CAPWAP SUMMARY RESULTS

Total CAPWAP Capacity: 48501.6; along Shaft 31630.8; at Toe 16870.8 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
				48501.6				
1	27.2	1.3	136.7	48364.9	136.7	103.60	18.02	1.0
2	29.2	3.3	182.4	48182.5	319.1	90.61	15.76	1.0
3	31.2	5.3	209.6	47972.9	528.7	104.13	18.11	1.0
4	33.2	7.4	264.7	47708.2	793.4	131.50	22.87	1.0
5	35.2	9.4	310.1	47398.1	1103.5	154.05	26.80	1.0
6	37.2	11.4	357.8	47040.3	1461.3	177.75	30.92	1.0
7	39.3	13.4	498.6	46541.7	1959.9	247.70	43.09	1.0
8	41.3	15.4	479.6	46062.1	2439.5	238.26	41.44	1.0
9	43.3	17.4	637.4	45424.7	3076.9	316.65	55.08	1.0
10	45.3	19.4	857.7	44567.0	3934.6	426.10	74.12	1.0
11	47.3	21.4	710.8	43856.2	4645.4	353.12	61.42	1.0
12	49.3	23.5	438.8	43417.4	5084.2	217.99	37.92	1.0
13	51.3	25.5	347.4	43070.0	5431.6	172.58	30.02	1.0
14	53.3	27.5	868.3	42201.7	6299.9	431.36	75.03	1.0
15	55.4	29.5	1372.3	40829.4	7672.2	681.75	118.59	1.0
16	57.4	31.5	1861.0	38968.4	9533.2	924.53	160.82	1.0
17	59.4	33.5	1942.2	37026.2	11475.4	964.87	167.83	1.0
18	61.4	35.5	1673.2	35353.0	13148.6	831.23	144.59	1.0
19	63.4	37.6	1306.0	34047.0	14454.6	648.81	112.86	1.0
20	65.4	39.6	1408.8	32638.2	15863.4	699.88	121.74	1.0
21	67.4	41.6	1777.2	30861.0	17640.6	882.90	153.57	1.0
22	69.4	43.6	1821.7	29039.3	19462.3	905.00	157.42	1.0
23	71.5	45.6	1639.7	27399.6	21102.0	814.59	141.69	1.0
24	73.5	47.6	1744.0	25655.6	22846.0	866.40	150.70	1.0
25	75.5	49.6	1717.6	23938.0	24563.6	853.29	148.42	1.0
26	77.5	51.6	1730.5	22207.5	26294.1	859.70	149.54	1.0
27	79.5	53.7	1752.1	20455.4	28046.2	870.43	151.40	1.0
28	81.5	55.7	972.6	19482.8	29018.8	483.18	84.05	1.0
29	83.5	57.7	559.6	18923.2	29578.4	278.00	48.36	1.0
30	85.5	59.7	513.0	18410.2	30091.4	254.85	44.33	1.0
31	87.6	61.7	699.7	17710.5	30791.1	347.60	60.46	1.0
32	89.6	63.7	839.7	16870.8	31630.8	417.15	72.56	1.0
Avg. Shaft			988.5			496.40	86.35	1.0
Toe			16870.8				66855.30	13.4

Soil Model Parameters/Extensions		Shaft	Toe
Smith Damping Factor		0.08	0.08
Case Damping Factor		0.24	0.13
Damping Type		Viscous	Sm+Visc
Unloading Quake	(% of loading quake)	30	89
Reloading Level	(% of Ru)	100	100
Unloading Level	(% of Ru)	23	
Resistance Gap (included in Toe Quake)	(mm)		0.3
Soil Plug Weight	(kN)	20.845	12.925
Soil Support Dashpot		0.733	10.000
Soil Support Weight	(kN)	57.86	57.86

CAPWAP match quality = 4.68 (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 (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