CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 55031.6; along Shaft 37679.8; at Toe 17351.8 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
				55031.6				
1	27.2	1.2	423.5	54608.1	423.5	353.08	61.42	2.7
2	29.2	3.2	450.4	54157.7	873.9	223.75	38.92	2.7
3	31.2	5.2	424.2	53733.5	1298.1	210.74	36.66	2.7
4	33.2	7.2	415.0	53318.5	1713.1	206.17	35.86	2.7
5	35.2	9.3	488.4	52830.1	2201.5	242.63	42.20	2.7
6	37.2	11.3	409.5	52420.6	2611.0	203.44	35.39	2.7
7	39.3	13.3	363.5	52057.1	2974.5	180.58	31.41	2.7
8	41.3	15.3	327.3	51729.8	3301.8	162.60	28.28	2.7
9	43.3	17.3	375.5	51354.3	3677.3	186.54	32.45	2.7
10	45.3	19.3	451.7	50902.6	4129.0	224.40	39.03	2.7
11	47.3	21.3	381.8	50520.8	4510.8	189.67	32.99	2.7
12	49.3	23.3	467.1	50053.7	4977.9	232.05	40.36	2.7
13	51.3	25.4	963.3	49090.4	5941.2	478.56	83.24	2.7
14	53.3	27.4	1169.5	47920.9	7110.7	581.00	101.06	2.7
15	55.4	29.4	1319.5	46601.4	8430.2	655.51	114.02	2.7
16	57.4	31.4	1764.6	44836.8	10194.8	876.64	152.49	2.7
17	59.4	33.4	1971.8	42865.0	12166.6	979.57	170.39	2.7
18	61.4	35.4	2139.8	40725.2	14306.4	1063.03	184.91	2.7
19	63.4	37.4	2181.6	38543.6	16488.0	1083.80	188.52	2.7
20	65.4	39.4	2179.7	36363.9	18667.7	1082.85	188.36	2.5
21	67.4	41.5	2184.7	34179.2	20852.4	1085.34	188.79	2.5
22	69.4	43.5	2184.8	31994.4	23037.2	1085.39	188.80	2.4
23	71.5	45.5	2127.3	29867.1	25164.5	1056.82	183.83	2.4
24	73.5	47.5	2101.9	27765.2	27266.4	1044.20	181.63	2.4
25	75.5	49.5	2099.5	25665.7	29365.9	1043.01	181.42	2.4
26	77.5	51.5	1764.1	23901.6	31130.0	876.39	152.44	2.4
27	79.5	53.5	1078.4	22823.2	32208.4	535.74	93.19	2.4
28	81.5	55.5	865.0	21958.2	33073.4	429.72	74.75	2.4
29	83.5	57.6	973.6	20984.6	34047.0	483.68	84.13	2.3
30	85.5	59.6	1307.4	19677.2	35354.4	649.50	112.98	2.2
31	87.6	61.6	1183.1	18494.1	36537.5	587.75	102.24	2.1
32	89.6	63.6	1142.3	17351.8	37679.8	567.48	98.71	2.0
Avg. Shaft			1177.5			592.45	103.05	2.5
Toe			17351.8				68761.39	4.3

Soil Model Parameters/Extensions

		Shaft	Toe
Smith Damping Factor		0.32	0.46
Case Damping Factor		1.15	0.77
Damping Type		Viscous	Viscous
Unloading Quake	(% of loading quake)	30	95
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	15	
Resistance Gap (included in Toe Quake) (mm)			0.0
Soil Plug Weight	(kN)	92.996	40.521
Soil Support Dashpot		1.236	4.448
Soil Support Weight	(kN)	57.86	57.86

CAPWAP match quality   =   3.36   (Wave Up Match); RSA = 0
Observed: Final Set   =   3.0 mm;   Blow Count   =   333 b/m
Computed: Final Set   =   4.0 mm;   Blow Count   =   250 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