



Job No: 23-56-25523
Client: GEI Consultants
Project: Terminal Dam Geotechnical Investigation
Sounding ID: 22-09C
Date: 03:31:23 08:14

Seismic Source: Beam
Seismic Offset (ft): 2.10
Source Depth (ft): 0.00
Geophone Offset (ft): 0.82

SCPT_u SHEAR WAVE VELOCITY TEST RESULTS - V_s

Tip Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Ray Path Difference (ft)	Travel Time Interval (ms)	Interval Velocity (ft/s)
5.09	4.27	4.75			
10.11	9.29	9.52	4.77	6.18	771
15.09	14.27	14.43	4.91	5.11	961
20.01	19.19	19.31	4.88	5.02	973
25.10	24.28	24.37	5.06	4.32	1172
30.25	29.43	29.50	5.14	5.81	885
35.60	34.78	34.84	5.34	5.78	923
40.03	39.21	39.26	4.42	3.98	1110
45.21	44.39	44.44	5.18	4.57	1133
50.13	49.31	49.36	4.92	4.92	1000
55.05	54.23	54.27	4.92	5.21	944
60.04	59.22	59.26	4.98	5.29	943
65.13	64.31	64.34	5.08	6.00	847
70.05	69.23	69.26	4.92	8.53	577
75.07	74.25	74.28	5.02	9.64	521
80.12	79.30	79.33	5.05	8.49	595
85.14	84.32	84.34	5.02	9.38	535
90.81	89.99	90.02	5.67	8.40	675
95.14	94.32	94.35	4.33	5.72	757
100.07	99.25	99.27	4.92	6.08	810
105.15	104.33	104.35	5.08	6.88	739
110.17	109.35	109.37	5.02	6.35	791
115.16	114.34	114.36	4.99	5.45	915
121.00	120.18	120.20	5.84	6.26	933
125.07	124.25	124.26	4.07	4.92	828
130.09	129.27	129.28	5.02	4.21	1193
135.24	134.42	134.43	5.15	3.57	1443