

CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 12073.0; along Shaft					6878.6; at Toe	5194.4 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
				12073.0				
1	27.2	1.3	143.4	11929.6	143.4	108.27	18.83	3.0
2	29.2	3.3	135.0	11794.6	278.4	67.07	11.67	3.0
3	31.2	5.4	135.0	11659.6	413.4	67.07	11.67	3.0
4	33.2	7.4	101.1	11558.5	514.5	50.23	8.74	3.0
5	35.2	9.4	118.1	11440.4	632.6	58.67	10.21	3.0
6	37.2	11.4	135.0	11305.4	767.6	67.07	11.67	3.0
7	39.3	13.4	135.0	11170.4	902.6	67.07	11.67	3.0
8	41.3	15.4	160.1	11010.3	1062.7	79.54	13.83	3.0
9	43.3	17.4	168.6	10841.7	1231.3	83.76	14.57	3.0
10	45.3	19.4	150.1	10691.6	1381.4	74.57	12.97	3.0
11	47.3	21.5	118.1	10573.5	1499.5	58.67	10.21	3.0
12	49.3	23.5	143.4	10430.1	1642.9	71.24	12.39	3.0
13	51.3	25.5	112.9	10317.2	1755.8	56.09	9.76	3.0
14	53.3	27.5	177.9	10139.3	1933.7	88.38	15.37	3.0
15	55.4	29.5	223.8	9915.5	2157.5	111.18	19.34	3.0
16	57.4	31.5	150.8	9764.7	2308.3	74.92	13.03	3.0
17	59.4	33.5	143.3	9621.4	2451.6	71.19	12.38	3.0
18	61.4	35.5	176.9	9444.5	2628.5	87.88	15.29	3.0
19	63.4	37.6	145.4	9299.1	2773.9	72.23	12.56	3.0
20	65.4	39.6	227.9	9071.2	3001.8	113.22	19.69	3.0
21	67.4	41.6	244.1	8827.1	3245.9	121.27	21.09	3.0
22	69.4	43.6	222.5	8604.6	3468.4	110.54	19.23	3.0
23	71.5	45.6	219.3	8385.3	3687.7	108.95	18.95	3.0
24	73.5	47.6	281.1	8104.2	3968.8	139.65	24.29	3.0
25	75.5	49.6	398.1	7706.1	4366.9	197.77	34.40	3.0
26	77.5	51.6	444.6	7261.5	4811.5	220.87	38.42	3.0
27	79.5	53.7	375.9	6885.6	5187.4	186.74	32.48	3.0
28	81.5	55.7	191.6	6694.0	5379.0	95.19	16.56	3.0
29	83.5	57.7	209.5	6484.5	5588.5	104.08	18.10	3.0
30	85.5	59.7	421.6	6062.9	6010.1	209.45	36.43	3.0
31	87.6	61.7	446.9	5616.0	6457.0	222.02	38.62	3.0
32	89.6	63.7	421.6	5194.4	6878.6	209.45	36.43	3.0
Avg. Shaft			215.0			107.94	18.78	3.0
Toe			5194.4				20588.19	12.7
Soil Model Parameters/Extensions					Shaft	Toe		
Smith Damping Factor					0.08	0.17		
Case Damping Factor					0.05	0.09		
Damping Type					Sm+Visc	Viscous		
Unloading Quake			(% of loading quake)		65	33		
Reloading Level			(% of Ru)		100	100		
Unloading Level			(% of Ru)		43			
Resistance Gap (included in Toe Quake) (mm)						11.3		
Soil Plug Weight			(kN)			0.971		
Soil Support Dashpot					0.310	3.000		
Soil Support Weight			(kN)		57.86	57.86		
CAPWAP match quality = 3.72 (Wave Up Match); RSA = 0								
Observed: Final Set				= 35.7 mm;	Blow Count	=	28 b/m	
Computed: Final Set				= 35.9 mm;	Blow Count	=	28 b/m	
Transducer F1 (O158) CAL: 147.3; RF: 1.08; F3 (O126) CAL: 147.9; RF: 1.06								
A2 (K5903) CAL: 312; RF: 1.04; A4 (K5902) CAL: 346; RF: 1.03								