

CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 12707.0; along Shaft 7610.6; at Toe 5096.4 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
				12707.0			
1	29.2	3.0	73.8	12633.2	73.8	24.50	4.26
2	31.2	5.0	76.4	12556.8	150.2	37.95	6.60
3	33.2	7.0	78.9	12477.9	229.1	39.20	6.82
4	35.2	9.1	81.7	12396.2	310.8	40.59	7.06
5	37.2	11.1	84.2	12312.0	395.0	41.83	7.28
6	39.3	13.1	147.5	12164.5	542.5	73.28	12.75
7	41.3	15.1	158.1	12006.4	700.6	78.54	13.66
8	43.3	17.1	137.1	11869.3	837.7	68.11	11.85
9	45.3	19.1	94.9	11774.4	932.6	47.15	8.20
10	47.3	21.1	127.7	11646.7	1060.3	63.44	11.03
11	49.3	23.1	149.7	11497.0	1210.0	74.37	12.94
12	51.3	25.2	273.9	11223.1	1483.9	136.07	23.67
13	53.3	27.2	338.5	10884.6	1822.4	168.16	29.25
14	55.4	29.2	338.5	10546.1	2160.9	168.16	29.25
15	57.4	31.2	338.5	10207.6	2499.4	168.16	29.25
16	59.4	33.2	263.5	9944.1	2762.9	130.90	22.77
17	61.4	35.2	84.2	9859.9	2847.1	41.83	7.28
18	63.4	37.2	92.2	9767.7	2939.3	45.80	7.97
19	65.4	39.2	100.0	9667.7	3039.3	49.68	8.64
20	67.4	41.3	107.9	9559.8	3147.2	53.60	9.32
21	69.4	43.3	115.9	9443.9	3263.1	57.58	10.02
22	71.5	45.3	304.6	9139.3	3567.7	151.32	26.32
23	73.5	47.3	305.5	8833.8	3873.2	151.77	26.40
24	75.5	49.3	316.1	8517.7	4189.3	157.04	27.32
25	77.5	51.3	316.1	8201.6	4505.4	157.04	27.32
26	79.5	53.3	316.1	7885.5	4821.5	157.04	27.32
27	81.5	55.3	491.1	7394.4	5312.6	243.97	42.44
28	83.5	57.4	491.1	6903.3	5803.7	243.97	42.44
29	85.5	59.4	543.5	6359.8	6347.2	270.01	46.97
30	87.6	61.4	599.3	5760.5	6946.5	297.73	51.79
31	89.6	63.4	664.1	5096.4	7610.6	329.92	57.39
Avg. Shaft			245.5			120.04	20.88
Toe			5096.4				20195.76

Soil Model Parameters/Extensions		Shaft	Toe
Smith Damping Factor		0.10	0.16
Quake	(mm)	3.6	10.9
Case Damping Factor		0.08	0.08
Damping Type		Sm+Visc	Viscous
Unloading Quake	(% of loading quake)	56	30
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	55	
Resistance Gap (included in Toe Quake)	(mm)		9.9
Soil Plug Weight	(kN)		0.112
Soil Support Dashpot		0.338	3.000
Soil Support Weight	(kN)	57.86	57.86

CAPWAP match quality = 4.64 (Wave Up Match); RSA = 0
 Observed: Final Set = 33.3 mm; Blow Count = 30 b/m
 Computed: Final Set = 32.0 mm; Blow Count = 31 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