



Job No: 23-56-25523
Client: GEI Consultants
Project: Terminal Dam Geotechnical Investigation
Sounding ID: 22-11C
Date: 03:28:23 10:14

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

SCPTu SHEAR WAVE VELOCITY TEST RESULTS - Vs

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			
10.01	9.19	9.42	4.67	5.44	859
15.09	14.27	14.43	5.00	4.84	1035
20.08	19.26	19.37	4.95	4.93	1002
25.10	24.28	24.37	5.00	4.64	1078
30.12	29.30	29.37	5.00	4.43	1129
35.11	34.29	34.35	4.98	4.94	1008
40.19	39.37	39.43	5.08	5.44	933
45.11	44.29	44.34	4.92	5.14	957
50.13	49.31	49.36	5.01	4.73	1059
55.12	54.30	54.34	4.98	4.73	1053
60.11	59.29	59.32	4.98	4.53	1099
65.06	64.24	64.27	4.95	5.59	886
70.14	69.32	69.36	5.08	7.81	651
75.13	74.31	74.34	4.99	8.96	556
80.12	79.30	79.33	4.99	9.17	544
90.06	89.24	89.26	9.94	13.17	755
95.14	94.32	94.35	5.08	5.63	904
100.07	99.25	99.27	4.92	4.22	1166
105.15	104.33	104.35	5.08	4.62	1100
107.71	106.89	106.91	2.56	2.46	1041
108.66	107.84	107.86	0.95	0.90	1056