.87	2.00	0.00	7.07	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
5.88	2.00	0.00	7.06	0.01	0.00	5.89	2.00	0.00	7.05	0.01	0.00
5.90	2.00	0.00	7.05	0.01	0.00	5.91	2.00	0.00	7.04	0.01	0.00
5.92	2.00	0.00	7.04	0.01	0.00	5.93	2.00	0.00	7.04	0.01	0.00
5.94	2.00	0.00	7.03	0.01	0.00	5.95	2.00	0.00	7.03	0.01	0.00
5.96	2.00	0.00	7.02	0.01	0.00	5.97	2.00	0.00	7.01	0.01	0.00
5.98	2.00	0.00	7.01	0.01	0.00	5.99	2.00	0.00	7.00	0.01	0.00
6.00	2.00	0.00	7.00	0.01	0.00	6.01	2.00	0.00	7.00	0.01	0.00
6.02	2.00	0.00	6.99	0.01	0.00	6.03	2.00	0.00	6.99	0.01	0.00
6.04	2.00	0.00	6.98	0.01	0.00	6.05	2.00	0.00	6.97	0.01	0.00
6.06	2.00	0.00	6.97	0.01	0.00	6.07	2.00	0.00	6.96	0.01	0.00
6.08	2.00	0.00	6.96	0.01	0.00	6.09	2.00	0.00	6.96	0.01	0.00
6.10	2.00	0.00	6.95	0.01	0.00	6.11	2.00	0.00	6.95	0.01	0.00
6.12	2.00	0.00	6.94	0.01	0.00	6.13	2.00	0.00	6.93	0.01	0.00
6.14	2.00	0.00	6.93	0.01	0.00	6.15	2.00	0.00	6.92	0.01	0.00
6.16	2.00	0.00	6.92	0.01	0.00	6.17	2.00	0.00	6.92	0.01	0.00
6.18	2.00	0.00	6.91	0.01	0.00	6.19	2.00	0.00	6.91	0.01	0.00
6.20	2.00	0.00	6.90	0.01	0.00	6.21	2.00	0.00	6.89	0.01	0.00
6.22	2.00	0.00	6.89	0.01	0.00	6.23	2.00	0.00	6.88	0.01	0.00
6.24	2.00	0.00	6.88	0.01	0.00	6.25	2.00	0.00	6.88	0.01	0.00
6.26	2.00	0.00	6.87	0.01	0.00	6.27	2.00	0.00	6.87	0.01	0.00
6.28	2.00	0.00	6.86	0.01	0.00	6.29	2.00	0.00	6.86	0.01	0.00
6.30	2.00	0.00	6.85	0.01	0.00	6.31	2.00	0.00	6.84	0.01	0.00
6.32	2.00	0.00	6.84	0.01	0.00	6.33	2.00	0.00	6.83	0.01	0.00
6.34	2.00	0.00	6.83	0.01	0.00	6.35	2.00	0.00	6.83	0.01	0.00
6.36	2.00	0.00	6.82	0.01	0.00	6.37	2.00	0.00	6.82	0.01	0.00
6.38	2.00	0.00	6.81	0.01	0.00	6.39	2.00	0.00	6.80	0.01	0.00
6.40	2.00	0.00	6.80	0.01	0.00	6.41	2.00	0.00	6.79	0.01	0.00
6.42	2.00	0.00	6.79	0.01	0.00	6.43	2.00	0.00	6.79	0.01	0.00
6.44	2.00	0.00	6.78	0.01	0.00	6.45	2.00	0.00	6.78	0.01	0.00
6.46	2.00	0.00	6.77	0.01	0.00	6.47	2.00	0.00	6.76	0.01	0.00
6.48	2.00	0.00	6.76	0.01	0.00	6.49	2.00	0.00	6.75	0.01	0.00
6.50	2.00	0.00	6.75	0.01	0.00	6.51	2.00	0.00	6.75	0.01	0.00
6.52	2.00	0.00	6.74	0.01	0.00	6.53	2.00	0.00	6.74	0.01	0.00
6.54	2.00	0.00	6.73	0.01	0.00	6.55	2.00	0.00	6.72	0.01	0.00
6.56	2.00	0.00	6.72	0.01	0.00	6.57	2.00	0.00	6.71	0.01	0.00
6.58	2.00	0.00	6.71	0.01	0.00	6.59	2.00	0.00	6.71	0.01	0.00
6.60	2.00	0.00	6.70	0.01	0.00	6.61	2.00	0.00	6.70	0.01	0.00
6.62	2.00	0.00	6.69	0.01	0.00	6.63	2.00	0.00	6.68	0.01	0.00
6.64	2.00	0.00	6.68	0.01	0.00	6.65	2.00	0.00	6.67	0.01	0.00
6.66	2.00	0.00	6.67	0.01	0.00	6.67	2.00	0.00	6.67	0.01	0.00
6.68	2.00	0.00	6.66	0.01	0.00	6.69	2.00	0.00	6.66	0.01	0.00
6.70	2.00	0.00	6.65	0.01	0.00	6.71	2.00	0.00	6.64	0.01	0.00
6.72	2.00	0.00	6.64	0.01	0.00	6.73	2.00	0.00	6.63	0.01	0.00
6.74	2.00	0.00	6.63	0.01	0.00	6.75	2.00	0.00	6.63	0.01	0.00
6.76	2.00	0.00	6.62	0.01	0.00	6.77	2.00	0.00	6.62	0.01	0.00
6.78	2.00	0.00	6.61	0.01	0.00	6.79	2.00	0.00	6.61	0.01	0.00
6.80	2.00	0.00	6.60	0.01	0.00	6.81	2.00	0.00	6.59	0.01	0.00
6.82	2.00	0.00	6.59	0.01	0.00	6.83	2.00	0.00	6.58	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
6.84	2.00	0.00	6.58	0.01	0.00	6.85	2.00	0.00	6.58	0.01	0.00
6.86	2.00	0.00	6.57	0.01	0.00	6.87	2.00	0.00	6.57	0.01	0.00
6.88	2.00	0.00	6.56	0.01	0.00	6.89	2.00	0.00	6.55	0.01	0.00
6.90	2.00	0.00	6.55	0.01	0.00	6.91	2.00	0.00	6.54	0.01	0.00
6.92	2.00	0.00	6.54	0.01	0.00	6.93	2.00	0.00	6.54	0.01	0.00
6.94	2.00	0.00	6.53	0.01	0.00	6.95	2.00	0.00	6.53	0.01	0.00
6.96	2.00	0.00	6.52	0.01	0.00	6.97	2.00	0.00	6.51	0.01	0.00
6.98	2.00	0.00	6.51	0.01	0.00	6.99	2.00	0.00	6.50	0.01	0.00
7.00	2.00	0.00	6.50	0.01	0.00	7.01	2.00	0.00	6.50	0.01	0.00
7.02	2.00	0.00	6.49	0.01	0.00	7.03	2.00	0.00	6.49	0.01	0.00
7.04	2.00	0.00	6.48	0.01	0.00	7.05	2.00	0.00	6.47	0.01	0.00
7.06	2.00	0.00	6.47	0.01	0.00	7.07	2.00	0.00	6.46	0.01	0.00
7.08	2.00	0.00	6.46	0.01	0.00	7.09	2.00	0.00	6.46	0.01	0.00
7.10	2.00	0.00	6.45	0.01	0.00	7.11	2.00	0.00	6.45	0.01	0.00
7.12	2.00	0.00	6.44	0.01	0.00	7.13	2.00	0.00	6.43	0.01	0.00
7.14	2.00	0.00	6.43	0.01	0.00	7.15	2.00	0.00	6.42	0.01	0.00
7.16	2.00	0.00	6.42	0.01	0.00	7.17	2.00	0.00	6.42	0.01	0.00
7.18	2.00	0.00	6.41	0.01	0.00	7.19	2.00	0.00	6.41	0.01	0.00
7.20	2.00	0.00	6.40	0.01	0.00	7.21	2.00	0.00	6.39	0.01	0.00
7.22	2.00	0.00	6.39	0.01	0.00	7.23	2.00	0.00	6.38	0.01	0.00
7.24	2.00	0.00	6.38	0.01	0.00	7.25	2.00	0.00	6.38	0.01	0.00
7.26	2.00	0.00	6.37	0.01	0.00	7.27	2.00	0.00	6.37	0.01	0.00
7.28	2.00	0.00	6.36	0.01	0.00	7.29	2.00	0.00	6.36	0.01	0.00
7.30	2.00	0.00	6.35	0.01	0.00	7.31	2.00	0.00	6.34	0.01	0.00
7.32	2.00	0.00	6.34	0.01	0.00	7.33	2.00	0.00	6.33	0.01	0.00
7.34	2.00	0.00	6.33	0.01	0.00	7.35	2.00	0.00	6.33	0.01	0.00
7.36	2.00	0.00	6.32	0.01	0.00	7.37	2.00	0.00	6.32	0.01	0.00
7.38	2.00	0.00	6.31	0.01	0.00	7.39	2.00	0.00	6.30	0.01	0.00
7.40	2.00	0.00	6.30	0.01	0.00	7.41	2.00	0.00	6.29	0.01	0.00
7.42	2.00	0.00	6.29	0.01	0.00	7.43	2.00	0.00	6.29	0.01	0.00
7.44	2.00	0.00	6.28	0.01	0.00	7.45	2.00	0.00	6.28	0.01	0.00
7.46	2.00	0.00	6.27	0.01	0.00	7.47	2.00	0.00	6.26	0.01	0.00
7.48	2.00	0.00	6.26	0.01	0.00	7.49	2.00	0.00	6.25	0.01	0.00
7.50	2.00	0.00	6.25	0.01	0.00	7.51	2.00	0.00	6.25	0.01	0.00
7.52	2.00	0.00	6.24	0.01	0.00	7.53	2.00	0.00	6.24	0.01	0.00
7.54	2.00	0.00	6.23	0.01	0.00	7.55	2.00	0.00	6.22	0.01	0.00
7.56	2.00	0.00	6.22	0.01	0.00	7.57	2.00	0.00	6.21	0.01	0.00
7.58	2.00	0.00	6.21	0.01	0.00	7.59	2.00	0.00	6.21	0.01	0.00
7.60	2.00	0.00	6.20	0.01	0.00	7.61	2.00	0.00	6.20	0.01	0.00
7.62	2.00	0.00	6.19	0.01	0.00	7.63	2.00	0.00	6.18	0.01	0.00
7.64	2.00	0.00	6.18	0.01	0.00	7.65	2.00	0.00	6.17	0.01	0.00
7.66	2.00	0.00	6.17	0.01	0.00	7.67	2.00	0.00	6.17	0.01	0.00
7.68	2.00	0.00	6.16	0.01	0.00	7.69	2.00	0.00	6.16	0.01	0.00
7.70	2.00	0.00	6.15	0.01	0.00	7.71	2.00	0.00	6.14	0.01	0.00
7.72	2.00	0.00	6.14	0.01	0.00	7.73	2.00	0.00	6.13	0.01	0.00
7.74	2.00	0.00	6.13	0.01	0.00	7.75	2.00	0.00	6.13	0.01	0.00
7.76	2.00	0.00	6.12	0.01	0.00	7.77	2.00	0.00	6.12	0.01	0.00
7.78	2.00	0.00	6.11	0.01	0.00	7.79	2.00	0.00	6.11	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
7.80	2.00	0.00	6.10	0.01	0.00	7.81	2.00	0.00	6.09	0.01	0.00
7.82	2.00	0.00	6.09	0.01	0.00	7.83	2.00	0.00	6.08	0.01	0.00
7.84	2.00	0.00	6.08	0.01	0.00	7.85	2.00	0.00	6.08	0.01	0.00
7.86	2.00	0.00	6.07	0.01	0.00	7.87	2.00	0.00	6.07	0.01	0.00
7.88	2.00	0.00	6.06	0.01	0.00	7.89	2.00	0.00	6.05	0.01	0.00
7.90	2.00	0.00	6.05	0.01	0.00	7.91	2.00	0.00	6.04	0.01	0.00
7.92	2.00	0.00	6.04	0.01	0.00	7.93	2.00	0.00	6.04	0.01	0.00
7.94	2.00	0.00	6.03	0.01	0.00	7.95	2.00	0.00	6.03	0.01	0.00
7.96	2.00	0.00	6.02	0.01	0.00	7.97	2.00	0.00	6.01	0.01	0.00
7.98	2.00	0.00	6.01	0.01	0.00	7.99	2.00	0.00	6.00	0.01	0.00
8.00	2.00	0.00	6.00	0.01	0.00	8.01	2.00	0.00	6.00	0.01	0.00
8.02	2.00	0.00	5.99	0.01	0.00	8.03	2.00	0.00	5.99	0.01	0.00
8.04	2.00	0.00	5.98	0.01	0.00	8.05	2.00	0.00	5.97	0.01	0.00
8.06	2.00	0.00	5.97	0.01	0.00	8.07	2.00	0.00	5.96	0.01	0.00
8.08	2.00	0.00	5.96	0.01	0.00	8.09	2.00	0.00	5.96	0.01	0.00
8.10	2.00	0.00	5.95	0.01	0.00	8.11	2.00	0.00	5.95	0.01	0.00
8.12	2.00	0.00	5.94	0.01	0.00	8.13	2.00	0.00	5.93	0.01	0.00
8.14	2.00	0.00	5.93	0.01	0.00	8.15	2.00	0.00	5.92	0.01	0.00
8.16	2.00	0.00	5.92	0.01	0.00	8.17	2.00	0.00	5.92	0.01	0.00
8.18	2.00	0.00	5.91	0.01	0.00	8.19	2.00	0.00	5.91	0.01	0.00
8.20	2.00	0.00	5.90	0.01	0.00	8.21	2.00	0.00	5.89	0.01	0.00
8.22	2.00	0.00	5.89	0.01	0.00	8.23	2.00	0.00	5.88	0.01	0.00
8.24	2.00	0.00	5.88	0.01	0.00	8.25	2.00	0.00	5.88	0.01	0.00
8.26	2.00	0.00	5.87	0.01	0.00	8.27	2.00	0.00	5.87	0.01	0.00
8.28	2.00	0.00	5.86	0.01	0.00	8.29	2.00	0.00	5.86	0.01	0.00
8.30	2.00	0.00	5.85	0.01	0.00	8.31	2.00	0.00	5.84	0.01	0.00
8.32	2.00	0.00	5.84	0.01	0.00	8.33	2.00	0.00	5.83	0.01	0.00
8.34	2.00	0.00	5.83	0.01	0.00	8.35	2.00	0.00	5.83	0.01	0.00
8.36	2.00	0.00	5.82	0.01	0.00	8.37	2.00	0.00	5.82	0.01	0.00
8.38	2.00	0.00	5.81	0.01	0.00	8.39	2.00	0.00	5.80	0.01	0.00
8.40	2.00	0.00	5.80	0.01	0.00	8.41	2.00	0.00	5.79	0.01	0.00
8.42	2.00	0.00	5.79	0.01	0.00	8.43	2.00	0.00	5.79	0.01	0.00
8.44	2.00	0.00	5.78	0.01	0.00	8.45	2.00	0.00	5.78	0.01	0.00
8.46	2.00	0.00	5.77	0.01	0.00	8.47	2.00	0.00	5.76	0.01	0.00
8.48	2.00	0.00	5.76	0.01	0.00	8.49	2.00	0.00	5.75	0.01	0.00
8.50	2.00	0.00	5.75	0.01	0.00	8.51	2.00	0.00	5.75	0.01	0.00
8.52	2.00	0.00	5.74	0.01	0.00	8.53	2.00	0.00	5.74	0.01	0.00
8.54	2.00	0.00	5.73	0.01	0.00	8.55	2.00	0.00	5.72	0.01	0.00
8.56	2.00	0.00	5.72	0.01	0.00	8.57	2.00	0.00	5.71	0.01	0.00
8.58	2.00	0.00	5.71	0.01	0.00	8.59	2.00	0.00	5.71	0.01	0.00
8.60	2.00	0.00	5.70	0.01	0.00	8.61	2.00	0.00	5.70	0.01	0.00
8.62	2.00	0.00	5.69	0.01	0.00	8.63	2.00	0.00	5.68	0.01	0.00
8.64	2.00	0.00	5.68	0.01	0.00	8.65	2.00	0.00	5.67	0.01	0.00
8.66	2.00	0.00	5.67	0.01	0.00	8.67	2.00	0.00	5.67	0.01	0.00
8.68	2.00	0.00	5.66	0.01	0.00	8.69	2.00	0.00	5.66	0.01	0.00
8.70	2.00	0.00	5.65	0.01	0.00	8.71	2.00	0.00	5.64	0.01	0.00
8.72	2.00	0.00	5.64	0.01	0.00	8.73	2.00	0.00	5.63	0.01	0.00
8.74	2.00	0.00	5.63	0.01	0.00	8.75	2.00	0.00	5.63	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
8.76	2.00	0.00	5.62	0.01	0.00	8.77	2.00	0.00	5.62	0.01	0.00
8.78	2.00	0.00	5.61	0.01	0.00	8.79	2.00	0.00	5.61	0.01	0.00
8.80	2.00	0.00	5.60	0.01	0.00	8.81	2.00	0.00	5.59	0.01	0.00
8.82	2.00	0.00	5.59	0.01	0.00	8.83	2.00	0.00	5.58	0.01	0.00
8.84	2.00	0.00	5.58	0.01	0.00	8.85	2.00	0.00	5.58	0.01	0.00
8.86	2.00	0.00	5.57	0.01	0.00	8.87	2.00	0.00	5.57	0.01	0.00
8.88	2.00	0.00	5.56	0.01	0.00	8.89	2.00	0.00	5.55	0.01	0.00
8.90	2.00	0.00	5.55	0.01	0.00	8.91	2.00	0.00	5.54	0.01	0.00
8.92	2.00	0.00	5.54	0.01	0.00	8.93	2.00	0.00	5.54	0.01	0.00
8.94	2.00	0.00	5.53	0.01	0.00	8.95	2.00	0.00	5.53	0.01	0.00
8.96	0.34	0.66	5.52	0.01	0.04	8.97	0.33	0.67	5.51	0.01	0.04
8.98	0.33	0.67	5.51	0.01	0.04	8.99	0.33	0.67	5.50	0.01	0.04
9.00	0.33	0.67	5.50	0.01	0.04	9.01	0.33	0.67	5.50	0.01	0.04
9.02	0.33	0.67	5.49	0.01	0.04	9.03	0.33	0.67	5.49	0.01	0.04
9.04	0.33	0.67	5.48	0.01	0.04	9.05	0.34	0.66	5.47	0.01	0.04
9.06	0.34	0.66	5.47	0.01	0.04	9.07	0.34	0.66	5.46	0.01	0.04
9.08	0.34	0.66	5.46	0.01	0.04	9.09	0.34	0.66	5.46	0.01	0.04
9.10	2.00	0.00	5.45	0.01	0.00	9.11	2.00	0.00	5.45	0.01	0.00
9.12	2.00	0.00	5.44	0.01	0.00	9.13	2.00	0.00	5.43	0.01	0.00
9.14	2.00	0.00	5.43	0.01	0.00	9.15	2.00	0.00	5.42	0.01	0.00
9.16	2.00	0.00	5.42	0.01	0.00	9.17	2.00	0.00	5.42	0.01	0.00
9.18	2.00	0.00	5.41	0.01	0.00	9.19	2.00	0.00	5.41	0.01	0.00
9.20	2.00	0.00	5.40	0.01	0.00	9.21	2.00	0.00	5.39	0.01	0.00
9.22	2.00	0.00	5.39	0.01	0.00	9.23	2.00	0.00	5.38	0.01	0.00
9.24	2.00	0.00	5.38	0.01	0.00	9.25	2.00	0.00	5.38	0.01	0.00
9.26	2.00	0.00	5.37	0.01	0.00	9.27	2.00	0.00	5.37	0.01	0.00
9.28	2.00	0.00	5.36	0.01	0.00	9.29	2.00	0.00	5.36	0.01	0.00
9.30	2.00	0.00	5.35	0.01	0.00	9.31	0.36	0.64	5.34	0.01	0.03
9.32	0.36	0.64	5.34	0.01	0.03	9.33	0.36	0.64	5.33	0.01	0.03
9.34	0.36	0.64	5.33	0.01	0.03	9.35	0.37	0.63	5.33	0.01	0.03
9.36	0.38	0.62	5.32	0.01	0.03	9.37	0.40	0.60	5.32	0.01	0.03
9.38	0.42	0.58	5.31	0.01	0.03	9.39	0.45	0.55	5.30	0.01	0.03
9.40	0.47	0.53	5.30	0.01	0.03	9.41	0.47	0.53	5.29	0.01	0.03
9.42	0.47	0.53	5.29	0.01	0.03	9.43	0.47	0.53	5.29	0.01	0.03
9.44	0.47	0.53	5.28	0.01	0.03	9.45	0.48	0.52	5.28	0.01	0.03
9.46	0.48	0.52	5.27	0.01	0.03	9.47	0.49	0.51	5.26	0.01	0.03
9.48	0.50	0.50	5.26	0.01	0.03	9.49	0.50	0.50	5.25	0.01	0.03
9.50	0.50	0.50	5.25	0.01	0.03	9.51	0.50	0.50	5.25	0.01	0.03
9.52	0.49	0.51	5.24	0.01	0.03	9.53	0.50	0.50	5.24	0.01	0.03
9.54	0.50	0.50	5.23	0.01	0.03	9.55	0.51	0.49	5.22	0.01	0.03
9.56	0.52	0.48	5.22	0.01	0.03	9.57	0.55	0.45	5.21	0.01	0.02
9.58	0.58	0.42	5.21	0.01	0.02	9.59	0.62	0.38	5.21	0.01	0.02
9.60	0.67	0.33	5.20	0.01	0.02	9.61	0.72	0.28	5.20	0.01	0.01
9.62	0.78	0.22	5.19	0.01	0.01	9.63	0.81	0.19	5.18	0.01	0.01
9.64	2.00	0.00	5.18	0.01	0.00	9.65	2.00	0.00	5.17	0.01	0.00
9.66	2.00	0.00	5.17	0.01	0.00	9.67	2.00	0.00	5.17	0.01	0.00
9.68	2.00	0.00	5.16	0.01	0.00	9.69	2.00	0.00	5.16	0.01	0.00
9.70	2.00	0.00	5.15	0.01	0.00	9.71	2.00	0.00	5.14	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
9.72	2.00	0.00	5.14	0.01	0.00	9.73	2.00	0.00	5.13	0.01	0.00
9.74	2.00	0.00	5.13	0.01	0.00	9.75	2.00	0.00	5.13	0.01	0.00
9.76	2.00	0.00	5.12	0.01	0.00	9.77	2.00	0.00	5.12	0.01	0.00
9.78	2.00	0.00	5.11	0.01	0.00	9.79	2.00	0.00	5.11	0.01	0.00
9.80	2.00	0.00	5.10	0.01	0.00	9.81	2.00	0.00	5.09	0.01	0.00
9.82	2.00	0.00	5.09	0.01	0.00	9.83	2.00	0.00	5.08	0.01	0.00
9.84	2.00	0.00	5.08	0.01	0.00	9.85	2.00	0.00	5.08	0.01	0.00
9.86	2.00	0.00	5.07	0.01	0.00	9.87	2.00	0.00	5.07	0.01	0.00
9.88	2.00	0.00	5.06	0.01	0.00	9.89	2.00	0.00	5.05	0.01	0.00
9.90	2.00	0.00	5.05	0.01	0.00	9.91	2.00	0.00	5.04	0.01	0.00
9.92	2.00	0.00	5.04	0.01	0.00	9.93	2.00	0.00	5.04	0.01	0.00
9.94	2.00	0.00	5.03	0.01	0.00	9.95	2.00	0.00	5.03	0.01	0.00
9.96	2.00	0.00	5.02	0.01	0.00	9.97	2.00	0.00	5.01	0.01	0.00
9.98	2.00	0.00	5.01	0.01	0.00	9.99	2.00	0.00	5.00	0.01	0.00
10.00	2.00	0.00	5.00	0.01	0.00	10.01	2.00	0.00	5.00	0.01	0.00
10.02	2.00	0.00	4.99	0.01	0.00	10.03	2.00	0.00	4.99	0.01	0.00
10.04	2.00	0.00	4.98	0.01	0.00	10.05	2.00	0.00	4.97	0.01	0.00
10.06	2.00	0.00	4.97	0.01	0.00	10.07	2.00	0.00	4.96	0.01	0.00
10.08	2.00	0.00	4.96	0.01	0.00	10.09	2.00	0.00	4.96	0.01	0.00
10.10	2.00	0.00	4.95	0.01	0.00	10.11	2.00	0.00	4.95	0.01	0.00
10.12	2.00	0.00	4.94	0.01	0.00	10.13	2.00	0.00	4.93	0.01	0.00
10.14	2.00	0.00	4.93	0.01	0.00	10.15	2.00	0.00	4.92	0.01	0.00
10.16	2.00	0.00	4.92	0.01	0.00	10.17	2.00	0.00	4.92	0.01	0.00
10.18	2.00	0.00	4.91	0.01	0.00	10.19	2.00	0.00	4.91	0.01	0.00
10.20	2.00	0.00	4.90	0.01	0.00	10.21	2.00	0.00	4.89	0.01	0.00
10.22	2.00	0.00	4.89	0.01	0.00	10.23	2.00	0.00	4.88	0.01	0.00
10.24	2.00	0.00	4.88	0.01	0.00	10.25	2.00	0.00	4.88	0.01	0.00
10.26	2.00	0.00	4.87	0.01	0.00	10.27	2.00	0.00	4.87	0.01	0.00
10.28	2.00	0.00	4.86	0.01	0.00	10.29	2.00	0.00	4.86	0.01	0.00
10.30	2.00	0.00	4.85	0.01	0.00	10.31	2.00	0.00	4.84	0.01	0.00
10.32	2.00	0.00	4.84	0.01	0.00	10.33	2.00	0.00	4.83	0.01	0.00
10.34	2.00	0.00	4.83	0.01	0.00	10.35	2.00	0.00	4.83	0.01	0.00
10.36	2.00	0.00	4.82	0.01	0.00	10.37	2.00	0.00	4.82	0.01	0.00
10.38	2.00	0.00	4.81	0.01	0.00	10.39	2.00	0.00	4.80	0.01	0.00
10.40	2.00	0.00	4.80	0.01	0.00	10.41	2.00	0.00	4.79	0.01	0.00
10.42	2.00	0.00	4.79	0.01	0.00	10.43	2.00	0.00	4.79	0.01	0.00
10.44	2.00	0.00	4.78	0.01	0.00	10.45	2.00	0.00	4.78	0.01	0.00
10.46	2.00	0.00	4.77	0.01	0.00	10.47	2.00	0.00	4.76	0.01	0.00
10.48	2.00	0.00	4.76	0.01	0.00	10.49	2.00	0.00	4.75	0.01	0.00
10.50	2.00	0.00	4.75	0.01	0.00	10.51	2.00	0.00	4.75	0.01	0.00
10.52	2.00	0.00	4.74	0.01	0.00	10.53	2.00	0.00	4.74	0.01	0.00
10.54	2.00	0.00	4.73	0.01	0.00	10.55	2.00	0.00	4.72	0.01	0.00
10.56	2.00	0.00	4.72	0.01	0.00	10.57	2.00	0.00	4.71	0.01	0.00
10.58	2.00	0.00	4.71	0.01	0.00	10.59	2.00	0.00	4.71	0.01	0.00
10.60	2.00	0.00	4.70	0.01	0.00	10.61	2.00	0.00	4.70	0.01	0.00
10.62	2.00	0.00	4.69	0.01	0.00	10.63	2.00	0.00	4.68	0.01	0.00
10.64	2.00	0.00	4.68	0.01	0.00	10.65	2.00	0.00	4.67	0.01	0.00
10.66	2.00	0.00	4.67	0.01	0.00	10.67	2.00	0.00	4.67	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
10.68	2.00	0.00	4.66	0.01	0.00	10.69	2.00	0.00	4.66	0.01	0.00
10.70	2.00	0.00	4.65	0.01	0.00	10.71	2.00	0.00	4.64	0.01	0.00
10.72	2.00	0.00	4.64	0.01	0.00	10.73	2.00	0.00	4.63	0.01	0.00
10.74	2.00	0.00	4.63	0.01	0.00	10.75	2.00	0.00	4.63	0.01	0.00
10.76	2.00	0.00	4.62	0.01	0.00	10.77	2.00	0.00	4.62	0.01	0.00
10.78	2.00	0.00	4.61	0.01	0.00	10.79	2.00	0.00	4.61	0.01	0.00
10.80	2.00	0.00	4.60	0.01	0.00	10.81	2.00	0.00	4.59	0.01	0.00
10.82	2.00	0.00	4.59	0.01	0.00	10.83	2.00	0.00	4.58	0.01	0.00
10.84	2.00	0.00	4.58	0.01	0.00	10.85	2.00	0.00	4.58	0.01	0.00
10.86	2.00	0.00	4.57	0.01	0.00	10.87	2.00	0.00	4.57	0.01	0.00
10.88	2.00	0.00	4.56	0.01	0.00	10.89	2.00	0.00	4.55	0.01	0.00
10.90	2.00	0.00	4.55	0.01	0.00	10.91	2.00	0.00	4.54	0.01	0.00
10.92	2.00	0.00	4.54	0.01	0.00	10.93	2.00	0.00	4.54	0.01	0.00
10.94	2.00	0.00	4.53	0.01	0.00	10.95	2.00	0.00	4.53	0.01	0.00
10.96	2.00	0.00	4.52	0.01	0.00	10.97	2.00	0.00	4.51	0.01	0.00
10.98	2.00	0.00	4.51	0.01	0.00	10.99	2.00	0.00	4.50	0.01	0.00
11.00	2.00	0.00	4.50	0.01	0.00	11.01	2.00	0.00	4.50	0.01	0.00
11.02	2.00	0.00	4.49	0.01	0.00	11.03	2.00	0.00	4.49	0.01	0.00
11.04	2.00	0.00	4.48	0.01	0.00	11.05	2.00	0.00	4.47	0.01	0.00
11.06	2.00	0.00	4.47	0.01	0.00	11.07	2.00	0.00	4.46	0.01	0.00
11.08	2.00	0.00	4.46	0.01	0.00	11.09	2.00	0.00	4.46	0.01	0.00
11.10	2.00	0.00	4.45	0.01	0.00	11.11	2.00	0.00	4.45	0.01	0.00
11.12	2.00	0.00	4.44	0.01	0.00	11.13	2.00	0.00	4.43	0.01	0.00
11.14	2.00	0.00	4.43	0.01	0.00	11.15	2.00	0.00	4.42	0.01	0.00
11.16	2.00	0.00	4.42	0.01	0.00	11.17	2.00	0.00	4.42	0.01	0.00
11.18	2.00	0.00	4.41	0.01	0.00	11.19	2.00	0.00	4.41	0.01	0.00
11.20	2.00	0.00	4.40	0.01	0.00	11.21	2.00	0.00	4.39	0.01	0.00
11.22	2.00	0.00	4.39	0.01	0.00	11.23	2.00	0.00	4.38	0.01	0.00
11.24	2.00	0.00	4.38	0.01	0.00	11.25	2.00	0.00	4.38	0.01	0.00
11.26	2.00	0.00	4.37	0.01	0.00	11.27	2.00	0.00	4.37	0.01	0.00
11.28	2.00	0.00	4.36	0.01	0.00	11.29	2.00	0.00	4.36	0.01	0.00
11.30	2.00	0.00	4.35	0.01	0.00	11.31	2.00	0.00	4.34	0.01	0.00
11.32	0.42	0.58	4.34	0.01	0.03	11.33	0.42	0.58	4.33	0.01	0.03
11.34	0.42	0.58	4.33	0.01	0.03	11.35	0.42	0.58	4.33	0.01	0.03
11.36	0.42	0.58	4.32	0.01	0.02	11.37	0.42	0.58	4.32	0.01	0.02
11.38	0.42	0.58	4.31	0.01	0.02	11.39	0.42	0.58	4.30	0.01	0.02
11.40	0.42	0.58	4.30	0.01	0.02	11.41	0.42	0.58	4.29	0.01	0.02
11.42	0.42	0.58	4.29	0.01	0.02	11.43	0.43	0.57	4.29	0.01	0.02
11.44	0.43	0.57	4.28	0.01	0.02	11.45	0.43	0.57	4.28	0.01	0.02
11.46	0.43	0.57	4.27	0.01	0.02	11.47	0.43	0.57	4.26	0.01	0.02
11.48	0.44	0.56	4.26	0.01	0.02	11.49	0.45	0.55	4.25	0.01	0.02
11.50	2.00	0.00	4.25	0.01	0.00	11.51	2.00	0.00	4.25	0.01	0.00
11.52	2.00	0.00	4.24	0.01	0.00	11.53	2.00	0.00	4.24	0.01	0.00
11.54	2.00	0.00	4.23	0.01	0.00	11.55	2.00	0.00	4.22	0.01	0.00
11.56	2.00	0.00	4.22	0.01	0.00	11.57	2.00	0.00	4.21	0.01	0.00
11.58	2.00	0.00	4.21	0.01	0.00	11.59	2.00	0.00	4.21	0.01	0.00
11.60	2.00	0.00	4.20	0.01	0.00	11.61	0.53	0.47	4.20	0.01	0.02
11.62	0.53	0.47	4.19	0.01	0.02	11.63	0.53	0.47	4.18	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
11.64	0.53	0.47	4.18	0.01	0.02	11.65	0.53	0.47	4.17	0.01	0.02
11.66	2.00	0.00	4.17	0.01	0.00	11.67	2.00	0.00	4.17	0.01	0.00
11.68	2.00	0.00	4.16	0.01	0.00	11.69	2.00	0.00	4.16	0.01	0.00
11.70	2.00	0.00	4.15	0.01	0.00	11.71	2.00	0.00	4.14	0.01	0.00
11.72	2.00	0.00	4.14	0.01	0.00	11.73	2.00	0.00	4.13	0.01	0.00
11.74	2.00	0.00	4.13	0.01	0.00	11.75	2.00	0.00	4.13	0.01	0.00
11.76	2.00	0.00	4.12	0.01	0.00	11.77	2.00	0.00	4.12	0.01	0.00
11.78	2.00	0.00	4.11	0.01	0.00	11.79	2.00	0.00	4.11	0.01	0.00
11.80	2.00	0.00	4.10	0.01	0.00	11.81	2.00	0.00	4.09	0.01	0.00
11.82	2.00	0.00	4.09	0.01	0.00	11.83	2.00	0.00	4.08	0.01	0.00
11.84	2.00	0.00	4.08	0.01	0.00	11.85	2.00	0.00	4.08	0.01	0.00
11.86	2.00	0.00	4.07	0.01	0.00	11.87	2.00	0.00	4.07	0.01	0.00
11.88	2.00	0.00	4.06	0.01	0.00	11.89	2.00	0.00	4.05	0.01	0.00
11.90	2.00	0.00	4.05	0.01	0.00	11.91	0.49	0.51	4.04	0.01	0.02
11.92	0.49	0.51	4.04	0.01	0.02	11.93	0.50	0.50	4.04	0.01	0.02
11.94	0.52	0.48	4.03	0.01	0.02	11.95	0.55	0.45	4.03	0.01	0.02
11.96	0.58	0.42	4.02	0.01	0.02	11.97	0.61	0.39	4.01	0.01	0.02
11.98	0.63	0.37	4.01	0.01	0.01	11.99	2.00	0.00	4.00	0.01	0.00
12.00	2.00	0.00	4.00	0.01	0.00	12.01	2.00	0.00	4.00	0.01	0.00
12.02	2.00	0.00	3.99	0.01	0.00	12.03	2.00	0.00	3.98	0.01	0.00
12.04	2.00	0.00	3.98	0.01	0.00	12.05	2.00	0.00	3.98	0.01	0.00
12.06	2.00	0.00	3.97	0.01	0.00	12.07	2.00	0.00	3.96	0.01	0.00
12.08	2.00	0.00	3.96	0.01	0.00	12.09	2.00	0.00	3.96	0.01	0.00
12.10	2.00	0.00	3.95	0.01	0.00	12.11	2.00	0.00	3.94	0.01	0.00
12.12	2.00	0.00	3.94	0.01	0.00	12.13	2.00	0.00	3.94	0.01	0.00
12.14	2.00	0.00	3.93	0.01	0.00	12.15	2.00	0.00	3.92	0.01	0.00
12.16	2.00	0.00	3.92	0.01	0.00	12.17	2.00	0.00	3.92	0.01	0.00
12.18	2.00	0.00	3.91	0.01	0.00	12.19	2.00	0.00	3.90	0.01	0.00
12.20	2.00	0.00	3.90	0.01	0.00	12.21	2.00	0.00	3.90	0.01	0.00
12.22	2.00	0.00	3.89	0.01	0.00	12.23	2.00	0.00	3.88	0.01	0.00
12.24	2.00	0.00	3.88	0.01	0.00	12.25	2.00	0.00	3.88	0.01	0.00
12.26	2.00	0.00	3.87	0.01	0.00	12.27	2.00	0.00	3.87	0.01	0.00
12.28	0.44	0.56	3.86	0.01	0.02	12.29	0.45	0.55	3.85	0.01	0.02
12.30	0.46	0.54	3.85	0.01	0.02	12.31	0.46	0.54	3.85	0.01	0.02
12.32	0.48	0.52	3.84	0.01	0.02	12.33	0.51	0.49	3.83	0.01	0.02
12.34	0.53	0.47	3.83	0.01	0.02	12.35	0.55	0.45	3.83	0.01	0.02
12.36	0.56	0.44	3.82	0.01	0.02	12.37	0.56	0.44	3.81	0.01	0.02
12.38	0.56	0.44	3.81	0.01	0.02	12.39	0.56	0.44	3.81	0.01	0.02
12.40	0.56	0.44	3.80	0.01	0.02	12.41	0.55	0.45	3.79	0.01	0.02
12.42	0.54	0.46	3.79	0.01	0.02	12.43	0.53	0.47	3.79	0.01	0.02
12.44	0.54	0.46	3.78	0.01	0.02	12.45	0.54	0.46	3.77	0.01	0.02
12.46	0.55	0.45	3.77	0.01	0.02	12.47	0.56	0.44	3.77	0.01	0.02
12.48	0.56	0.44	3.76	0.01	0.02	12.49	0.55	0.45	3.75	0.01	0.02
12.50	0.54	0.46	3.75	0.01	0.02	12.51	0.53	0.47	3.75	0.01	0.02
12.52	0.53	0.47	3.74	0.01	0.02	12.53	0.54	0.46	3.73	0.01	0.02
12.54	0.54	0.46	3.73	0.01	0.02	12.55	0.53	0.47	3.73	0.01	0.02
12.56	0.52	0.48	3.72	0.01	0.02	12.57	0.51	0.49	3.71	0.01	0.02
12.58	0.50	0.50	3.71	0.01	0.02	12.59	0.50	0.50	3.71	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
12.60	0.44	0.56	3.70	0.01	0.02	12.61	0.46	0.54	3.69	0.01	0.02
12.62	0.48	0.52	3.69	0.01	0.02	12.63	0.59	0.41	3.69	0.01	0.02
12.64	0.62	0.38	3.68	0.01	0.01	12.65	0.64	0.36	3.67	0.01	0.01
12.66	0.66	0.34	3.67	0.01	0.01	12.67	0.67	0.33	3.67	0.01	0.01
12.68	0.67	0.33	3.66	0.01	0.01	12.69	0.65	0.35	3.65	0.01	0.01
12.70	0.55	0.45	3.65	0.01	0.02	12.71	0.53	0.47	3.65	0.01	0.02
12.72	0.52	0.48	3.64	0.01	0.02	12.73	0.50	0.50	3.63	0.01	0.02
12.74	0.50	0.50	3.63	0.01	0.02	12.75	0.50	0.50	3.63	0.01	0.02
12.76	0.49	0.51	3.62	0.01	0.02	12.77	0.49	0.51	3.62	0.01	0.02
12.78	0.49	0.51	3.61	0.01	0.02	12.79	0.49	0.51	3.60	0.01	0.02
12.80	0.49	0.51	3.60	0.01	0.02	12.81	0.50	0.50	3.60	0.01	0.02
12.82	0.50	0.50	3.59	0.01	0.02	12.83	0.50	0.50	3.58	0.01	0.02
12.84	0.49	0.51	3.58	0.01	0.02	12.85	0.49	0.51	3.58	0.01	0.02
12.86	0.48	0.52	3.57	0.01	0.02	12.87	0.48	0.52	3.56	0.01	0.02
12.88	0.48	0.52	3.56	0.01	0.02	12.89	0.48	0.52	3.56	0.01	0.02
12.90	0.49	0.51	3.55	0.01	0.02	12.91	0.50	0.50	3.54	0.01	0.02
12.92	0.50	0.50	3.54	0.01	0.02	12.93	0.51	0.49	3.54	0.01	0.02
12.94	0.51	0.49	3.53	0.01	0.02	12.95	0.51	0.49	3.52	0.01	0.02
12.96	0.51	0.49	3.52	0.01	0.02	12.97	0.51	0.49	3.52	0.01	0.02
12.98	0.51	0.49	3.51	0.01	0.02	12.99	0.51	0.49	3.50	0.01	0.02
13.00	0.51	0.49	3.50	0.01	0.02	13.01	0.51	0.49	3.50	0.01	0.02
13.02	0.51	0.49	3.49	0.01	0.02	13.03	0.51	0.49	3.48	0.01	0.02
13.04	0.52	0.48	3.48	0.01	0.02	13.05	0.52	0.48	3.48	0.01	0.02
13.06	0.52	0.48	3.47	0.01	0.02	13.07	0.52	0.48	3.46	0.01	0.02
13.08	0.52	0.48	3.46	0.01	0.02	13.09	0.52	0.48	3.46	0.01	0.02
13.10	0.52	0.48	3.45	0.01	0.02	13.11	0.51	0.49	3.44	0.01	0.02
13.12	0.51	0.49	3.44	0.01	0.02	13.13	0.50	0.50	3.44	0.01	0.02
13.14	0.50	0.50	3.43	0.01	0.02	13.15	0.49	0.51	3.42	0.01	0.02
13.16	0.48	0.52	3.42	0.01	0.02	13.17	0.47	0.53	3.42	0.01	0.02
13.18	0.47	0.53	3.41	0.01	0.02	13.19	0.46	0.54	3.40	0.01	0.02
13.20	0.46	0.54	3.40	0.01	0.02	13.21	0.46	0.54	3.40	0.01	0.02
13.22	0.46	0.54	3.39	0.01	0.02	13.23	0.53	0.47	3.38	0.01	0.02
13.24	0.53	0.47	3.38	0.01	0.02	13.25	0.52	0.48	3.38	0.01	0.02
13.26	0.52	0.48	3.37	0.01	0.02	13.27	0.51	0.49	3.37	0.01	0.02
13.28	0.50	0.50	3.36	0.01	0.02	13.29	0.49	0.51	3.35	0.01	0.02
13.30	0.48	0.52	3.35	0.01	0.02	13.31	0.47	0.53	3.35	0.01	0.02
13.32	0.47	0.53	3.34	0.01	0.02	13.33	0.46	0.54	3.33	0.01	0.02
13.34	0.46	0.54	3.33	0.01	0.02	13.35	0.46	0.54	3.33	0.01	0.02
13.36	0.46	0.54	3.32	0.01	0.02	13.37	0.46	0.54	3.31	0.01	0.02
13.38	0.46	0.54	3.31	0.01	0.02	13.39	0.46	0.54	3.31	0.01	0.02
13.40	0.46	0.54	3.30	0.01	0.02	13.41	0.46	0.54	3.29	0.01	0.02
13.42	0.46	0.54	3.29	0.01	0.02	13.43	0.45	0.55	3.29	0.01	0.02
13.44	0.45	0.55	3.28	0.01	0.02	13.45	0.44	0.56	3.27	0.01	0.02
13.46	0.38	0.62	3.27	0.01	0.02	13.47	0.38	0.62	3.27	0.01	0.02
13.48	0.38	0.62	3.26	0.01	0.02	13.49	0.38	0.62	3.25	0.01	0.02
13.50	0.38	0.62	3.25	0.01	0.02	13.51	0.39	0.61	3.25	0.01	0.02
13.52	0.39	0.61	3.24	0.01	0.02	13.53	0.39	0.61	3.23	0.01	0.02
13.54	0.39	0.61	3.23	0.01	0.02	13.55	0.39	0.61	3.23	0.01	0.02

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
13.56	0.39	0.61	3.22	0.01	0.02	13.57	0.39	0.61	3.21	0.01	0.02
13.58	0.39	0.61	3.21	0.01	0.02	13.59	0.39	0.61	3.21	0.01	0.02
13.60	0.39	0.61	3.20	0.01	0.02	13.61	0.40	0.60	3.19	0.01	0.02
13.62	0.40	0.60	3.19	0.01	0.02	13.63	0.40	0.60	3.19	0.01	0.02
13.64	0.40	0.60	3.18	0.01	0.02	13.65	0.40	0.60	3.17	0.01	0.02
13.66	0.40	0.60	3.17	0.01	0.02	13.67	0.41	0.59	3.17	0.01	0.02
13.68	0.41	0.59	3.16	0.01	0.02	13.69	0.41	0.59	3.15	0.01	0.02
13.70	0.42	0.58	3.15	0.01	0.02	13.71	0.42	0.58	3.15	0.01	0.02
13.72	0.43	0.57	3.14	0.01	0.02	13.73	0.43	0.57	3.13	0.01	0.02
13.74	0.43	0.57	3.13	0.01	0.02	13.75	0.42	0.58	3.13	0.01	0.02
13.76	0.42	0.58	3.12	0.01	0.02	13.77	0.42	0.58	3.12	0.01	0.02
13.78	0.42	0.58	3.11	0.01	0.02	13.79	0.41	0.59	3.10	0.01	0.02
13.80	0.41	0.59	3.10	0.01	0.02	13.81	0.41	0.59	3.10	0.01	0.02
13.82	0.42	0.58	3.09	0.01	0.02	13.83	0.42	0.58	3.08	0.01	0.02
13.84	0.42	0.58	3.08	0.01	0.02	13.85	0.42	0.58	3.08	0.01	0.02
13.86	0.43	0.57	3.07	0.01	0.02	13.87	0.43	0.57	3.06	0.01	0.02
13.88	0.44	0.56	3.06	0.01	0.02	13.89	0.45	0.55	3.06	0.01	0.02
13.90	0.46	0.54	3.05	0.01	0.02	13.91	0.47	0.53	3.04	0.01	0.02
13.92	0.48	0.52	3.04	0.01	0.02	13.93	0.49	0.51	3.04	0.01	0.02
13.94	0.49	0.51	3.03	0.01	0.02	13.95	0.49	0.51	3.02	0.01	0.02
13.96	0.49	0.51	3.02	0.01	0.02	13.97	0.49	0.51	3.02	0.01	0.02
13.98	0.49	0.51	3.01	0.01	0.02	13.99	0.49	0.51	3.00	0.01	0.02
14.00	0.49	0.51	3.00	0.01	0.02	14.01	0.50	0.50	3.00	0.01	0.02
14.02	0.50	0.50	2.99	0.01	0.01	14.03	0.51	0.49	2.98	0.01	0.01
14.04	0.51	0.49	2.98	0.01	0.01	14.05	0.51	0.49	2.98	0.01	0.01
14.06	0.50	0.50	2.97	0.01	0.01	14.07	0.50	0.50	2.96	0.01	0.01
14.08	0.49	0.51	2.96	0.01	0.02	14.09	0.48	0.52	2.96	0.01	0.02
14.10	0.47	0.53	2.95	0.01	0.02	14.11	0.53	0.47	2.94	0.01	0.01
14.12	0.53	0.47	2.94	0.01	0.01	14.13	0.52	0.48	2.94	0.01	0.01
14.14	0.52	0.48	2.93	0.01	0.01	14.15	0.52	0.48	2.92	0.01	0.01
14.16	0.53	0.47	2.92	0.01	0.01	14.17	0.53	0.47	2.92	0.01	0.01
14.18	0.53	0.47	2.91	0.01	0.01	14.19	0.53	0.47	2.90	0.01	0.01
14.20	0.53	0.47	2.90	0.01	0.01	14.21	0.53	0.47	2.90	0.01	0.01
14.22	0.54	0.46	2.89	0.01	0.01	14.23	0.54	0.46	2.88	0.01	0.01
14.24	0.54	0.46	2.88	0.01	0.01	14.25	0.54	0.46	2.88	0.01	0.01
14.26	0.48	0.52	2.87	0.01	0.02	14.27	0.48	0.52	2.87	0.01	0.01
14.28	0.49	0.51	2.86	0.01	0.01	14.29	0.49	0.51	2.85	0.01	0.01
14.30	0.50	0.50	2.85	0.01	0.01	14.31	0.50	0.50	2.85	0.01	0.01
14.32	0.50	0.50	2.84	0.01	0.01	14.33	0.49	0.51	2.83	0.01	0.01
14.34	0.49	0.51	2.83	0.01	0.01	14.35	0.49	0.51	2.83	0.01	0.01
14.36	0.48	0.52	2.82	0.01	0.01	14.37	0.48	0.52	2.81	0.01	0.01
14.38	0.48	0.52	2.81	0.01	0.01	14.39	0.48	0.52	2.81	0.01	0.01
14.40	0.48	0.52	2.80	0.01	0.01	14.41	0.49	0.51	2.79	0.01	0.01
14.42	0.49	0.51	2.79	0.01	0.01	14.43	0.49	0.51	2.79	0.01	0.01
14.44	0.49	0.51	2.78	0.01	0.01	14.45	0.48	0.52	2.77	0.01	0.01
14.46	0.48	0.52	2.77	0.01	0.01	14.47	0.48	0.52	2.77	0.01	0.01
14.48	0.47	0.53	2.76	0.01	0.01	14.49	0.47	0.53	2.75	0.01	0.01
14.50	0.46	0.54	2.75	0.01	0.01	14.51	0.46	0.54	2.75	0.01	0.01

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
14.52	0.45	0.55	2.74	0.01	0.02	14.53	0.51	0.49	2.73	0.01	0.01
14.54	0.51	0.49	2.73	0.01	0.01	14.55	0.50	0.50	2.73	0.01	0.01
14.56	0.50	0.50	2.72	0.01	0.01	14.57	0.49	0.51	2.71	0.01	0.01
14.58	0.49	0.51	2.71	0.01	0.01	14.59	0.48	0.52	2.71	0.01	0.01
14.60	0.48	0.52	2.70	0.01	0.01	14.61	0.48	0.52	2.69	0.01	0.01
14.62	0.48	0.52	2.69	0.01	0.01	14.63	0.48	0.52	2.69	0.01	0.01
14.64	0.48	0.52	2.68	0.01	0.01	14.65	0.48	0.52	2.67	0.01	0.01
14.66	0.49	0.51	2.67	0.01	0.01	14.67	0.49	0.51	2.67	0.01	0.01
14.68	0.50	0.50	2.66	0.01	0.01	14.69	0.51	0.49	2.65	0.01	0.01
14.70	0.51	0.49	2.65	0.01	0.01	14.71	0.51	0.49	2.65	0.01	0.01
14.72	0.51	0.49	2.64	0.01	0.01	14.73	0.51	0.49	2.63	0.01	0.01
14.74	0.45	0.55	2.63	0.01	0.01	14.75	0.46	0.54	2.63	0.01	0.01
14.76	0.48	0.52	2.62	0.01	0.01	14.77	0.50	0.50	2.62	0.01	0.01
14.78	0.52	0.48	2.61	0.01	0.01	14.79	0.55	0.45	2.60	0.01	0.01
14.80	0.57	0.43	2.60	0.01	0.01	14.81	0.59	0.41	2.60	0.01	0.01
14.82	0.60	0.40	2.59	0.01	0.01	14.83	0.60	0.40	2.58	0.01	0.01
14.84	0.60	0.40	2.58	0.01	0.01	14.85	0.59	0.41	2.58	0.01	0.01
14.86	0.58	0.42	2.57	0.01	0.01	14.87	0.57	0.43	2.56	0.01	0.01
14.88	0.57	0.43	2.56	0.01	0.01	14.89	0.56	0.44	2.56	0.01	0.01
14.90	0.55	0.45	2.55	0.01	0.01	14.91	0.55	0.45	2.54	0.01	0.01
14.92	0.54	0.46	2.54	0.01	0.01	14.93	0.54	0.46	2.54	0.01	0.01
14.94	0.54	0.46	2.53	0.01	0.01	14.95	0.55	0.45	2.52	0.01	0.01
14.96	0.56	0.44	2.52	0.01	0.01	14.97	0.57	0.43	2.52	0.01	0.01
14.98	0.60	0.40	2.51	0.01	0.01	14.99	0.63	0.37	2.50	0.01	0.01
15.00	0.67	0.33	2.50	0.01	0.01	15.01	2.00	0.00	2.50	0.01	0.00
15.02	2.00	0.00	2.49	0.01	0.00	15.03	2.00	0.00	2.48	0.01	0.00
15.04	2.00	0.00	2.48	0.01	0.00	15.05	2.00	0.00	2.48	0.01	0.00
15.06	2.00	0.00	2.47	0.01	0.00	15.07	2.00	0.00	2.46	0.01	0.00
15.08	2.00	0.00	2.46	0.01	0.00	15.09	2.00	0.00	2.46	0.01	0.00
15.10	2.00	0.00	2.45	0.01	0.00	15.11	2.00	0.00	2.44	0.01	0.00
15.12	2.00	0.00	2.44	0.01	0.00	15.13	2.00	0.00	2.44	0.01	0.00
15.14	2.00	0.00	2.43	0.01	0.00	15.15	2.00	0.00	2.42	0.01	0.00
15.16	2.00	0.00	2.42	0.01	0.00	15.17	2.00	0.00	2.42	0.01	0.00
15.18	2.00	0.00	2.41	0.01	0.00	15.19	2.00	0.00	2.40	0.01	0.00
15.20	2.00	0.00	2.40	0.01	0.00	15.21	2.00	0.00	2.40	0.01	0.00
15.22	2.00	0.00	2.39	0.01	0.00	15.23	2.00	0.00	2.38	0.01	0.00
15.24	2.00	0.00	2.38	0.01	0.00	15.25	2.00	0.00	2.38	0.01	0.00
15.26	2.00	0.00	2.37	0.01	0.00	15.27	2.00	0.00	2.37	0.01	0.00
15.28	2.00	0.00	2.36	0.01	0.00	15.29	2.00	0.00	2.35	0.01	0.00
15.30	2.00	0.00	2.35	0.01	0.00	15.31	2.00	0.00	2.35	0.01	0.00
15.32	2.00	0.00	2.34	0.01	0.00	15.33	2.00	0.00	2.33	0.01	0.00
15.34	2.00	0.00	2.33	0.01	0.00	15.35	2.00	0.00	2.33	0.01	0.00
15.36	2.00	0.00	2.32	0.01	0.00	15.37	2.00	0.00	2.31	0.01	0.00
15.38	2.00	0.00	2.31	0.01	0.00	15.39	2.00	0.00	2.31	0.01	0.00
15.40	2.00	0.00	2.30	0.01	0.00	15.41	2.00	0.00	2.29	0.01	0.00
15.42	2.00	0.00	2.29	0.01	0.00	15.43	2.00	0.00	2.29	0.01	0.00
15.44	2.00	0.00	2.28	0.01	0.00	15.45	2.00	0.00	2.27	0.01	0.00
15.46	2.00	0.00	2.27	0.01	0.00	15.47	2.00	0.00	2.27	0.01	0.00



:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
15.48	2.00	0.00	2.26	0.01	0.00	15.49	2.00	0.00	2.25	0.01	0.00
15.50	2.00	0.00	2.25	0.01	0.00	15.51	2.00	0.00	2.25	0.01	0.00
15.52	2.00	0.00	2.24	0.01	0.00	15.53	2.00	0.00	2.23	0.01	0.00
15.54	2.00	0.00	2.23	0.01	0.00	15.55	2.00	0.00	2.23	0.01	0.00
15.56	2.00	0.00	2.22	0.01	0.00	15.57	2.00	0.00	2.21	0.01	0.00
15.58	2.00	0.00	2.21	0.01	0.00	15.59	2.00	0.00	2.21	0.01	0.00
15.60	2.00	0.00	2.20	0.01	0.00	15.61	2.00	0.00	2.19	0.01	0.00
15.62	2.00	0.00	2.19	0.01	0.00	15.63	2.00	0.00	2.19	0.01	0.00
15.64	2.00	0.00	2.18	0.01	0.00	15.65	2.00	0.00	2.17	0.01	0.00
15.66	2.00	0.00	2.17	0.01	0.00	15.67	2.00	0.00	2.17	0.01	0.00
15.68	2.00	0.00	2.16	0.01	0.00	15.69	2.00	0.00	2.15	0.01	0.00
15.70	2.00	0.00	2.15	0.01	0.00	15.71	2.00	0.00	2.15	0.01	0.00
15.72	2.00	0.00	2.14	0.01	0.00	15.73	2.00	0.00	2.13	0.01	0.00
15.74	2.00	0.00	2.13	0.01	0.00	15.75	2.00	0.00	2.13	0.01	0.00
15.76	2.00	0.00	2.12	0.01	0.00	15.77	2.00	0.00	2.12	0.01	0.00
15.78	2.00	0.00	2.11	0.01	0.00	15.79	2.00	0.00	2.10	0.01	0.00
15.80	2.00	0.00	2.10	0.01	0.00	15.81	2.00	0.00	2.10	0.01	0.00
15.82	2.00	0.00	2.09	0.01	0.00	15.83	2.00	0.00	2.08	0.01	0.00
15.84	2.00	0.00	2.08	0.01	0.00	15.85	2.00	0.00	2.08	0.01	0.00
15.86	2.00	0.00	2.07	0.01	0.00	15.87	2.00	0.00	2.06	0.01	0.00
15.88	2.00	0.00	2.06	0.01	0.00	15.89	2.00	0.00	2.06	0.01	0.00
15.90	2.00	0.00	2.05	0.01	0.00	15.91	2.00	0.00	2.04	0.01	0.00
15.92	2.00	0.00	2.04	0.01	0.00	15.93	2.00	0.00	2.04	0.01	0.00
15.94	2.00	0.00	2.03	0.01	0.00	15.95	2.00	0.00	2.02	0.01	0.00
15.96	2.00	0.00	2.02	0.01	0.00	15.97	2.00	0.00	2.02	0.01	0.00
15.98	2.00	0.00	2.01	0.01	0.00	15.99	2.00	0.00	2.00	0.01	0.00
16.00	2.00	0.00	2.00	0.01	0.00	16.01	2.00	0.00	2.00	0.01	0.00
16.02	2.00	0.00	1.99	0.01	0.00	16.03	2.00	0.00	1.99	0.01	0.00
16.04	2.00	0.00	1.98	0.01	0.00	16.05	2.00	0.00	1.98	0.01	0.00
16.06	2.00	0.00	1.97	0.01	0.00	16.07	2.00	0.00	1.97	0.01	0.00
16.08	2.00	0.00	1.96	0.01	0.00	16.09	2.00	0.00	1.96	0.01	0.00
16.10	2.00	0.00	1.95	0.01	0.00	16.11	2.00	0.00	1.95	0.01	0.00
16.12	2.00	0.00	1.94	0.01	0.00	16.13	2.00	0.00	1.94	0.01	0.00
16.14	2.00	0.00	1.93	0.01	0.00	16.15	2.00	0.00	1.93	0.01	0.00
16.16	2.00	0.00	1.92	0.01	0.00	16.17	2.00	0.00	1.92	0.01	0.00
16.18	2.00	0.00	1.91	0.01	0.00	16.19	2.00	0.00	1.91	0.01	0.00
16.20	2.00	0.00	1.90	0.01	0.00	16.21	2.00	0.00	1.90	0.01	0.00
16.22	2.00	0.00	1.89	0.01	0.00	16.23	2.00	0.00	1.89	0.01	0.00
16.24	2.00	0.00	1.88	0.01	0.00	16.25	2.00	0.00	1.88	0.01	0.00
16.26	2.00	0.00	1.87	0.01	0.00	16.27	2.00	0.00	1.86	0.01	0.00
16.28	2.00	0.00	1.86	0.01	0.00	16.29	2.00	0.00	1.85	0.01	0.00
16.30	2.00	0.00	1.85	0.01	0.00	16.31	2.00	0.00	1.84	0.01	0.00
16.32	2.00	0.00	1.84	0.01	0.00	16.33	2.00	0.00	1.83	0.01	0.00
16.34	2.00	0.00	1.83	0.01	0.00	16.35	2.00	0.00	1.82	0.01	0.00
16.36	2.00	0.00	1.82	0.01	0.00	16.37	2.00	0.00	1.81	0.01	0.00
16.38	2.00	0.00	1.81	0.01	0.00	16.39	2.00	0.00	1.80	0.01	0.00
16.40	2.00	0.00	1.80	0.01	0.00	16.41	2.00	0.00	1.79	0.01	0.00
16.42	2.00	0.00	1.79	0.01	0.00	16.43	2.00	0.00	1.78	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
16.44	2.00	0.00	1.78	0.01	0.00	16.45	2.00	0.00	1.77	0.01	0.00
16.46	2.00	0.00	1.77	0.01	0.00	16.47	2.00	0.00	1.76	0.01	0.00
16.48	2.00	0.00	1.76	0.01	0.00	16.49	2.00	0.00	1.75	0.01	0.00
16.50	2.00	0.00	1.75	0.01	0.00	16.51	2.00	0.00	1.75	0.01	0.00
16.52	2.00	0.00	1.74	0.01	0.00	16.53	2.00	0.00	1.74	0.01	0.00
16.54	2.00	0.00	1.73	0.01	0.00	16.55	2.00	0.00	1.73	0.01	0.00
16.56	2.00	0.00	1.72	0.01	0.00	16.57	2.00	0.00	1.72	0.01	0.00
16.58	2.00	0.00	1.71	0.01	0.00	16.59	2.00	0.00	1.71	0.01	0.00
16.60	2.00	0.00	1.70	0.01	0.00	16.61	2.00	0.00	1.70	0.01	0.00
16.62	2.00	0.00	1.69	0.01	0.00	16.63	2.00	0.00	1.69	0.01	0.00
16.64	2.00	0.00	1.68	0.01	0.00	16.65	2.00	0.00	1.68	0.01	0.00
16.66	2.00	0.00	1.67	0.01	0.00	16.67	2.00	0.00	1.67	0.01	0.00
16.68	2.00	0.00	1.66	0.01	0.00	16.69	2.00	0.00	1.66	0.01	0.00
16.70	2.00	0.00	1.65	0.01	0.00	16.71	2.00	0.00	1.65	0.01	0.00
16.72	2.00	0.00	1.64	0.01	0.00	16.73	2.00	0.00	1.64	0.01	0.00
16.74	2.00	0.00	1.63	0.01	0.00	16.75	2.00	0.00	1.63	0.01	0.00
16.76	2.00	0.00	1.62	0.01	0.00	16.77	2.00	0.00	1.61	0.01	0.00
16.78	2.00	0.00	1.61	0.01	0.00	16.79	2.00	0.00	1.60	0.01	0.00
16.80	2.00	0.00	1.60	0.01	0.00	16.81	2.00	0.00	1.59	0.01	0.00
16.82	2.00	0.00	1.59	0.01	0.00	16.83	2.00	0.00	1.58	0.01	0.00
16.84	2.00	0.00	1.58	0.01	0.00	16.85	2.00	0.00	1.57	0.01	0.00
16.86	2.00	0.00	1.57	0.01	0.00	16.87	2.00	0.00	1.56	0.01	0.00
16.88	2.00	0.00	1.56	0.01	0.00	16.89	2.00	0.00	1.55	0.01	0.00
16.90	2.00	0.00	1.55	0.01	0.00	16.91	2.00	0.00	1.54	0.01	0.00
16.92	2.00	0.00	1.54	0.01	0.00	16.93	2.00	0.00	1.53	0.01	0.00
16.94	2.00	0.00	1.53	0.01	0.00	16.95	2.00	0.00	1.52	0.01	0.00
16.96	2.00	0.00	1.52	0.01	0.00	16.97	2.00	0.00	1.51	0.01	0.00
16.98	2.00	0.00	1.51	0.01	0.00	16.99	2.00	0.00	1.50	0.01	0.00
17.00	2.00	0.00	1.50	0.01	0.00	17.01	2.00	0.00	1.50	0.01	0.00
17.02	2.00	0.00	1.49	0.01	0.00	17.03	2.00	0.00	1.49	0.01	0.00
17.04	2.00	0.00	1.48	0.01	0.00	17.05	2.00	0.00	1.48	0.01	0.00
17.06	2.00	0.00	1.47	0.01	0.00	17.07	2.00	0.00	1.47	0.01	0.00
17.08	2.00	0.00	1.46	0.01	0.00	17.09	2.00	0.00	1.46	0.01	0.00
17.10	2.00	0.00	1.45	0.01	0.00	17.11	2.00	0.00	1.45	0.01	0.00
17.12	2.00	0.00	1.44	0.01	0.00	17.13	2.00	0.00	1.44	0.01	0.00
17.14	2.00	0.00	1.43	0.01	0.00	17.15	2.00	0.00	1.43	0.01	0.00
17.16	2.00	0.00	1.42	0.01	0.00	17.17	2.00	0.00	1.42	0.01	0.00
17.18	2.00	0.00	1.41	0.01	0.00	17.19	2.00	0.00	1.41	0.01	0.00
17.20	2.00	0.00	1.40	0.01	0.00	17.21	2.00	0.00	1.40	0.01	0.00
17.22	2.00	0.00	1.39	0.01	0.00	17.23	2.00	0.00	1.39	0.01	0.00
17.24	2.00	0.00	1.38	0.01	0.00	17.25	2.00	0.00	1.38	0.01	0.00
17.26	2.00	0.00	1.37	0.01	0.00	17.27	2.00	0.00	1.36	0.01	0.00
17.28	2.00	0.00	1.36	0.01	0.00	17.29	2.00	0.00	1.35	0.01	0.00
17.30	2.00	0.00	1.35	0.01	0.00	17.31	2.00	0.00	1.34	0.01	0.00
17.32	2.00	0.00	1.34	0.01	0.00	17.33	2.00	0.00	1.33	0.01	0.00
17.34	2.00	0.00	1.33	0.01	0.00	17.35	2.00	0.00	1.32	0.01	0.00
17.36	2.00	0.00	1.32	0.01	0.00	17.37	2.00	0.00	1.31	0.01	0.00
17.38	2.00	0.00	1.31	0.01	0.00	17.39	2.00	0.00	1.30	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
17.40	2.00	0.00	1.30	0.01	0.00	17.41	2.00	0.00	1.29	0.01	0.00
17.42	2.00	0.00	1.29	0.01	0.00	17.43	2.00	0.00	1.28	0.01	0.00
17.44	2.00	0.00	1.28	0.01	0.00	17.45	2.00	0.00	1.27	0.01	0.00
17.46	2.00	0.00	1.27	0.01	0.00	17.47	2.00	0.00	1.26	0.01	0.00
17.48	2.00	0.00	1.26	0.01	0.00	17.49	2.00	0.00	1.25	0.01	0.00
17.50	2.00	0.00	1.25	0.01	0.00	17.51	2.00	0.00	1.25	0.01	0.00
17.52	2.00	0.00	1.24	0.01	0.00	17.53	2.00	0.00	1.24	0.01	0.00
17.54	2.00	0.00	1.23	0.01	0.00	17.55	2.00	0.00	1.23	0.01	0.00
17.56	2.00	0.00	1.22	0.01	0.00	17.57	2.00	0.00	1.22	0.01	0.00
17.58	2.00	0.00	1.21	0.01	0.00	17.59	2.00	0.00	1.21	0.01	0.00
17.60	2.00	0.00	1.20	0.01	0.00	17.61	2.00	0.00	1.20	0.01	0.00
17.62	2.00	0.00	1.19	0.01	0.00	17.63	2.00	0.00	1.19	0.01	0.00
17.64	2.00	0.00	1.18	0.01	0.00	17.65	2.00	0.00	1.18	0.01	0.00
17.66	2.00	0.00	1.17	0.01	0.00	17.67	2.00	0.00	1.17	0.01	0.00
17.68	2.00	0.00	1.16	0.01	0.00	17.69	2.00	0.00	1.16	0.01	0.00
17.70	2.00	0.00	1.15	0.01	0.00	17.71	2.00	0.00	1.15	0.01	0.00
17.72	2.00	0.00	1.14	0.01	0.00	17.73	2.00	0.00	1.14	0.01	0.00
17.74	2.00	0.00	1.13	0.01	0.00	17.75	2.00	0.00	1.13	0.01	0.00
17.76	2.00	0.00	1.12	0.01	0.00	17.77	2.00	0.00	1.11	0.01	0.00
17.78	2.00	0.00	1.11	0.01	0.00	17.79	2.00	0.00	1.10	0.01	0.00
17.80	2.00	0.00	1.10	0.01	0.00	17.81	2.00	0.00	1.09	0.01	0.00
17.82	2.00	0.00	1.09	0.01	0.00	17.83	2.00	0.00	1.08	0.01	0.00
17.84	2.00	0.00	1.08	0.01	0.00	17.85	2.00	0.00	1.07	0.01	0.00
17.86	2.00	0.00	1.07	0.01	0.00	17.87	2.00	0.00	1.06	0.01	0.00
17.88	2.00	0.00	1.06	0.01	0.00	17.89	2.00	0.00	1.05	0.01	0.00
17.90	2.00	0.00	1.05	0.01	0.00	17.91	2.00	0.00	1.04	0.01	0.00
17.92	2.00	0.00	1.04	0.01	0.00	17.93	2.00	0.00	1.03	0.01	0.00
17.94	2.00	0.00	1.03	0.01	0.00	17.95	2.00	0.00	1.02	0.01	0.00
17.96	2.00	0.00	1.02	0.01	0.00	17.97	2.00	0.00	1.01	0.01	0.00
17.98	2.00	0.00	1.01	0.01	0.00	17.99	2.00	0.00	1.00	0.01	0.00
18.00	2.00	0.00	1.00	0.01	0.00	18.01	2.00	0.00	0.99	0.01	0.00
18.02	2.00	0.00	0.99	0.01	0.00	18.03	2.00	0.00	0.98	0.01	0.00
18.04	2.00	0.00	0.98	0.01	0.00	18.05	2.00	0.00	0.97	0.01	0.00
18.06	2.00	0.00	0.97	0.01	0.00	18.07	2.00	0.00	0.96	0.01	0.00
18.08	2.00	0.00	0.96	0.01	0.00	18.09	2.00	0.00	0.95	0.01	0.00
18.10	2.00	0.00	0.95	0.01	0.00	18.11	2.00	0.00	0.94	0.01	0.00
18.12	2.00	0.00	0.94	0.01	0.00	18.13	2.00	0.00	0.94	0.01	0.00
18.14	2.00	0.00	0.93	0.01	0.00	18.15	2.00	0.00	0.93	0.01	0.00
18.16	2.00	0.00	0.92	0.01	0.00	18.17	2.00	0.00	0.91	0.01	0.00
18.18	2.00	0.00	0.91	0.01	0.00	18.19	2.00	0.00	0.90	0.01	0.00
18.20	2.00	0.00	0.90	0.01	0.00	18.21	2.00	0.00	0.90	0.01	0.00
18.22	2.00	0.00	0.89	0.01	0.00	18.23	2.00	0.00	0.89	0.01	0.00
18.24	2.00	0.00	0.88	0.01	0.00	18.25	2.00	0.00	0.88	0.01	0.00
18.26	2.00	0.00	0.87	0.01	0.00	18.27	2.00	0.00	0.86	0.01	0.00
18.28	2.00	0.00	0.86	0.01	0.00	18.29	2.00	0.00	0.85	0.01	0.00
18.30	2.00	0.00	0.85	0.01	0.00	18.31	2.00	0.00	0.85	0.01	0.00
18.32	2.00	0.00	0.84	0.01	0.00	18.33	2.00	0.00	0.84	0.01	0.00
18.34	2.00	0.00	0.83	0.01	0.00	18.35	2.00	0.00	0.82	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
18.36	2.00	0.00	0.82	0.01	0.00	18.37	2.00	0.00	0.81	0.01	0.00
18.38	2.00	0.00	0.81	0.01	0.00	18.39	2.00	0.00	0.81	0.01	0.00
18.40	2.00	0.00	0.80	0.01	0.00	18.41	2.00	0.00	0.80	0.01	0.00
18.42	2.00	0.00	0.79	0.01	0.00	18.43	2.00	0.00	0.79	0.01	0.00
18.44	2.00	0.00	0.78	0.01	0.00	18.45	2.00	0.00	0.78	0.01	0.00
18.46	2.00	0.00	0.77	0.01	0.00	18.47	2.00	0.00	0.77	0.01	0.00
18.48	2.00	0.00	0.76	0.01	0.00	18.49	2.00	0.00	0.76	0.01	0.00
18.50	2.00	0.00	0.75	0.01	0.00	18.51	2.00	0.00	0.74	0.01	0.00
18.52	2.00	0.00	0.74	0.01	0.00	18.53	2.00	0.00	0.73	0.01	0.00
18.54	2.00	0.00	0.73	0.01	0.00	18.55	2.00	0.00	0.72	0.01	0.00
18.56	2.00	0.00	0.72	0.01	0.00	18.57	2.00	0.00	0.71	0.01	0.00
18.58	2.00	0.00	0.71	0.01	0.00	18.59	2.00	0.00	0.70	0.01	0.00
18.60	2.00	0.00	0.70	0.01	0.00	18.61	2.00	0.00	0.69	0.01	0.00
18.62	2.00	0.00	0.69	0.01	0.00	18.63	2.00	0.00	0.69	0.01	0.00
18.64	2.00	0.00	0.68	0.01	0.00	18.65	2.00	0.00	0.68	0.01	0.00
18.66	2.00	0.00	0.67	0.01	0.00	18.67	2.00	0.00	0.66	0.01	0.00
18.68	2.00	0.00	0.66	0.01	0.00	18.69	2.00	0.00	0.65	0.01	0.00
18.70	2.00	0.00	0.65	0.01	0.00	18.71	2.00	0.00	0.65	0.01	0.00
18.72	2.00	0.00	0.64	0.01	0.00	18.73	2.00	0.00	0.64	0.01	0.00
18.74	2.00	0.00	0.63	0.01	0.00	18.75	2.00	0.00	0.63	0.01	0.00
18.76	2.00	0.00	0.62	0.01	0.00	18.77	2.00	0.00	0.61	0.01	0.00
18.78	2.00	0.00	0.61	0.01	0.00	18.79	2.00	0.00	0.60	0.01	0.00
18.80	2.00	0.00	0.60	0.01	0.00	18.81	2.00	0.00	0.60	0.01	0.00
18.82	2.00	0.00	0.59	0.01	0.00	18.83	2.00	0.00	0.59	0.01	0.00
18.84	2.00	0.00	0.58	0.01	0.00	18.85	2.00	0.00	0.57	0.01	0.00
18.86	2.00	0.00	0.57	0.01	0.00	18.87	2.00	0.00	0.56	0.01	0.00
18.88	2.00	0.00	0.56	0.01	0.00	18.89	2.00	0.00	0.56	0.01	0.00
18.90	2.00	0.00	0.55	0.01	0.00	18.91	2.00	0.00	0.55	0.01	0.00
18.92	2.00	0.00	0.54	0.01	0.00	18.93	2.00	0.00	0.54	0.01	0.00
18.94	2.00	0.00	0.53	0.01	0.00	18.95	2.00	0.00	0.53	0.01	0.00
18.96	2.00	0.00	0.52	0.01	0.00	18.97	2.00	0.00	0.52	0.01	0.00
18.98	2.00	0.00	0.51	0.01	0.00	18.99	2.00	0.00	0.51	0.01	0.00
19.00	2.00	0.00	0.50	0.01	0.00	19.01	2.00	0.00	0.49	0.01	0.00
19.02	2.00	0.00	0.49	0.01	0.00	19.03	2.00	0.00	0.48	0.01	0.00
19.04	2.00	0.00	0.48	0.01	0.00	19.05	2.00	0.00	0.47	0.01	0.00
19.06	2.00	0.00	0.47	0.01	0.00	19.07	2.00	0.00	0.47	0.01	0.00
19.08	2.00	0.00	0.46	0.01	0.00	19.09	2.00	0.00	0.46	0.01	0.00
19.10	2.00	0.00	0.45	0.01	0.00	19.11	2.00	0.00	0.45	0.01	0.00
19.12	2.00	0.00	0.44	0.01	0.00	19.13	2.00	0.00	0.43	0.01	0.00
19.14	2.00	0.00	0.43	0.01	0.00	19.15	2.00	0.00	0.43	0.01	0.00
19.16	2.00	0.00	0.42	0.01	0.00	19.17	2.00	0.00	0.41	0.01	0.00
19.18	2.00	0.00	0.41	0.01	0.00	19.19	2.00	0.00	0.40	0.01	0.00
19.20	2.00	0.00	0.40	0.01	0.00	19.21	2.00	0.00	0.40	0.01	0.00
19.22	2.00	0.00	0.39	0.01	0.00	19.23	2.00	0.00	0.39	0.01	0.00
19.24	2.00	0.00	0.38	0.01	0.00	19.25	2.00	0.00	0.38	0.01	0.00
19.26	2.00	0.00	0.37	0.01	0.00	19.27	2.00	0.00	0.36	0.01	0.00
19.28	2.00	0.00	0.36	0.01	0.00	19.29	2.00	0.00	0.35	0.01	0.00
19.30	2.00	0.00	0.35	0.01	0.00	19.31	2.00	0.00	0.35	0.01	0.00

:: Liquefaction Potential Index calculation data :: (continued)											
Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI	Depth (m)	FS	F <sub>L</sub>	w <sub>z</sub>	d <sub>z</sub>	LPI
19.32	2.00	0.00	0.34	0.01	0.00	19.33	2.00	0.00	0.34	0.01	0.00
19.34	2.00	0.00	0.33	0.01	0.00	19.35	2.00	0.00	0.32	0.01	0.00
19.36	2.00	0.00	0.32	0.01	0.00	19.37	2.00	0.00	0.32	0.01	0.00
19.38	2.00	0.00	0.31	0.01	0.00	19.39	2.00	0.00	0.30	0.01	0.00
19.40	2.00	0.00	0.30	0.01	0.00	19.41	2.00	0.00	0.29	0.01	0.00
19.42	2.00	0.00	0.29	0.01	0.00	19.43	2.00	0.00	0.28	0.01	0.00
19.44	2.00	0.00	0.28	0.01	0.00	19.45	2.00	0.00	0.28	0.01	0.00
19.46	2.00	0.00	0.27	0.01	0.00	19.47	2.00	0.00	0.27	0.01	0.00
19.48	2.00	0.00	0.26	0.01	0.00	19.49	2.00	0.00	0.26	0.01	0.00
19.50	2.00	0.00	0.25	0.01	0.00	19.51	2.00	0.00	0.24	0.01	0.00
19.52	2.00	0.00	0.24	0.01	0.00	19.53	2.00	0.00	0.23	0.01	0.00
19.54	2.00	0.00	0.23	0.01	0.00	19.55	2.00	0.00	0.23	0.01	0.00
19.56	2.00	0.00	0.22	0.01	0.00	19.57	2.00	0.00	0.21	0.01	0.00
19.58	2.00	0.00	0.21	0.01	0.00	19.59	2.00	0.00	0.20	0.01	0.00
19.60	2.00	0.00	0.20	0.01	0.00	19.61	2.00	0.00	0.20	0.01	0.00
19.62	2.00	0.00	0.19	0.01	0.00	19.63	2.00	0.00	0.18	0.01	0.00
19.64	2.00	0.00	0.18	0.01	0.00	19.65	2.00	0.00	0.18	0.01	0.00
19.66	2.00	0.00	0.17	0.01	0.00	19.67	2.00	0.00	0.16	0.01	0.00
19.68	2.00	0.00	0.16	0.01	0.00	19.69	2.00	0.00	0.15	0.01	0.00
19.70	2.00	0.00	0.15	0.01	0.00	19.71	2.00	0.00	0.14	0.01	0.00
19.72	2.00	0.00	0.14	0.01	0.00	19.73	2.00	0.00	0.14	0.01	0.00
19.74	2.00	0.00	0.13	0.01	0.00	19.75	2.00	0.00	0.13	0.01	0.00
19.76	2.00	0.00	0.12	0.01	0.00	19.77	2.00	0.00	0.12	0.01	0.00
19.78	2.00	0.00	0.11	0.01	0.00	19.79	2.00	0.00	0.10	0.01	0.00
19.80	2.00	0.00	0.10	0.01	0.00	19.81	2.00	0.00	0.10	0.01	0.00
19.82	2.00	0.00	0.09	0.01	0.00	19.83	2.00	0.00	0.09	0.01	0.00
19.84	2.00	0.00	0.08	0.01	0.00	19.85	2.00	0.00	0.07	0.01	0.00
19.86	2.00	0.00	0.07	0.01	0.00	19.87	2.00	0.00	0.06	0.01	0.00
19.88	2.00	0.00	0.06	0.01	0.00	19.89	2.00	0.00	0.05	0.01	0.00
19.90	2.00	0.00	0.05	0.01	0.00	19.91	2.00	0.00	0.04	0.01	0.00
19.92	2.00	0.00	0.04	0.01	0.00	19.93	2.00	0.00	0.04	0.01	0.00
19.94	2.00	0.00	0.03	0.01	0.00	19.95	2.00	0.00	0.03	0.01	0.00
19.96	2.00	0.00	0.02	0.01	0.00	19.97	2.00	0.00	0.02	0.01	0.00
19.98	2.00	0.00	0.01	0.01	0.00	19.99	2.00	0.00	0.01	0.01	0.00
20.00	2.00	0.00	0.00	0.01	0.00	20.01	2.00	0.00	0.00	0.00	0.00
20.02	2.00	0.00	0.00	0.00	0.00	20.03	2.00	0.00	0.00	0.00	0.00
20.04	2.00	0.00	0.00	0.00	0.00	20.05	2.00	0.00	0.00	0.00	0.00
20.06	2.00	0.00	0.00	0.00	0.00	20.07	2.00	0.00	0.00	0.00	0.00
20.08	2.00	0.00	0.00	0.00	0.00	20.09	2.00	0.00	0.00	0.00	0.00
20.10	2.00	0.00	0.00	0.00	0.00	20.11	2.00	0.00	0.00	0.00	0.00
20.12	2.00	0.00	0.00	0.00	0.00	20.13	2.00	0.00	0.00	0.00	0.00
20.14	2.00	0.00	0.00	0.00	0.00	20.15	2.00	0.00	0.00	0.00	0.00
20.16	2.00	0.00	0.00	0.00	0.00	20.17	2.00	0.00	0.00	0.00	0.00
20.18	2.00	0.00	0.00	0.00	0.00	20.19	2.00	0.00	0.00	0.00	0.00
20.20	2.00	0.00	0.00	0.00	0.00	20.21	2.00	0.00	0.00	0.00	0.00
20.22	2.00	0.00	0.00	0.00	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
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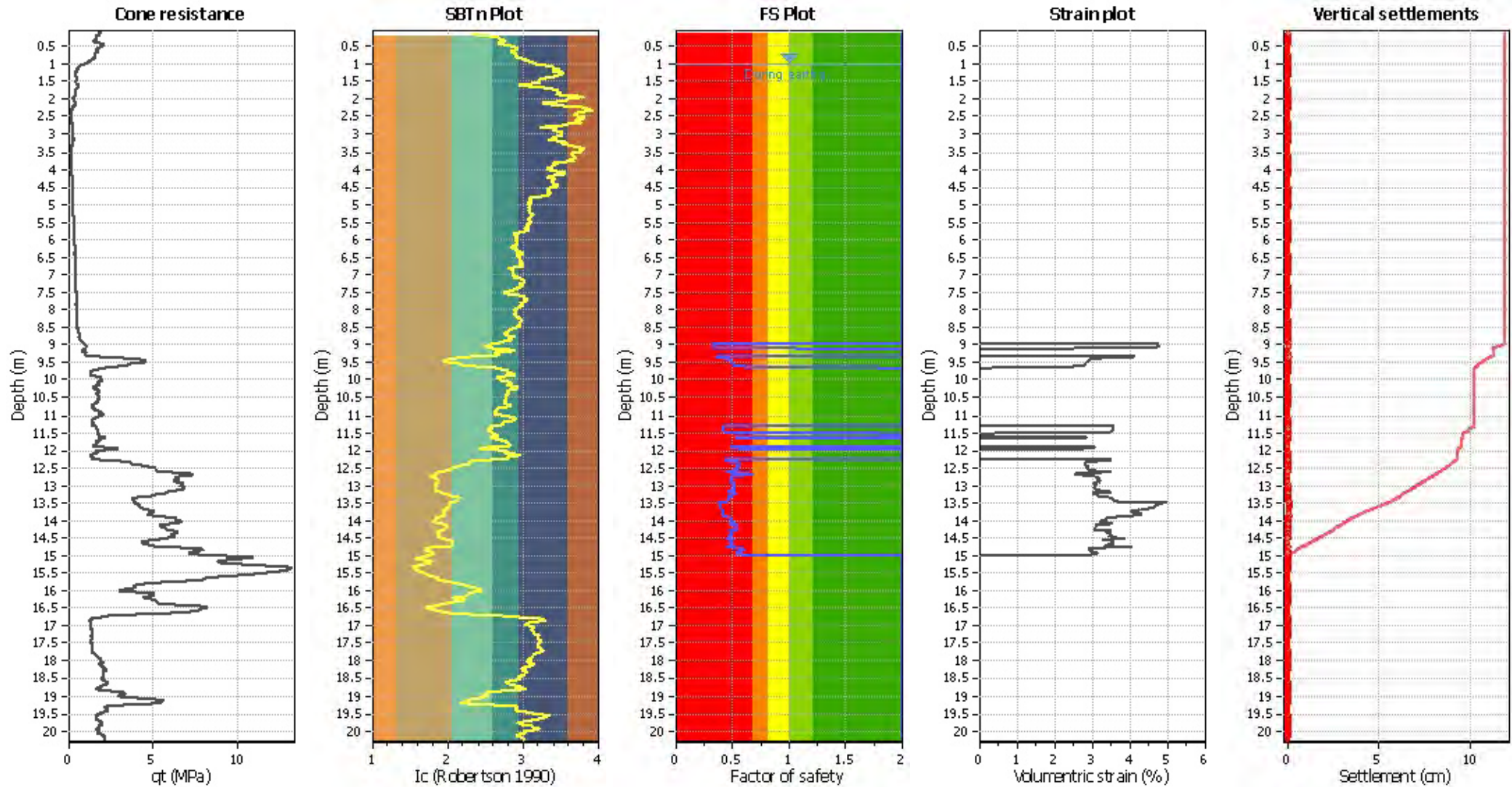
**Overall liquefaction potential: 6.47**

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<sub>c</sub>: Total cone resistance (cone resistance q<sub>c</sub> corrected for pore water effects)
- I<sub>c</sub>: Soil Behaviour Type Index
- FS: Calculated Factor of Safety against liquefaction
- Volumetric strain: Post-liquefaction volumetric strain

<b>:: Post-earthquake settlement due to soil liquefaction ::</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
1.00	134.59	2.00	0.00	1.00	0.00	1.01	132.80	2.00	0.00	1.00	0.00
1.02	131.17	2.00	0.00	1.00	0.00	1.03	128.87	2.00	0.00	1.00	0.00
1.04	126.61	2.00	0.00	1.00	0.00	1.05	124.40	2.00	0.00	1.00	0.00
1.06	123.09	2.00	0.00	1.00	0.00	1.07	121.70	2.00	0.00	1.00	0.00
1.08	119.65	2.00	0.00	1.00	0.00	1.09	117.50	2.00	0.00	1.00	0.00
1.10	115.28	2.00	0.00	1.00	0.00	1.11	113.58	2.00	0.00	1.00	0.00
1.12	111.61	2.00	0.00	1.00	0.00	1.13	109.09	2.00	0.00	1.00	0.00
1.14	106.60	2.00	0.00	1.00	0.00	1.15	104.41	2.00	0.00	1.00	0.00
1.16	102.99	2.00	0.00	1.00	0.00	1.17	101.74	2.00	0.00	1.00	0.00
1.18	99.72	2.00	0.00	1.00	0.00	1.19	97.31	2.00	0.00	1.00	0.00
1.20	94.53	2.00	0.00	1.00	0.00	1.21	92.51	2.00	0.00	1.00	0.00
1.22	90.91	2.00	0.00	1.00	0.00	1.23	89.41	2.00	0.00	1.00	0.00
1.24	88.03	2.00	0.00	1.00	0.00	1.25	87.03	2.00	0.00	1.00	0.00
1.26	86.02	2.00	0.00	1.00	0.00	1.27	85.08	2.00	0.00	1.00	0.00
1.28	83.89	2.00	0.00	1.00	0.00	1.29	83.15	2.00	0.00	1.00	0.00
1.30	82.56	2.00	0.00	1.00	0.00	1.31	81.61	2.00	0.00	1.00	0.00
1.32	80.43	2.00	0.00	1.00	0.00	1.33	79.13	2.00	0.00	1.00	0.00
1.34	78.36	2.00	0.00	1.00	0.00	1.35	77.81	2.00	0.00	1.00	0.00
1.36	77.13	2.00	0.00	1.00	0.00	1.37	76.18	2.00	0.00	1.00	0.00
1.38	75.00	2.00	0.00	1.00	0.00	1.39	74.01	2.00	0.00	1.00	0.00
1.40	72.93	2.00	0.00	1.00	0.00	1.41	71.48	2.00	0.00	1.00	0.00
1.42	69.93	2.00	0.00	1.00	0.00	1.43	68.36	2.00	0.00	1.00	0.00
1.44	67.30	2.00	0.00	1.00	0.00	1.45	66.07	2.00	0.00	1.00	0.00
1.46	64.36	2.00	0.00	1.00	0.00	1.47	62.61	2.00	0.00	1.00	0.00
1.48	61.19	2.00	0.00	1.00	0.00	1.49	60.55	2.00	0.00	1.00	0.00
1.50	59.99	2.00	0.00	1.00	0.00	1.51	59.22	2.00	0.00	1.00	0.00
1.52	58.60	2.00	0.00	1.00	0.00	1.53	58.19	2.00	0.00	1.00	0.00
1.54	58.17	2.00	0.00	1.00	0.00	1.55	58.04	2.00	0.00	1.00	0.00
1.56	57.71	2.00	0.00	1.00	0.00	1.57	57.34	2.00	0.00	1.00	0.00
1.58	57.31	2.00	0.00	1.00	0.00	1.59	57.58	2.00	0.00	1.00	0.00
1.60	58.23	2.00	0.00	1.00	0.00	1.61	59.22	2.00	0.00	1.00	0.00
1.62	60.78	2.00	0.00	1.00	0.00	1.63	62.71	2.00	0.00	1.00	0.00
1.64	65.08	2.00	0.00	1.00	0.00	1.65	67.43	2.00	0.00	1.00	0.00
1.66	69.72	2.00	0.00	1.00	0.00	1.67	72.12	2.00	0.00	1.00	0.00
1.68	74.29	2.00	0.00	1.00	0.00	1.69	76.28	2.00	0.00	1.00	0.00
1.70	77.68	2.00	0.00	1.00	0.00	1.71	78.90	2.00	0.00	1.00	0.00
1.72	80.33	2.00	0.00	1.00	0.00	1.73	81.50	2.00	0.00	1.00	0.00
1.74	82.58	2.00	0.00	1.00	0.00	1.75	82.93	2.00	0.00	1.00	0.00
1.76	83.03	2.00	0.00	1.00	0.00	1.77	82.88	2.00	0.00	1.00	0.00
1.78	82.73	2.00	0.00	1.00	0.00	1.79	83.70	2.00	0.00	1.00	0.00
1.80	84.61	2.00	0.00	1.00	0.00	1.81	85.36	2.00	0.00	1.00	0.00
1.82	85.14	2.00	0.00	1.00	0.00	1.83	85.12	2.00	0.00	1.00	0.00
1.84	85.42	2.00	0.00	1.00	0.00	1.85	85.91	2.00	0.00	1.00	0.00
1.86	86.24	2.00	0.00	1.00	0.00	1.87	86.14	2.00	0.00	1.00	0.00
1.88	85.38	2.00	0.00	1.00	0.00	1.89	84.01	2.00	0.00	1.00	0.00
1.90	82.21	2.00	0.00	1.00	0.00	1.91	78.99	2.00	0.00	1.00	0.00
1.92	75.53	2.00	0.00	1.00	0.00	1.93	71.82	2.00	0.00	1.00	0.00
1.94	70.23	2.00	0.00	1.00	0.00	1.95	68.75	2.00	0.00	1.00	0.00



:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
1.96	67.70	2.00	0.00	1.00	0.00	1.97	66.83	2.00	0.00	1.00	0.00
1.98	66.36	2.00	0.00	1.00	0.00	1.99	65.26	2.00	0.00	1.00	0.00
2.00	63.67	2.00	0.00	1.00	0.00	2.01	61.95	2.00	0.00	1.00	0.00
2.02	60.98	2.00	0.00	1.00	0.00	2.03	60.24	2.00	0.00	1.00	0.00
2.04	59.90	2.00	0.00	1.00	0.00	2.05	59.88	2.00	0.00	1.00	0.00
2.06	60.32	2.00	0.00	1.00	0.00	2.07	61.09	2.00	0.00	1.00	0.00
2.08	61.86	2.00	0.00	1.00	0.00	2.09	62.88	2.00	0.00	1.00	0.00
2.10	63.86	2.00	0.00	1.00	0.00	2.11	65.13	2.00	0.00	1.00	0.00
2.12	66.32	2.00	0.00	1.00	0.00	2.13	67.53	2.00	0.00	1.00	0.00
2.14	68.40	2.00	0.00	1.00	0.00	2.15	69.25	2.00	0.00	1.00	0.00
2.16	69.57	2.00	0.00	1.00	0.00	2.17	69.37	2.00	0.00	1.00	0.00
2.18	68.71	2.00	0.00	1.00	0.00	2.19	67.12	2.00	0.00	1.00	0.00
2.20	64.98	2.00	0.00	1.00	0.00	2.21	62.45	2.00	0.00	1.00	0.00
2.22	60.62	2.00	0.00	1.00	0.00	2.23	59.42	2.00	0.00	1.00	0.00
2.24	58.17	2.00	0.00	1.00	0.00	2.25	56.38	2.00	0.00	1.00	0.00
2.26	54.30	2.00	0.00	1.00	0.00	2.27	52.00	2.00	0.00	1.00	0.00
2.28	49.69	2.00	0.00	1.00	0.00	2.29	46.97	2.00	0.00	1.00	0.00
2.30	44.17	2.00	0.00	1.00	0.00	2.31	42.14	2.00	0.00	1.00	0.00
2.32	40.22	2.00	0.00	1.00	0.00	2.33	39.20	2.00	0.00	1.00	0.00
2.34	38.11	2.00	0.00	1.00	0.00	2.35	37.52	2.00	0.00	1.00	0.00
2.36	36.63	2.00	0.00	1.00	0.00	2.37	35.93	2.00	0.00	1.00	0.00
2.38	35.41	2.00	0.00	1.00	0.00	2.39	35.28	2.00	0.00	1.00	0.00
2.40	35.26	2.00	0.00	1.00	0.00	2.41	35.15	2.00	0.00	1.00	0.00
2.42	35.23	2.00	0.00	1.00	0.00	2.43	35.28	2.00	0.00	1.00	0.00
2.44	35.10	2.00	0.00	1.00	0.00	2.45	34.82	2.00	0.00	1.00	0.00
2.46	34.55	2.00	0.00	1.00	0.00	2.47	34.50	2.00	0.00	1.00	0.00
2.48	34.42	2.00	0.00	1.00	0.00	2.49	34.39	2.00	0.00	1.00	0.00
2.50	34.65	2.00	0.00	1.00	0.00	2.51	34.92	2.00	0.00	1.00	0.00
2.52	34.99	2.00	0.00	1.00	0.00	2.53	34.91	2.00	0.00	1.00	0.00
2.54	34.70	2.00	0.00	1.00	0.00	2.55	34.98	2.00	0.00	1.00	0.00
2.56	35.21	2.00	0.00	1.00	0.00	2.57	35.77	2.00	0.00	1.00	0.00
2.58	35.94	2.00	0.00	1.00	0.00	2.59	36.17	2.00	0.00	1.00	0.00
2.60	35.69	2.00	0.00	1.00	0.00	2.61	35.21	2.00	0.00	1.00	0.00
2.62	34.78	2.00	0.00	1.00	0.00	2.63	34.73	2.00	0.00	1.00	0.00
2.64	34.21	2.00	0.00	1.00	0.00	2.65	33.67	2.00	0.00	1.00	0.00
2.66	33.62	2.00	0.00	1.00	0.00	2.67	34.35	2.00	0.00	1.00	0.00
2.68	35.33	2.00	0.00	1.00	0.00	2.69	35.85	2.00	0.00	1.00	0.00
2.70	36.36	2.00	0.00	1.00	0.00	2.71	36.58	2.00	0.00	1.00	0.00
2.72	36.80	2.00	0.00	1.00	0.00	2.73	36.94	2.00	0.00	1.00	0.00
2.74	37.23	2.00	0.00	1.00	0.00	2.75	37.45	2.00	0.00	1.00	0.00
2.76	37.54	2.00	0.00	1.00	0.00	2.77	37.51	2.00	0.00	1.00	0.00
2.78	35.36	2.00	0.00	1.00	0.00	2.79	32.89	2.00	0.00	1.00	0.00
2.80	30.32	2.00	0.00	1.00	0.00	2.81	31.75	2.00	0.00	1.00	0.00
2.82	32.97	2.00	0.00	1.00	0.00	2.83	33.82	2.00	0.00	1.00	0.00
2.84	34.72	2.00	0.00	1.00	0.00	2.85	35.72	2.00	0.00	1.00	0.00
2.86	36.72	2.00	0.00	1.00	0.00	2.87	37.76	2.00	0.00	1.00	0.00
2.88	38.69	2.00	0.00	1.00	0.00	2.89	39.64	2.00	0.00	1.00	0.00
2.90	40.47	2.00	0.00	1.00	0.00	2.91	41.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
2.92	41.78	2.00	0.00	1.00	0.00	2.93	42.00	2.00	0.00	1.00	0.00
2.94	42.25	2.00	0.00	1.00	0.00	2.95	42.53	2.00	0.00	1.00	0.00
2.96	42.82	2.00	0.00	1.00	0.00	2.97	42.70	2.00	0.00	1.00	0.00
2.98	42.62	2.00	0.00	1.00	0.00	2.99	42.58	2.00	0.00	1.00	0.00
3.00	42.63	2.00	0.00	1.00	0.00	3.01	42.64	2.00	0.00	1.00	0.00
3.02	42.70	2.00	0.00	1.00	0.00	3.03	42.72	2.00	0.00	1.00	0.00
3.04	42.58	2.00	0.00	1.00	0.00	3.05	42.23	2.00	0.00	1.00	0.00
3.06	42.18	2.00	0.00	1.00	0.00	3.07	42.23	2.00	0.00	1.00	0.00
3.08	42.52	2.00	0.00	1.00	0.00	3.09	42.62	2.00	0.00	1.00	0.00
3.10	42.79	2.00	0.00	1.00	0.00	3.11	42.94	2.00	0.00	1.00	0.00
3.12	43.23	2.00	0.00	1.00	0.00	3.13	43.67	2.00	0.00	1.00	0.00
3.14	44.13	2.00	0.00	1.00	0.00	3.15	44.48	2.00	0.00	1.00	0.00
3.16	44.86	2.00	0.00	1.00	0.00	3.17	45.31	2.00	0.00	1.00	0.00
3.18	45.83	2.00	0.00	1.00	0.00	3.19	46.21	2.00	0.00	1.00	0.00
3.20	45.97	2.00	0.00	1.00	0.00	3.21	45.52	2.00	0.00	1.00	0.00
3.22	44.72	2.00	0.00	1.00	0.00	3.23	44.02	2.00	0.00	1.00	0.00
3.24	43.28	2.00	0.00	1.00	0.00	3.25	43.08	2.00	0.00	1.00	0.00
3.26	42.98	2.00	0.00	1.00	0.00	3.27	42.98	2.00	0.00	1.00	0.00
3.28	42.27	2.00	0.00	1.00	0.00	3.29	41.22	2.00	0.00	1.00	0.00
3.30	39.80	2.00	0.00	1.00	0.00	3.31	38.12	2.00	0.00	1.00	0.00
3.32	36.84	2.00	0.00	1.00	0.00	3.33	35.81	2.00	0.00	1.00	0.00
3.34	35.33	2.00	0.00	1.00	0.00	3.35	34.88	2.00	0.00	1.00	0.00
3.36	34.23	2.00	0.00	1.00	0.00	3.37	33.87	2.00	0.00	1.00	0.00
3.38	33.42	2.00	0.00	1.00	0.00	3.39	32.81	2.00	0.00	1.00	0.00
3.40	32.13	2.00	0.00	1.00	0.00	3.41	31.23	2.00	0.00	1.00	0.00
3.42	30.62	2.00	0.00	1.00	0.00	3.43	29.93	2.00	0.00	1.00	0.00
3.44	29.40	2.00	0.00	1.00	0.00	3.45	28.90	2.00	0.00	1.00	0.00
3.46	28.09	2.00	0.00	1.00	0.00	3.47	27.29	2.00	0.00	1.00	0.00
3.48	26.48	2.00	0.00	1.00	0.00	3.49	25.99	2.00	0.00	1.00	0.00
3.50	25.51	2.00	0.00	1.00	0.00	3.51	25.43	2.00	0.00	1.00	0.00
3.52	25.45	2.00	0.00	1.00	0.00	3.53	25.55	2.00	0.00	1.00	0.00
3.54	25.38	2.00	0.00	1.00	0.00	3.55	25.27	2.00	0.00	1.00	0.00
3.56	25.23	2.00	0.00	1.00	0.00	3.57	25.25	2.00	0.00	1.00	0.00
3.58	25.31	2.00	0.00	1.00	0.00	3.59	25.32	2.00	0.00	1.00	0.00
3.60	25.44	2.00	0.00	1.00	0.00	3.61	25.58	2.00	0.00	1.00	0.00
3.62	25.75	2.00	0.00	1.00	0.00	3.63	25.80	2.00	0.00	1.00	0.00
3.64	25.42	2.00	0.00	1.00	0.00	3.65	25.44	2.00	0.00	1.00	0.00
3.66	25.58	2.00	0.00	1.00	0.00	3.67	26.09	2.00	0.00	1.00	0.00
3.68	26.17	2.00	0.00	1.00	0.00	3.69	26.13	2.00	0.00	1.00	0.00
3.70	26.36	2.00	0.00	1.00	0.00	3.71	26.57	2.00	0.00	1.00	0.00
3.72	26.77	2.00	0.00	1.00	0.00	3.73	26.37	2.00	0.00	1.00	0.00
3.74	25.89	2.00	0.00	1.00	0.00	3.75	25.46	2.00	0.00	1.00	0.00
3.76	25.42	2.00	0.00	1.00	0.00	3.77	25.45	2.00	0.00	1.00	0.00
3.78	23.97	2.00	0.00	1.00	0.00	3.79	22.16	2.00	0.00	1.00	0.00
3.80	19.92	2.00	0.00	1.00	0.00	3.81	20.73	2.00	0.00	1.00	0.00
3.82	21.39	2.00	0.00	1.00	0.00	3.83	21.73	2.00	0.00	1.00	0.00
3.84	21.89	2.00	0.00	1.00	0.00	3.85	21.89	2.00	0.00	1.00	0.00
3.86	21.99	2.00	0.00	1.00	0.00	3.87	22.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
3.88	22.05	2.00	0.00	1.00	0.00	3.89	21.92	2.00	0.00	1.00	0.00
3.90	21.81	2.00	0.00	1.00	0.00	3.91	21.81	2.00	0.00	1.00	0.00
3.92	21.43	2.00	0.00	1.00	0.00	3.93	20.89	2.00	0.00	1.00	0.00
3.94	20.46	2.00	0.00	1.00	0.00	3.95	20.62	2.00	0.00	1.00	0.00
3.96	21.04	2.00	0.00	1.00	0.00	3.97	21.45	2.00	0.00	1.00	0.00
3.98	21.85	2.00	0.00	1.00	0.00	3.99	22.12	2.00	0.00	1.00	0.00
4.00	22.66	2.00	0.00	1.00	0.00	4.01	23.17	2.00	0.00	1.00	0.00
4.02	23.90	2.00	0.00	1.00	0.00	4.03	24.26	2.00	0.00	1.00	0.00
4.04	24.67	2.00	0.00	1.00	0.00	4.05	24.67	2.00	0.00	1.00	0.00
4.06	24.61	2.00	0.00	1.00	0.00	4.07	24.36	2.00	0.00	1.00	0.00
4.08	24.27	2.00	0.00	1.00	0.00	4.09	24.15	2.00	0.00	1.00	0.00
4.10	23.97	2.00	0.00	1.00	0.00	4.11	23.71	2.00	0.00	1.00	0.00
4.12	23.53	2.00	0.00	1.00	0.00	4.13	23.22	2.00	0.00	1.00	0.00
4.14	23.22	2.00	0.00	1.00	0.00	4.15	23.10	2.00	0.00	1.00	0.00
4.16	23.23	2.00	0.00	1.00	0.00	4.17	23.00	2.00	0.00	1.00	0.00
4.18	22.72	2.00	0.00	1.00	0.00	4.19	22.31	2.00	0.00	1.00	0.00
4.20	22.12	2.00	0.00	1.00	0.00	4.21	22.27	2.00	0.00	1.00	0.00
4.22	22.52	2.00	0.00	1.00	0.00	4.23	22.76	2.00	0.00	1.00	0.00
4.24	23.07	2.00	0.00	1.00	0.00	4.25	23.35	2.00	0.00	1.00	0.00
4.26	23.82	2.00	0.00	1.00	0.00	4.27	24.12	2.00	0.00	1.00	0.00
4.28	24.35	2.00	0.00	1.00	0.00	4.29	24.61	2.00	0.00	1.00	0.00
4.30	24.81	2.00	0.00	1.00	0.00	4.31	25.01	2.00	0.00	1.00	0.00
4.32	24.92	2.00	0.00	1.00	0.00	4.33	24.91	2.00	0.00	1.00	0.00
4.34	25.01	2.00	0.00	1.00	0.00	4.35	25.34	2.00	0.00	1.00	0.00
4.36	25.53	2.00	0.00	1.00	0.00	4.37	25.62	2.00	0.00	1.00	0.00
4.38	25.56	2.00	0.00	1.00	0.00	4.39	25.50	2.00	0.00	1.00	0.00
4.40	25.36	2.00	0.00	1.00	0.00	4.41	25.27	2.00	0.00	1.00	0.00
4.42	25.26	2.00	0.00	1.00	0.00	4.43	25.27	2.00	0.00	1.00	0.00
4.44	25.23	2.00	0.00	1.00	0.00	4.45	25.05	2.00	0.00	1.00	0.00
4.46	25.04	2.00	0.00	1.00	0.00	4.47	25.08	2.00	0.00	1.00	0.00
4.48	25.16	2.00	0.00	1.00	0.00	4.49	25.03	2.00	0.00	1.00	0.00
4.50	24.80	2.00	0.00	1.00	0.00	4.51	24.38	2.00	0.00	1.00	0.00
4.52	23.91	2.00	0.00	1.00	0.00	4.53	23.39	2.00	0.00	1.00	0.00
4.54	22.92	2.00	0.00	1.00	0.00	4.55	22.73	2.00	0.00	1.00	0.00
4.56	22.65	2.00	0.00	1.00	0.00	4.57	22.70	2.00	0.00	1.00	0.00
4.58	22.83	2.00	0.00	1.00	0.00	4.59	23.00	2.00	0.00	1.00	0.00
4.60	23.54	2.00	0.00	1.00	0.00	4.61	23.95	2.00	0.00	1.00	0.00
4.62	24.25	2.00	0.00	1.00	0.00	4.63	24.20	2.00	0.00	1.00	0.00
4.64	24.31	2.00	0.00	1.00	0.00	4.65	24.52	2.00	0.00	1.00	0.00
4.66	24.79	2.00	0.00	1.00	0.00	4.67	25.18	2.00	0.00	1.00	0.00
4.68	25.52	2.00	0.00	1.00	0.00	4.69	25.64	2.00	0.00	1.00	0.00
4.70	25.30	2.00	0.00	1.00	0.00	4.71	24.86	2.00	0.00	1.00	0.00
4.72	24.44	2.00	0.00	1.00	0.00	4.73	24.23	2.00	0.00	1.00	0.00
4.74	24.06	2.00	0.00	1.00	0.00	4.75	24.00	2.00	0.00	1.00	0.00
4.76	23.95	2.00	0.00	1.00	0.00	4.77	23.94	2.00	0.00	1.00	0.00
4.78	22.74	2.00	0.00	1.00	0.00	4.79	21.12	2.00	0.00	1.00	0.00
4.80	19.19	2.00	0.00	1.00	0.00	4.81	19.26	2.00	0.00	1.00	0.00
4.82	19.45	2.00	0.00	1.00	0.00	4.83	19.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
4.84	19.58	2.00	0.00	1.00	0.00	4.85	19.66	2.00	0.00	1.00	0.00
4.86	19.76	2.00	0.00	1.00	0.00	4.87	19.86	2.00	0.00	1.00	0.00
4.88	20.14	2.00	0.00	1.00	0.00	4.89	20.40	2.00	0.00	1.00	0.00
4.90	20.66	2.00	0.00	1.00	0.00	4.91	20.66	2.00	0.00	1.00	0.00
4.92	20.39	2.00	0.00	1.00	0.00	4.93	20.23	2.00	0.00	1.00	0.00
4.94	20.12	2.00	0.00	1.00	0.00	4.95	20.39	2.00	0.00	1.00	0.00
4.96	20.47	2.00	0.00	1.00	0.00	4.97	20.39	2.00	0.00	1.00	0.00
4.98	20.29	2.00	0.00	1.00	0.00	4.99	20.39	2.00	0.00	1.00	0.00
5.00	20.64	2.00	0.00	1.00	0.00	5.01	21.00	2.00	0.00	1.00	0.00
5.02	21.15	2.00	0.00	1.00	0.00	5.03	21.23	2.00	0.00	1.00	0.00
5.04	21.13	2.00	0.00	1.00	0.00	5.05	21.05	2.00	0.00	1.00	0.00
5.06	20.97	2.00	0.00	1.00	0.00	5.07	21.06	2.00	0.00	1.00	0.00
5.08	21.22	2.00	0.00	1.00	0.00	5.09	21.47	2.00	0.00	1.00	0.00
5.10	21.72	2.00	0.00	1.00	0.00	5.11	22.05	2.00	0.00	1.00	0.00
5.12	22.19	2.00	0.00	1.00	0.00	5.13	22.20	2.00	0.00	1.00	0.00
5.14	22.34	2.00	0.00	1.00	0.00	5.15	22.57	2.00	0.00	1.00	0.00
5.16	22.87	2.00	0.00	1.00	0.00	5.17	22.93	2.00	0.00	1.00	0.00
5.18	23.16	2.00	0.00	1.00	0.00	5.19	23.37	2.00	0.00	1.00	0.00
5.20	23.59	2.00	0.00	1.00	0.00	5.21	23.71	2.00	0.00	1.00	0.00
5.22	23.78	2.00	0.00	1.00	0.00	5.23	23.84	2.00	0.00	1.00	0.00
5.24	23.92	2.00	0.00	1.00	0.00	5.25	24.00	2.00	0.00	1.00	0.00
5.26	24.46	2.00	0.00	1.00	0.00	5.27	24.90	2.00	0.00	1.00	0.00
5.28	25.25	2.00	0.00	1.00	0.00	5.29	25.08	2.00	0.00	1.00	0.00
5.30	24.76	2.00	0.00	1.00	0.00	5.31	24.58	2.00	0.00	1.00	0.00
5.32	24.64	2.00	0.00	1.00	0.00	5.33	24.84	2.00	0.00	1.00	0.00
5.34	24.91	2.00	0.00	1.00	0.00	5.35	24.92	2.00	0.00	1.00	0.00
5.36	24.86	2.00	0.00	1.00	0.00	5.37	24.97	2.00	0.00	1.00	0.00
5.38	24.97	2.00	0.00	1.00	0.00	5.39	24.89	2.00	0.00	1.00	0.00
5.40	24.58	2.00	0.00	1.00	0.00	5.41	24.30	2.00	0.00	1.00	0.00
5.42	23.97	2.00	0.00	1.00	0.00	5.43	23.67	2.00	0.00	1.00	0.00
5.44	23.76	2.00	0.00	1.00	0.00	5.45	23.96	2.00	0.00	1.00	0.00
5.46	24.37	2.00	0.00	1.00	0.00	5.47	24.57	2.00	0.00	1.00	0.00
5.48	24.88	2.00	0.00	1.00	0.00	5.49	25.07	2.00	0.00	1.00	0.00
5.50	25.24	2.00	0.00	1.00	0.00	5.51	25.30	2.00	0.00	1.00	0.00
5.52	25.36	2.00	0.00	1.00	0.00	5.53	25.48	2.00	0.00	1.00	0.00
5.54	25.67	2.00	0.00	1.00	0.00	5.55	25.85	2.00	0.00	1.00	0.00
5.56	25.92	2.00	0.00	1.00	0.00	5.57	25.92	2.00	0.00	1.00	0.00
5.58	25.98	2.00	0.00	1.00	0.00	5.59	25.98	2.00	0.00	1.00	0.00
5.60	26.03	2.00	0.00	1.00	0.00	5.61	26.16	2.00	0.00	1.00	0.00
5.62	26.26	2.00	0.00	1.00	0.00	5.63	26.21	2.00	0.00	1.00	0.00
5.64	25.90	2.00	0.00	1.00	0.00	5.65	25.71	2.00	0.00	1.00	0.00
5.66	25.58	2.00	0.00	1.00	0.00	5.67	25.51	2.00	0.00	1.00	0.00
5.68	25.39	2.00	0.00	1.00	0.00	5.69	25.58	2.00	0.00	1.00	0.00
5.70	25.77	2.00	0.00	1.00	0.00	5.71	25.96	2.00	0.00	1.00	0.00
5.72	26.14	2.00	0.00	1.00	0.00	5.73	26.43	2.00	0.00	1.00	0.00
5.74	26.70	2.00	0.00	1.00	0.00	5.75	26.75	2.00	0.00	1.00	0.00
5.76	26.75	2.00	0.00	1.00	0.00	5.77	25.06	2.00	0.00	1.00	0.00
5.78	23.08	2.00	0.00	1.00	0.00	5.79	21.38	2.00	0.00	1.00	0.00

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

Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
5.80	21.40	2.00	0.00	1.00	0.00	5.81	21.43	2.00	0.00	1.00	0.00
5.82	21.47	2.00	0.00	1.00	0.00	5.83	21.57	2.00	0.00	1.00	0.00
5.84	21.66	2.00	0.00	1.00	0.00	5.85	21.71	2.00	0.00	1.00	0.00
5.86	21.83	2.00	0.00	1.00	0.00	5.87	22.04	2.00	0.00	1.00	0.00
5.88	22.32	2.00	0.00	1.00	0.00	5.89	22.45	2.00	0.00	1.00	0.00
5.90	22.60	2.00	0.00	1.00	0.00	5.91	22.69	2.00	0.00	1.00	0.00
5.92	22.78	2.00	0.00	1.00	0.00	5.93	22.69	2.00	0.00	1.00	0.00
5.94	22.65	2.00	0.00	1.00	0.00	5.95	22.61	2.00	0.00	1.00	0.00
5.96	22.75	2.00	0.00	1.00	0.00	5.97	22.90	2.00	0.00	1.00	0.00
5.98	23.06	2.00	0.00	1.00	0.00	5.99	23.12	2.00	0.00	1.00	0.00
6.00	23.19	2.00	0.00	1.00	0.00	6.01	23.25	2.00	0.00	1.00	0.00
6.02	23.40	2.00	0.00	1.00	0.00	6.03	23.49	2.00	0.00	1.00	0.00
6.04	23.58	2.00	0.00	1.00	0.00	6.05	23.58	2.00	0.00	1.00	0.00
6.06	23.58	2.00	0.00	1.00	0.00	6.07	23.64	2.00	0.00	1.00	0.00
6.08	23.84	2.00	0.00	1.00	0.00	6.09	24.03	2.00	0.00	1.00	0.00
6.10	24.09	2.00	0.00	1.00	0.00	6.11	23.96	2.00	0.00	1.00	0.00
6.12	23.84	2.00	0.00	1.00	0.00	6.13	23.62	2.00	0.00	1.00	0.00
6.14	23.51	2.00	0.00	1.00	0.00	6.15	23.55	2.00	0.00	1.00	0.00
6.16	23.72	2.00	0.00	1.00	0.00	6.17	23.77	2.00	0.00	1.00	0.00
6.18	23.66	2.00	0.00	1.00	0.00	6.19	23.48	2.00	0.00	1.00	0.00
6.20	23.46	2.00	0.00	1.00	0.00	6.21	23.37	2.00	0.00	1.00	0.00
6.22	23.50	2.00	0.00	1.00	0.00	6.23	23.77	2.00	0.00	1.00	0.00
6.24	24.17	2.00	0.00	1.00	0.00	6.25	24.52	2.00	0.00	1.00	0.00
6.26	24.98	2.00	0.00	1.00	0.00	6.27	25.46	2.00	0.00	1.00	0.00
6.28	25.85	2.00	0.00	1.00	0.00	6.29	26.09	2.00	0.00	1.00	0.00
6.30	26.26	2.00	0.00	1.00	0.00	6.31	26.37	2.00	0.00	1.00	0.00
6.32	26.28	2.00	0.00	1.00	0.00	6.33	26.25	2.00	0.00	1.00	0.00
6.34	26.53	2.00	0.00	1.00	0.00	6.35	26.86	2.00	0.00	1.00	0.00
6.36	27.17	2.00	0.00	1.00	0.00	6.37	27.36	2.00	0.00	1.00	0.00
6.38	27.53	2.00	0.00	1.00	0.00	6.39	27.60	2.00	0.00	1.00	0.00
6.40	27.43	2.00	0.00	1.00	0.00	6.41	27.24	2.00	0.00	1.00	0.00
6.42	26.98	2.00	0.00	1.00	0.00	6.43	26.47	2.00	0.00	1.00	0.00
6.44	26.13	2.00	0.00	1.00	0.00	6.45	25.97	2.00	0.00	1.00	0.00
6.46	26.51	2.00	0.00	1.00	0.00	6.47	26.92	2.00	0.00	1.00	0.00
6.48	27.40	2.00	0.00	1.00	0.00	6.49	27.57	2.00	0.00	1.00	0.00
6.50	27.74	2.00	0.00	1.00	0.00	6.51	27.84	2.00	0.00	1.00	0.00
6.52	27.84	2.00	0.00	1.00	0.00	6.53	27.76	2.00	0.00	1.00	0.00
6.54	27.68	2.00	0.00	1.00	0.00	6.55	27.78	2.00	0.00	1.00	0.00
6.56	28.08	2.00	0.00	1.00	0.00	6.57	28.32	2.00	0.00	1.00	0.00
6.58	28.48	2.00	0.00	1.00	0.00	6.59	28.43	2.00	0.00	1.00	0.00
6.60	28.38	2.00	0.00	1.00	0.00	6.61	28.38	2.00	0.00	1.00	0.00
6.62	28.54	2.00	0.00	1.00	0.00	6.63	28.78	2.00	0.00	1.00	0.00
6.64	28.97	2.00	0.00	1.00	0.00	6.65	29.00	2.00	0.00	1.00	0.00
6.66	28.95	2.00	0.00	1.00	0.00	6.67	28.84	2.00	0.00	1.00	0.00
6.68	28.84	2.00	0.00	1.00	0.00	6.69	29.04	2.00	0.00	1.00	0.00
6.70	29.55	2.00	0.00	1.00	0.00	6.71	30.14	2.00	0.00	1.00	0.00
6.72	30.58	2.00	0.00	1.00	0.00	6.73	31.03	2.00	0.00	1.00	0.00
6.74	31.29	2.00	0.00	1.00	0.00	6.75	31.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
6.76	31.46	2.00	0.00	1.00	0.00	6.77	29.28	2.00	0.00	1.00	0.00
6.78	27.18	2.00	0.00	1.00	0.00	6.79	24.95	2.00	0.00	1.00	0.00
6.80	25.72	2.00	0.00	1.00	0.00	6.81	26.40	2.00	0.00	1.00	0.00
6.82	26.93	2.00	0.00	1.00	0.00	6.83	27.34	2.00	0.00	1.00	0.00
6.84	27.46	2.00	0.00	1.00	0.00	6.85	27.58	2.00	0.00	1.00	0.00
6.86	27.46	2.00	0.00	1.00	0.00	6.87	27.28	2.00	0.00	1.00	0.00
6.88	27.16	2.00	0.00	1.00	0.00	6.89	27.33	2.00	0.00	1.00	0.00
6.90	27.51	2.00	0.00	1.00	0.00	6.91	27.63	2.00	0.00	1.00	0.00
6.92	27.63	2.00	0.00	1.00	0.00	6.93	27.63	2.00	0.00	1.00	0.00
6.94	27.62	2.00	0.00	1.00	0.00	6.95	27.57	2.00	0.00	1.00	0.00
6.96	27.57	2.00	0.00	1.00	0.00	6.97	27.62	2.00	0.00	1.00	0.00
6.98	27.80	2.00	0.00	1.00	0.00	6.99	27.96	2.00	0.00	1.00	0.00
7.00	28.13	2.00	0.00	1.00	0.00	7.01	28.40	2.00	0.00	1.00	0.00
7.02	28.72	2.00	0.00	1.00	0.00	7.03	29.20	2.00	0.00	1.00	0.00
7.04	29.56	2.00	0.00	1.00	0.00	7.05	29.76	2.00	0.00	1.00	0.00
7.06	29.61	2.00	0.00	1.00	0.00	7.07	29.38	2.00	0.00	1.00	0.00
7.08	29.24	2.00	0.00	1.00	0.00	7.09	29.99	2.00	0.00	1.00	0.00
7.10	30.67	2.00	0.00	1.00	0.00	7.11	31.46	2.00	0.00	1.00	0.00
7.12	32.04	2.00	0.00	1.00	0.00	7.13	32.77	2.00	0.00	1.00	0.00
7.14	33.28	2.00	0.00	1.00	0.00	7.15	33.43	2.00	0.00	1.00	0.00
7.16	33.40	2.00	0.00	1.00	0.00	7.17	33.24	2.00	0.00	1.00	0.00
7.18	33.02	2.00	0.00	1.00	0.00	7.19	32.92	2.00	0.00	1.00	0.00
7.20	33.12	2.00	0.00	1.00	0.00	7.21	33.44	2.00	0.00	1.00	0.00
7.22	33.65	2.00	0.00	1.00	0.00	7.23	33.35	2.00	0.00	1.00	0.00
7.24	32.79	2.00	0.00	1.00	0.00	7.25	32.03	2.00	0.00	1.00	0.00
7.26	31.62	2.00	0.00	1.00	0.00	7.27	31.27	2.00	0.00	1.00	0.00
7.28	31.11	2.00	0.00	1.00	0.00	7.29	31.12	2.00	0.00	1.00	0.00
7.30	31.23	2.00	0.00	1.00	0.00	7.31	31.20	2.00	0.00	1.00	0.00
7.32	30.99	2.00	0.00	1.00	0.00	7.33	30.69	2.00	0.00	1.00	0.00
7.34	30.34	2.00	0.00	1.00	0.00	7.35	30.06	2.00	0.00	1.00	0.00
7.36	29.98	2.00	0.00	1.00	0.00	7.37	30.15	2.00	0.00	1.00	0.00
7.38	30.25	2.00	0.00	1.00	0.00	7.39	29.95	2.00	0.00	1.00	0.00
7.40	29.62	2.00	0.00	1.00	0.00	7.41	29.02	2.00	0.00	1.00	0.00
7.42	28.60	2.00	0.00	1.00	0.00	7.43	27.84	2.00	0.00	1.00	0.00
7.44	27.23	2.00	0.00	1.00	0.00	7.45	26.58	2.00	0.00	1.00	0.00
7.46	26.13	2.00	0.00	1.00	0.00	7.47	25.95	2.00	0.00	1.00	0.00
7.48	25.97	2.00	0.00	1.00	0.00	7.49	26.37	2.00	0.00	1.00	0.00
7.50	27.10	2.00	0.00	1.00	0.00	7.51	27.90	2.00	0.00	1.00	0.00
7.52	28.54	2.00	0.00	1.00	0.00	7.53	29.18	2.00	0.00	1.00	0.00
7.54	29.63	2.00	0.00	1.00	0.00	7.55	30.80	2.00	0.00	1.00	0.00
7.56	32.01	2.00	0.00	1.00	0.00	7.57	33.62	2.00	0.00	1.00	0.00
7.58	35.24	2.00	0.00	1.00	0.00	7.59	36.67	2.00	0.00	1.00	0.00
7.60	37.92	2.00	0.00	1.00	0.00	7.61	38.75	2.00	0.00	1.00	0.00
7.62	39.43	2.00	0.00	1.00	0.00	7.63	39.89	2.00	0.00	1.00	0.00
7.64	40.04	2.00	0.00	1.00	0.00	7.65	40.05	2.00	0.00	1.00	0.00
7.66	40.19	2.00	0.00	1.00	0.00	7.67	40.48	2.00	0.00	1.00	0.00
7.68	40.85	2.00	0.00	1.00	0.00	7.69	40.92	2.00	0.00	1.00	0.00
7.70	40.73	2.00	0.00	1.00	0.00	7.71	40.26	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
7.72	39.77	2.00	0.00	1.00	0.00	7.73	39.51	2.00	0.00	1.00	0.00
7.74	39.52	2.00	0.00	1.00	0.00	7.75	39.65	2.00	0.00	1.00	0.00
7.76	39.72	2.00	0.00	1.00	0.00	7.77	38.37	2.00	0.00	1.00	0.00
7.78	37.11	2.00	0.00	1.00	0.00	7.79	35.90	2.00	0.00	1.00	0.00
7.80	36.29	2.00	0.00	1.00	0.00	7.81	36.41	2.00	0.00	1.00	0.00
7.82	36.39	2.00	0.00	1.00	0.00	7.83	36.37	2.00	0.00	1.00	0.00
7.84	36.28	2.00	0.00	1.00	0.00	7.85	36.14	2.00	0.00	1.00	0.00
7.86	35.72	2.00	0.00	1.00	0.00	7.87	35.30	2.00	0.00	1.00	0.00
7.88	34.88	2.00	0.00	1.00	0.00	7.89	34.62	2.00	0.00	1.00	0.00
7.90	34.36	2.00	0.00	1.00	0.00	7.91	34.09	2.00	0.00	1.00	0.00
7.92	33.68	2.00	0.00	1.00	0.00	7.93	33.35	2.00	0.00	1.00	0.00
7.94	33.15	2.00	0.00	1.00	0.00	7.95	33.12	2.00	0.00	1.00	0.00
7.96	33.14	2.00	0.00	1.00	0.00	7.97	33.10	2.00	0.00	1.00	0.00
7.98	33.07	2.00	0.00	1.00	0.00	7.99	32.99	2.00	0.00	1.00	0.00
8.00	33.00	2.00	0.00	1.00	0.00	8.01	33.26	2.00	0.00	1.00	0.00
8.02	33.74	2.00	0.00	1.00	0.00	8.03	34.29	2.00	0.00	1.00	0.00
8.04	34.67	2.00	0.00	1.00	0.00	8.05	34.90	2.00	0.00	1.00	0.00
8.06	35.07	2.00	0.00	1.00	0.00	8.07	35.19	2.00	0.00	1.00	0.00
8.08	35.39	2.00	0.00	1.00	0.00	8.09	35.59	2.00	0.00	1.00	0.00
8.10	35.87	2.00	0.00	1.00	0.00	8.11	36.11	2.00	0.00	1.00	0.00
8.12	36.57	2.00	0.00	1.00	0.00	8.13	36.94	2.00	0.00	1.00	0.00
8.14	37.26	2.00	0.00	1.00	0.00	8.15	37.18	2.00	0.00	1.00	0.00
8.16	37.03	2.00	0.00	1.00	0.00	8.17	36.88	2.00	0.00	1.00	0.00
8.18	37.03	2.00	0.00	1.00	0.00	8.19	37.36	2.00	0.00	1.00	0.00
8.20	37.76	2.00	0.00	1.00	0.00	8.21	38.00	2.00	0.00	1.00	0.00
8.22	38.19	2.00	0.00	1.00	0.00	8.23	38.45	2.00	0.00	1.00	0.00
8.24	38.75	2.00	0.00	1.00	0.00	8.25	38.99	2.00	0.00	1.00	0.00
8.26	39.12	2.00	0.00	1.00	0.00	8.27	39.20	2.00	0.00	1.00	0.00
8.28	39.39	2.00	0.00	1.00	0.00	8.29	39.72	2.00	0.00	1.00	0.00
8.30	40.05	2.00	0.00	1.00	0.00	8.31	40.22	2.00	0.00	1.00	0.00
8.32	39.93	2.00	0.00	1.00	0.00	8.33	39.47	2.00	0.00	1.00	0.00
8.34	38.94	2.00	0.00	1.00	0.00	8.35	38.60	2.00	0.00	1.00	0.00
8.36	38.40	2.00	0.00	1.00	0.00	8.37	38.29	2.00	0.00	1.00	0.00
8.38	38.20	2.00	0.00	1.00	0.00	8.39	38.10	2.00	0.00	1.00	0.00
8.40	38.04	2.00	0.00	1.00	0.00	8.41	38.04	2.00	0.00	1.00	0.00
8.42	38.07	2.00	0.00	1.00	0.00	8.43	38.06	2.00	0.00	1.00	0.00
8.44	38.06	2.00	0.00	1.00	0.00	8.45	38.09	2.00	0.00	1.00	0.00
8.46	38.10	2.00	0.00	1.00	0.00	8.47	38.06	2.00	0.00	1.00	0.00
8.48	38.03	2.00	0.00	1.00	0.00	8.49	38.05	2.00	0.00	1.00	0.00
8.50	38.01	2.00	0.00	1.00	0.00	8.51	37.73	2.00	0.00	1.00	0.00
8.52	37.45	2.00	0.00	1.00	0.00	8.53	37.09	2.00	0.00	1.00	0.00
8.54	36.73	2.00	0.00	1.00	0.00	8.55	36.37	2.00	0.00	1.00	0.00
8.56	36.25	2.00	0.00	1.00	0.00	8.57	36.30	2.00	0.00	1.00	0.00
8.58	36.07	2.00	0.00	1.00	0.00	8.59	35.73	2.00	0.00	1.00	0.00
8.60	35.34	2.00	0.00	1.00	0.00	8.61	35.46	2.00	0.00	1.00	0.00
8.62	35.69	2.00	0.00	1.00	0.00	8.63	35.98	2.00	0.00	1.00	0.00
8.64	36.11	2.00	0.00	1.00	0.00	8.65	36.61	2.00	0.00	1.00	0.00
8.66	37.21	2.00	0.00	1.00	0.00	8.67	37.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
8.68	38.38	2.00	0.00	1.00	0.00	8.69	38.86	2.00	0.00	1.00	0.00
8.70	39.30	2.00	0.00	1.00	0.00	8.71	39.86	2.00	0.00	1.00	0.00
8.72	40.51	2.00	0.00	1.00	0.00	8.73	41.42	2.00	0.00	1.00	0.00
8.74	42.61	2.00	0.00	1.00	0.00	8.75	43.52	2.00	0.00	1.00	0.00
8.76	44.08	2.00	0.00	1.00	0.00	8.77	42.51	2.00	0.00	1.00	0.00
8.78	41.25	2.00	0.00	1.00	0.00	8.79	40.63	2.00	0.00	1.00	0.00
8.80	42.60	2.00	0.00	1.00	0.00	8.81	44.72	2.00	0.00	1.00	0.00
8.82	46.40	2.00	0.00	1.00	0.00	8.83	47.30	2.00	0.00	1.00	0.00
8.84	47.57	2.00	0.00	1.00	0.00	8.85	47.46	2.00	0.00	1.00	0.00
8.86	47.20	2.00	0.00	1.00	0.00	8.87	46.81	2.00	0.00	1.00	0.00
8.88	46.45	2.00	0.00	1.00	0.00	8.89	46.17	2.00	0.00	1.00	0.00
8.90	46.05	2.00	0.00	1.00	0.00	8.91	45.99	2.00	0.00	1.00	0.00
8.92	45.78	2.00	0.00	1.00	0.00	8.93	45.45	2.00	0.00	1.00	0.00
8.94	44.81	2.00	0.00	1.00	0.00	8.95	43.68	2.00	0.00	1.00	0.00
8.96	42.62	0.34	4.70	1.00	0.05	8.97	42.03	0.33	4.76	1.00	0.05
8.98	42.16	0.33	4.74	1.00	0.05	8.99	42.16	0.33	4.74	1.00	0.05
9.00	42.03	0.33	4.76	1.00	0.05	9.01	41.85	0.33	4.77	1.00	0.05
9.02	41.75	0.33	4.78	1.00	0.05	9.03	41.65	0.33	4.79	1.00	0.05
9.04	41.68	0.33	4.79	1.00	0.05	9.05	42.38	0.34	4.72	1.00	0.05
9.06	43.16	0.34	4.65	1.00	0.05	9.07	43.94	0.34	4.59	1.00	0.05
9.08	44.45	0.34	4.54	1.00	0.05	9.09	45.38	0.34	4.47	1.00	0.04
9.10	47.53	2.00	0.00	1.00	0.00	9.11	49.91	2.00	0.00	1.00	0.00
9.12	52.13	2.00	0.00	1.00	0.00	9.13	53.49	2.00	0.00	1.00	0.00
9.14	54.27	2.00	0.00	1.00	0.00	9.15	54.51	2.00	0.00	1.00	0.00
9.16	54.38	2.00	0.00	1.00	0.00	9.17	54.46	2.00	0.00	1.00	0.00
9.18	54.79	2.00	0.00	1.00	0.00	9.19	54.07	2.00	0.00	1.00	0.00
9.20	52.22	2.00	0.00	1.00	0.00	9.21	49.58	2.00	0.00	1.00	0.00
9.22	48.29	2.00	0.00	1.00	0.00	9.23	48.35	2.00	0.00	1.00	0.00
9.24	49.81	2.00	0.00	1.00	0.00	9.25	51.06	2.00	0.00	1.00	0.00
9.26	51.92	2.00	0.00	1.00	0.00	9.27	51.81	2.00	0.00	1.00	0.00
9.28	51.34	2.00	0.00	1.00	0.00	9.29	50.57	2.00	0.00	1.00	0.00
9.30	49.91	2.00	0.00	1.00	0.00	9.31	49.71	0.36	4.14	1.00	0.04
9.32	49.67	0.36	4.15	1.00	0.04	9.33	49.73	0.36	4.14	1.00	0.04
9.34	50.26	0.36	4.11	1.00	0.04	9.35	52.31	0.37	3.98	1.00	0.04
9.36	55.68	0.38	3.78	1.00	0.04	9.37	60.41	0.40	3.53	1.00	0.04
9.38	66.40	0.42	3.27	1.00	0.03	9.39	71.25	0.45	3.09	1.00	0.03
9.40	74.68	0.47	2.97	1.00	0.03	9.41	75.74	0.47	2.93	1.00	0.03
9.42	75.73	0.47	2.93	1.00	0.03	9.43	75.39	0.47	2.95	1.00	0.03
9.44	75.25	0.47	2.95	1.00	0.03	9.45	75.80	0.48	2.93	1.00	0.03
9.46	76.93	0.48	2.90	1.00	0.03	9.47	78.01	0.49	2.86	1.00	0.03
9.48	78.78	0.50	2.84	1.00	0.03	9.49	78.94	0.50	2.84	1.00	0.03
9.50	78.85	0.50	2.84	1.00	0.03	9.51	78.66	0.50	2.85	1.00	0.03
9.52	78.56	0.49	2.85	1.00	0.03	9.53	78.76	0.50	2.84	1.00	0.03
9.54	79.51	0.50	2.82	1.00	0.03	9.55	80.56	0.51	2.79	1.00	0.03
9.56	82.15	0.52	2.75	1.00	0.03	9.57	85.38	0.55	2.66	1.00	0.03
9.58	89.31	0.58	2.56	1.00	0.03	9.59	93.76	0.62	2.46	1.00	0.02
9.60	98.44	0.67	2.37	1.00	0.02	9.61	103.41	0.72	2.27	1.00	0.02
9.62	107.98	0.78	1.82	1.00	0.02	9.63	109.86	0.81	1.77	1.00	0.02



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
9.64	109.73	2.00	0.00	1.00	0.00	9.65	108.79	2.00	0.00	1.00	0.00
9.66	107.71	2.00	0.00	1.00	0.00	9.67	106.75	2.00	0.00	1.00	0.00
9.68	105.19	2.00	0.00	1.00	0.00	9.69	102.97	2.00	0.00	1.00	0.00
9.70	100.68	2.00	0.00	1.00	0.00	9.71	98.24	2.00	0.00	1.00	0.00
9.72	95.96	2.00	0.00	1.00	0.00	9.73	92.52	2.00	0.00	1.00	0.00
9.74	89.18	2.00	0.00	1.00	0.00	9.75	86.68	2.00	0.00	1.00	0.00
9.76	85.99	2.00	0.00	1.00	0.00	9.77	90.51	2.00	0.00	1.00	0.00
9.78	94.66	2.00	0.00	1.00	0.00	9.79	98.65	2.00	0.00	1.00	0.00
9.80	98.55	2.00	0.00	1.00	0.00	9.81	98.90	2.00	0.00	1.00	0.00
9.82	99.79	2.00	0.00	1.00	0.00	9.83	100.53	2.00	0.00	1.00	0.00
9.84	101.10	2.00	0.00	1.00	0.00	9.85	101.34	2.00	0.00	1.00	0.00
9.86	100.93	2.00	0.00	1.00	0.00	9.87	100.07	2.00	0.00	1.00	0.00
9.88	99.21	2.00	0.00	1.00	0.00	9.89	99.24	2.00	0.00	1.00	0.00
9.90	99.30	2.00	0.00	1.00	0.00	9.91	99.16	2.00	0.00	1.00	0.00
9.92	98.77	2.00	0.00	1.00	0.00	9.93	99.54	2.00	0.00	1.00	0.00
9.94	101.30	2.00	0.00	1.00	0.00	9.95	103.68	2.00	0.00	1.00	0.00
9.96	105.44	2.00	0.00	1.00	0.00	9.97	106.53	2.00	0.00	1.00	0.00
9.98	107.46	2.00	0.00	1.00	0.00	9.99	108.52	2.00	0.00	1.00	0.00
10.00	110.43	2.00	0.00	1.00	0.00	10.01	112.55	2.00	0.00	1.00	0.00
10.02	115.10	2.00	0.00	1.00	0.00	10.03	117.14	2.00	0.00	1.00	0.00
10.04	119.35	2.00	0.00	1.00	0.00	10.05	121.08	2.00	0.00	1.00	0.00
10.06	122.02	2.00	0.00	1.00	0.00	10.07	122.21	2.00	0.00	1.00	0.00
10.08	122.96	2.00	0.00	1.00	0.00	10.09	124.21	2.00	0.00	1.00	0.00
10.10	125.17	2.00	0.00	1.00	0.00	10.11	123.98	2.00	0.00	1.00	0.00
10.12	121.88	2.00	0.00	1.00	0.00	10.13	119.51	2.00	0.00	1.00	0.00
10.14	117.99	2.00	0.00	1.00	0.00	10.15	116.79	2.00	0.00	1.00	0.00
10.16	116.54	2.00	0.00	1.00	0.00	10.17	117.38	2.00	0.00	1.00	0.00
10.18	119.07	2.00	0.00	1.00	0.00	10.19	120.83	2.00	0.00	1.00	0.00
10.20	121.69	2.00	0.00	1.00	0.00	10.21	120.38	2.00	0.00	1.00	0.00
10.22	117.54	2.00	0.00	1.00	0.00	10.23	115.00	2.00	0.00	1.00	0.00
10.24	114.49	2.00	0.00	1.00	0.00	10.25	116.96	2.00	0.00	1.00	0.00
10.26	120.87	2.00	0.00	1.00	0.00	10.27	123.15	2.00	0.00	1.00	0.00
10.28	122.61	2.00	0.00	1.00	0.00	10.29	119.70	2.00	0.00	1.00	0.00
10.30	117.58	2.00	0.00	1.00	0.00	10.31	116.13	2.00	0.00	1.00	0.00
10.32	114.89	2.00	0.00	1.00	0.00	10.33	113.56	2.00	0.00	1.00	0.00
10.34	112.05	2.00	0.00	1.00	0.00	10.35	110.93	2.00	0.00	1.00	0.00
10.36	109.89	2.00	0.00	1.00	0.00	10.37	109.25	2.00	0.00	1.00	0.00
10.38	109.09	2.00	0.00	1.00	0.00	10.39	108.64	2.00	0.00	1.00	0.00
10.40	107.76	2.00	0.00	1.00	0.00	10.41	106.51	2.00	0.00	1.00	0.00
10.42	106.15	2.00	0.00	1.00	0.00	10.43	106.76	2.00	0.00	1.00	0.00
10.44	107.55	2.00	0.00	1.00	0.00	10.45	108.04	2.00	0.00	1.00	0.00
10.46	107.46	2.00	0.00	1.00	0.00	10.47	107.10	2.00	0.00	1.00	0.00
10.48	106.97	2.00	0.00	1.00	0.00	10.49	107.07	2.00	0.00	1.00	0.00
10.50	107.02	2.00	0.00	1.00	0.00	10.51	106.79	2.00	0.00	1.00	0.00
10.52	106.76	2.00	0.00	1.00	0.00	10.53	106.40	2.00	0.00	1.00	0.00
10.54	105.21	2.00	0.00	1.00	0.00	10.55	103.63	2.00	0.00	1.00	0.00
10.56	101.34	2.00	0.00	1.00	0.00	10.57	99.34	2.00	0.00	1.00	0.00
10.58	98.02	2.00	0.00	1.00	0.00	10.59	97.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
10.60	97.48	2.00	0.00	1.00	0.00	10.61	95.49	2.00	0.00	1.00	0.00
10.62	93.15	2.00	0.00	1.00	0.00	10.63	90.87	2.00	0.00	1.00	0.00
10.64	89.71	2.00	0.00	1.00	0.00	10.65	88.58	2.00	0.00	1.00	0.00
10.66	87.60	2.00	0.00	1.00	0.00	10.67	87.18	2.00	0.00	1.00	0.00
10.68	86.60	2.00	0.00	1.00	0.00	10.69	85.96	2.00	0.00	1.00	0.00
10.70	85.31	2.00	0.00	1.00	0.00	10.71	84.62	2.00	0.00	1.00	0.00
10.72	83.68	2.00	0.00	1.00	0.00	10.73	82.42	2.00	0.00	1.00	0.00
10.74	81.56	2.00	0.00	1.00	0.00	10.75	81.02	2.00	0.00	1.00	0.00
10.76	75.89	2.00	0.00	1.00	0.00	10.77	71.58	2.00	0.00	1.00	0.00
10.78	67.09	2.00	0.00	1.00	0.00	10.79	68.12	2.00	0.00	1.00	0.00
10.80	68.16	2.00	0.00	1.00	0.00	10.81	68.33	2.00	0.00	1.00	0.00
10.82	68.70	2.00	0.00	1.00	0.00	10.83	69.11	2.00	0.00	1.00	0.00
10.84	69.39	2.00	0.00	1.00	0.00	10.85	69.48	2.00	0.00	1.00	0.00
10.86	71.38	2.00	0.00	1.00	0.00	10.87	73.88	2.00	0.00	1.00	0.00
10.88	76.75	2.00	0.00	1.00	0.00	10.89	78.30	2.00	0.00	1.00	0.00
10.90	79.77	2.00	0.00	1.00	0.00	10.91	81.39	2.00	0.00	1.00	0.00
10.92	83.22	2.00	0.00	1.00	0.00	10.93	84.32	2.00	0.00	1.00	0.00
10.94	85.25	2.00	0.00	1.00	0.00	10.95	86.75	2.00	0.00	1.00	0.00
10.96	89.69	2.00	0.00	1.00	0.00	10.97	93.34	2.00	0.00	1.00	0.00
10.98	96.36	2.00	0.00	1.00	0.00	10.99	99.45	2.00	0.00	1.00	0.00
11.00	101.98	2.00	0.00	1.00	0.00	11.01	104.15	2.00	0.00	1.00	0.00
11.02	105.56	2.00	0.00	1.00	0.00	11.03	106.91	2.00	0.00	1.00	0.00
11.04	108.66	2.00	0.00	1.00	0.00	11.05	109.99	2.00	0.00	1.00	0.00
11.06	110.85	2.00	0.00	1.00	0.00	11.07	110.41	2.00	0.00	1.00	0.00
11.08	109.49	2.00	0.00	1.00	0.00	11.09	107.74	2.00	0.00	1.00	0.00
11.10	105.28	2.00	0.00	1.00	0.00	11.11	101.94	2.00	0.00	1.00	0.00
11.12	97.86	2.00	0.00	1.00	0.00	11.13	94.47	2.00	0.00	1.00	0.00
11.14	91.56	2.00	0.00	1.00	0.00	11.15	89.40	2.00	0.00	1.00	0.00
11.16	86.67	2.00	0.00	1.00	0.00	11.17	82.36	2.00	0.00	1.00	0.00
11.18	78.43	2.00	0.00	1.00	0.00	11.19	75.20	2.00	0.00	1.00	0.00
11.20	73.83	2.00	0.00	1.00	0.00	11.21	72.49	2.00	0.00	1.00	0.00
11.22	71.23	2.00	0.00	1.00	0.00	11.23	70.71	2.00	0.00	1.00	0.00
11.24	70.24	2.00	0.00	1.00	0.00	11.25	70.06	2.00	0.00	1.00	0.00
11.26	69.28	2.00	0.00	1.00	0.00	11.27	67.97	2.00	0.00	1.00	0.00
11.28	66.06	2.00	0.00	1.00	0.00	11.29	63.45	2.00	0.00	1.00	0.00
11.30	61.38	2.00	0.00	1.00	0.00	11.31	60.06	2.00	0.00	1.00	0.00
11.32	59.84	0.42	3.56	1.00	0.04	11.33	60.16	0.42	3.54	1.00	0.04
11.34	60.29	0.42	3.54	1.00	0.04	11.35	60.31	0.42	3.54	1.00	0.04
11.36	60.24	0.42	3.54	1.00	0.04	11.37	60.15	0.42	3.54	1.00	0.04
11.38	60.05	0.42	3.55	1.00	0.04	11.39	59.71	0.42	3.57	1.00	0.04
11.40	59.42	0.42	3.58	1.00	0.04	11.41	59.66	0.42	3.57	1.00	0.04
11.42	60.39	0.42	3.53	1.00	0.04	11.43	61.19	0.43	3.50	1.00	0.03
11.44	61.69	0.43	3.47	1.00	0.03	11.45	61.84	0.43	3.47	1.00	0.03
11.46	61.94	0.43	3.46	1.00	0.03	11.47	62.48	0.43	3.44	1.00	0.03
11.48	63.54	0.44	3.39	1.00	0.03	11.49	65.42	0.45	3.31	1.00	0.03
11.50	67.70	2.00	0.00	1.00	0.00	11.51	69.40	2.00	0.00	1.00	0.00
11.52	70.36	2.00	0.00	1.00	0.00	11.53	70.99	2.00	0.00	1.00	0.00
11.54	72.24	2.00	0.00	1.00	0.00	11.55	74.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
11.56	77.46	2.00	0.00	1.00	0.00	11.57	79.63	2.00	0.00	1.00	0.00
11.58	80.19	2.00	0.00	1.00	0.00	11.59	79.72	2.00	0.00	1.00	0.00
11.60	78.95	2.00	0.00	1.00	0.00	11.61	78.52	0.53	2.85	1.00	0.03
11.62	78.69	0.53	2.84	1.00	0.03	11.63	78.88	0.53	2.84	1.00	0.03
11.64	79.01	0.53	2.83	1.00	0.03	11.65	79.11	0.53	2.83	1.00	0.03
11.66	79.39	2.00	0.00	1.00	0.00	11.67	79.77	2.00	0.00	1.00	0.00
11.68	80.70	2.00	0.00	1.00	0.00	11.69	81.67	2.00	0.00	1.00	0.00
11.70	82.55	2.00	0.00	1.00	0.00	11.71	83.52	2.00	0.00	1.00	0.00
11.72	83.94	2.00	0.00	1.00	0.00	11.73	84.28	2.00	0.00	1.00	0.00
11.74	83.91	2.00	0.00	1.00	0.00	11.75	83.88	2.00	0.00	1.00	0.00
11.76	86.92	2.00	0.00	1.00	0.00	11.77	89.66	2.00	0.00	1.00	0.00
11.78	91.93	2.00	0.00	1.00	0.00	11.79	90.89	2.00	0.00	1.00	0.00
11.80	89.60	2.00	0.00	1.00	0.00	11.81	88.65	2.00	0.00	1.00	0.00
11.82	87.84	2.00	0.00	1.00	0.00	11.83	87.25	2.00	0.00	1.00	0.00
11.84	85.32	2.00	0.00	1.00	0.00	11.85	83.06	2.00	0.00	1.00	0.00
11.86	79.89	2.00	0.00	1.00	0.00	11.87	76.54	2.00	0.00	1.00	0.00
11.88	73.46	2.00	0.00	1.00	0.00	11.89	71.54	2.00	0.00	1.00	0.00
11.90	71.04	2.00	0.00	1.00	0.00	11.91	71.31	0.49	3.08	1.00	0.03
11.92	71.78	0.49	3.07	1.00	0.03	11.93	73.94	0.50	2.99	1.00	0.03
11.94	76.68	0.52	2.91	1.00	0.03	11.95	80.24	0.55	2.80	1.00	0.03
11.96	83.47	0.58	2.71	1.00	0.03	11.97	86.90	0.61	2.62	1.00	0.03
11.98	89.47	0.63	2.56	1.00	0.03	11.99	90.84	2.00	0.00	1.00	0.00
12.00	88.50	2.00	0.00	1.00	0.00	12.01	86.05	2.00	0.00	1.00	0.00
12.02	84.08	2.00	0.00	1.00	0.00	12.03	84.13	2.00	0.00	1.00	0.00
12.04	83.81	2.00	0.00	1.00	0.00	12.05	83.70	2.00	0.00	1.00	0.00
12.06	84.08	2.00	0.00	1.00	0.00	12.07	84.24	2.00	0.00	1.00	0.00
12.08	83.56	2.00	0.00	1.00	0.00	12.09	83.52	2.00	0.00	1.00	0.00
12.10	84.44	2.00	0.00	1.00	0.00	12.11	86.39	2.00	0.00	1.00	0.00
12.12	87.98	2.00	0.00	1.00	0.00	12.13	88.34	2.00	0.00	1.00	0.00
12.14	87.28	2.00	0.00	1.00	0.00	12.15	84.41	2.00	0.00	1.00	0.00
12.16	81.58	2.00	0.00	1.00	0.00	12.17	78.99	2.00	0.00	1.00	0.00
12.18	77.58	2.00	0.00	1.00	0.00	12.19	76.29	2.00	0.00	1.00	0.00
12.20	75.45	2.00	0.00	1.00	0.00	12.21	75.38	2.00	0.00	1.00	0.00
12.22	75.96	2.00	0.00	1.00	0.00	12.23	74.81	2.00	0.00	1.00	0.00
12.24	72.17	2.00	0.00	1.00	0.00	12.25	68.23	2.00	0.00	1.00	0.00
12.26	64.55	2.00	0.00	1.00	0.00	12.27	62.06	2.00	0.00	1.00	0.00
12.28	61.37	0.44	3.49	1.00	0.03	12.29	62.90	0.45	3.42	1.00	0.03
12.30	64.65	0.46	3.34	1.00	0.03	12.31	66.17	0.46	3.28	1.00	0.03
12.32	68.91	0.48	3.17	1.00	0.03	12.33	73.00	0.51	3.02	1.00	0.03
12.34	76.84	0.53	2.90	1.00	0.03	12.35	79.37	0.55	2.82	1.00	0.03
12.36	80.04	0.56	2.80	1.00	0.03	12.37	80.42	0.56	2.79	1.00	0.03
12.38	80.80	0.56	2.78	1.00	0.03	12.39	80.64	0.56	2.79	1.00	0.03
12.40	79.89	0.56	2.81	1.00	0.03	12.41	78.46	0.55	2.85	1.00	0.03
12.42	77.32	0.54	2.89	1.00	0.03	12.43	76.70	0.53	2.90	1.00	0.03
12.44	77.01	0.54	2.89	1.00	0.03	12.45	77.72	0.54	2.87	1.00	0.03
12.46	78.77	0.55	2.84	1.00	0.03	12.47	79.90	0.56	2.81	1.00	0.03
12.48	80.06	0.56	2.80	1.00	0.03	12.49	79.11	0.55	2.83	1.00	0.03
12.50	77.30	0.54	2.89	1.00	0.03	12.51	76.28	0.53	2.92	1.00	0.03

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)	Depth (m)	Q <sub>tn,cs</sub>	FS	e <sub>v</sub> (%)	DF	Settlement (cm)
12.52	76.25	0.53	2.92	1.00	0.03	12.53	76.84	0.54	2.90	1.00	0.03
12.54	77.07	0.54	2.89	1.00	0.03	12.55	76.44	0.53	2.91	1.00	0.03
12.56	74.55	0.52	2.97	1.00	0.03	12.57	72.61	0.51	3.04	1.00	0.03
12.58	71.41	0.50	3.08	1.00	0.03	12.59	71.69	0.50	3.07	1.00	0.03
12.60	61.00	0.44	3.50	1.00	0.04	12.61	64.44	0.46	3.35	1.00	0.03
12.62	68.47	0.48	3.19	1.00	0.03	12.63	83.25	0.59	2.72	1.00	0.03
12.64	86.28	0.62	2.64	1.00	0.03	12.65	88.69	0.64	2.58	1.00	0.03
12.66	90.49	0.66	2.54	1.00	0.03	12.67	91.90	0.67	2.50	1.00	0.03
12.68	92.09	0.67	2.50	1.00	0.02	12.69	90.20	0.65	2.54	1.00	0.03
12.70	78.58	0.55	2.85	1.00	0.03	12.71	76.06	0.53	2.92	1.00	0.03
12.72	73.51	0.52	3.01	1.00	0.03	12.73	71.30	0.50	3.08	1.00	0.03
12.74	70.40	0.50	3.12	1.00	0.03	12.75	70.01	0.50	3.13	1.00	0.03
12.76	69.22	0.49	3.16	1.00	0.03	12.77	68.61	0.49	3.18	1.00	0.03
12.78	68.23	0.49	3.20	1.00	0.03	12.79	68.85	0.49	3.17	1.00	0.03
12.80	69.66	0.49	3.14	1.00	0.03	12.81	70.22	0.50	3.12	1.00	0.03
12.82	70.40	0.50	3.12	1.00	0.03	12.83	69.87	0.50	3.14	1.00	0.03
12.84	69.08	0.49	3.16	1.00	0.03	12.85	68.17	0.49	3.20	1.00	0.03
12.86	67.41	0.48	3.23	1.00	0.03	12.87	66.93	0.48	3.25	1.00	0.03
12.88	67.01	0.48	3.24	1.00	0.03	12.89	67.56	0.48	3.22	1.00	0.03
12.90	68.43	0.49	3.19	1.00	0.03	12.91	69.37	0.50	3.15	1.00	0.03
12.92	70.51	0.50	3.11	1.00	0.03	12.93	71.46	0.51	3.08	1.00	0.03
12.94	72.14	0.51	3.05	1.00	0.03	12.95	72.32	0.51	3.05	1.00	0.03
12.96	72.21	0.51	3.05	1.00	0.03	12.97	71.76	0.51	3.07	1.00	0.03
12.98	71.20	0.51	3.09	1.00	0.03	12.99	70.86	0.51	3.10	1.00	0.03
13.00	70.84	0.51	3.10	1.00	0.03	13.01	71.10	0.51	3.09	1.00	0.03
13.02	71.59	0.51	3.07	1.00	0.03	13.03	72.05	0.51	3.06	1.00	0.03
13.04	72.29	0.52	3.05	1.00	0.03	13.05	72.30	0.52	3.05	1.00	0.03
13.06	72.37	0.52	3.05	1.00	0.03	13.07	72.51	0.52	3.04	1.00	0.03
13.08	72.51	0.52	3.04	1.00	0.03	13.09	72.33	0.52	3.05	1.00	0.03
13.10	71.96	0.52	3.06	1.00	0.03	13.11	71.49	0.51	3.08	1.00	0.03
13.12	70.77	0.51	3.10	1.00	0.03	13.13	70.01	0.50	3.13	1.00	0.03
13.14	69.11	0.50	3.16	1.00	0.03	13.15	67.76	0.49	3.22	1.00	0.03
13.16	66.17	0.48	3.28	1.00	0.03	13.17	64.58	0.47	3.34	1.00	0.03
13.18	63.31	0.47	3.40	1.00	0.03	13.19	62.33	0.46	3.44	1.00	0.03
13.20	61.60	0.46	3.48	1.00	0.03	13.21	61.23	0.46	3.49	1.00	0.03
13.22	60.93	0.46	3.51	1.00	0.04	13.23	73.32	0.53	3.01	1.00	0.03
13.24	73.06	0.53	3.02	1.00	0.03	13.25	72.57	0.52	3.04	1.00	0.03
13.26	71.63	0.52	3.07	1.00	0.03	13.27	70.44	0.51	3.11	1.00	0.03
13.28	69.04	0.50	3.17	1.00	0.03	13.29	67.28	0.49	3.23	1.00	0.03
13.30	65.56	0.48	3.30	1.00	0.03	13.31	63.99	0.47	3.37	1.00	0.03
13.32	62.85	0.47	3.42	1.00	0.03	13.33	61.94	0.46	3.46	1.00	0.03
13.34	61.27	0.46	3.49	1.00	0.03	13.35	60.75	0.46	3.52	1.00	0.04
13.36	60.43	0.46	3.53	1.00	0.04	13.37	60.20	0.46	3.54	1.00	0.04
13.38	60.30	0.46	3.54	1.00	0.04	13.39	60.42	0.46	3.53	1.00	0.04
13.40	60.49	0.46	3.53	1.00	0.04	13.41	60.31	0.46	3.54	1.00	0.04
13.42	59.89	0.46	3.56	1.00	0.04	13.43	59.10	0.45	3.60	1.00	0.04
13.44	58.19	0.45	3.64	1.00	0.04	13.45	57.21	0.44	3.69	1.00	0.04
13.46	39.52	0.38	5.00	1.00	0.05	13.47	39.79	0.38	4.97	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
13.48	40.20	0.38	4.93	1.00	0.05	13.49	40.59	0.38	4.89	1.00	0.05
13.50	41.09	0.38	4.85	1.00	0.05	13.51	41.56	0.39	4.80	1.00	0.05
13.52	42.00	0.39	4.76	1.00	0.05	13.53	42.34	0.39	4.73	1.00	0.05
13.54	42.61	0.39	4.70	1.00	0.05	13.55	42.80	0.39	4.69	1.00	0.05
13.56	42.89	0.39	4.68	1.00	0.05	13.57	42.97	0.39	4.67	1.00	0.05
13.58	43.02	0.39	4.67	1.00	0.05	13.59	43.13	0.39	4.66	1.00	0.05
13.60	43.24	0.39	4.65	1.00	0.05	13.61	43.42	0.40	4.63	1.00	0.05
13.62	43.61	0.40	4.61	1.00	0.05	13.63	43.90	0.40	4.59	1.00	0.05
13.64	44.26	0.40	4.56	1.00	0.05	13.65	44.84	0.40	4.51	1.00	0.05
13.66	45.45	0.40	4.46	1.00	0.04	13.67	46.06	0.41	4.41	1.00	0.04
13.68	46.85	0.41	4.35	1.00	0.04	13.69	47.78	0.41	4.28	1.00	0.04
13.70	49.09	0.42	4.19	1.00	0.04	13.71	50.08	0.42	4.12	1.00	0.04
13.72	50.86	0.43	4.07	1.00	0.04	13.73	51.11	0.43	4.05	1.00	0.04
13.74	51.19	0.43	4.05	1.00	0.04	13.75	50.49	0.42	4.09	1.00	0.04
13.76	49.58	0.42	4.15	1.00	0.04	13.77	48.53	0.42	4.23	1.00	0.04
13.78	47.95	0.42	4.27	1.00	0.04	13.79	47.58	0.41	4.30	1.00	0.04
13.80	47.39	0.41	4.31	1.00	0.04	13.81	47.44	0.41	4.31	1.00	0.04
13.82	47.77	0.42	4.28	1.00	0.04	13.83	48.41	0.42	4.24	1.00	0.04
13.84	49.23	0.42	4.18	1.00	0.04	13.85	50.01	0.42	4.12	1.00	0.04
13.86	51.21	0.43	4.04	1.00	0.04	13.87	52.76	0.43	3.95	1.00	0.04
13.88	54.69	0.44	3.83	1.00	0.04	13.89	57.12	0.45	3.70	1.00	0.04
13.90	59.55	0.46	3.57	1.00	0.04	13.91	61.76	0.47	3.47	1.00	0.03
13.92	63.26	0.48	3.40	1.00	0.03	13.93	64.20	0.49	3.36	1.00	0.03
13.94	64.66	0.49	3.34	1.00	0.03	13.95	64.41	0.49	3.35	1.00	0.03
13.96	64.16	0.49	3.36	1.00	0.03	13.97	63.95	0.49	3.37	1.00	0.03
13.98	64.06	0.49	3.37	1.00	0.03	13.99	64.40	0.49	3.35	1.00	0.03
14.00	65.10	0.49	3.32	1.00	0.03	14.01	66.14	0.50	3.28	1.00	0.03
14.02	67.11	0.50	3.24	1.00	0.03	14.03	67.88	0.51	3.21	1.00	0.03
14.04	67.88	0.51	3.21	1.00	0.03	14.05	67.48	0.51	3.23	1.00	0.03
14.06	66.67	0.50	3.26	1.00	0.03	14.07	65.38	0.50	3.31	1.00	0.03
14.08	63.85	0.49	3.38	1.00	0.03	14.09	62.04	0.48	3.46	1.00	0.03
14.10	60.44	0.47	3.53	1.00	0.04	14.11	71.57	0.53	3.07	1.00	0.03
14.12	70.58	0.53	3.11	1.00	0.03	14.13	69.69	0.52	3.14	1.00	0.03
14.14	69.38	0.52	3.15	1.00	0.03	14.15	69.53	0.52	3.15	1.00	0.03
14.16	69.92	0.53	3.13	1.00	0.03	14.17	70.35	0.53	3.12	1.00	0.03
14.18	70.53	0.53	3.11	1.00	0.03	14.19	70.66	0.53	3.11	1.00	0.03
14.20	70.80	0.53	3.10	1.00	0.03	14.21	71.01	0.53	3.09	1.00	0.03
14.22	71.26	0.54	3.09	1.00	0.03	14.23	71.53	0.54	3.08	1.00	0.03
14.24	71.98	0.54	3.06	1.00	0.03	14.25	72.45	0.54	3.04	1.00	0.03
14.26	60.74	0.48	3.52	1.00	0.04	14.27	61.86	0.48	3.46	1.00	0.03
14.28	62.88	0.49	3.42	1.00	0.03	14.29	63.80	0.49	3.38	1.00	0.03
14.30	64.24	0.50	3.36	1.00	0.03	14.31	64.41	0.50	3.35	1.00	0.03
14.32	64.34	0.50	3.35	1.00	0.03	14.33	63.76	0.49	3.38	1.00	0.03
14.34	63.02	0.49	3.41	1.00	0.03	14.35	62.17	0.49	3.45	1.00	0.03
14.36	61.49	0.48	3.48	1.00	0.03	14.37	60.95	0.48	3.51	1.00	0.04
14.38	60.71	0.48	3.52	1.00	0.04	14.39	60.92	0.48	3.51	1.00	0.04
14.40	61.36	0.48	3.49	1.00	0.03	14.41	61.91	0.49	3.46	1.00	0.03
14.42	62.35	0.49	3.44	1.00	0.03	14.43	62.42	0.49	3.44	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
14.44	62.16	0.49	3.45	1.00	0.03	14.45	61.65	0.48	3.47	1.00	0.03
14.46	60.88	0.48	3.51	1.00	0.04	14.47	59.96	0.48	3.55	1.00	0.04
14.48	58.95	0.47	3.60	1.00	0.04	14.49	57.76	0.47	3.66	1.00	0.04
14.50	56.44	0.46	3.73	1.00	0.04	14.51	54.99	0.46	3.82	1.00	0.04
14.52	53.80	0.45	3.88	1.00	0.04	14.53	66.40	0.51	3.27	1.00	0.03
14.54	65.36	0.51	3.31	1.00	0.03	14.55	64.13	0.50	3.36	1.00	0.03
14.56	63.16	0.50	3.41	1.00	0.03	14.57	62.19	0.49	3.45	1.00	0.03
14.58	61.29	0.49	3.49	1.00	0.03	14.59	60.55	0.48	3.53	1.00	0.04
14.60	60.00	0.48	3.55	1.00	0.04	14.61	59.71	0.48	3.57	1.00	0.04
14.62	59.53	0.48	3.58	1.00	0.04	14.63	59.49	0.48	3.58	1.00	0.04
14.64	59.62	0.48	3.57	1.00	0.04	14.65	59.95	0.48	3.55	1.00	0.04
14.66	60.81	0.49	3.51	1.00	0.04	14.67	61.94	0.49	3.46	1.00	0.03
14.68	63.34	0.50	3.40	1.00	0.03	14.69	64.49	0.51	3.35	1.00	0.03
14.70	65.31	0.51	3.31	1.00	0.03	14.71	65.75	0.51	3.30	1.00	0.03
14.72	65.85	0.51	3.29	1.00	0.03	14.73	65.89	0.51	3.29	1.00	0.03
14.74	50.90	0.45	4.07	1.00	0.04	14.75	54.07	0.46	3.87	1.00	0.04
14.76	58.24	0.48	3.64	1.00	0.04	14.77	62.45	0.50	3.44	1.00	0.03
14.78	66.72	0.52	3.26	1.00	0.03	14.79	70.90	0.55	3.10	1.00	0.03
14.80	74.03	0.57	2.99	1.00	0.03	14.81	76.31	0.59	2.92	1.00	0.03
14.82	77.73	0.60	2.87	1.00	0.03	14.83	77.93	0.60	2.87	1.00	0.03
14.84	77.43	0.60	2.88	1.00	0.03	14.85	76.56	0.59	2.91	1.00	0.03
14.86	75.49	0.58	2.94	1.00	0.03	14.87	74.29	0.57	2.98	1.00	0.03
14.88	73.19	0.57	3.02	1.00	0.03	14.89	72.12	0.56	3.05	1.00	0.03
14.90	71.25	0.55	3.09	1.00	0.03	14.91	70.49	0.55	3.11	1.00	0.03
14.92	69.82	0.54	3.14	1.00	0.03	14.93	69.59	0.54	3.15	1.00	0.03
14.94	69.63	0.54	3.14	1.00	0.03	14.95	70.13	0.55	3.13	1.00	0.03
14.96	71.78	0.56	3.07	1.00	0.03	14.97	74.09	0.57	2.99	1.00	0.03
14.98	77.06	0.60	2.89	1.00	0.03	14.99	80.27	0.63	2.80	1.00	0.03
15.00	85.42	0.67	2.66	1.00	0.03	15.01	90.86	2.00	0.00	1.00	0.00
15.02	96.02	2.00	0.00	1.00	0.00	15.03	100.08	2.00	0.00	1.00	0.00
15.04	103.57	2.00	0.00	1.00	0.00	15.05	106.06	2.00	0.00	1.00	0.00
15.06	106.62	2.00	0.00	1.00	0.00	15.07	105.54	2.00	0.00	1.00	0.00
15.08	104.03	2.00	0.00	1.00	0.00	15.09	102.42	2.00	0.00	1.00	0.00
15.10	100.85	2.00	0.00	1.00	0.00	15.11	98.91	2.00	0.00	1.00	0.00
15.12	96.71	2.00	0.00	1.00	0.00	15.13	93.77	2.00	0.00	1.00	0.00
15.14	90.80	2.00	0.00	1.00	0.00	15.15	87.99	2.00	0.00	1.00	0.00
15.16	86.32	2.00	0.00	1.00	0.00	15.17	85.48	2.00	0.00	1.00	0.00
15.18	85.54	2.00	0.00	1.00	0.00	15.19	87.26	2.00	0.00	1.00	0.00
15.20	89.71	2.00	0.00	1.00	0.00	15.21	92.63	2.00	0.00	1.00	0.00
15.22	96.05	2.00	0.00	1.00	0.00	15.23	99.60	2.00	0.00	1.00	0.00
15.24	103.28	2.00	0.00	1.00	0.00	15.25	106.16	2.00	0.00	1.00	0.00
15.26	110.09	2.00	0.00	1.00	0.00	15.27	114.18	2.00	0.00	1.00	0.00
15.28	118.37	2.00	0.00	1.00	0.00	15.29	121.96	2.00	0.00	1.00	0.00
15.30	124.79	2.00	0.00	1.00	0.00	15.31	126.88	2.00	0.00	1.00	0.00
15.32	127.69	2.00	0.00	1.00	0.00	15.33	128.20	2.00	0.00	1.00	0.00
15.34	128.41	2.00	0.00	1.00	0.00	15.35	128.22	2.00	0.00	1.00	0.00
15.36	127.54	2.00	0.00	1.00	0.00	15.37	126.86	2.00	0.00	1.00	0.00
15.38	126.38	2.00	0.00	1.00	0.00	15.39	125.94	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
15.40	125.26	2.00	0.00	1.00	0.00	15.41	124.15	2.00	0.00	1.00	0.00
15.42	122.88	2.00	0.00	1.00	0.00	15.43	121.68	2.00	0.00	1.00	0.00
15.44	120.58	2.00	0.00	1.00	0.00	15.45	118.82	2.00	0.00	1.00	0.00
15.46	116.57	2.00	0.00	1.00	0.00	15.47	114.23	2.00	0.00	1.00	0.00
15.48	112.24	2.00	0.00	1.00	0.00	15.49	110.54	2.00	0.00	1.00	0.00
15.50	108.74	2.00	0.00	1.00	0.00	15.51	106.72	2.00	0.00	1.00	0.00
15.52	104.50	2.00	0.00	1.00	0.00	15.53	102.28	2.00	0.00	1.00	0.00
15.54	99.80	2.00	0.00	1.00	0.00	15.55	97.19	2.00	0.00	1.00	0.00
15.56	94.35	2.00	0.00	1.00	0.00	15.57	91.38	2.00	0.00	1.00	0.00
15.58	97.03	2.00	0.00	1.00	0.00	15.59	95.01	2.00	0.00	1.00	0.00
15.60	93.07	2.00	0.00	1.00	0.00	15.61	91.30	2.00	0.00	1.00	0.00
15.62	89.81	2.00	0.00	1.00	0.00	15.63	88.96	2.00	0.00	1.00	0.00
15.64	88.36	2.00	0.00	1.00	0.00	15.65	87.92	2.00	0.00	1.00	0.00
15.66	87.60	2.00	0.00	1.00	0.00	15.67	87.47	2.00	0.00	1.00	0.00
15.68	87.25	2.00	0.00	1.00	0.00	15.69	86.74	2.00	0.00	1.00	0.00
15.70	85.50	2.00	0.00	1.00	0.00	15.71	83.50	2.00	0.00	1.00	0.00
15.72	81.41	2.00	0.00	1.00	0.00	15.73	80.02	2.00	0.00	1.00	0.00
15.74	79.50	2.00	0.00	1.00	0.00	15.75	75.25	2.00	0.00	1.00	0.00
15.76	70.59	2.00	0.00	1.00	0.00	15.77	65.45	2.00	0.00	1.00	0.00
15.78	64.42	2.00	0.00	1.00	0.00	15.79	63.45	2.00	0.00	1.00	0.00
15.80	62.26	2.00	0.00	1.00	0.00	15.81	61.17	2.00	0.00	1.00	0.00
15.82	60.66	2.00	0.00	1.00	0.00	15.83	61.34	2.00	0.00	1.00	0.00
15.84	62.28	2.00	0.00	1.00	0.00	15.85	62.97	2.00	0.00	1.00	0.00
15.86	63.62	2.00	0.00	1.00	0.00	15.87	64.43	2.00	0.00	1.00	0.00
15.88	65.54	2.00	0.00	1.00	0.00	15.89	66.48	2.00	0.00	1.00	0.00
15.90	68.24	2.00	0.00	1.00	0.00	15.91	70.00	2.00	0.00	1.00	0.00
15.92	71.67	2.00	0.00	1.00	0.00	15.93	72.73	2.00	0.00	1.00	0.00
15.94	73.73	2.00	0.00	1.00	0.00	15.95	74.59	2.00	0.00	1.00	0.00
15.96	73.08	2.00	0.00	1.00	0.00	15.97	69.97	2.00	0.00	1.00	0.00
15.98	65.53	2.00	0.00	1.00	0.00	15.99	63.18	2.00	0.00	1.00	0.00
16.00	62.42	2.00	0.00	1.00	0.00	16.01	63.14	2.00	0.00	1.00	0.00
16.02	64.77	2.00	0.00	1.00	0.00	16.03	66.66	2.00	0.00	1.00	0.00
16.04	68.93	2.00	0.00	1.00	0.00	16.05	72.53	2.00	0.00	1.00	0.00
16.06	76.67	2.00	0.00	1.00	0.00	16.07	80.55	2.00	0.00	1.00	0.00
16.08	82.71	2.00	0.00	1.00	0.00	16.09	83.93	2.00	0.00	1.00	0.00
16.10	84.16	2.00	0.00	1.00	0.00	16.11	82.53	2.00	0.00	1.00	0.00
16.12	80.17	2.00	0.00	1.00	0.00	16.13	76.90	2.00	0.00	1.00	0.00
16.14	72.61	2.00	0.00	1.00	0.00	16.15	67.98	2.00	0.00	1.00	0.00
16.16	63.61	2.00	0.00	1.00	0.00	16.17	60.35	2.00	0.00	1.00	0.00
16.18	57.81	2.00	0.00	1.00	0.00	16.19	56.68	2.00	0.00	1.00	0.00
16.20	58.75	2.00	0.00	1.00	0.00	16.21	61.67	2.00	0.00	1.00	0.00
16.22	64.89	2.00	0.00	1.00	0.00	16.23	67.89	2.00	0.00	1.00	0.00
16.24	70.74	2.00	0.00	1.00	0.00	16.25	73.60	2.00	0.00	1.00	0.00
16.26	75.59	2.00	0.00	1.00	0.00	16.27	76.45	2.00	0.00	1.00	0.00
16.28	75.44	2.00	0.00	1.00	0.00	16.29	72.15	2.00	0.00	1.00	0.00
16.30	68.68	2.00	0.00	1.00	0.00	16.31	65.94	2.00	0.00	1.00	0.00
16.32	64.08	2.00	0.00	1.00	0.00	16.33	62.47	2.00	0.00	1.00	0.00
16.34	46.58	2.00	0.00	1.00	0.00	16.35	47.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
16.36	49.07	2.00	0.00	1.00	0.00	16.37	51.26	2.00	0.00	1.00	0.00
16.38	54.50	2.00	0.00	1.00	0.00	16.39	58.12	2.00	0.00	1.00	0.00
16.40	61.89	2.00	0.00	1.00	0.00	16.41	65.74	2.00	0.00	1.00	0.00
16.42	69.22	2.00	0.00	1.00	0.00	16.43	72.21	2.00	0.00	1.00	0.00
16.44	73.72	2.00	0.00	1.00	0.00	16.45	74.51	2.00	0.00	1.00	0.00
16.46	74.79	2.00	0.00	1.00	0.00	16.47	74.60	2.00	0.00	1.00	0.00
16.48	74.33	2.00	0.00	1.00	0.00	16.49	73.78	2.00	0.00	1.00	0.00
16.50	72.62	2.00	0.00	1.00	0.00	16.51	71.52	2.00	0.00	1.00	0.00
16.52	70.74	2.00	0.00	1.00	0.00	16.53	70.50	2.00	0.00	1.00	0.00
16.54	70.14	2.00	0.00	1.00	0.00	16.55	69.58	2.00	0.00	1.00	0.00
16.56	68.84	2.00	0.00	1.00	0.00	16.57	68.20	2.00	0.00	1.00	0.00
16.58	67.35	2.00	0.00	1.00	0.00	16.59	78.06	2.00	0.00	1.00	0.00
16.60	76.87	2.00	0.00	1.00	0.00	16.61	75.47	2.00	0.00	1.00	0.00
16.62	73.67	2.00	0.00	1.00	0.00	16.63	71.74	2.00	0.00	1.00	0.00
16.64	69.60	2.00	0.00	1.00	0.00	16.65	67.22	2.00	0.00	1.00	0.00
16.66	65.29	2.00	0.00	1.00	0.00	16.67	64.36	2.00	0.00	1.00	0.00
16.68	65.33	2.00	0.00	1.00	0.00	16.69	67.73	2.00	0.00	1.00	0.00
16.70	71.01	2.00	0.00	1.00	0.00	16.71	75.23	2.00	0.00	1.00	0.00
16.72	78.51	2.00	0.00	1.00	0.00	16.73	80.76	2.00	0.00	1.00	0.00
16.74	82.89	2.00	0.00	1.00	0.00	16.75	86.96	2.00	0.00	1.00	0.00
16.76	91.31	2.00	0.00	1.00	0.00	16.77	94.37	2.00	0.00	1.00	0.00
16.78	95.46	2.00	0.00	1.00	0.00	16.79	95.40	2.00	0.00	1.00	0.00
16.80	93.85	2.00	0.00	1.00	0.00	16.81	92.24	2.00	0.00	1.00	0.00
16.82	90.94	2.00	0.00	1.00	0.00	16.83	89.83	2.00	0.00	1.00	0.00
16.84	88.50	2.00	0.00	1.00	0.00	16.85	86.75	2.00	0.00	1.00	0.00
16.86	84.05	2.00	0.00	1.00	0.00	16.87	80.84	2.00	0.00	1.00	0.00
16.88	77.07	2.00	0.00	1.00	0.00	16.89	72.92	2.00	0.00	1.00	0.00
16.90	68.94	2.00	0.00	1.00	0.00	16.91	65.45	2.00	0.00	1.00	0.00
16.92	63.54	2.00	0.00	1.00	0.00	16.93	62.31	2.00	0.00	1.00	0.00
16.94	61.73	2.00	0.00	1.00	0.00	16.95	61.81	2.00	0.00	1.00	0.00
16.96	62.04	2.00	0.00	1.00	0.00	16.97	62.48	2.00	0.00	1.00	0.00
16.98	63.11	2.00	0.00	1.00	0.00	16.99	64.37	2.00	0.00	1.00	0.00
17.00	65.82	2.00	0.00	1.00	0.00	17.01	67.33	2.00	0.00	1.00	0.00
17.02	68.77	2.00	0.00	1.00	0.00	17.03	70.07	2.00	0.00	1.00	0.00
17.04	71.23	2.00	0.00	1.00	0.00	17.05	71.93	2.00	0.00	1.00	0.00
17.06	72.56	2.00	0.00	1.00	0.00	17.07	73.13	2.00	0.00	1.00	0.00
17.08	73.63	2.00	0.00	1.00	0.00	17.09	73.96	2.00	0.00	1.00	0.00
17.10	74.09	2.00	0.00	1.00	0.00	17.11	74.21	2.00	0.00	1.00	0.00
17.12	74.34	2.00	0.00	1.00	0.00	17.13	74.52	2.00	0.00	1.00	0.00
17.14	74.42	2.00	0.00	1.00	0.00	17.15	74.23	2.00	0.00	1.00	0.00
17.16	74.16	2.00	0.00	1.00	0.00	17.17	74.37	2.00	0.00	1.00	0.00
17.18	74.74	2.00	0.00	1.00	0.00	17.19	75.13	2.00	0.00	1.00	0.00
17.20	75.51	2.00	0.00	1.00	0.00	17.21	76.45	2.00	0.00	1.00	0.00
17.22	77.43	2.00	0.00	1.00	0.00	17.23	78.42	2.00	0.00	1.00	0.00
17.24	79.19	2.00	0.00	1.00	0.00	17.25	79.81	2.00	0.00	1.00	0.00
17.26	80.17	2.00	0.00	1.00	0.00	17.27	80.17	2.00	0.00	1.00	0.00
17.28	80.15	2.00	0.00	1.00	0.00	17.29	80.25	2.00	0.00	1.00	0.00
17.30	80.39	2.00	0.00	1.00	0.00	17.31	80.50	2.00	0.00	1.00	0.00



<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
17.32	80.61	2.00	0.00	1.00	0.00	17.33	80.61	2.00	0.00	1.00	0.00
17.34	80.69	2.00	0.00	1.00	0.00	17.35	80.80	2.00	0.00	1.00	0.00
17.36	80.90	2.00	0.00	1.00	0.00	17.37	80.91	2.00	0.00	1.00	0.00
17.38	80.92	2.00	0.00	1.00	0.00	17.39	80.98	2.00	0.00	1.00	0.00
17.40	81.34	2.00	0.00	1.00	0.00	17.41	81.61	2.00	0.00	1.00	0.00
17.42	81.91	2.00	0.00	1.00	0.00	17.43	81.93	2.00	0.00	1.00	0.00
17.44	81.94	2.00	0.00	1.00	0.00	17.45	81.88	2.00	0.00	1.00	0.00
17.46	81.80	2.00	0.00	1.00	0.00	17.47	81.62	2.00	0.00	1.00	0.00
17.48	81.31	2.00	0.00	1.00	0.00	17.49	80.88	2.00	0.00	1.00	0.00
17.50	80.50	2.00	0.00	1.00	0.00	17.51	80.23	2.00	0.00	1.00	0.00
17.52	79.99	2.00	0.00	1.00	0.00	17.53	79.83	2.00	0.00	1.00	0.00
17.54	79.82	2.00	0.00	1.00	0.00	17.55	80.14	2.00	0.00	1.00	0.00
17.56	80.61	2.00	0.00	1.00	0.00	17.57	81.12	2.00	0.00	1.00	0.00
17.58	81.62	2.00	0.00	1.00	0.00	17.59	82.17	2.00	0.00	1.00	0.00
17.60	82.64	2.00	0.00	1.00	0.00	17.61	83.06	2.00	0.00	1.00	0.00
17.62	83.58	2.00	0.00	1.00	0.00	17.63	84.12	2.00	0.00	1.00	0.00
17.64	84.54	2.00	0.00	1.00	0.00	17.65	84.80	2.00	0.00	1.00	0.00
17.66	85.00	2.00	0.00	1.00	0.00	17.67	85.33	2.00	0.00	1.00	0.00
17.68	85.83	2.00	0.00	1.00	0.00	17.69	86.21	2.00	0.00	1.00	0.00
17.70	86.34	2.00	0.00	1.00	0.00	17.71	86.14	2.00	0.00	1.00	0.00
17.72	85.95	2.00	0.00	1.00	0.00	17.73	85.84	2.00	0.00	1.00	0.00
17.74	84.87	2.00	0.00	1.00	0.00	17.75	83.87	2.00	0.00	1.00	0.00
17.76	83.14	2.00	0.00	1.00	0.00	17.77	83.58	2.00	0.00	1.00	0.00
17.78	84.20	2.00	0.00	1.00	0.00	17.79	84.86	2.00	0.00	1.00	0.00
17.80	85.55	2.00	0.00	1.00	0.00	17.81	86.12	2.00	0.00	1.00	0.00
17.82	86.72	2.00	0.00	1.00	0.00	17.83	87.34	2.00	0.00	1.00	0.00
17.84	88.14	2.00	0.00	1.00	0.00	17.85	89.13	2.00	0.00	1.00	0.00
17.86	90.23	2.00	0.00	1.00	0.00	17.87	91.27	2.00	0.00	1.00	0.00
17.88	92.11	2.00	0.00	1.00	0.00	17.89	92.85	2.00	0.00	1.00	0.00
17.90	93.61	2.00	0.00	1.00	0.00	17.91	94.06	2.00	0.00	1.00	0.00
17.92	94.33	2.00	0.00	1.00	0.00	17.93	94.57	2.00	0.00	1.00	0.00
17.94	94.98	2.00	0.00	1.00	0.00	17.95	95.51	2.00	0.00	1.00	0.00
17.96	96.13	2.00	0.00	1.00	0.00	17.97	96.54	2.00	0.00	1.00	0.00
17.98	96.95	2.00	0.00	1.00	0.00	17.99	97.78	2.00	0.00	1.00	0.00
18.00	98.90	2.00	0.00	1.00	0.00	18.01	100.15	2.00	0.00	1.00	0.00
18.02	101.00	2.00	0.00	1.00	0.00	18.03	101.70	2.00	0.00	1.00	0.00
18.04	102.14	2.00	0.00	1.00	0.00	18.05	102.83	2.00	0.00	1.00	0.00
18.06	103.46	2.00	0.00	1.00	0.00	18.07	104.11	2.00	0.00	1.00	0.00
18.08	104.05	2.00	0.00	1.00	0.00	18.09	103.79	2.00	0.00	1.00	0.00
18.10	103.27	2.00	0.00	1.00	0.00	18.11	102.74	2.00	0.00	1.00	0.00
18.12	102.19	2.00	0.00	1.00	0.00	18.13	101.52	2.00	0.00	1.00	0.00
18.14	100.78	2.00	0.00	1.00	0.00	18.15	100.18	2.00	0.00	1.00	0.00
18.16	99.84	2.00	0.00	1.00	0.00	18.17	99.63	2.00	0.00	1.00	0.00
18.18	99.38	2.00	0.00	1.00	0.00	18.19	98.97	2.00	0.00	1.00	0.00
18.20	98.66	2.00	0.00	1.00	0.00	18.21	98.41	2.00	0.00	1.00	0.00
18.22	98.56	2.00	0.00	1.00	0.00	18.23	98.96	2.00	0.00	1.00	0.00
18.24	99.55	2.00	0.00	1.00	0.00	18.25	99.99	2.00	0.00	1.00	0.00
18.26	100.38	2.00	0.00	1.00	0.00	18.27	100.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
18.28	100.62	2.00	0.00	1.00	0.00	18.29	100.42	2.00	0.00	1.00	0.00
18.30	100.04	2.00	0.00	1.00	0.00	18.31	99.65	2.00	0.00	1.00	0.00
18.32	99.18	2.00	0.00	1.00	0.00	18.33	98.32	2.00	0.00	1.00	0.00
18.34	97.29	2.00	0.00	1.00	0.00	18.35	96.24	2.00	0.00	1.00	0.00
18.36	95.19	2.00	0.00	1.00	0.00	18.37	94.12	2.00	0.00	1.00	0.00
18.38	92.91	2.00	0.00	1.00	0.00	18.39	91.52	2.00	0.00	1.00	0.00
18.40	90.09	2.00	0.00	1.00	0.00	18.41	88.90	2.00	0.00	1.00	0.00
18.42	87.57	2.00	0.00	1.00	0.00	18.43	86.40	2.00	0.00	1.00	0.00
18.44	84.96	2.00	0.00	1.00	0.00	18.45	84.01	2.00	0.00	1.00	0.00
18.46	83.40	2.00	0.00	1.00	0.00	18.47	83.05	2.00	0.00	1.00	0.00
18.48	82.58	2.00	0.00	1.00	0.00	18.49	81.84	2.00	0.00	1.00	0.00
18.50	81.03	2.00	0.00	1.00	0.00	18.51	80.32	2.00	0.00	1.00	0.00
18.52	79.17	2.00	0.00	1.00	0.00	18.53	77.86	2.00	0.00	1.00	0.00
18.54	76.72	2.00	0.00	1.00	0.00	18.55	75.48	2.00	0.00	1.00	0.00
18.56	74.25	2.00	0.00	1.00	0.00	18.57	73.18	2.00	0.00	1.00	0.00
18.58	72.81	2.00	0.00	1.00	0.00	18.59	72.41	2.00	0.00	1.00	0.00
18.60	71.65	2.00	0.00	1.00	0.00	18.61	71.18	2.00	0.00	1.00	0.00
18.62	71.29	2.00	0.00	1.00	0.00	18.63	71.89	2.00	0.00	1.00	0.00
18.64	72.13	2.00	0.00	1.00	0.00	18.65	72.17	2.00	0.00	1.00	0.00
18.66	72.31	2.00	0.00	1.00	0.00	18.67	72.77	2.00	0.00	1.00	0.00
18.68	73.29	2.00	0.00	1.00	0.00	18.69	73.90	2.00	0.00	1.00	0.00
18.70	74.32	2.00	0.00	1.00	0.00	18.71	74.68	2.00	0.00	1.00	0.00
18.72	74.83	2.00	0.00	1.00	0.00	18.73	74.87	2.00	0.00	1.00	0.00
18.74	72.53	2.00	0.00	1.00	0.00	18.75	70.75	2.00	0.00	1.00	0.00
18.76	69.35	2.00	0.00	1.00	0.00	18.77	70.06	2.00	0.00	1.00	0.00
18.78	70.22	2.00	0.00	1.00	0.00	18.79	70.04	2.00	0.00	1.00	0.00
18.80	70.27	2.00	0.00	1.00	0.00	18.81	70.28	2.00	0.00	1.00	0.00
18.82	70.16	2.00	0.00	1.00	0.00	18.83	69.80	2.00	0.00	1.00	0.00
18.84	69.67	2.00	0.00	1.00	0.00	18.85	69.77	2.00	0.00	1.00	0.00
18.86	69.90	2.00	0.00	1.00	0.00	18.87	69.57	2.00	0.00	1.00	0.00
18.88	68.87	2.00	0.00	1.00	0.00	18.89	67.91	2.00	0.00	1.00	0.00
18.90	67.18	2.00	0.00	1.00	0.00	18.91	66.62	2.00	0.00	1.00	0.00
18.92	66.55	2.00	0.00	1.00	0.00	18.93	66.71	2.00	0.00	1.00	0.00
18.94	66.63	2.00	0.00	1.00	0.00	18.95	65.39	2.00	0.00	1.00	0.00
18.96	62.76	2.00	0.00	1.00	0.00	18.97	58.68	2.00	0.00	1.00	0.00
18.98	55.81	2.00	0.00	1.00	0.00	18.99	54.88	2.00	0.00	1.00	0.00
19.00	59.58	2.00	0.00	1.00	0.00	19.01	64.93	2.00	0.00	1.00	0.00
19.02	69.97	2.00	0.00	1.00	0.00	19.03	72.31	2.00	0.00	1.00	0.00
19.04	73.75	2.00	0.00	1.00	0.00	19.05	74.75	2.00	0.00	1.00	0.00
19.06	74.44	2.00	0.00	1.00	0.00	19.07	73.97	2.00	0.00	1.00	0.00
19.08	73.55	2.00	0.00	1.00	0.00	19.09	74.64	2.00	0.00	1.00	0.00
19.10	76.20	2.00	0.00	1.00	0.00	19.11	78.01	2.00	0.00	1.00	0.00
19.12	79.31	2.00	0.00	1.00	0.00	19.13	80.09	2.00	0.00	1.00	0.00
19.14	80.08	2.00	0.00	1.00	0.00	19.15	77.28	2.00	0.00	1.00	0.00
19.16	73.34	2.00	0.00	1.00	0.00	19.17	69.10	2.00	0.00	1.00	0.00
19.18	67.12	2.00	0.00	1.00	0.00	19.19	66.43	2.00	0.00	1.00	0.00
19.20	66.63	2.00	0.00	1.00	0.00	19.21	67.88	2.00	0.00	1.00	0.00
19.22	69.60	2.00	0.00	1.00	0.00	19.23	72.10	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
19.24	74.34	2.00	0.00	1.00	0.00	19.25	76.41	2.00	0.00	1.00	0.00
19.26	77.75	2.00	0.00	1.00	0.00	19.27	78.99	2.00	0.00	1.00	0.00
19.28	80.11	2.00	0.00	1.00	0.00	19.29	81.27	2.00	0.00	1.00	0.00
19.30	81.45	2.00	0.00	1.00	0.00	19.31	81.39	2.00	0.00	1.00	0.00
19.32	80.94	2.00	0.00	1.00	0.00	19.33	81.76	2.00	0.00	1.00	0.00
19.34	83.05	2.00	0.00	1.00	0.00	19.35	84.89	2.00	0.00	1.00	0.00
19.36	86.13	2.00	0.00	1.00	0.00	19.37	86.57	2.00	0.00	1.00	0.00
19.38	85.89	2.00	0.00	1.00	0.00	19.39	84.75	2.00	0.00	1.00	0.00
19.40	83.81	2.00	0.00	1.00	0.00	19.41	83.66	2.00	0.00	1.00	0.00
19.42	84.50	2.00	0.00	1.00	0.00	19.43	86.44	2.00	0.00	1.00	0.00
19.44	88.95	2.00	0.00	1.00	0.00	19.45	91.81	2.00	0.00	1.00	0.00
19.46	93.59	2.00	0.00	1.00	0.00	19.47	94.58	2.00	0.00	1.00	0.00
19.48	94.86	2.00	0.00	1.00	0.00	19.49	95.52	2.00	0.00	1.00	0.00
19.50	96.47	2.00	0.00	1.00	0.00	19.51	98.87	2.00	0.00	1.00	0.00
19.52	101.52	2.00	0.00	1.00	0.00	19.53	103.86	2.00	0.00	1.00	0.00
19.54	104.80	2.00	0.00	1.00	0.00	19.55	104.89	2.00	0.00	1.00	0.00
19.56	104.50	2.00	0.00	1.00	0.00	19.57	103.16	2.00	0.00	1.00	0.00
19.58	101.49	2.00	0.00	1.00	0.00	19.59	99.56	2.00	0.00	1.00	0.00
19.60	98.39	2.00	0.00	1.00	0.00	19.61	96.90	2.00	0.00	1.00	0.00
19.62	95.24	2.00	0.00	1.00	0.00	19.63	93.18	2.00	0.00	1.00	0.00
19.64	91.16	2.00	0.00	1.00	0.00	19.65	88.93	2.00	0.00	1.00	0.00
19.66	87.02	2.00	0.00	1.00	0.00	19.67	85.68	2.00	0.00	1.00	0.00
19.68	84.92	2.00	0.00	1.00	0.00	19.69	83.96	2.00	0.00	1.00	0.00
19.70	82.65	2.00	0.00	1.00	0.00	19.71	80.64	2.00	0.00	1.00	0.00
19.72	79.04	2.00	0.00	1.00	0.00	19.73	77.99	2.00	0.00	1.00	0.00
19.74	74.97	2.00	0.00	1.00	0.00	19.75	71.90	2.00	0.00	1.00	0.00
19.76	69.18	2.00	0.00	1.00	0.00	19.77	70.07	2.00	0.00	1.00	0.00
19.78	70.84	2.00	0.00	1.00	0.00	19.79	71.54	2.00	0.00	1.00	0.00
19.80	72.26	2.00	0.00	1.00	0.00	19.81	73.13	2.00	0.00	1.00	0.00
19.82	75.00	2.00	0.00	1.00	0.00	19.83	77.31	2.00	0.00	1.00	0.00
19.84	80.29	2.00	0.00	1.00	0.00	19.85	83.29	2.00	0.00	1.00	0.00
19.86	85.51	2.00	0.00	1.00	0.00	19.87	86.97	2.00	0.00	1.00	0.00
19.88	87.20	2.00	0.00	1.00	0.00	19.89	87.27	2.00	0.00	1.00	0.00
19.90	87.34	2.00	0.00	1.00	0.00	19.91	87.33	2.00	0.00	1.00	0.00
19.92	86.67	2.00	0.00	1.00	0.00	19.93	85.48	2.00	0.00	1.00	0.00
19.94	83.91	2.00	0.00	1.00	0.00	19.95	82.49	2.00	0.00	1.00	0.00
19.96	80.77	2.00	0.00	1.00	0.00	19.97	78.01	2.00	0.00	1.00	0.00
19.98	75.37	2.00	0.00	1.00	0.00	19.99	73.19	2.00	0.00	1.00	0.00
20.00	72.52	2.00	0.00	1.00	0.00	20.01	72.16	2.00	0.00	1.00	0.00
20.02	71.41	2.00	0.00	1.00	0.00	20.03	69.70	2.00	0.00	1.00	0.00
20.04	68.42	2.00	0.00	1.00	0.00	20.05	67.88	2.00	0.00	1.00	0.00
20.06	68.63	2.00	0.00	1.00	0.00	20.07	69.19	2.00	0.00	1.00	0.00
20.08	69.67	2.00	0.00	1.00	0.00	20.09	69.78	2.00	0.00	1.00	0.00
20.10	69.82	2.00	0.00	1.00	0.00	20.11	70.13	2.00	0.00	1.00	0.00
20.12	71.53	2.00	0.00	1.00	0.00	20.13	73.08	2.00	0.00	1.00	0.00
20.14	74.86	2.00	0.00	1.00	0.00	20.15	77.64	2.00	0.00	1.00	0.00
20.16	80.58	2.00	0.00	1.00	0.00	20.17	82.84	2.00	0.00	1.00	0.00
20.18	83.26	2.00	0.00	1.00	0.00	20.19	83.88	2.00	0.00	1.00	0.00

<b>:: Post-earthquake settlement due to soil liquefaction :: (continued)</b>											
Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)	Depth (m)	$Q_{tn,cs}$	FS	$e_v$ (%)	DF	Settlement (cm)
20.20	84.56	2.00	0.00	1.00	0.00	20.21	85.84	2.00	0.00	1.00	0.00
20.22	86.49	2.00	0.00	1.00	0.00						

**Total estimated settlement: 11.95**

#### 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