Data File:CPT367 09-15-05 14:44
Operator:B. BUCKNAM Location:HP-06
Cone ID:510 Job Number:
Customer:TEST AMERICA Units:English

Depth (ft)	Qt (TSF)	Fs (TSF)	Fs/Qt (%)	Pw (PSI)	SPT N* 60% Hammer	Zone	Soil Behavior Type UBC-1983
0.16	1.7	0.000	0.000	-0.50	1	1	sensitive fine grained
0.33	5.9	0.130	2.206	-0.40	5	5	clayey silt to silty cla
0.49	21.9	0.320	1.461	-0.20	7	5	clayey silt to silty cla
0.66	13.2	0.290	2.197	-0.20	7	5	clayey silt to silty cla
0.82	9.1	0.150	1.649	-0.20	5	5	clayey silt to silty cla
0.98	8.3	0.170	2.049	-0.20	5	4	silty clay to clay
1.15	7.4	0.190	2.568	-0.10	5	4	silty clay to clay
1.31	9.5	0.150	1.579	-0.20	5	5	clayey silt to silty cla
1.48	11.5	0.140	1.218	-0.20	5	5	clayey silt to silty cla
1.64	10.5	0.230	2.191	-0.30	5	5	clayey silt to silty cla
1.80	10.5	0.030	0.286	-0.20	5	5	clayey silt to silty cla
1.97	8.9	0.110	1.237	-0.30	4	5	clayey silt to silty cla
2.13	2.8	0.140	5.003	-0.10	5	4	silty clay to clay
2.30	10.7	0.170	1.589	-0.10	4	5	clayey silt to silty cla
2.46	13.6	0.220	1.618	-0.20	6	5	clayey silt to silty cla
2.62	11.2	0.260	2.322	-0.20	6	5	clayey silt to silty cla
2.79	11.4	0.320	2.807	-0.10	6	5	clayey silt to silty cla
2.95	13.6	0.370	2.721	-0.10	7	5	clayey silt to silty cla
3.12	16.8	0.480	2.857	-0.10	7	5	clayey silt to silty cla
3.28	15.3	0.480	3.138	-0.10	10	4	silty clay to clay
3.44	13.2	0.440	3.334	-0.20	9	4	silty clay to clay
3.61	12.5	0.450	3.600	-0.10	8	4	silty clay to clay
3.77	12.9	0.460	3.567	-0.20	8	4	silty clay to clay
3.94	12.4	0.450	3.630	-0.20	12	3	clay
4.10	11.7	0.480	4.104	-0.20	12	3	clay
4.27	12.4	0.520	4.194	-0.10	12	3	clay
4.43	12.5	0.540	4.321	-0.20	12	3	clay
4.59	12.4	0.570	4.597	-0.10	12	3	clay
4.76	11.9	0.620	5.211	-0.10	12	3	clay
4.92	12.9	0.770	5.970	-0.10	12	3	clay
5.09	13.9	0.940	6.763	-0.10	14	3	clay
5.25	17.4	1.160	6.667	-0.10	17	3	clay
5.41	21.3	1.390	6.526	0.00	19	3	clay
5.58	21.7	1.530	7.059	-1.80	20	3	clay
5.74	21.2	1.600	7.530	-3.60	20	3	clay
5.91	19.8	1.540	7.796	-3.30	19	3	clay
6.07	18.2	1.390	7.654	-2.70	18	3	clay
6.23	18.0	1.330	7.405	-2.70	17	3	clay
6.40	17.1	1.310	7.680	-3.00	17	3	clay
6.56	16.8	1.250	7.458	-2.70	16	3	clay
6.73	16.8	1.270	7.578	-2.80	16	3	clay
6.89	16.8	1.290	7.699	-3.10	16	3	clay
7.05	16.5	1.280	7.778	-3.00	16	3	clay
7.22	16.9	1.280	7.588	-2.20	16	3	clay
7.38	17.4	1.350	7.769	-1.60	17	3	clay
7.55	17.5	1.460	8.353	-1.50	17	3	clay
7.71	17.5	1.450	8.297	-1.60	16	3	clay
7.87	16.5	1.340	8.132	-1.50	16	3	clay
8.04	15.9	1.280	8.056	-0.80	15	3	clay
8.20	15.3	1.270	8.308	-0.90	15	3	clay
8.37	15.4	1.270	8.262	-2.00	14	3	clay
8.53	14.0	1.150	8.227	-1.50	14	3	clay
8.69	13.0	1.060	8.162	-0.90	12	3	clay
8.86	11.8	0.930	7.892	-1.10	11	3	clay
9.02	10.0	0.790	7.902	-0.20	10	3	clay

*Soil behavior type and SPT based on data from UBC-1983

Depth (ft)	Qt (TSF)	Fs (TSF)	Fs/Qt (%)	Pw (PSI)	SPT N* 60% Hammer	Zone	Soil Behavior Type UBC-1983
9.19	9.3	0.700	7.516	0.90	9	3	clay
9.35	9.2	0.670	7.271	1.00	9	3	clay
9.51	9.1	0.650	7.136	0.60	9	3	clay
9.68	8.4	0.680	8.090	0.40	8	3	clay
9.84	9.0	0.710	7.880	0.70	9	3	clay
10.01	10.5	0.720	6.850	0.80	9	3	clay
10.17	9.9	0.710	7.167	0.50	10	3	clay
10.33	9.8	0.680	6.936	0.30	10	3	clay
10.50	10.2	0.650	6.371	0.20	10	3	clay
10.66	10.4	0.710	6.824	0.30	10	3	clay
10.83	11.3	0.790	6.988	0.30	11	3	clay
10.99	12.4	0.850	6.852	0.40	12	3	clay
11.15	12.6	0.840	6.664	0.40	12	3	clay
11.32	12.6	0.840	6.664	0.30	12	3	clay
11.48	13.2	0.900	6.815	0.40	12	3	clay
11.65	13.2	0.870	6.589	0.30	13	3	clay
11.81	14.4	0.860	5.971	0.20	14	3	clay
11.98	15.2	0.870	5.723	0.10	14	3	clay
12.14	14.6	0.850	5.822	-0.10	14	3	clay
12.30	14.0	0.820	5.858	-0.10	13	3	clay
12.47	13.4	0.830	6.197	-0.40	13	3	clay
12.63	12.7	0.840	6.619	-0.70	12	3	clay
12.80	11.5	0.760	6.619	-1.20	11	3	clay
12.96	9.6	0.630	6.579	-1.70	10	3	clay
13.12	9.1	0.550	6.056	-1.30	9	3	clay
13.29	9.6	0.530	5.530	-1.10	10	3	clay
13.45	13.1	0.600	4.585	-0.90	13	3	clay
13.62	17.3	0.610	3.528	-0.70	10	4	silty clay to clay
13.78	18.6	0.620	3.335	-0.50	11	4	silty clay to clay
13.94	16.8	0.610	3.632	-0.40	11	4	silty clay to clay
14.11	15.4	0.560	3.637	-0.30	10	4	silty clay to clay
14.27	13.9	0.500	3.598	-0.30	9	4	silty clay to clay
14.44	12.0	0.420	3.501	-0.20	8	4	silty clay to clay
14.60	10.9	0.370	3.395	-0.20	7	4	silty clay to clay
14.76	10.7	0.350	3.271	-0.10	7	4	silty clay to clay
14.93	11.6	0.380	3.276	0.00	8	4	silty clay to clay
15.09	13.0	0.400	3.077	0.00	8	4	silty clay to clay
15.26	13.4	0.480	3.582	0.00	9	4	silty clay to clay
15.42	14.3	0.520	3.633	0.90	9	4	silty clay to clay
15.58	14.1	0.430	3.047	1.00	9	4	silty clay to clay
15.75	13.0	0.400	3.073	1.10	9	4	silty clay to clay
15.91	14.6	0.400	2.737	1.10	7	5	clayey silt to silty cla
16.08	15.1	0.420	2.778	1.30	7	5	clayey silt to silty cla
16.24	14.4	0.430	2.982	1.40	7	5	clayey silt to silty cla
16.40	13.2	0.380	2.874	1.50	9	4	silty clay to clay
16.57	12.3	0.320	2.597	1.60	8	4	silty clay to clay
16.73	11.8	0.310	2.622	1.70	6	5	clayey silt to silty cla
16.90	14.1	0.310	2.195	1.80	7	5	clayey silt to silty cla
17.06	16.7	0.320	1.913	1.90	7	5	clayey silt to silty cla
17.22	15.6	0.290	1.855	2.10	7	5	clayey silt to silty cla
17.39	14.4	0.180	1.247	2.30	7	5	clayey silt to silty cla
17.55	13.7	0.390	2.840	2.40	8	5	clayey silt to silty cla
17.72	25.1	0.760	3.034	3.70	18	7	silty sand to sandy silt
17.88	126.4	1.200	0.950	-9.80	27	8	sand to silty sand
18.04	185.5	1.290	0.695	-11.90	34	9	sand
18.21	214.4	0.990	0.462	-11.60	39	9	sand
18.37	216.3	2.290	1.059	-11.70	39	9	sand
18.54	184.0	3.770	2.049	-11.80	44	8	sand to silty sand
18.70	156.2	3.750	2.400	-12.40	53	7	silty sand to sandy silt
18.86	158.2	3.560	2.250	-12.80	50	7	silty sand to sandy silt

*Soil behavior type and SPT based on data from UBC-1983

Depth (ft)	Qt (TSF)	Fs (TSF)	Fs/Qt (%)	Pw (PSI)	SPT N* 60% Hammer	Zone	Soil Behavior Type UBC-1983
19.03	153.8	3.290	2.139	-8.10	48	7	silty sand to sandy silt
19.19	138.3	3.550	2.568	-9.60	45	7	silty sand to sandy silt
19.36	130.2	3.120	2.397	-10.10	40	7	silty sand to sandy silt
19.52	110.5	2.820	2.553	-8.70	40	6	sandy silt to clayey sil
19.69	69.7	2.480	3.560	-9.40	28	6	sandy silt to clayey sil
19.85	39.1	1.430	3.660	-8.90	22	5	clayey silt to silty cla
20.01	28.3	1.080	3.819	-8.60	14	5	clayey silt to silty cla
20.18	22.7	0.850	3.748	-8.60	12	5	clayey silt to silty cla
20.34	25.0	0.820	3.283	-8.40	16	4	silty clay to clay
20.51	29.4	1.260	4.289	-8.30	20	4	silty clay to clay
20.67	41.7	1.840	4.415	-8.30	23	5	clayey silt to silty cla
20.83	75.1	2.160	2.877	-8.30	29	6	sandy silt to clayey sil
21.00	112.8	1.740	1.543	-8.90	25	8	sand to silty sand
21.16	131.2	0.920	0.701	-0.90	30	8	sand to silty sand
21.33	138.1	0.810	0.586	0.80	27	9	sand
21.49	157.7	0.730	0.463	0.50	30	9	sand
21.65	172.7	0.760	0.440	-2.70	32	9	sand
21.82	171.4	0.700	0.408	-3.70	34	9	sand
21.98	183.2	0.520	0.284	-4.60	35	9	sand
22.15	195.4	0.530	0.271	-6.10	36	9	sand
22.31	183.7	0.630	0.343	-6.70	36	9	sand
22.47	184.3	0.730	0.396	-7.00	35	9	sand
22.64	175.8	0.830	0.472	-10.20	34	9	sand
22.80	175.7	0.790	0.450	-10.30	34	9	sand
22.97	183.9	0.610	0.332	-10.60	36	9	sand
23.13	201.2	0.580	0.288	-10.80	38	9	sand
23.29	211.7	0.490	0.231	-10.90	39	9	sand
23.46	205.5	0.450	0.219	-10.80	40	9	sand
23.62	212.7	0.540	0.254	-10.90	39	9	sand
23.79	195.4	0.520	0.266	-11.00	36	9	sand
23.95	156.4	0.600	0.384	-10.90	30	9	sand
24.11	117.8	0.470	0.399	-10.80	22	9	sand
24.28	65.8	0.820	1.245	-10.80	18	8	sand to silty sand
24.44	39.6	1.040	2.623	-10.60	16	6	sandy silt to clayey sil
24.61	21.0	0.770	3.658	-10.50	12	5	clayey silt to silty cla
24.77	11.6	0.640	5.540	-10.20	10	5	clayey silt to silty cla
24.93	30.0	0.630	2.103	-10.10	10	5	clayey silt to silty cla
25.10	19.3	0.520	2.701	-10.10	10	5	clayey silt to silty cla
25.26	13.2	0.430	3.268	-10.00	7	5	clayey silt to silty cla
25.43	12.6	0.340	2.707	-9.80	8	4	silty clay to clay
25.59	12.4	0.370	2.994	-9.80	8	4	silty clay to clay
25.75	13.2	0.430	3.267	-9.70	8	4	silty clay to clay
25.92	13.7	0.430	3.148	-9.70	9	4	silty clay to clay
26.08	13.9	0.470	3.391	-9.70	9	4	silty clay to clay
26.25	14.2	0.490	3.460	-9.70	9	4	silty clay to clay
26.41	13.9	0.490	3.535	-9.60	9	4	silty clay to clay
26.57	13.8	0.470	3.415	-9.60	9	4	silty clay to clay
26.74	13.7	0.450	3.294	-9.60	9	4	silty clay to clay
26.90	13.9	0.440	3.174	-9.50	9	4	silty clay to clay
27.07	14.2	0.450	3.177	-9.50	9	4	silty clay to clay
27.23	14.3	0.470	3.295	-9.40	9	4	silty clay to clay
27.40	15.0	0.490	3.274	-9.40	9	4	silty clay to clay
27.56	15.4	0.490	3.189	-9.40	10	4	silty clay to clay
27.72	15.4	0.510	3.319	-9.30	10	4	silty clay to clay
27.89	16.5	0.550	3.340	-9.20	10	4	silty clay to clay
28.05	17.0	0.610	3.595	-9.30	11	4	silty clay to clay
28.22	16.9	0.620	3.676	-9.20	11	4	silty clay to clay
28.38	15.8	0.540	3.424	-9.10	10	4	silty clay to clay
28.54	14.1	0.500	3.553	-8.90	9	4	silty clay to clay
28.71	13.8	0.510	3.703	-8.90	9	4	silty clay to clay

*Soil behavior type and SPT based on data from UBC-1983

Depth (ft)	Qt (TSF)	Fs (TSF)	Fs/Qt (%)	Pw (PSI)	SPT N* 60% Hammer	Zone	Soil Behavior Type UBC-1983
28.87	14.9	0.520	3.496	-8.80	9	4	silty clay to clay
29.04	15.8	0.530	3.360	-8.70	10	4	silty clay to clay
29.20	17.0	0.550	3.240	-8.60	8	5	clayey silt to silty cla
29.36	19.9	0.670	3.371	-8.50	10	5	clayey silt to silty cla
29.53	24.9	0.700	2.813	-8.30	11	5	clayey silt to silty cla
29.69	25.4	0.730	2.876	-8.20	12	5	clayey silt to silty cla
29.86	25.1	0.690	2.751	-8.20	12	5	clayey silt to silty cla
30.02	24.1	0.650	2.699	-8.10	12	5	clayey silt to silty cla
30.18	24.1	0.650	2.699	-7.90	12	5	clayey silt to silty cla
30.35	24.6	0.670	2.725	-7.80	12	5	clayey silt to silty cla
30.51	24.1	0.710	2.948	-7.80	12	5	clayey silt to silty cla
30.68	23.8	0.700	2.943	-7.70	11	5	clayey silt to silty cla
30.84	23.6	0.690	2.925	-7.70	11	5	clayey silt to silty cla
31.00	22.7	0.560	2.468	-7.60	11	5	clayey silt to silty cla
31.17	20.7	0.490	2.368	-7.50	10	5	clayey silt to silty cla
31.33	18.1	0.430	2.376	-7.20	9	5	clayey silt to silty cla
31.50	16.1	0.390	2.423	-7.20	8	5	clayey silt to silty cla
31.66	14.3	0.360	2.518	-7.20	7	5	clayey silt to silty cla
31.82	12.1	0.330	2.728	-7.10	6	5	clayey silt to silty cla
31.99	10.3	0.280	2.719	-7.10	7	4	silty clay to clay
32.15	9.5	0.230	2.421	-6.90	6	4	silty clay to clay
32.32	9.4	0.200	2.128	-6.90	6	4	silty clay to clay
32.48	9.8	0.210	2.142	-6.80	5	5	clayey silt to silty cla
32.64	10.7	0.230	2.149	-6.70	6	5	clayey silt to silty cla
32.81	14.2	0.260	1.830	-6.60	7	5	clayey silt to silty cla
32.97	16.6	0.300	1.807	-6.50	8	5	clayey silt to silty cla
33.14	18.3	0.320	1.748	-6.30	7	6	sandy silt to clayey sil
33.30	20.2	0.380	1.880	-6.10	8	6	sandy silt to clayey sil
33.46	22.3	0.430	1.927	-5.90	8	6	sandy silt to clayey sil
33.63	23.4	0.540	2.306	-5.60	12	5	clayey silt to silty cla
33.79	27.6	0.860	3.113	-5.30	14	5	clayey silt to silty cla
33.96	36.2	1.130	3.119	-5.00	17	5	clayey silt to silty cla
34.12	39.6	1.310	3.306	-4.80	18	5	clayey silt to silty cla
34.28	40.0	1.180	2.947	-4.50	19	5	clayey silt to silty cla
34.45	41.5	1.400	3.370	-4.20	21	5	clayey silt to silty cla
34.61	48.4	2.700	5.573	-3.70	27	6	sandy silt to clayey sil
34.78	119.4	2.850	2.386	-3.60	41	7	silty sand to sandy silt
34.94	219.9	2.350	1.069	-5.70	38	9	sand
35.10	261.6	2.110	0.807	-5.70	47	9	sand
35.27	249.6	3.190	1.278	-8.00	47	9	sand
35.43	219.0	4.430	2.023	-9.30	56	8	sand to silty sand
35.60	230.0	5.020	2.183	-10.20	61	8	sand to silty sand
35.76	310.8	5.180	1.666	-11.40	73	8	sand to silty sand
35.93	369.9	3.760	1.016	-11.40	69	9	sand
36.09	397.2	3.410	0.858	-11.50	66	10	gravelly sand to sand
36.25	479.6	2.540	0.530	-11.30	71	10	gravelly sand to sand
36.42	457.5	2.430	0.531	-11.30	68	10	gravelly sand to sand
36.58	342.5	1.810	0.528	-11.20	54	10	gravelly sand to sand
36.75	220.3	2.030	0.921	-11.00	42	9	sand
36.91	93.3	2.530	2.710	-11.00	38	7	silty sand to sandy silt
37.07	42.5	2.130	5.006	-10.70	26	5	clayey silt to silty cla
37.24	25.0	0.890	3.567	-10.40	20	4	silty clay to clay
37.40	28.7	0.730	2.548	-10.20	13	5	clayey silt to silty cla
37.57	28.0	1.020	3.649	-10.20	16	5	clayey silt to silty cla
37.73	40.6	1.300	3.206	-10.10	24	4	silty clay to clay
37.89	43.3	2.450	5.664	-10.10	28	5	clayey silt to silty cla
38.06	91.0	3.420	3.760	-10.20	33	6	sandy silt to clayey sil
38.22	126.1	2.640	2.094	-10.40	39	7	silty sand to sandy silt
38.39	153.2	2.550	1.664	-10.50	37	8	sand to silty sand
38.55	187.1	1.540	0.823	-10.90	36	9	sand

*Soil behavior type and SPT based on data from UBC-1983

Depth (ft)	Qt (TSF)	Fs (TSF)	Fs/Qt (%)	Pw (PSI)	SPT N* 60% Hammer	Zone	Soil Behavior Type UBC-1983
38.71	229.2	1.390	0.606	-11.00	42	9	sand
38.88	241.5	1.640	0.679	-11.00	44	9	sand
39.04	219.4	2.370	1.080	-11.10	42	9	sand
39.21	200.4	1.960	0.978	-11.40	40	9	sand
39.37	204.2	1.140	0.558	-11.90	38	9	sand
39.53	184.0	1.740	0.946	-12.00	35	9	sand
39.70	153.5	2.560	1.667	-12.00	44	8	sand to silty sand
39.86	208.3	2.870	1.378	-12.00	39	9	sand
40.03	246.0	2.350	0.955	-12.60	45	9	sand
40.19	246.8	2.410	0.976	-12.70	48	9	sand
40.35	258.6	2.510	0.971	-12.80	50	9	sand
40.52	280.1	2.430	0.868	-12.90	53	9	sand
40.68	287.9	2.250	0.781	-12.80	55	9	sand
40.85	294.6	2.110	0.716	-12.80	57	9	sand
41.01	316.6	1.560	0.493	-13.00	49	10	gravelly sand to sand
41.17	315.9	1.330	0.421	-12.90	47	10	gravelly sand to sand
41.34	246.1	1.380	0.561	-13.00	45	9	sand
41.50	146.1	2.090	1.430	-13.00	38	8	sand to silty sand
41.67	87.7	2.010	2.292	-13.00	33	7	silty sand to sandy silt
41.83	72.7	2.810	3.865	-13.00	30	6	sandy silt to clayey sil
41.99	72.1	2.320	3.217	-13.00	29	5	clayey silt to silty cla
42.16	39.7	2.010	5.062	-13.10	23	5	clayey silt to silty cla
42.32	29.2	1.260	4.313	-13.10	22	4	silty clay to clay
42.49	33.1	1.060	3.201	-13.10	14	5	clayey silt to silty cla
42.65	22.9	0.850	3.710	-13.10	12	5	clayey silt to silty cla
42.81	17.2	0.460	2.673	-13.20	9	5	clayey silt to silty cla
42.98	15.8	0.330	2.087	-13.20	8	5	clayey silt to silty cla
43.14	14.5	0.260	1.792	-13.20	7	5	clayey silt to silty cla
43.31	14.0	0.250	1.785	-13.30	7	5	clayey silt to silty cla
43.47	14.4	0.270	1.874	-13.30	7	5	clayey silt to silty cla
43.64	14.7	0.300	2.040	-13.30	7	5	clayey silt to silty cla
43.80	14.8	0.330	2.228	-13.30	7	5	clayey silt to silty cla
43.96	15.7	0.370	2.355	-13.30	8	5	clayey silt to silty cla
44.13	16.7	0.420	2.514	-13.40	8	5	clayey silt to silty cla
44.29	17.5	0.450	2.570	-13.30	8	5	clayey silt to silty cla
44.46	18.0	0.480	2.666	-13.40	9	5	clayey silt to silty cla
44.62	18.1	0.500	2.761	-13.40	9	5	clayey silt to silty cla
44.78	18.8	0.530	2.818	-13.40	9	5	clayey silt to silty cla
44.95	19.5	0.550	2.819	-13.40	9	5	clayey silt to silty cla
45.11	19.0	0.540	2.841	-13.50	9	5	clayey silt to silty cla
45.28	18.2	0.540	2.966	-13.40	9	5	clayey silt to silty cla
45.44	17.8	0.500	2.808	-13.30	8	5	clayey silt to silty cla
45.60	16.7	0.480	2.873	-13.30	8	5	clayey silt to silty cla
45.77	17.1	0.490	2.864	-13.30	8	5	clayey silt to silty cla
45.93	18.1	0.550	3.037	-13.30	9	5	clayey silt to silty cla
46.10	19.0	0.570	2.998	-13.20	9	5	clayey silt to silty cla
46.26	19.6	0.620	3.162	-13.20	9	5	clayey silt to silty cla
46.42	20.3	0.630	3.102	-13.20	10	5	clayey silt to silty cla
46.59	20.2	0.750	3.711	-13.10	13	4	silty clay to clay
46.75	22.3	1.130	5.065	-13.10	13	5	clayey silt to silty cla
46.92	40.1	1.040	2.593	-13.00	15	5	clayey silt to silty cla
47.08	32.3	1.200	3.714	-13.00	22	4	silty clay to clay
47.24	31.0	1.900	6.126	-12.90	27	4	silty clay to clay
47.41	63.1	2.970	4.706	-12.90	40	4	silty clay to clay
47.57	92.9	4.470	4.811	-12.80	83	11	very stiff fine grained (
47.74	105.0	5.260	5.009	-12.90	107	11	very stiff fine grained (
47.90	136.4	5.120	3.753	-12.80	51	6	sandy silt to clayey sil
48.06	158.8	3.860	2.431	-12.90	50	6	sandy silt to clayey sil
48.23	95.5	3.080	3.225	-13.10	38	6	sandy silt to clayey sil
48.39	45.0	2.380	5.287	-12.80	27	5	clayey silt to silty cla

*Soil behavior type and SPT based on data from UBC-1983

Depth (ft)	Qt (TSF)	Fs (TSF)	Fs/Qt (%)	Pw (PSI)	SPT N* 60% Hammer	Zone	Soil Behavior Type UBC-1983
48.56	31.6	1.460	4.618	-12.80	33	3	clay
48.72	27.6	1.120	4.055	-12.70	19	4	silty clay to clay
48.88	27.9	0.920	3.295	-12.60	13	5	clayey silt to silty cla
49.05	23.1	0.880	3.806	-12.60	16	4	silty clay to clay
49.21	22.8	0.990	4.339	-12.60	15	4	silty clay to clay
49.38	23.8	0.790	3.317	-12.60	14	4	silty clay to clay
49.54	19.7	0.960	4.869	-12.60	15	4	silty clay to clay
49.70	28.1	0.960	3.414	-12.50	14	5	clayey silt to silty cla
49.87	39.2	1.100	2.805	-12.50	20	4	silty clay to clay
50.03	27.5	1.650	5.996	-12.50	29	4	silty clay to clay
50.20	69.4	3.080	4.437	-12.50	35	6	sandy silt to clayey sil
50.36	178.6	3.620	2.027	-12.40	40	7	silty sand to sandy silt
50.52	129.9	3.370	2.594	-12.60	38	7	silty sand to sandy silt
50.69	48.3	2.370	4.905	-12.50	33	5	clayey silt to silty cla
50.85	27.0	1.350	4.996	-12.50	32	3	clay
51.02	25.1	1.080	4.299	-12.40	25	3	clay
51.18	24.8	1.090	4.391	-12.30	15	4	silty clay to clay
51.35	21.6	0.850	3.931	-12.30	14	4	silty clay to clay
51.51	19.5	0.640	3.278	-12.30	10	5	clayey silt to silty cla
51.67	20.7	0.540	2.605	-12.10	10	5	clayey silt to silty cla
51.84	21.6	0.520	2.405	-12.10	10	5	clayey silt to silty cla
52.00	23.1	0.540	2.335	-12.10	11	5	clayey silt to silty cla
52.17	23.4	0.570	2.433	-12.10	11	5	clayey silt to silty cla
52.33	24.7	0.620	2.507	-12.00	12	5	clayey silt to silty cla
52.49	26.0	0.660	2.536	-12.10	12	5	clayey silt to silty cla
52.66	27.1	0.740	2.728	-12.00	13	5	clayey silt to silty cla
52.82	28.6	0.740	2.585	-12.00	11	6	sandy silt to clayey sil
52.99	28.4	0.700	2.462	-11.90	11	6	sandy silt to clayey sil
53.15	27.2	0.660	2.424	-11.90	11	6	sandy silt to clayey sil
53.31	27.1	0.660	2.433	-11.90	11	6	sandy silt to clayey sil
53.48	29.5	0.690	2.337	-11.90	11	6	sandy silt to clayey sil
53.64	29.9	0.840	2.807	-11.80	15	5	clayey silt to silty cla
53.81	33.6	1.390	4.133	-11.80	22	5	clayey silt to silty cla
53.97	75.8	3.420	4.510	-11.70	35	7	silty sand to sandy silt
54.13	215.8	3.540	1.640	-11.70	46	9	sand
54.30	436.8	2.440	0.559	-11.60	62	10	gravelly sand to sand
54.46	506.1	2.400	0.474	-10.20	77	10	gravelly sand to sand
54.63	508.9	2.580	0.507	-10.30	77	10	gravelly sand to sand
54.79	430.2	3.750	0.872	-8.60	83	9	sand
54.95	353.7	5.900	1.668	-9.80	83	8	sand to silty sand
55.12	254.5	7.340	2.884	-11.10	73	8	sand to silty sand
55.28	311.4	5.710	1.833	-11.70	76	8	sand to silty sand
55.45	388.2	3.400	0.876	-11.80	73	9	sand
55.61	442.2	3.130	0.708	-11.80	0	0	<out of range>
55.77	429.9	-32768	-32768	-11.80	0	0	<out of range>
55.94	490.8	-32768	-32768	-11.90	0	0	<out of range>

*Soil behavior type and SPT based on data from UBC-1983