CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 41746.8; along Shaft 25456.7; at Toe 16290.1 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
				41746.8				
1	27.2	1.1	300.9	41445.9	300.9	273.69	47.61	1.0
2	29.2	3.1	330.0	41115.9	630.9	163.94	28.52	1.0
3	31.2	5.1	325.7	40790.2	956.6	161.80	28.14	1.0
4	33.2	7.1	352.8	40437.4	1309.4	175.27	30.49	1.0
5	35.2	9.2	285.0	40152.4	1594.4	141.59	24.63	1.0
6	37.2	11.2	212.0	39940.4	1806.4	105.32	18.32	1.0
7	39.3	13.2	225.8	39714.6	2032.2	112.18	19.51	1.0
8	41.3	15.2	239.9	39474.7	2272.1	119.18	20.73	1.0
9	43.3	17.2	144.6	39330.1	2416.7	71.84	12.50	1.0
10	45.3	19.2	158.3	39171.8	2575.0	78.64	13.68	1.0
11	47.3	21.2	172.1	38999.7	2747.1	85.50	14.87	1.0
12	49.3	23.2	223.9	38775.8	2971.0	111.23	19.35	1.0
13	51.3	25.3	246.3	38529.5	3217.3	122.36	21.28	1.0
14	53.3	27.3	341.3	38188.2	3558.6	169.55	29.49	1.0
15	55.4	29.3	451.3	37736.9	4009.9	224.20	39.00	1.0
16	57.4	31.3	666.3	37070.6	4676.2	331.01	57.58	1.0
17	59.4	33.3	855.7	36214.9	5531.9	425.10	73.94	1.0
18	61.4	35.3	1398.7	34816.2	6930.6	694.86	120.87	1.0
19	63.4	37.3	1539.3	33276.9	8469.9	764.71	133.02	1.0
20	65.4	39.3	1777.5	31499.4	10247.4	883.04	153.60	1.0
21	67.4	41.4	1739.4	29760.0	11986.8	864.12	150.31	1.0
22	69.4	43.4	1794.3	27965.7	13781.1	891.39	155.05	1.0
23	71.5	45.4	1916.2	26049.5	15697.3	951.95	165.59	1.0
24	73.5	47.4	1923.7	24125.8	17621.0	955.68	166.23	1.0
25	75.5	49.4	1951.4	22174.4	19572.4	969.44	168.63	1.0
26	77.5	51.4	1438.2	20736.2	21010.6	714.48	124.28	1.0
27	79.5	53.4	987.1	19749.1	21997.7	490.38	85.30	1.0
28	81.5	55.4	650.4	19098.7	22648.1	323.11	56.20	1.0
29	83.5	57.5	650.4	18448.3	23298.5	323.11	56.20	1.0
30	85.5	59.5	650.4	17797.9	23948.9	323.11	56.20	1.0
31	87.6	61.5	753.9	17044.0	24702.8	374.53	65.15	1.0
32	89.6	63.5	753.9	16290.1	25456.7	374.53	65.15	1.0
Avg. Shaft			795.5			400.89	69.73	1.0
Toe			16290.1				64553.60	10.9

Soil Model Parameters/Extensions		Shaft	Toe
Smith Damping Factor		0.23	0.40
Case Damping Factor		0.57	0.62
Damping Type		Viscous	Sm+Visc
Unloading Quake	(% of loading quake)	30	30
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	9	
Resistance Gap (included in Toe Quake)	(mm)		1.3
Soil Plug Weight	(kN)		8.934
Soil Support Dashpot		0.740	0.000
Soil Support Weight	(kN)	57.86	0.00

CAPWAP match quality = 3.88 (Wave Up Match); RSA = 0
Observed: Final Set = 4.0 mm; Blow Count = 250 b/m
Computed: Final Set = 3.6 mm; Blow Count = 277 b/m
Transducer F1 (O107) CAL: 147.7; RF: 1.22; F3 (O105) CAL: 145.3; RF: 1.12
A2 (K5960) CAL: 328; RF: 1.02; A4 (K5959) CAL: 356; RF: 1.02