



Job No: 23-56-25523
Client: GEI Consultants
Project: Terminal Dam Geotechnical Investigation
Sounding ID: 22-08C
Date: 03:30:23 11:50

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 | 4.04 | 1181 |
| 15.09 | 14.27 | 14.43 | 4.91 | 4.44 | 1105 |
| 20.08 | 19.26 | 19.37 | 4.95 | 6.03 | 820 |
| 25.10 | 24.28 | 24.37 | 5.00 | 6.72 | 744 |
| 30.12 | 29.30 | 29.37 | 5.00 | 9.33 | 536 |
| 35.11 | 34.29 | 34.35 | 4.98 | 10.82 | 460 |
| 40.12 | 39.30 | 39.36 | 5.01 | 9.94 | 504 |
| 45.11 | 44.29 | 44.34 | 4.98 | 10.10 | 493 |
| 50.13 | 49.31 | 49.36 | 5.01 | 11.08 | 453 |
| 55.05 | 54.23 | 54.27 | 4.92 | 9.41 | 523 |
| 60.11 | 59.29 | 59.32 | 5.05 | 9.33 | 541 |
| 65.13 | 64.31 | 64.34 | 5.02 | 7.30 | 687 |
| 70.87 | 70.05 | 70.08 | 5.74 | 6.56 | 875 |
| 75.13 | 74.31 | 74.34 | 4.26 | 6.39 | 667 |
| 78.08 | 77.26 | 77.29 | 2.95 | 3.62 | 815 |
| 85.04 | 84.22 | 84.25 | 6.95 | 7.31 | 952 |
| 90.22 | 89.40 | 89.43 | 5.18 | 4.23 | 1227 |