CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 53128.1; along Shaft 36226.0; at Toe 16902.1 kN

Soil Sgmnt No.	Dist. Below Gages m	Depth Below Grade m	Ru kN	Force in Pile kN	Sum of Ru kN	Unit Resist. (Depth) kN/m	Unit Resist. (Area) kPa	Quake mm
				53128.1				
1	27.2	1.1	443.2	52684.9	443.2	403.11	70.12	3.1
2	29.2	3.1	656.2	52028.7	1099.4	325.99	56.70	3.1
3	31.2	5.1	559.5	51469.2	1658.9	277.95	48.35	3.1
4	33.2	7.1	435.9	51033.3	2094.8	216.55	37.67	3.1
5	35.2	9.2	370.3	50663.0	2465.1	183.96	32.00	3.1
6	37.2	11.2	349.0	50314.0	2814.1	173.38	30.16	3.1
7	39.3	13.2	338.1	49975.9	3152.2	167.96	29.22	3.1
8	41.3	15.2	346.8	49629.1	3499.0	172.29	29.97	3.1
9	43.3	17.2	344.7	49284.4	3843.7	171.24	29.79	3.1
10	45.3	19.2	342.3	48942.1	4186.0	170.05	29.58	3.1
11	47.3	21.2	370.3	48571.8	4556.3	183.96	32.00	3.1
12	49.3	23.2	704.2	47867.6	5260.5	349.84	60.85	3.1
13	51.3	25.3	831.9	47035.7	6092.4	413.28	71.89	3.1
14	53.3	27.3	1001.0	46034.7	7093.4	497.29	86.50	3.1
15	55.4	29.3	1462.1	44572.6	8555.5	726.36	126.34	3.1
16	57.4	31.3	1594.4	42978.2	10149.9	792.08	137.78	3.1
17	59.4	33.3	1864.9	41113.3	12014.8	926.46	161.15	3.1
18	61.4	35.3	1918.5	39194.8	13933.3	953.09	165.78	3.1
19	63.4	37.3	2057.6	37137.2	15990.9	1022.20	177.80	3.1
20	65.4	39.3	2135.4	35001.8	18126.3	1060.85	184.53	3.1
21	67.4	41.4	2135.4	32866.4	20261.7	1060.85	184.53	3.1
22	69.4	43.4	2198.7	30667.7	22460.4	1092.29	190.00	3.0
23	71.5	45.4	2067.5	28600.2	24527.9	1027.11	178.66	3.0
24	73.5	47.4	2014.4	26585.8	26542.3	1000.73	174.07	3.1
25	75.5	49.4	1888.5	24697.3	28430.8	938.19	163.19	3.1
26	77.5	51.4	1654.4	23042.9	30085.2	821.89	142.96	3.1
27	79.5	53.4	1369.9	21673.0	31455.1	680.55	118.38	3.1
28	81.5	55.4	1006.8	20666.2	32461.9	500.17	87.00	3.1
29	83.5	57.5	1083.7	19582.5	33545.6	538.37	93.65	3.0
30	85.5	59.5	1045.7	18536.8	34591.3	519.49	90.36	3.0
31	87.6	61.5	824.9	17711.9	35416.2	409.80	71.28	3.0
32	89.6	63.5	809.8	16902.1	36226.0	402.30	69.98	2.9
Avg. Shaft			1132.1			570.49	99.23	3.1
Toe			16902.1				66978.80	7.5

Soil Model Parameters/Extensions		Shaft	Toe
Smith Damping Factor		0.17	0.44
Case Damping Factor		0.60	0.71
Damping Type		Viscous	Viscous
Unloading Quake	(% of loading quake)	40	74
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	25	
Resistance Gap (included in Toe Quake)	(mm)		3.9
Soil Plug Weight	(kN)		64.606
Soil Support Dashpot		0.834	0.000
Soil Support Weight	(kN)	57.86	0.00

CAPWAP match quality = 4.30 (Wave Up Match); RSA = 0
Observed: Final Set = 3.5 mm; Blow Count = 286 b/m
Computed: Final Set = 4.4 mm; Blow Count = 227 b/m
Transducer F1 (O107) CAL: 147.7; RF: 1.12; F3 (O105) CAL: 145.3; RF: 1.12
A2 (K5960) CAL: 328; RF: 1.02; A4 (K5959) CAL: 356; RF: 1.02