



Job No: 23-56-25523  
Client: GEI Consultants  
Project: Terminal Dam Geotechnical Investigation  
Sounding ID: 22-03C  
Date: 03:29:23 14:15

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	5.36	872
15.09	14.27	14.43	5.00	4.91	1019
20.34	19.52	19.63	5.21	4.65	1119
25.10	24.28	24.37	4.74	4.14	1145
30.25	29.43	29.50	5.14	6.39	804
35.11	34.29	34.35	4.85	9.11	532
40.12	39.30	39.36	5.01	10.22	491
45.11	44.29	44.34	4.98	9.51	524
50.13	49.31	49.36	5.01	9.61	522
55.12	54.30	54.34	4.98	9.66	516
60.11	59.29	59.32	4.98	8.75	569
65.13	64.31	64.34	5.02	5.87	855
70.14	69.32	69.36	5.02	5.77	870
75.46	74.64	74.67	5.31	6.07	875
80.22	79.40	79.43	4.76	5.77	825
85.24	84.42	84.44	5.02	4.86	1033
90.22	89.40	89.43	4.99	4.65	1072
95.14	94.32	94.35	4.92	5.82	845
100.13	99.31	99.33	4.99	5.95	838
105.15	104.33	104.35	5.02	5.50	913
110.17	109.35	109.37	5.02	6.05	829
115.16	114.34	114.36	4.99	6.05	824
120.90	120.08	120.10	5.74	7.27	790