

CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 54597.8; along Shaft 37126.1; at Toe 17471.7 kN

Soil Sgmt 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
				54597.8			
1	27.2	1.3	200.8	54397.0	200.8	154.53	26.88
2	29.2	3.3	258.3	54138.7	459.1	128.32	22.32
3	31.2	5.3	281.1	53857.6	740.2	139.65	24.29
4	33.2	7.3	301.1	53556.5	1041.3	149.58	26.02
5	35.2	9.4	321.4	53235.1	1362.7	159.67	27.77
6	37.2	11.4	381.5	52853.6	1744.2	189.53	32.97
7	39.3	13.4	501.9	52351.7	2246.1	249.34	43.37
8	41.3	15.4	602.3	51749.4	2848.4	299.22	52.05
9	43.3	17.4	803.1	50946.3	3651.5	398.97	69.40
10	45.3	19.4	853.3	50093.0	4504.8	423.91	73.74
11	47.3	21.4	839.0	49254.0	5343.8	416.81	72.50
12	49.3	23.4	1104.2	48149.8	6448.0	548.56	95.42
13	51.3	25.5	1505.8	46644.0	7953.8	748.07	130.12
14	53.3	27.5	1715.0	44929.0	9668.8	852.00	148.20
15	55.4	29.5	1907.3	43021.7	11576.1	947.53	164.82
16	57.4	31.5	2007.6	41014.1	13583.7	997.36	173.48
17	59.4	33.5	2108.1	38906.0	15691.8	1047.28	182.17
18	61.4	35.5	1957.4	36948.6	17649.2	972.42	169.15
19	63.4	37.5	1765.9	35182.7	19415.1	877.28	152.60
20	65.4	39.5	1736.6	33446.1	21151.7	862.73	150.07
21	67.4	41.6	1798.9	31647.2	22950.6	893.68	155.45
22	69.4	43.6	1621.9	30025.3	24572.5	805.74	140.15
23	71.5	45.6	1310.6	28714.7	25883.1	651.09	113.25
24	73.5	47.6	1104.2	27610.5	26987.3	548.56	95.42
25	75.5	49.6	1154.4	26456.1	28141.7	573.49	99.76
26	77.5	51.6	1104.2	25351.9	29245.9	548.56	95.42
27	79.5	53.6	953.7	24398.2	30199.6	473.79	82.41
28	81.5	55.6	1003.8	23394.4	31203.4	498.68	86.74
29	83.5	57.7	1104.2	22290.2	32307.6	548.56	95.42
30	85.5	59.7	1305.0	20985.2	33612.6	648.31	112.77
31	87.6	61.7	1706.5	19278.7	35319.1	847.77	147.46
32	89.6	63.7	1807.0	17471.7	37126.1	897.70	156.15
Avg. Shaft			1160.2			582.83	101.38
Toe			17471.7				69236.53

Soil Model Parameters/Extensions			Shaft	Toe
Smith Damping Factor			0.28	0.56
Quake	(mm)		2.8	3.8
Case Damping Factor			0.98	0.94
Damping Type			Sm+Visc	Viscous
Unloading Quake	(% of loading quake)		30	100
Reloading Level	(% of Ru)		100	100
Unloading Level	(% of Ru)		25	
Resistance Gap (included in Toe Quake)	(mm)			0.0
Soil Plug Weight	(kN)		105.586	34.765
Soil Support Dashpot			0.795	4.829
Soil Support Weight	(kN)		57.86	57.86

CAPWAP match quality = 3.31 (Wave Up Match); RSA = 0
 Observed: Final Set = 4.0 mm; Blow Count = 250 b/m
 Computed: Final Set = 5.0 mm; Blow Count = 201 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