

CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 18902.7; along Shaft 7033.1; at Toe 11869.6 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	Quake mm
				18902.7				
1	27.2	1.6	49.9	18852.8	49.9	31.20	5.43	1.0
2	29.2	3.6	59.6	18793.2	109.5	29.61	5.15	1.0
3	31.2	5.6	91.7	18701.5	201.2	45.56	7.92	1.0
4	33.2	7.6	91.7	18609.8	292.9	45.56	7.92	1.0
5	35.2	9.7	91.7	18518.1	384.6	45.56	7.92	1.0
6	37.2	11.7	74.7	18443.4	459.3	37.11	6.46	1.0
7	39.3	13.7	89.3	18354.1	548.6	44.36	7.72	1.0
8	41.3	15.7	104.2	18249.9	652.8	51.77	9.00	1.0
9	43.3	17.7	118.9	18131.0	771.7	59.07	10.27	1.0
10	45.3	19.7	49.9	18081.1	821.6	24.79	4.31	1.0
11	47.3	21.7	49.9	18031.2	871.5	24.79	4.31	1.0
12	49.3	23.7	156.3	17874.9	1027.8	77.65	13.51	1.0
13	51.3	25.8	228.5	17646.4	1256.3	113.52	19.75	1.0
14	53.3	27.8	228.5	17417.9	1484.8	113.52	19.75	1.0
15	55.4	29.8	228.5	17189.4	1713.3	113.52	19.75	1.0
16	57.4	31.8	326.4	16863.0	2039.7	162.15	28.21	1.0
17	59.4	33.8	326.4	16536.6	2366.1	162.15	28.21	1.0
18	61.4	35.8	326.4	16210.2	2692.5	162.15	28.21	1.0
19	63.4	37.8	151.9	16058.3	2844.4	75.46	13.13	1.0
20	65.4	39.8	94.3	15964.0	2938.7	46.85	8.15	1.0
21	67.4	41.9	89.1	15874.9	3027.8	44.26	7.70	1.0
22	69.4	43.9	217.8	15657.1	3245.6	108.20	18.82	1.0
23	71.5	45.9	330.0	15327.1	3575.6	163.94	28.52	1.0
24	73.5	47.9	305.8	15021.3	3881.4	151.92	26.43	1.0
25	75.5	49.9	219.6	14801.7	4101.0	109.10	18.98	1.0
26	77.5	51.9	211.0	14590.7	4312.0	104.82	18.23	1.0
27	79.5	53.9	352.3	14238.4	4664.3	175.02	30.44	1.0
28	81.5	55.9	446.4	13792.0	5110.7	221.77	38.57	1.0
29	83.5	58.0	403.1	13388.9	5513.8	200.26	34.83	1.0
30	85.5	60.0	403.1	12985.8	5916.9	200.26	34.83	1.0
31	87.6	62.0	527.3	12458.5	6444.2	261.96	45.57	1.0
32	89.6	64.0	588.9	11869.6	7033.1	292.56	50.89	1.0
Avg. Shaft			219.8			109.89	19.12	1.0
Toe			11869.6				21226.04	10.5

Soil Model Parameters/Extensions			Shaft	Toe
Smith Damping Factor			0.08	0.16
Case Damping Factor			0.05	0.19
Damping Type			Viscous	Viscous
Unloading Quake	(% of loading quake)		30	102
Reloading Level	(% of Ru)		100	100
Unloading Level	(% of Ru)		81	
Resistance Gap (included in Toe Quake) (mm)				0.2
Soil Plug Weight	(kN)			17.230
Soil Support Dashpot			0.409	3.000
Soil Support Weight	(kN)		57.86	57.86

CAPWAP match quality = 4.73 (Wave Up Match); RSA = 0
 Observed: Final Set = 19.2 mm; Blow Count = 52 b/m
 Computed: Final Set = 12.5 mm; Blow Count = 80 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