

CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 52854.9; along Shaft 35713.4; at Toe 17141.5 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
				52854.9			
1	27.2	1.3	141.9	52713.0	141.9	109.20	18.99
2	29.2	3.3	189.3	52523.7	331.2	94.04	16.36
3	31.2	5.3	217.8	52305.9	549.0	108.20	18.82
4	33.2	7.3	260.3	52045.6	809.3	129.31	22.49
5	35.2	9.4	302.9	51742.7	1112.2	150.48	26.17
6	37.2	11.4	340.7	51402.0	1452.9	169.26	29.44
7	39.3	13.4	378.6	51023.4	1831.5	188.08	32.72
8	41.3	15.4	615.3	50408.1	2446.8	305.68	53.17
9	43.3	17.4	823.3	49584.8	3270.1	409.01	71.14
10	45.3	19.4	700.3	48884.5	3970.4	347.90	60.52
11	47.3	21.4	567.9	48316.6	4538.3	282.13	49.07
12	49.3	23.4	709.8	47606.8	5248.1	352.62	61.34
13	51.3	25.5	746.9	46859.9	5995.0	371.05	64.54
14	53.3	27.5	606.5	46253.4	6601.5	301.30	52.41
15	55.4	29.5	532.3	45721.1	7133.8	264.44	46.00
16	57.4	31.5	829.1	44892.0	7962.9	411.89	71.65
17	59.4	33.5	1297.3	43594.7	9260.2	644.49	112.10
18	61.4	35.5	1537.8	42056.9	10798.0	763.96	132.89
19	63.4	37.5	1537.1	40519.8	12335.1	763.62	132.83
20	65.4	39.5	1706.1	38813.7	14041.2	847.57	147.43
21	67.4	41.6	2033.0	36780.7	16074.2	1009.97	175.68
22	69.4	43.6	2014.0	34766.7	18088.2	1000.54	174.04
23	71.5	45.6	1734.3	33032.4	19822.5	861.58	149.87
24	73.5	47.6	1734.4	31298.0	21556.9	861.63	149.88
25	75.5	49.6	1996.4	29301.6	23553.3	991.79	172.52
26	77.5	51.6	2175.8	27125.8	25729.1	1080.92	188.02
27	79.5	53.6	1987.4	25138.4	27716.5	987.32	171.74
28	81.5	55.6	1892.9	23245.5	29609.4	940.37	163.57
29	83.5	57.7	1798.2	21447.3	31407.6	893.33	155.39
30	85.5	59.7	1749.8	19697.5	33157.4	869.28	151.21
31	87.6	61.7	706.9	18990.6	33864.3	351.18	61.09
32	89.6	63.7	1849.1	17141.5	35713.4	918.62	159.79
Avg. Shaft			1116.0			560.65	97.52
Toe			17141.5				67928.02

Soil Model Parameters/Extensions			Shaft	Toe
Smith Damping Factor			0.28	0.33
Quake	(mm)		2.7	5.1
Case Damping Factor			0.95	0.54
Damping Type			Viscous	Sm+Visc
Unloading Quake	(% of loading quake)		57	32
Reloading Level	(% of Ru)		100	100
Unloading Level	(% of Ru)		31	
Resistance Gap (included in Toe Quake)	(mm)			3.6
Soil Plug Weight	(kN)			65.273

CAPWAP match quality = 4.16 (Wave Up Match); RSA = 0
 Observed: Final Set = 3.0 mm; Blow Count = 333 b/m
 Computed: Final Set = 4.0 mm; Blow Count = 250 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