CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 18719.7; along Shaft 7590.4; at Toe 11129.3 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
				18719.7			
1	27.2	1.3	110.4	18609.3	110.4	83.36	14.50
2	29.2	3.3	129.0	18480.3	239.4	64.09	11.15
3	31.2	5.4	77.9	18402.4	317.3	38.70	6.73
4	33.2	7.4	68.4	18334.0	385.7	33.98	5.91
5	35.2	9.4	58.6	18275.4	444.3	29.11	5.06
6	37.2	11.4	68.4	18207.0	512.7	33.98	5.91
7	39.3	13.4	137.4	18069.6	650.1	68.26	11.87
8	41.3	15.4	261.8	17807.8	911.9	130.06	22.62
9	43.3	17.4	298.5	17509.3	1210.4	148.29	25.79
10	45.3	19.4	371.7	17137.6	1582.1	184.66	32.12
11	47.3	21.5	224.5	16913.1	1806.6	111.53	19.40
12	49.3	23.5	269.2	16643.9	2075.8	133.74	23.26
13	51.3	25.5	122.8	16521.1	2198.6	61.01	10.61
14	53.3	27.5	148.0	16373.1	2346.6	73.52	12.79
15	55.4	29.5	332.1	16041.0	2678.7	164.98	28.70
16	57.4	31.5	332.1	15708.9	3010.8	164.98	28.70
17	59.4	33.5	293.0	15415.9	3303.8	145.56	25.32
18	61.4	35.5	64.2	15351.7	3368.0	31.89	5.55
19	63.4	37.6	81.4	15270.3	3449.4	40.44	7.03
20	65.4	39.6	168.1	15102.2	3617.5	83.51	14.53
21	67.4	41.6	210.1	14892.1	3827.6	104.38	18.16
22	69.4	43.6	150.0	14742.1	3977.6	74.52	12.96
23	71.5	45.6	175.8	14566.3	4153.4	87.34	15.19
24	73.5	47.6	293.0	14273.3	4446.4	145.56	25.32
25	75.5	49.6	244.2	14029.1	4690.6	121.32	21.10
26	77.5	51.6	244.2	13784.9	4934.8	121.32	21.10
27	79.5	53.7	390.7	13394.2	5325.5	194.10	33.76
28	81.5	55.7	439.6	12954.6	5765.1	218.39	37.99
29	83.5	57.7	405.0	12549.6	6170.1	201.20	35.00
30	85.5	59.7	400.4	12149.2	6570.5	198.91	34.60
31	87.6	61.7	488.4	11660.8	7058.9	242.63	42.20
32	89.6	63.7	531.5	11129.3	7590.4	264.04	45.93
Avg. Shaft			237.2			119.11	20.72
Toe			11129.3				44102.98

Soil Model Parameters/Extensions		Shaft	Toe
Smith Damping Factor		0.08	0.08
Quake	(mm)	1.0	4.8
Case Damping Factor		0.06	0.09
Damping Type		Sm+Visc	Sm+Visc
Unloading Quake	(% of loading quake)	30	84
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	87	
Resistance Gap (included in Toe Quake)	(mm)		0.2
Soil Plug Weight	(kN)		2.314
Soil Support Dashpot		0.316	0.000
Soil Support Weight	(kN)	57.86	0.00

CAPWAP match quality = 3.72 (Wave Up Match); RSA = 0
Observed: Final Set = 20.8 mm; Blow Count = 48 b/m
Computed: Final Set = 18.9 mm; Blow Count = 53 b/m
Transducer F1 (L861) CAL: 147.1; RF: 1.11; F3 (L998) CAL: 146.0; RF: 1.08
A2 (K5019) CAL: 325; RF: 1.05; A4 (K4908) CAL: 330; RF: 1.05