CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 41050.1; along Shaft 24884.1; at Toe 16166.0 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
				41050.1				
1	27.2	1.1	213.6	40836.5	213.6	198.80	34.58	4.0
2	29.2	3.1	213.6	40622.9	427.2	106.11	18.46	4.0
3	31.2	5.1	213.6	40409.3	640.8	106.11	18.46	4.0
4	33.2	7.1	267.0	40142.3	907.8	132.64	23.07	4.0
5	35.2	9.1	279.2	39863.1	1187.0	138.70	24.13	4.0
6	37.2	11.1	239.4	39623.7	1426.4	118.93	20.69	4.0
7	39.3	13.2	235.0	39388.7	1661.4	116.75	20.31	4.0
8	41.3	15.2	256.3	39132.4	1917.7	127.33	22.15	4.0
9	43.3	17.2	404.9	38727.5	2322.6	201.15	34.99	4.0
10	45.3	19.2	511.7	38215.8	2834.3	254.21	44.22	4.0
11	47.3	21.2	530.5	37685.3	3364.8	263.55	45.84	4.0
12	49.3	23.2	764.8	36920.5	4129.6	379.95	66.09	4.0
13	51.3	25.2	787.6	36132.9	4917.2	391.27	68.06	4.0
14	53.3	27.2	905.9	35227.0	5823.1	450.04	78.28	4.0
15	55.4	29.3	1012.5	34214.5	6835.6	503.00	87.49	4.0
16	57.4	31.3	1193.6	33020.9	8029.2	592.97	103.14	4.0
17	59.4	33.3	1278.8	31742.1	9308.0	635.30	110.51	4.0
18	61.4	35.3	1225.6	30516.5	10533.6	608.87	105.91	4.0
19	63.4	37.3	1162.1	29354.4	11695.7	577.32	100.42	3.7
20	65.4	39.3	1065.7	28288.7	12761.4	529.43	92.09	3.4
21	67.4	41.3	1012.5	27276.2	13773.9	503.00	87.49	3.2
22	69.4	43.3	1087.0	26189.2	14860.9	540.01	93.93	2.9
23	71.5	45.4	980.5	25208.7	15841.4	487.10	84.73	2.8
24	73.5	47.4	905.9	24302.8	16747.3	450.04	78.28	2.6
25	75.5	49.4	852.5	23450.3	17599.8	423.51	73.67	2.4
26	77.5	51.4	853.2	22597.1	18453.0	423.86	73.73	2.2
27	79.5	53.4	746.6	21850.5	19199.6	370.90	64.52	2.0
28	81.5	55.4	853.2	20997.3	20052.8	423.86	73.73	1.9
29	83.5	57.4	991.9	20005.4	21044.7	492.77	85.71	1.7
30	85.5	59.4	1173.2	18832.2	22217.9	582.83	101.38	1.6
31	87.6	61.5	1333.1	17499.1	23551.0	662.27	115.20	1.4
32	89.6	63.5	1333.1	16166.0	24884.1	662.27	115.20	1.2
Avg. Shaft			777.6			392.03	68.19	3.0
Toe			16166.0				64074.51	7.0

Soil Model Parameters/Extensions		Shaft	Toe
Smith Damping Factor		0.50	0.50
Case Damping Factor		1.18	0.77
Damping Type		Sm+Visc	Smith
Unloading Quake	(% of loading quake)	30	58
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	87	
Resistance Gap (included in Toe Quake)	(mm)		0.5
Soil Plug Weight	(kN)	120.054	
Soil Support Dashpot		0.504	0.000
Soil Support Weight	(kN)	57.90	0.00

CAPWAP match quality = 3.43 (Wave Up Match); RSA = 0
Observed: Final Set = 5.0 mm; Blow Count = 200 b/m
Computed: Final Set = 5.9 mm; Blow Count = 171 b/m
Transducer F1 (N728) CAL: 158.4; RF: 1.07; F3 (N717) CAL: 151.6; RF: 1.10
A2 (K6122) CAL: 345; RF: 1.02; A4 (K6121) CAL: 398; RF: 1.03