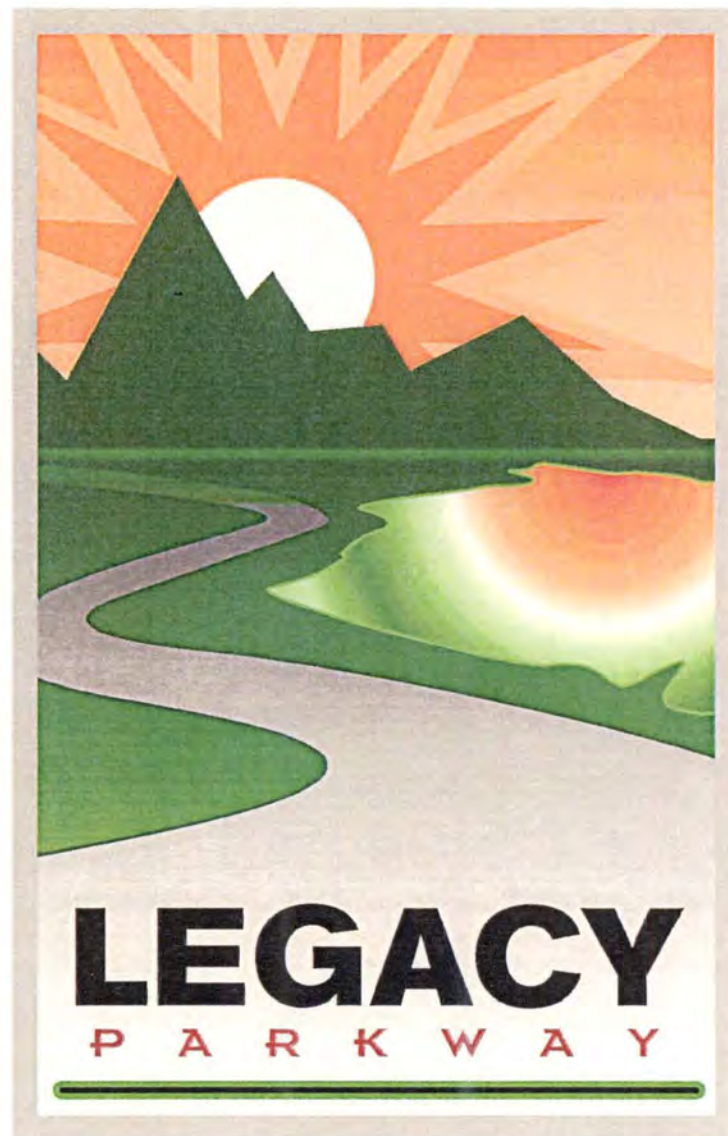


REPORT OF GEOTECHNICAL FIELD
AND LABORATORY INVESTIGATIONS
LEGACY PARKWAY PREFERRED ALTERNATIVE
SALT LAKE AND DAVIS COUNTIES, UTAH

VOLUME 3 OF 4



Prepared for: **HDR** and **UTDOT**
GOING THE EXTRA MILE

Prepared by: **KH** KLEINFELDER

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-2867
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-1-244
 Location: STRUCTURE 1
 Cone: 20 TON A 058
 CPT Date: 00/23/02
 CPT Time: 10:46
 CPT File: 300SC244.COR

 Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 0.25 | 0.08 | 453.8 | 8.6 | 1.9 | 1.4 | 0.0 | 3.0 | 6.1 | 30.2 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 562.9 | 11.6 | 2.1 | 4.1 | 0.0 | 3.8 | 7.5 | 37.3 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 432.0 | 6.9 | 1.6 | 6.3 | 0.0 | 2.2 | 4.3 | 28.4 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 708.7 | 2.9 | 0.4 | 8.2 | 0.0 | 3.5 | 7.1 | 46.7 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 444.6 | 2.0 | 0.4 | 10.1 | 0.0 | 2.2 | 4.4 | 29.0 | 0.0 | 0.0 | 6.0 |
| 2.71 | 0.82 | 375.4 | 2.0 | 0.5 | 12.0 | 0.0 | 1.9 | 3.8 | 24.2 | 0.0 | 0.0 | 6.0 |
| 3.20 | 0.97 | 574.7 | 15.2 | 2.6 | 14.2 | 0.0 | 5.7 | 11.5 | 37.4 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 540.3 | 22.4 | 4.1 | 15.4 | 1.0 | 5.4 | 10.8 | 34.9 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 792.8 | 11.2 | 1.4 | 16.4 | 2.2 | 4.0 | 7.9 | 51.6 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 1099.8 | 5.7 | 0.5 | 17.6 | 3.7 | 4.4 | 8.8 | 71.9 | 30.0 | 40.0 | 10.0 |
| 5.00 | 1.53 | 1090.7 | 8.0 | 0.7 | 18.9 | 5.2 | 4.4 | 8.7 | 71.1 | 30.0 | 40.0 | 6.0 |
| 5.50 | 1.67 | 1965.0 | 16.9 | 0.9 | 20.1 | 6.6 | 7.9 | 15.7 | 129.2 | 43.6 | 42.0 | 10.0 |
| 5.99 | 1.83 | 1363.1 | 18.6 | 1.4 | 21.3 | 8.1 | 5.5 | 10.9 | 88.9 | 32.3 | 40.0 | 10.0 |
| 6.56 | 2.00 | 1320.7 | 18.0 | 1.4 | 22.8 | 9.8 | 5.3 | 10.6 | 85.9 | 30.5 | 40.0 | 6.0 |
| 7.14 | 2.17 | 1152.1 | 17.0 | 1.5 | 24.2 | 11.5 | 5.8 | 11.5 | 74.4 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 1914.2 | 19.7 | 1.0 | 25.4 | 13.0 | 7.7 | 14.9 | 125.1 | 39.5 | 40.0 | 10.0 |
| 8.12 | 2.47 | 3677.2 | 12.1 | 0.3 | 26.7 | 14.5 | 12.3 | 23.2 | 0.0 | 57.5 | 44.0 | 1.0 |
| 8.61 | 2.62 | 1587.4 | 28.5 | 1.8 | 28.0 | 15.9 | 6.3 | 11.8 | 102.9 | 32.8 | 40.0 | 6.0 |
| 9.10 | 2.78 | 556.0 | 6.5 | 1.2 | 28.8 | 17.4 | 2.8 | 5.1 | 34.0 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 671.2 | 2.1 | 0.3 | 29.2 | 18.9 | 3.4 | 6.1 | 41.5 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 616.6 | 2.7 | 0.4 | 29.6 | 20.4 | 3.1 | 5.5 | 37.8 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 591.6 | 2.3 | 0.4 | 30.0 | 21.8 | 3.0 | 5.3 | 36.0 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 665.7 | 2.0 | 0.3 | 30.4 | 23.3 | 3.3 | 5.9 | 40.8 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 574.2 | 2.0 | 0.3 | 30.8 | 24.8 | 2.9 | 5.1 | 34.6 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 580.8 | 2.0 | 0.3 | 31.2 | 26.2 | 2.9 | 5.1 | 34.9 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 555.3 | 2.0 | 0.4 | 31.6 | 27.7 | 2.8 | 4.8 | 33.1 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 572.3 | 2.0 | 0.3 | 32.0 | 29.2 | 2.9 | 5.0 | 34.1 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 503.1 | 2.0 | 0.4 | 32.4 | 30.7 | 2.5 | 4.3 | 29.3 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 520.6 | 2.0 | 0.4 | 32.8 | 32.1 | 2.6 | 4.4 | 30.4 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 393.4 | 2.0 | 0.5 | 33.2 | 33.6 | 2.0 | 3.3 | 21.8 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 411.2 | 2.0 | 0.5 | 33.6 | 35.1 | 2.1 | 3.5 | 22.8 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 677.7 | 2.0 | 0.3 | 34.0 | 36.5 | 3.4 | 5.7 | 40.5 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 560.9 | 2.0 | 0.4 | 34.4 | 38.0 | 2.8 | 4.7 | 32.6 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 584.7 | 2.6 | 0.4 | 34.8 | 39.5 | 2.9 | 4.8 | 34.0 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 1336.8 | 12.6 | 0.9 | 35.6 | 41.0 | 5.3 | 8.8 | 84.0 | 30.0 | 38.0 | 6.0 |
| 17.47 | 5.32 | 620.4 | 3.3 | 0.5 | 36.5 | 42.4 | 3.1 | 5.0 | 36.1 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 545.6 | 2.0 | 0.4 | 36.9 | 43.9 | 2.7 | 4.4 | 31.0 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 463.8 | 2.2 | 0.5 | 37.3 | 45.4 | 2.3 | 3.7 | 25.4 | 0.0 | 0.0 | 3.0 |
| 18.95 | 5.77 | 580.0 | 2.0 | 0.3 | 37.7 | 46.8 | 2.9 | 4.6 | 33.0 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 1317.6 | 4.9 | 0.4 | 38.5 | 48.3 | 5.3 | 8.3 | 82.1 | 30.0 | 36.0 | 6.0 |
| 19.93 | 6.07 | 905.6 | 3.6 | 0.4 | 39.7 | 49.8 | 3.6 | 5.6 | 54.4 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 819.2 | 2.4 | 0.3 | 40.5 | 51.3 | 4.1 | 6.3 | 48.5 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 628.2 | 2.0 | 0.3 | 40.9 | 52.7 | 3.1 | 4.8 | 35.6 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 688.7 | 2.3 | 0.3 | 41.3 | 54.2 | 3.4 | 5.2 | 39.5 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 751.5 | 3.4 | 0.5 | 41.7 | 55.7 | 3.8 | 5.7 | 43.6 | 0.0 | 0.0 | 6.0 |
| 22.39 | 6.82 | 639.8 | 3.1 | 0.5 | 42.1 | 57.1 | 3.2 | 4.8 | 36.0 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 625.1 | 4.2 | 0.7 | 42.5 | 58.6 | 3.1 | 4.7 | 34.9 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N50 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 789.9 | 6.8 | 0.9 | 43.4 | 60.1 | 3.9 | 5.9 | 45.8 | 0.0 | 0.0 | 6.0 |
| 23.87 | 7.27 | 9778.6 | 55.5 | 0.6 | 44.7 | 61.6 | 24.4 | 35.8 | 0.0 | 78.2 | 46.0 | 1.0 |
| 24.36 | 7.43 | 9247.5 | 82.4 | 0.9 | 46.0 | 63.0 | 23.1 | 33.3 | 0.0 | 76.1 | 46.0 | 1.0 |
| 24.85 | 7.57 | 963.7 | 31.2 | 3.2 | 47.3 | 64.5 | 6.4 | 9.1 | 56.8 | 0.0 | 0.0 | 6.0 |
| 25.34 | 7.73 | 706.3 | 3.4 | 0.5 | 48.2 | 66.0 | 3.5 | 5.0 | 39.5 | 0.0 | 0.0 | 3.0 |
| 25.84 | 7.88 | 743.3 | 3.5 | 0.5 | 48.6 | 67.4 | 3.7 | 5.2 | 41.8 | 0.0 | 0.0 | 3.0 |
| 26.33 | 8.02 | 865.1 | 10.6 | 1.2 | 49.4 | 68.9 | 4.3 | 6.0 | 49.8 | 0.0 | 0.0 | 6.0 |
| 26.82 | 8.18 | 8677.3 | 53.0 | 0.6 | 50.7 | 70.4 | 21.7 | 29.8 | 0.0 | 72.9 | 44.0 | 1.0 |
| 27.31 | 8.32 | 20212.7 | 115.7 | 0.6 | 52.1 | 71.9 | 40.4 | 54.8 | 0.0 | 95.0 | 48.0 | 1.0 |
| 27.80 | 8.48 | 21710.2 | 122.1 | 0.6 | 53.6 | 73.3 | 43.4 | 58.1 | 0.0 | 95.0 | 48.0 | 1.0 |
| 28.30 | 8.62 | 12652.6 | 92.6 | 0.7 | 55.0 | 74.8 | 25.3 | 33.4 | 0.0 | 82.6 | 46.0 | 1.0 |
| 28.79 | 8.77 | 1657.2 | 46.1 | 2.8 | 56.4 | 76.3 | 8.3 | 10.8 | 101.6 | 0.0 | 0.0 | 6.0 |
| 29.28 | 8.93 | 2224.9 | 15.5 | 0.7 | 57.6 | 77.7 | 7.4 | 9.6 | 0.0 | 32.1 | 38.0 | 1.0 |
| 29.77 | 9.07 | 1332.4 | 16.3 | 1.2 | 58.9 | 79.2 | 5.3 | 6.8 | 79.6 | 30.0 | 34.0 | 6.0 |
| 30.27 | 9.23 | 1806.8 | 6.3 | 0.3 | 60.2 | 80.7 | 6.0 | 7.6 | 0.0 | 30.0 | 36.0 | 1.0 |
| 30.76 | 9.38 | 4774.4 | 24.2 | 0.5 | 61.5 | 82.2 | 11.9 | 14.9 | 0.0 | 53.1 | 40.0 | 1.0 |
| 31.17 | 9.50 | 5976.6 | 53.6 | 0.9 | 62.6 | 83.4 | 14.9 | 18.5 | 0.0 | 59.2 | 42.0 | 1.0 |
| 31.58 | 9.62 | 1190.3 | 24.6 | 2.1 | 63.7 | 84.6 | 6.0 | 7.3 | 69.5 | 0.0 | 0.0 | 6.0 |
| 32.07 | 9.77 | 1028.7 | 4.9 | 0.5 | 64.9 | 86.1 | 4.1 | 5.0 | 58.5 | 30.0 | 32.0 | 3.0 |
| 32.56 | 9.93 | 1326.6 | 6.8 | 0.5 | 66.2 | 87.6 | 5.3 | 6.4 | 78.2 | 30.0 | 32.0 | 6.0 |
| 33.05 | 10.07 | 1922.6 | 24.2 | 1.3 | 67.4 | 89.0 | 7.7 | 9.2 | 117.7 | 30.0 | 36.0 | 6.0 |
| 33.55 | 10.23 | 929.4 | 3.4 | 0.4 | 68.6 | 90.5 | 3.7 | 4.4 | 51.4 | 30.0 | 30.0 | 3.0 |
| 34.04 | 10.38 | 5748.4 | 55.7 | 1.0 | 69.9 | 92.0 | 19.2 | 22.4 | 0.0 | 56.5 | 42.0 | 1.0 |
| 34.53 | 10.52 | 5978.0 | 81.8 | 1.4 | 71.2 | 93.4 | 19.9 | 23.1 | 0.0 | 57.4 | 42.0 | 1.0 |
| 35.02 | 10.68 | 11570.1 | 154.6 | 1.3 | 72.5 | 94.9 | 28.9 | 33.2 | 0.0 | 76.1 | 44.0 | 1.0 |
| 35.51 | 10.82 | 4263.7 | 37.8 | 0.9 | 73.9 | 96.4 | 14.2 | 16.2 | 0.0 | 47.2 | 40.0 | 1.0 |
| 36.01 | 10.98 | 1278.3 | 18.2 | 1.4 | 75.1 | 97.9 | 5.1 | 5.8 | 73.7 | 30.0 | 32.0 | 3.0 |
| 36.50 | 11.12 | 10708.7 | 79.7 | 0.7 | 76.4 | 99.3 | 26.8 | 30.0 | 0.0 | 73.1 | 44.0 | 1.0 |
| 36.99 | 11.27 | 12640.0 | 174.3 | 1.4 | 77.8 | 100.8 | 31.6 | 35.1 | 0.0 | 77.6 | 44.0 | 1.0 |
| 37.48 | 11.43 | 1683.1 | 51.6 | 3.1 | 79.1 | 102.3 | 8.4 | 9.3 | 100.1 | 0.0 | 0.0 | 6.0 |
| 37.98 | 11.57 | 1483.5 | 19.9 | 1.3 | 80.4 | 103.7 | 5.9 | 6.5 | 86.6 | 30.0 | 32.0 | 6.0 |
| 38.47 | 11.73 | 5868.4 | 31.8 | 0.5 | 81.7 | 105.2 | 14.7 | 15.9 | 0.0 | 54.9 | 40.0 | 1.0 |
| 38.96 | 11.88 | 1642.4 | 34.1 | 2.1 | 83.0 | 106.7 | 8.2 | 8.8 | 96.9 | 0.0 | 0.0 | 6.0 |
| 39.45 | 12.02 | 958.2 | 6.6 | 0.7 | 84.2 | 108.2 | 3.8 | 4.1 | 51.1 | 30.0 | 30.0 | 3.0 |
| 39.94 | 12.18 | 1275.0 | 6.1 | 0.5 | 85.4 | 109.6 | 5.1 | 5.4 | 72.0 | 30.0 | 32.0 | 3.0 |
| 40.44 | 12.32 | 945.3 | 6.3 | 0.7 | 86.7 | 111.1 | 3.8 | 4.0 | 49.8 | 30.0 | 30.0 | 3.0 |
| 40.93 | 12.48 | 1082.7 | 6.8 | 0.6 | 87.9 | 112.6 | 4.3 | 4.5 | 58.8 | 30.0 | 30.0 | 3.0 |
| 41.42 | 12.62 | 1252.6 | 8.8 | 0.7 | 89.1 | 114.0 | 5.0 | 5.2 | 70.0 | 30.0 | 30.0 | 3.0 |
| 41.91 | 12.77 | 1191.4 | 9.4 | 0.8 | 90.3 | 115.5 | 4.8 | 4.9 | 65.7 | 30.0 | 30.0 | 3.0 |
| 42.40 | 12.93 | 1113.0 | 8.0 | 0.7 | 91.6 | 117.0 | 4.5 | 4.6 | 60.3 | 30.0 | 30.0 | 3.0 |
| 42.90 | 13.07 | 1195.4 | 13.0 | 1.1 | 92.8 | 118.5 | 4.8 | 4.9 | 65.6 | 30.0 | 30.0 | 3.0 |
| 43.39 | 13.23 | 2081.7 | 11.2 | 0.5 | 94.1 | 119.9 | 6.9 | 7.0 | 0.0 | 30.0 | 34.0 | 1.0 |
| 43.88 | 13.38 | 1605.9 | 12.5 | 0.8 | 95.3 | 121.4 | 6.4 | 6.4 | 92.6 | 30.0 | 32.0 | 3.0 |
| 44.37 | 13.52 | 1355.3 | 10.4 | 0.8 | 96.6 | 122.9 | 5.4 | 5.4 | 75.7 | 30.0 | 30.0 | 3.0 |
| 44.86 | 13.68 | 1625.1 | 12.0 | 0.7 | 97.8 | 124.3 | 6.5 | 6.4 | 93.5 | 30.0 | 32.0 | 3.0 |
| 45.36 | 13.82 | 2186.4 | 11.4 | 0.5 | 99.0 | 125.8 | 7.3 | 7.2 | 0.0 | 30.0 | 34.0 | 1.0 |
| 45.85 | 13.98 | 1296.8 | 7.5 | 0.6 | 100.3 | 127.3 | 5.2 | 5.1 | 71.3 | 30.0 | 30.0 | 3.0 |
| 46.34 | 14.12 | 1297.8 | 7.7 | 0.6 | 101.5 | 128.8 | 5.2 | 5.0 | 71.2 | 30.0 | 30.0 | 3.0 |
| 46.83 | 14.27 | 1233.9 | 10.4 | 0.8 | 102.8 | 130.2 | 4.9 | 4.8 | 66.7 | 30.0 | 30.0 | 3.0 |
| 47.33 | 14.43 | 1584.7 | 10.9 | 0.7 | 104.0 | 131.7 | 6.3 | 6.1 | 89.9 | 30.0 | 32.0 | 3.0 |
| 47.82 | 14.57 | 1308.6 | 9.4 | 0.7 | 105.2 | 133.2 | 5.2 | 5.0 | 71.3 | 30.0 | 30.0 | 3.0 |
| 48.31 | 14.73 | 3798.1 | 24.9 | 0.7 | 106.5 | 134.6 | 12.7 | 12.0 | 0.0 | 38.6 | 36.0 | 1.0 |
| 48.80 | 14.88 | 5600.7 | 79.2 | 1.4 | 107.8 | 136.1 | 18.7 | 17.6 | 0.0 | 49.6 | 38.0 | 1.0 |
| 49.29 | 15.02 | 9147.2 | 77.1 | 0.8 | 109.1 | 137.6 | 22.9 | 21.4 | 0.0 | 63.5 | 42.0 | 1.0 |
| 49.79 | 15.18 | 6907.4 | 96.6 | 1.4 | 110.5 | 139.1 | 23.0 | 21.4 | 0.0 | 55.2 | 40.0 | 1.0 |
| 50.28 | 15.32 | 1663.8 | 34.9 | 2.1 | 111.7 | 140.5 | 8.3 | 7.7 | 94.1 | 0.0 | 0.0 | 3.0 |
| 50.77 | 15.48 | 1452.1 | 6.3 | 0.4 | 113.0 | 142.0 | 5.8 | 5.3 | 79.8 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 1413.5 | 5.2 | 0.4 | 114.2 | 143.5 | 5.7 | 5.2 | 77.1 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1476.0 | 4.9 | 0.3 | 115.4 | 144.9 | 5.9 | 5.4 | 81.0 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1536.8 | 10.3 | 0.7 | 116.7 | 146.4 | 6.1 | 5.6 | 84.9 | 30.0 | 30.0 | 3.0 |
| 52.74 | 16.08 | 1585.8 | 9.3 | 0.6 | 117.9 | 147.9 | 6.3 | 5.7 | 88.0 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 1422.8 | 15.2 | 1.1 | 119.1 | 149.4 | 5.7 | 5.1 | 77.0 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 1422.1 | 14.9 | 1.0 | 120.3 | 150.8 | 5.7 | 5.1 | 76.7 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 1387.5 | 12.6 | 0.9 | 121.6 | 152.3 | 5.6 | 4.9 | 74.2 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 1545.9 | 14.8 | 1.0 | 122.8 | 153.8 | 6.2 | 5.5 | 84.6 | 30.0 | 30.0 | 3.0 |
| 55.20 | 16.83 | 1855.0 | 16.8 | 0.9 | 124.0 | 155.2 | 7.4 | 6.5 | 105.1 | 30.0 | 32.0 | 3.0 |
| 55.69 | 16.97 | 2295.1 | 34.0 | 1.5 | 125.3 | 156.7 | 9.2 | 8.0 | 134.2 | 30.0 | 32.0 | 6.0 |
| 56.18 | 17.12 | 2129.2 | 36.4 | 1.7 | 126.5 | 158.2 | 8.5 | 7.4 | 123.0 | 30.0 | 32.0 | 3.0 |
| 56.68 | 17.28 | 4892.3 | 73.7 | 1.5 | 127.8 | 159.7 | 16.3 | 14.1 | 0.0 | 43.3 | 38.0 | 1.0 |
| 57.17 | 17.42 | 13434.0 | 116.4 | 0.9 | 129.1 | 161.1 | 26.9 | 23.1 | 0.0 | 72.1 | 42.0 | 1.0 |
| 57.66 | 17.58 | 16079.2 | 106.0 | 0.7 | 130.6 | 162.6 | 32.2 | 27.5 | 0.0 | 77.1 | 42.0 | 1.0 |
| 58.15 | 17.72 | 4945.3 | 137.9 | 2.8 | 131.9 | 164.1 | 19.8 | 16.9 | 310.0 | 43.1 | 38.0 | 6.0 |
| 58.64 | 17.88 | 6748.5 | 68.3 | 1.0 | 133.2 | 165.5 | 16.9 | 14.3 | 0.0 | 51.9 | 38.0 | 1.0 |
| 59.14 | 18.03 | 7756.5 | 87.2 | 1.1 | 134.6 | 167.0 | 19.4 | 16.4 | 0.0 | 55.7 | 40.0 | 1.0 |
| 59.63 | 18.17 | 2024.6 | 28.5 | 1.4 | 135.9 | 168.5 | 8.1 | 6.8 | 114.7 | 30.0 | 32.0 | 3.0 |
| 60.12 | 18.33 | 1448.9 | 4.1 | 0.3 | 137.1 | 170.0 | 5.8 | 4.8 | 76.1 | 30.0 | 30.0 | 3.0 |
| 60.61 | 18.47 | 1418.8 | 5.6 | 0.4 | 138.4 | 171.4 | 5.7 | 4.7 | 73.9 | 30.0 | 30.0 | 3.0 |
| 61.10 | 18.62 | 1453.5 | 19.7 | 1.4 | 139.6 | 172.9 | 5.8 | 4.8 | 76.1 | 30.0 | 30.0 | 3.0 |
| 61.60 | 18.78 | 1474.1 | 14.2 | 1.0 | 140.8 | 174.4 | 5.9 | 4.9 | 77.3 | 30.0 | 30.0 | 3.0 |
| 62.09 | 18.92 | 3198.0 | 21.1 | 0.7 | 142.1 | 175.8 | 10.7 | 8.8 | 0.0 | 30.0 | 34.0 | 1.0 |
| 62.58 | 19.08 | 2158.2 | 18.3 | 0.8 | 143.4 | 177.3 | 8.6 | 7.1 | 122.5 | 30.0 | 32.0 | 3.0 |
| 63.07 | 19.22 | 1547.1 | 11.5 | 0.7 | 144.6 | 178.8 | 6.2 | 5.0 | 81.6 | 30.0 | 30.0 | 3.0 |
| 63.57 | 19.38 | 2019.1 | 16.9 | 0.8 | 145.8 | 180.3 | 8.1 | 6.5 | 112.9 | 30.0 | 30.0 | 3.0 |
| 64.06 | 19.53 | 5568.8 | 25.9 | 0.5 | 147.1 | 181.7 | 13.9 | 11.2 | 0.0 | 45.0 | 38.0 | 1.0 |
| 64.55 | 19.67 | 2451.2 | 18.1 | 0.7 | 148.5 | 183.2 | 8.2 | 6.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 65.04 | 19.83 | 5233.4 | 42.3 | 0.8 | 149.8 | 184.7 | 17.4 | 14.0 | 0.0 | 42.9 | 36.0 | 1.0 |
| 65.53 | 19.97 | 5571.6 | 113.2 | 2.0 | 151.1 | 186.1 | 18.6 | 14.8 | 0.0 | 44.6 | 38.0 | 1.0 |
| 66.03 | 20.12 | 7990.7 | 83.2 | 1.0 | 152.4 | 187.6 | 20.0 | 15.8 | 0.0 | 54.8 | 38.0 | 1.0 |
| 66.52 | 20.28 | 6086.7 | 71.3 | 1.2 | 153.7 | 189.1 | 20.3 | 16.0 | 0.0 | 46.9 | 38.0 | 1.0 |
| 67.01 | 20.42 | 3790.1 | 45.8 | 1.2 | 155.1 | 190.6 | 12.6 | 9.9 | 0.0 | 33.2 | 34.0 | 1.0 |
| 67.50 | 20.58 | 6255.1 | 55.1 | 0.9 | 156.4 | 192.0 | 15.6 | 12.2 | 0.0 | 47.4 | 38.0 | 1.0 |
| 67.99 | 20.72 | 3176.5 | 27.6 | 0.9 | 157.7 | 193.5 | 10.6 | 8.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 68.49 | 20.88 | 2708.6 | 21.9 | 0.8 | 159.0 | 195.0 | 9.0 | 7.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 68.98 | 21.03 | 1750.4 | 12.0 | 0.7 | 160.3 | 196.4 | 7.0 | 5.4 | 92.9 | 30.0 | 30.0 | 3.0 |
| 69.47 | 21.17 | 1684.1 | 10.0 | 0.6 | 161.5 | 197.9 | 6.7 | 5.2 | 88.3 | 30.0 | 30.0 | 3.0 |
| 69.96 | 21.33 | 1720.6 | 10.1 | 0.6 | 162.8 | 199.4 | 6.9 | 5.3 | 90.6 | 30.0 | 30.0 | 3.0 |
| 70.46 | 21.47 | 1628.9 | 9.0 | 0.6 | 164.0 | 200.9 | 6.5 | 5.0 | 84.3 | 30.0 | 30.0 | 3.0 |
| 70.95 | 21.62 | 1658.2 | 8.9 | 0.5 | 165.2 | 202.3 | 6.6 | 5.1 | 86.0 | 30.0 | 30.0 | 3.0 |
| 71.44 | 21.78 | 1659.6 | 9.7 | 0.6 | 166.4 | 203.8 | 6.6 | 5.0 | 86.0 | 30.0 | 30.0 | 3.0 |
| 71.93 | 21.92 | 1536.4 | 11.3 | 0.7 | 167.7 | 205.3 | 6.1 | 4.6 | 77.6 | 30.0 | 30.0 | 1.5 |
| 72.42 | 22.08 | 1515.0 | 9.0 | 0.6 | 168.9 | 206.7 | 6.1 | 4.6 | 76.0 | 30.0 | 30.0 | 1.5 |
| 72.92 | 22.22 | 1517.5 | 11.8 | 0.8 | 170.1 | 208.2 | 6.1 | 4.6 | 75.9 | 30.0 | 30.0 | 1.5 |
| 73.41 | 22.38 | 2390.2 | 28.8 | 1.2 | 171.4 | 209.7 | 9.6 | 7.1 | 133.9 | 30.0 | 30.0 | 3.0 |
| 73.90 | 22.53 | 1929.1 | 29.5 | 1.5 | 172.6 | 211.2 | 7.7 | 5.7 | 103.0 | 30.0 | 30.0 | 3.0 |
| 74.39 | 22.67 | 2910.3 | 68.1 | 2.3 | 173.8 | 212.6 | 11.6 | 8.6 | 168.3 | 30.0 | 32.0 | 3.0 |
| 74.88 | 22.83 | 3532.1 | 64.9 | 1.8 | 175.0 | 214.1 | 14.1 | 10.5 | 209.5 | 30.0 | 32.0 | 6.0 |
| 75.38 | 22.97 | 8815.3 | 76.8 | 0.9 | 176.3 | 215.6 | 22.0 | 16.2 | 0.0 | 55.5 | 38.0 | 1.0 |
| 75.87 | 23.12 | 4356.4 | 48.9 | 1.1 | 177.7 | 217.0 | 14.5 | 10.7 | 0.0 | 35.2 | 34.0 | 1.0 |
| 76.36 | 23.28 | 4545.8 | 46.1 | 1.0 | 179.0 | 218.5 | 15.2 | 11.1 | 0.0 | 36.3 | 34.0 | 1.0 |
| 76.85 | 23.42 | 2162.4 | 18.5 | 0.9 | 180.3 | 220.0 | 8.6 | 6.3 | 117.5 | 30.0 | 30.0 | 3.0 |
| 77.34 | 23.58 | 2699.6 | 27.2 | 1.0 | 181.5 | 221.5 | 9.0 | 6.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 77.84 | 23.72 | 2703.1 | 45.0 | 1.7 | 182.8 | 222.9 | 10.8 | 7.8 | 153.2 | 30.0 | 32.0 | 3.0 |
| 78.33 | 23.88 | 6966.0 | 89.4 | 1.3 | 184.1 | 224.4 | 23.2 | 16.8 | 0.0 | 48.2 | 38.0 | 1.0 |
| 78.82 | 24.03 | 12560.0 | 94.6 | 0.8 | 185.4 | 225.9 | 25.1 | 18.1 | 0.0 | 65.0 | 40.0 | 1.0 |
| 79.31 | 24.17 | 3820.0 | 107.8 | 2.8 | 186.8 | 227.3 | 15.3 | 10.9 | 227.1 | 30.7 | 32.0 | 6.0 |
| 79.81 | 24.33 | 2652.7 | 31.9 | 1.2 | 188.0 | 228.8 | 10.6 | 7.6 | 149.1 | 30.0 | 30.0 | 3.0 |
| 80.30 | 24.47 | 2542.1 | 20.6 | 0.8 | 189.3 | 230.3 | 8.5 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 80.79 | 24.62 | 2396.5 | 18.9 | 0.8 | 190.6 | 231.8 | 8.0 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 81.28 | 24.78 | 2242.0 | 14.4 | 0.6 | 191.9 | 233.2 | 7.5 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 81.77 | 24.92 | 1922.9 | 14.0 | 0.7 | 193.1 | 234.7 | 7.7 | 5.4 | 99.7 | 30.0 | 30.0 | 3.0 |
| 82.27 | 25.08 | 1946.7 | 14.5 | 0.7 | 194.4 | 236.2 | 7.8 | 5.5 | 101.1 | 30.0 | 30.0 | 3.0 |
| 82.76 | 25.22 | 2276.0 | 17.3 | 0.8 | 195.6 | 237.6 | 7.6 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 83.25 | 25.38 | 2283.1 | 22.4 | 1.0 | 196.9 | 239.1 | 9.1 | 6.4 | 123.1 | 30.0 | 30.0 | 3.0 |
| 83.74 | 25.53 | 2367.4 | 34.5 | 1.5 | 198.1 | 240.6 | 9.5 | 6.6 | 128.6 | 30.0 | 30.0 | 3.0 |
| 84.23 | 25.67 | 2074.3 | 28.6 | 1.4 | 199.4 | 242.1 | 8.3 | 5.8 | 108.9 | 30.0 | 30.0 | 3.0 |
| 84.73 | 25.83 | 2338.1 | 41.3 | 1.8 | 200.6 | 243.5 | 9.4 | 6.5 | 126.3 | 30.0 | 30.0 | 3.0 |
| 85.22 | 25.97 | 2591.2 | 56.2 | 2.2 | 201.8 | 245.0 | 10.4 | 7.1 | 143.0 | 30.0 | 30.0 | 3.0 |
| 85.71 | 26.12 | 3293.8 | 59.9 | 1.8 | 203.0 | 246.5 | 13.2 | 9.0 | 189.6 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 3035.0 | 75.2 | 2.5 | 204.3 | 247.9 | 12.1 | 8.3 | 172.2 | 30.0 | 32.0 | 3.0 |
| 86.70 | 26.42 | 3088.5 | 54.0 | 1.7 | 205.5 | 249.4 | 12.4 | 8.4 | 175.6 | 30.0 | 32.0 | 3.0 |
| 87.19 | 26.58 | 2142.5 | 26.4 | 1.2 | 206.7 | 250.9 | 8.6 | 5.8 | 112.3 | 30.0 | 30.0 | 3.0 |
| 87.68 | 26.72 | 2458.8 | 30.5 | 1.2 | 208.0 | 252.4 | 9.8 | 6.7 | 133.2 | 30.0 | 30.0 | 3.0 |
| 88.17 | 26.88 | 3748.1 | 57.1 | 1.5 | 209.2 | 253.8 | 12.5 | 8.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 88.66 | 27.03 | 2750.5 | 39.2 | 1.4 | 210.5 | 255.3 | 11.0 | 7.4 | 152.3 | 30.0 | 30.0 | 3.0 |
| 89.16 | 27.17 | 2084.8 | 23.6 | 1.1 | 211.7 | 256.8 | 8.3 | 5.6 | 107.8 | 30.0 | 30.0 | 3.0 |
| 89.65 | 27.33 | 3243.8 | 54.1 | 1.7 | 213.0 | 258.2 | 13.0 | 8.7 | 184.8 | 30.0 | 32.0 | 3.0 |
| 90.14 | 27.47 | 11457.0 | 97.3 | 0.8 | 214.3 | 259.7 | 28.6 | 19.2 | 0.0 | 60.3 | 38.0 | 1.0 |
| 90.63 | 27.62 | 6239.1 | 127.3 | 2.0 | 215.6 | 261.2 | 20.8 | 13.9 | 0.0 | 42.7 | 36.0 | 1.0 |
| 91.12 | 27.78 | 4709.7 | 64.3 | 1.4 | 216.9 | 262.7 | 15.7 | 10.4 | 0.0 | 34.6 | 34.0 | 1.0 |
| 91.62 | 27.92 | 4510.8 | 88.2 | 2.0 | 218.2 | 264.1 | 18.0 | 12.0 | 268.6 | 33.3 | 32.0 | 6.0 |
| 92.11 | 28.08 | 4743.0 | 74.0 | 1.6 | 219.4 | 265.6 | 15.8 | 10.4 | 0.0 | 34.6 | 34.0 | 1.0 |
| 92.60 | 28.22 | 2890.0 | 26.6 | 0.9 | 220.7 | 267.1 | 9.6 | 6.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 93.09 | 28.38 | 2492.9 | 29.2 | 1.2 | 222.0 | 268.5 | 10.0 | 6.5 | 133.5 | 30.0 | 30.0 | 3.0 |
| 93.58 | 28.53 | 2270.8 | 32.4 | 1.4 | 223.2 | 270.0 | 9.1 | 6.0 | 118.5 | 30.0 | 30.0 | 3.0 |
| 94.08 | 28.67 | 2319.2 | 25.1 | 1.1 | 224.5 | 271.5 | 9.3 | 6.1 | 121.5 | 30.0 | 30.0 | 3.0 |
| 94.57 | 28.83 | 3549.5 | 67.8 | 1.9 | 225.7 | 273.0 | 14.2 | 9.2 | 203.4 | 30.0 | 32.0 | 3.0 |
| 95.06 | 28.97 | 3005.3 | 63.7 | 2.1 | 226.9 | 274.4 | 12.0 | 7.8 | 166.9 | 30.0 | 30.0 | 3.0 |
| 95.55 | 29.12 | 3062.4 | 31.2 | 1.0 | 228.2 | 275.9 | 10.2 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 96.05 | 29.28 | 4470.1 | 28.3 | 0.6 | 229.5 | 277.4 | 14.9 | 9.6 | 0.0 | 32.3 | 32.0 | 1.0 |
| 96.54 | 29.42 | 3602.3 | 23.2 | 0.6 | 230.8 | 278.8 | 12.0 | 7.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 97.03 | 29.58 | 2306.7 | 17.4 | 0.8 | 232.1 | 280.3 | 7.7 | 4.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 97.52 | 29.72 | 2401.9 | 22.1 | 0.9 | 233.4 | 281.8 | 9.6 | 6.2 | 125.8 | 30.0 | 30.0 | 3.0 |
| 98.01 | 29.88 | 2356.8 | 25.6 | 1.1 | 234.6 | 283.3 | 9.4 | 6.0 | 122.6 | 30.0 | 30.0 | 3.0 |
| 98.51 | 30.03 | 2362.2 | 28.5 | 1.2 | 235.8 | 284.7 | 9.4 | 6.0 | 122.8 | 30.0 | 30.0 | 3.0 |
| 99.00 | 30.17 | 2593.6 | 29.3 | 1.1 | 237.0 | 286.2 | 10.4 | 6.6 | 138.0 | 30.0 | 30.0 | 3.0 |
| 99.49 | 30.33 | 2444.3 | 22.9 | 0.9 | 238.3 | 287.7 | 8.1 | 5.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 99.98 | 30.47 | 2220.9 | 17.8 | 0.8 | 239.6 | 289.1 | 8.9 | 5.6 | 112.8 | 30.0 | 30.0 | 1.5 |
| 100.47 | 30.62 | 2275.2 | 17.9 | 0.8 | 240.8 | 290.6 | 7.6 | 4.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 100.97 | 30.78 | 3773.7 | 40.5 | 1.1 | 242.1 | 292.1 | 12.6 | 7.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 101.46 | 30.92 | 10998.4 | 104.2 | 0.9 | 243.5 | 293.6 | 27.5 | 17.2 | 0.0 | 57.2 | 38.0 | 1.0 |
| 101.95 | 31.08 | 3692.1 | 107.1 | 2.9 | 244.8 | 295.0 | 14.8 | 9.2 | 210.2 | 30.0 | 32.0 | 3.0 |
| 102.44 | 31.22 | 5042.1 | 69.7 | 1.4 | 246.1 | 296.5 | 16.8 | 10.5 | 0.0 | 34.7 | 32.0 | 1.0 |
| 102.94 | 31.38 | 10175.6 | 132.3 | 1.3 | 247.4 | 298.0 | 25.4 | 15.8 | 0.0 | 54.8 | 38.0 | 1.0 |
| 103.43 | 31.53 | 14585.3 | 168.5 | 1.2 | 248.8 | 299.5 | 36.5 | 22.6 | 0.0 | 65.0 | 40.0 | 1.0 |
| 103.92 | 31.67 | 14839.7 | 221.0 | 1.5 | 250.2 | 300.9 | 37.1 | 23.0 | 0.0 | 65.4 | 40.0 | 1.0 |
| 104.41 | 31.83 | 19062.3 | 219.3 | 1.2 | 251.6 | 302.4 | 38.1 | 23.5 | 0.0 | 72.5 | 40.0 | 1.0 |
| 104.90 | 31.97 | 19991.4 | 169.0 | 0.8 | 253.0 | 303.9 | 40.0 | 24.6 | 0.0 | 73.8 | 42.0 | 1.0 |
| 105.40 | 32.12 | 19423.6 | 137.2 | 0.7 | 254.5 | 305.3 | 38.8 | 23.8 | 0.0 | 72.9 | 40.0 | 1.0 |
| 105.89 | 32.28 | 20262.2 | 169.3 | 0.8 | 255.9 | 306.8 | 40.5 | 24.8 | 0.0 | 74.0 | 42.0 | 1.0 |
| 106.38 | 32.42 | 21061.5 | 198.8 | 0.9 | 257.4 | 308.3 | 42.1 | 25.7 | 0.0 | 75.1 | 42.0 | 1.0 |
| 106.87 | 32.58 | 22245.8 | 222.7 | 1.0 | 258.8 | 309.8 | 44.5 | 27.1 | 0.0 | 76.6 | 42.0 | 1.0 |
| 107.36 | 32.72 | 26245.4 | 214.9 | 0.8 | 260.3 | 311.2 | 52.5 | 31.8 | 0.0 | 81.2 | 42.0 | 1.0 |
| 107.86 | 32.88 | 27705.1 | 222.3 | 0.8 | 261.7 | 312.7 | 55.4 | 33.5 | 0.0 | 82.7 | 42.0 | 1.0 |
| 108.35 | 33.03 | 28105.0 | 228.0 | 0.8 | 263.2 | 314.2 | 56.2 | 33.9 | 0.0 | 83.0 | 42.0 | 1.0 |
| 108.84 | 33.17 | 26782.4 | 191.6 | 0.7 | 264.7 | 315.6 | 53.6 | 32.2 | 0.0 | 81.6 | 42.0 | 1.0 |
| 109.33 | 33.33 | 28528.8 | 218.1 | 0.8 | 266.1 | 317.1 | 57.1 | 34.2 | 0.0 | 83.3 | 42.0 | 1.0 |
| 109.82 | 33.47 | 31408.6 | 158.3 | 0.5 | 267.6 | 318.6 | 52.3 | 31.3 | 0.0 | 86.0 | 42.0 | 1.0 |
| 110.32 | 33.62 | 29505.6 | 152.2 | 0.5 | 269.1 | 320.1 | 49.2 | 29.3 | 0.0 | 84.1 | 42.0 | 1.0 |
| 110.81 | 33.78 | 25049.0 | 123.6 | 0.5 | 270.7 | 321.5 | 41.7 | 24.8 | 0.0 | 79.3 | 42.0 | 1.0 |
| 111.30 | 33.92 | 21240.6 | 214.9 | 1.0 | 272.1 | 323.0 | 42.5 | 25.2 | 0.0 | 74.5 | 40.0 | 1.0 |
| 111.79 | 34.08 | 25721.1 | 318.4 | 1.2 | 273.6 | 324.5 | 51.4 | 30.4 | 0.0 | 79.9 | 42.0 | 1.0 |
| 112.29 | 34.22 | 32034.5 | 204.0 | 0.6 | 275.1 | 325.9 | 53.4 | 31.5 | 0.0 | 86.1 | 42.0 | 1.0 |
| 112.78 | 34.38 | 30780.2 | 217.7 | 0.7 | 276.6 | 327.4 | 61.6 | 36.2 | 0.0 | 84.9 | 42.0 | 1.0 |
| 113.27 | 34.53 | 27076.3 | 158.1 | 0.6 | 278.0 | 328.9 | 54.2 | 31.8 | 0.0 | 81.2 | 42.0 | 1.0 |
| 113.76 | 34.67 | 34692.3 | 137.7 | 0.4 | 279.5 | 330.4 | 57.8 | 33.8 | 0.0 | 88.2 | 42.0 | 1.0 |
| 114.25 | 34.83 | 36746.4 | 143.2 | 0.4 | 281.1 | 331.8 | 61.2 | 35.8 | 0.0 | 89.8 | 44.0 | 1.0 |
| 114.75 | 34.97 | 33090.6 | 177.1 | 0.5 | 282.6 | 333.3 | 55.2 | 32.1 | 0.0 | 86.7 | 42.0 | 1.0 |
| 115.24 | 35.12 | 30019.7 | 142.0 | 0.5 | 284.1 | 334.8 | 50.0 | 29.1 | 0.0 | 83.8 | 42.0 | 1.0 |
| 115.73 | 35.28 | 32910.1 | 178.8 | 0.5 | 285.6 | 336.2 | 54.9 | 31.8 | 0.0 | 86.4 | 42.0 | 1.0 |
| 116.22 | 35.42 | 28232.9 | 96.8 | 0.3 | 287.2 | 337.7 | 47.1 | 27.2 | 0.0 | 81.9 | 42.0 | 1.0 |
| 116.71 | 35.58 | 6925.7 | 189.7 | 2.7 | 288.5 | 339.2 | 27.7 | 16.0 | 419.9 | 41.6 | 34.0 | 6.0 |
| 117.21 | 35.72 | 4516.4 | 53.6 | 1.2 | 289.8 | 340.7 | 15.1 | 8.7 | 0.0 | 30.0 | 32.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 5310.4 | 102.5 | 1.9 | 291.1 | 342.1 | 17.7 | 10.2 | 0.0 | 33.8 | 32.0 | 1.0 |
| 118.19 | 36.03 | 8416.3 | 162.6 | 1.9 | 292.4 | 343.6 | 28.1 | 16.1 | 0.0 | 47.0 | 36.0 | 1.0 |
| 118.68 | 36.17 | 4016.9 | 61.2 | 1.5 | 293.7 | 345.1 | 13.4 | 7.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 119.18 | 36.33 | 3620.2 | 56.3 | 1.6 | 295.0 | 346.5 | 12.1 | 6.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 119.67 | 36.47 | 4591.8 | 93.8 | 2.0 | 296.3 | 348.0 | 18.4 | 10.4 | 263.2 | 30.0 | 32.0 | 3.0 |
| 120.16 | 36.62 | 12079.5 | 182.0 | 1.5 | 297.6 | 349.5 | 30.2 | 17.1 | 0.0 | 57.1 | 38.0 | 1.0 |
| 120.65 | 36.78 | 5333.4 | 111.1 | 2.1 | 298.9 | 351.0 | 17.8 | 10.1 | 0.0 | 33.6 | 32.0 | 1.0 |
| 121.14 | 36.92 | 7658.6 | 190.2 | 2.5 | 300.2 | 352.4 | 30.6 | 17.3 | 467.1 | 43.9 | 34.0 | 6.0 |
| 121.64 | 37.08 | 21012.5 | 295.8 | 1.4 | 301.5 | 353.9 | 52.5 | 29.6 | 0.0 | 72.7 | 40.0 | 1.0 |
| 122.21 | 37.25 | 20045.1 | 436.9 | 2.2 | 303.1 | 355.6 | 66.8 | 37.6 | 0.0 | 71.3 | 40.0 | 1.0 |
| 122.78 | 37.42 | 29269.3 | 267.5 | 0.9 | 304.7 | 357.3 | 58.5 | 32.8 | 0.0 | 82.1 | 42.0 | 1.0 |
| 123.28 | 37.58 | 31498.1 | 235.7 | 0.7 | 306.1 | 358.8 | 63.0 | 35.2 | 0.0 | 84.1 | 42.0 | 1.0 |
| 123.77 | 37.72 | 31032.3 | 388.2 | 1.3 | 307.6 | 360.3 | 62.1 | 34.6 | 0.0 | 83.6 | 42.0 | 1.0 |
| 124.26 | 37.88 | 33860.4 | 438.5 | 1.3 | 309.0 | 361.7 | 67.7 | 37.7 | 0.0 | 86.1 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-2911
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-1-245
 Location: STRUCTURE 1
 Cone: 20 TON A 092
 CPT Date: 00/03/02
 CPT Time: 13:27
 CPT File: 300SC245.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 1683.7 | 12.7 | 0.8 | 1.4 | 0.0 | 6.7 | 13.5 | 112.2 | 77.9 | 50.0 | 10.0 |
| 0.74 | 0.23 | 2048.6 | 14.1 | 0.7 | 4.1 | 0.0 | 8.2 | 16.4 | 136.3 | 67.8 | 48.0 | 10.0 |
| 1.23 | 0.38 | 3371.0 | 23.8 | 0.7 | 6.8 | 0.0 | 11.2 | 22.5 | 0.0 | 74.7 | 48.0 | 1.0 |
| 1.72 | 0.52 | 5497.1 | 50.3 | 0.9 | 9.6 | 0.0 | 18.3 | 36.6 | 0.0 | 83.8 | 50.0 | 1.0 |
| 2.21 | 0.68 | 5344.5 | 68.3 | 1.3 | 12.3 | 0.0 | 17.8 | 35.6 | 0.0 | 79.3 | 48.0 | 1.0 |
| 2.71 | 0.82 | 5772.1 | 84.7 | 1.5 | 15.1 | 0.0 | 19.2 | 38.5 | 0.0 | 78.6 | 48.0 | 1.0 |
| 3.20 | 0.97 | 5692.7 | 94.0 | 1.7 | 17.9 | 0.0 | 19.0 | 38.0 | 0.0 | 75.8 | 46.0 | 1.0 |
| 3.61 | 1.10 | 7047.2 | 101.0 | 1.4 | 19.2 | 1.0 | 23.5 | 47.0 | 0.0 | 80.9 | 48.0 | 1.0 |
| 4.02 | 1.22 | 6681.3 | 72.2 | 1.1 | 20.3 | 2.2 | 16.7 | 33.4 | 0.0 | 78.5 | 48.0 | 1.0 |
| 4.51 | 1.38 | 6945.5 | 79.6 | 1.1 | 21.7 | 3.7 | 17.4 | 34.7 | 0.0 | 78.7 | 46.0 | 1.0 |
| 5.00 | 1.53 | 2768.8 | 135.1 | 4.9 | 23.0 | 5.2 | 27.7 | 55.4 | 182.7 | 0.0 | 0.0 | 10.0 |
| 5.50 | 1.67 | 1267.5 | 38.6 | 3.0 | 24.2 | 6.6 | 8.4 | 16.8 | 82.4 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 897.2 | 18.9 | 2.1 | 25.4 | 8.1 | 4.5 | 8.7 | 57.6 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 685.0 | 6.8 | 1.0 | 26.8 | 9.8 | 3.4 | 6.5 | 43.2 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 657.4 | 3.5 | 0.5 | 27.9 | 11.5 | 3.3 | 6.1 | 41.2 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 791.1 | 6.3 | 0.8 | 28.7 | 13.0 | 4.0 | 7.2 | 50.0 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1287.0 | 17.5 | 1.4 | 29.9 | 14.5 | 5.1 | 9.2 | 82.8 | 30.0 | 38.0 | 6.0 |
| 8.61 | 2.62 | 1041.1 | 15.6 | 1.5 | 31.1 | 15.9 | 5.2 | 9.1 | 66.3 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 693.4 | 5.6 | 0.8 | 32.4 | 17.4 | 3.5 | 6.0 | 42.9 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 403.6 | 2.0 | 0.5 | 33.2 | 18.9 | 2.0 | 3.4 | 23.4 | 0.0 | 0.0 | 3.0 |
| 10.09 | 3.08 | 305.6 | 2.0 | 0.7 | 33.6 | 20.4 | 1.5 | 2.6 | 16.8 | 0.0 | 0.0 | 1.5 |
| 10.58 | 3.22 | 401.2 | 2.0 | 0.5 | 34.0 | 21.8 | 2.0 | 3.4 | 23.0 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 1195.7 | 2.0 | 0.2 | 34.8 | 23.3 | 4.8 | 7.9 | 75.8 | 30.0 | 36.0 | 6.0 |
| 11.56 | 3.53 | 1265.9 | 4.3 | 0.3 | 36.0 | 24.8 | 5.1 | 8.3 | 80.3 | 30.0 | 36.0 | 6.0 |
| 12.06 | 3.67 | 2283.6 | 2.0 | 0.1 | 37.3 | 26.2 | 7.6 | 12.2 | 0.0 | 39.1 | 40.0 | 1.0 |
| 12.55 | 3.83 | 1254.9 | 2.0 | 0.2 | 38.6 | 27.7 | 5.0 | 7.9 | 79.2 | 30.0 | 36.0 | 6.0 |
| 13.04 | 3.98 | 1175.3 | 2.0 | 0.2 | 39.8 | 29.2 | 4.7 | 7.3 | 73.8 | 30.0 | 36.0 | 6.0 |
| 13.53 | 4.12 | 786.4 | 2.0 | 0.3 | 40.6 | 30.7 | 3.9 | 6.0 | 47.7 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 414.8 | 2.0 | 0.5 | 41.0 | 32.1 | 2.1 | 3.2 | 22.8 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 450.6 | 2.0 | 0.4 | 41.4 | 33.6 | 2.3 | 3.4 | 25.0 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 1014.9 | 2.0 | 0.2 | 42.2 | 35.1 | 4.1 | 6.1 | 62.5 | 30.0 | 34.0 | 6.0 |
| 15.50 | 4.73 | 1144.8 | 2.0 | 0.2 | 43.5 | 36.5 | 4.6 | 6.8 | 71.0 | 30.0 | 34.0 | 6.0 |
| 15.99 | 4.88 | 1347.9 | 8.3 | 0.6 | 44.7 | 38.0 | 5.4 | 7.9 | 84.3 | 30.0 | 36.0 | 6.0 |
| 16.49 | 5.02 | 3621.1 | 10.3 | 0.3 | 46.0 | 39.5 | 12.1 | 17.4 | 0.0 | 49.3 | 40.0 | 1.0 |
| 16.98 | 5.18 | 4624.8 | 24.1 | 0.5 | 47.3 | 41.0 | 11.6 | 16.5 | 0.0 | 55.9 | 42.0 | 1.0 |
| 17.47 | 5.32 | 2659.4 | 22.0 | 0.8 | 48.6 | 42.4 | 8.9 | 12.4 | 0.0 | 39.6 | 40.0 | 1.0 |
| 17.96 | 5.48 | 1154.0 | 19.6 | 1.7 | 49.9 | 43.9 | 5.8 | 8.0 | 70.7 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 432.0 | 2.3 | 0.5 | 50.7 | 45.4 | 2.2 | 3.0 | 22.4 | 0.0 | 0.0 | 1.5 |
| 18.95 | 5.77 | 371.6 | 2.0 | 0.5 | 51.1 | 46.8 | 1.9 | 2.5 | 18.2 | 0.0 | 0.0 | 1.5 |
| 19.44 | 5.93 | 356.4 | 2.0 | 0.6 | 51.5 | 48.3 | 1.8 | 2.4 | 17.1 | 0.0 | 0.0 | 1.5 |
| 19.93 | 6.07 | 679.3 | 2.0 | 0.3 | 51.9 | 49.8 | 3.4 | 4.6 | 38.5 | 0.0 | 0.0 | 3.0 |
| 20.42 | 6.23 | 602.4 | 2.0 | 0.3 | 52.3 | 51.3 | 3.0 | 4.1 | 33.3 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 948.9 | 4.2 | 0.4 | 53.1 | 52.7 | 3.8 | 5.1 | 56.2 | 30.0 | 32.0 | 6.0 |
| 21.41 | 6.52 | 766.7 | 7.0 | 0.9 | 54.4 | 54.2 | 3.8 | 5.1 | 43.9 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 543.9 | 2.0 | 0.4 | 55.2 | 55.7 | 2.7 | 3.6 | 28.9 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 409.4 | 2.0 | 0.5 | 55.6 | 57.1 | 2.0 | 2.7 | 19.8 | 0.0 | 0.0 | 1.5 |
| 22.88 | 6.98 | 425.0 | 2.0 | 0.5 | 56.0 | 58.6 | 2.1 | 2.8 | 20.7 | 0.0 | 0.0 | 1.5 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 594.7 | 2.3 | 0.4 | 56.4 | 60.1 | 3.0 | 3.9 | 31.9 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 1080.6 | 12.1 | 1.1 | 57.2 | 61.6 | 4.3 | 5.6 | 64.1 | 30.0 | 32.0 | 6.0 |
| 24.36 | 7.43 | 927.6 | 2.0 | 0.2 | 58.4 | 63.0 | 3.7 | 4.8 | 53.7 | 30.0 | 32.0 | 3.0 |
| 24.85 | 7.57 | 563.1 | 2.0 | 0.4 | 59.3 | 64.5 | 2.8 | 3.6 | 29.3 | 0.0 | 0.0 | 1.5 |
| 25.34 | 7.73 | 489.8 | 2.0 | 0.4 | 59.7 | 66.0 | 2.4 | 3.1 | 24.3 | 0.0 | 0.0 | 1.5 |
| 25.84 | 7.88 | 636.7 | 2.0 | 0.3 | 60.1 | 67.4 | 3.2 | 4.0 | 33.9 | 0.0 | 0.0 | 3.0 |
| 26.33 | 8.02 | 592.8 | 2.0 | 0.3 | 60.5 | 68.9 | 3.0 | 3.7 | 30.9 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 531.5 | 2.0 | 0.4 | 60.9 | 70.4 | 2.7 | 3.3 | 26.7 | 0.0 | 0.0 | 1.5 |
| 27.31 | 8.32 | 571.4 | 2.2 | 0.4 | 61.3 | 71.9 | 2.9 | 3.6 | 29.2 | 0.0 | 0.0 | 1.5 |
| 27.80 | 8.48 | 1412.1 | 24.0 | 1.7 | 62.1 | 73.3 | 5.6 | 7.0 | 85.1 | 30.0 | 34.0 | 6.0 |
| 28.30 | 8.62 | 9634.7 | 99.4 | 1.0 | 63.4 | 74.8 | 24.1 | 29.6 | 0.0 | 72.7 | 44.0 | 1.0 |
| 28.79 | 8.77 | 3532.4 | 62.8 | 1.8 | 64.7 | 76.3 | 14.1 | 17.2 | 226.1 | 43.7 | 40.0 | 6.0 |
| 29.28 | 8.93 | 686.5 | 7.9 | 1.2 | 65.9 | 77.7 | 3.4 | 4.1 | 36.2 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 651.3 | 2.0 | 0.3 | 66.7 | 79.2 | 3.3 | 3.9 | 33.7 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 617.9 | 2.0 | 0.3 | 67.2 | 80.7 | 3.1 | 3.7 | 31.3 | 0.0 | 0.0 | 1.5 |
| 30.76 | 9.38 | 1113.6 | 19.3 | 1.7 | 68.0 | 82.2 | 5.6 | 6.6 | 64.2 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 16251.4 | 147.9 | 0.9 | 69.1 | 83.4 | 32.5 | 38.3 | 0.0 | 86.5 | 46.0 | 1.0 |
| 31.58 | 9.62 | 22020.8 | 245.6 | 1.1 | 70.3 | 84.6 | 44.0 | 51.4 | 0.0 | 95.0 | 46.0 | 1.0 |
| 32.07 | 9.77 | 22470.5 | 168.1 | 0.7 | 71.7 | 86.1 | 44.9 | 51.9 | 0.0 | 95.0 | 46.0 | 1.0 |
| 32.56 | 9.93 | 8818.5 | 132.8 | 1.5 | 73.1 | 87.6 | 29.4 | 33.6 | 0.0 | 68.2 | 42.0 | 1.0 |
| 33.05 | 10.07 | 1366.9 | 38.0 | 2.8 | 74.4 | 89.0 | 6.8 | 7.8 | 80.2 | 0.0 | 0.0 | 6.0 |
| 33.55 | 10.23 | 4244.0 | 49.5 | 1.2 | 75.6 | 90.5 | 14.1 | 15.9 | 0.0 | 46.7 | 40.0 | 1.0 |
| 34.04 | 10.38 | 1248.9 | 13.9 | 1.1 | 76.9 | 92.0 | 5.0 | 5.6 | 72.0 | 30.0 | 32.0 | 3.0 |
| 34.53 | 10.52 | 2263.0 | 19.4 | 0.9 | 78.1 | 93.4 | 9.1 | 10.0 | 139.4 | 30.0 | 36.0 | 6.0 |
| 35.02 | 10.68 | 3799.0 | 21.3 | 0.6 | 79.4 | 94.9 | 12.7 | 13.9 | 0.0 | 42.8 | 38.0 | 1.0 |
| 35.51 | 10.82 | 1332.6 | 18.1 | 1.4 | 80.7 | 96.4 | 5.3 | 5.8 | 77.0 | 30.0 | 32.0 | 3.0 |
| 36.01 | 10.98 | 981.5 | 2.6 | 0.3 | 81.9 | 97.9 | 3.9 | 4.2 | 53.5 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 972.4 | 5.5 | 0.6 | 83.1 | 99.3 | 3.9 | 4.2 | 52.7 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 2305.4 | 32.1 | 1.4 | 84.4 | 100.8 | 9.2 | 9.8 | 141.3 | 30.0 | 34.0 | 6.0 |
| 37.48 | 11.43 | 987.7 | 3.5 | 0.4 | 85.6 | 102.3 | 4.0 | 4.2 | 53.3 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 1430.3 | 11.9 | 0.8 | 86.8 | 103.7 | 5.7 | 6.0 | 82.7 | 30.0 | 32.0 | 3.0 |
| 38.47 | 11.73 | 4370.9 | 60.0 | 1.4 | 88.1 | 105.2 | 14.6 | 15.2 | 0.0 | 45.4 | 38.0 | 1.0 |
| 38.96 | 11.88 | 12500.2 | 168.8 | 1.4 | 89.4 | 106.7 | 31.3 | 32.3 | 0.0 | 75.3 | 44.0 | 1.0 |
| 39.45 | 12.02 | 2496.8 | 95.6 | 3.8 | 90.7 | 108.2 | 16.6 | 17.1 | 153.2 | 0.0 | 0.0 | 6.0 |
| 39.94 | 12.18 | 1406.8 | 49.5 | 3.5 | 91.9 | 109.6 | 9.4 | 9.6 | 80.3 | 0.0 | 0.0 | 3.0 |
| 40.44 | 12.32 | 19551.4 | 283.6 | 1.5 | 93.3 | 111.1 | 48.9 | 49.5 | 0.0 | 87.5 | 46.0 | 1.0 |
| 40.93 | 12.48 | 5610.4 | 194.8 | 3.5 | 94.6 | 112.6 | 28.1 | 28.2 | 360.2 | 0.0 | 0.0 | 6.0 |
| 41.42 | 12.62 | 957.1 | 26.2 | 2.7 | 95.8 | 114.0 | 6.4 | 6.4 | 49.8 | 0.0 | 0.0 | 3.0 |
| 41.91 | 12.77 | 1811.4 | 29.4 | 1.6 | 97.0 | 115.5 | 7.2 | 7.2 | 106.6 | 30.0 | 32.0 | 6.0 |
| 42.40 | 12.93 | 4681.7 | 45.6 | 1.0 | 98.3 | 117.0 | 15.6 | 15.4 | 0.0 | 45.8 | 38.0 | 1.0 |
| 42.90 | 13.07 | 1028.3 | 21.5 | 2.1 | 99.5 | 118.5 | 5.1 | 5.0 | 54.0 | 0.0 | 0.0 | 3.0 |
| 43.39 | 13.23 | 914.0 | 2.0 | 0.2 | 100.8 | 119.9 | 3.7 | 3.6 | 46.2 | 30.0 | 30.0 | 1.5 |
| 43.88 | 13.38 | 1049.2 | 3.7 | 0.3 | 102.0 | 121.4 | 4.2 | 4.1 | 55.1 | 30.0 | 30.0 | 3.0 |
| 44.37 | 13.52 | 855.0 | 2.0 | 0.2 | 102.8 | 122.9 | 4.3 | 4.1 | 42.0 | 0.0 | 0.0 | 1.5 |
| 44.86 | 13.68 | 859.8 | 2.0 | 0.2 | 103.2 | 124.3 | 4.3 | 4.1 | 42.1 | 0.0 | 0.0 | 1.5 |
| 45.36 | 13.82 | 1170.2 | 9.3 | 0.8 | 104.0 | 125.8 | 4.7 | 4.5 | 62.7 | 30.0 | 30.0 | 3.0 |
| 45.85 | 13.98 | 1112.4 | 10.2 | 0.9 | 105.3 | 127.3 | 4.4 | 4.2 | 58.7 | 30.0 | 30.0 | 3.0 |
| 46.34 | 14.12 | 938.1 | 4.1 | 0.4 | 106.5 | 128.8 | 3.8 | 3.6 | 46.9 | 30.0 | 30.0 | 1.5 |
| 46.83 | 14.27 | 1089.6 | 7.8 | 0.7 | 107.7 | 130.2 | 4.4 | 4.1 | 56.8 | 30.0 | 30.0 | 3.0 |
| 47.33 | 14.43 | 2134.9 | 15.2 | 0.7 | 109.0 | 131.7 | 8.5 | 8.0 | 126.3 | 30.0 | 32.0 | 6.0 |
| 47.82 | 14.57 | 1819.3 | 23.3 | 1.3 | 110.2 | 133.2 | 7.3 | 6.8 | 105.1 | 30.0 | 32.0 | 3.0 |
| 48.31 | 14.73 | 1328.6 | 12.2 | 0.9 | 111.4 | 134.6 | 5.3 | 4.9 | 72.2 | 30.0 | 30.0 | 3.0 |
| 48.80 | 14.88 | 1100.5 | 8.6 | 0.8 | 112.6 | 136.1 | 4.4 | 4.1 | 56.8 | 30.0 | 30.0 | 3.0 |
| 49.29 | 15.02 | 1277.2 | 5.6 | 0.4 | 113.9 | 137.6 | 5.1 | 4.7 | 68.4 | 30.0 | 30.0 | 3.0 |
| 49.79 | 15.18 | 1026.2 | 3.4 | 0.3 | 115.1 | 139.1 | 4.1 | 3.7 | 51.5 | 30.0 | 30.0 | 1.5 |
| 50.28 | 15.32 | 1167.4 | 5.0 | 0.4 | 116.3 | 140.5 | 4.7 | 4.2 | 60.7 | 30.0 | 30.0 | 3.0 |
| 50.77 | 15.48 | 1111.8 | 5.6 | 0.5 | 117.6 | 142.0 | 4.4 | 4.0 | 56.8 | 30.0 | 30.0 | 1.5 |
| 51.26 | 15.62 | 1235.5 | 4.1 | 0.3 | 118.8 | 143.5 | 4.9 | 4.4 | 64.9 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1093.2 | 4.8 | 0.4 | 120.0 | 144.9 | 4.4 | 3.9 | 55.2 | 30.0 | 30.0 | 1.5 |
| 52.25 | 15.93 | 1695.5 | 11.4 | 0.7 | 121.2 | 146.4 | 6.8 | 6.0 | 95.2 | 30.0 | 30.0 | 3.0 |
| 52.74 | 16.08 | 2122.3 | 18.5 | 0.9 | 122.5 | 147.9 | 8.5 | 7.5 | 123.5 | 30.0 | 32.0 | 6.0 |
| 53.23 | 16.22 | 1471.0 | 19.4 | 1.3 | 123.7 | 149.4 | 5.9 | 5.2 | 79.9 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 1364.7 | 12.4 | 0.9 | 124.9 | 150.8 | 5.5 | 4.8 | 72.6 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 1167.6 | 12.0 | 1.0 | 126.1 | 152.3 | 4.7 | 4.1 | 59.3 | 30.0 | 30.0 | 1.5 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 54.71 | 16.67 | 1094.2 | 7.4 | 0.7 | 127.4 | 153.8 | 4.4 | 3.8 | 54.2 | 30.0 | 30.0 | 1.5 |
| 55.20 | 16.83 | 988.6 | 3.5 | 0.3 | 128.6 | 155.2 | 4.0 | 3.4 | 47.0 | 30.0 | 30.0 | 1.5 |
| 55.69 | 16.97 | 1352.0 | 6.6 | 0.5 | 129.8 | 156.7 | 5.4 | 4.6 | 71.0 | 30.0 | 30.0 | 3.0 |
| 56.18 | 17.12 | 1145.9 | 7.4 | 0.6 | 131.1 | 158.2 | 4.6 | 3.9 | 57.1 | 30.0 | 30.0 | 1.5 |
| 56.68 | 17.28 | 1555.4 | 10.0 | 0.6 | 132.3 | 159.7 | 6.2 | 5.3 | 84.2 | 30.0 | 30.0 | 3.0 |
| 57.17 | 17.42 | 1723.6 | 27.9 | 1.6 | 133.5 | 161.1 | 6.9 | 5.8 | 95.3 | 30.0 | 30.0 | 3.0 |
| 57.66 | 17.58 | 1540.0 | 40.1 | 2.6 | 134.7 | 162.6 | 7.7 | 6.5 | 82.8 | 0.0 | 0.0 | 3.0 |
| 58.15 | 17.72 | 1190.1 | 19.3 | 1.6 | 136.0 | 164.1 | 6.0 | 5.0 | 59.3 | 0.0 | 0.0 | 1.5 |
| 58.64 | 17.88 | 1371.6 | 16.5 | 1.2 | 137.2 | 165.5 | 5.5 | 4.6 | 71.3 | 30.0 | 30.0 | 3.0 |
| 59.14 | 18.03 | 1766.6 | 16.5 | 0.9 | 138.4 | 167.0 | 7.1 | 5.9 | 97.4 | 30.0 | 30.0 | 3.0 |
| 59.63 | 18.17 | 1870.2 | 30.9 | 1.7 | 139.7 | 168.5 | 7.5 | 6.2 | 104.1 | 30.0 | 30.0 | 3.0 |
| 60.12 | 18.33 | 1679.1 | 14.2 | 0.8 | 140.9 | 170.0 | 6.7 | 5.5 | 91.2 | 30.0 | 30.0 | 3.0 |
| 60.61 | 18.47 | 1819.3 | 13.6 | 0.8 | 142.1 | 171.4 | 7.3 | 6.0 | 100.4 | 30.0 | 30.0 | 3.0 |
| 61.10 | 18.62 | 2430.7 | 47.2 | 1.9 | 143.3 | 172.9 | 9.7 | 7.9 | 141.0 | 30.0 | 32.0 | 3.0 |
| 61.60 | 18.78 | 10311.2 | 132.0 | 1.3 | 144.7 | 174.4 | 25.8 | 21.0 | 0.0 | 62.9 | 40.0 | 1.0 |
| 62.09 | 18.92 | 13181.4 | 139.0 | 1.1 | 146.0 | 175.8 | 33.0 | 26.7 | 0.0 | 69.8 | 42.0 | 1.0 |
| 62.58 | 19.08 | 12330.7 | 248.5 | 2.0 | 147.4 | 177.3 | 41.1 | 33.1 | 0.0 | 67.7 | 42.0 | 1.0 |
| 63.07 | 19.22 | 15990.1 | 164.2 | 1.0 | 148.8 | 178.8 | 32.0 | 25.7 | 0.0 | 75.0 | 42.0 | 1.0 |
| 63.57 | 19.38 | 6733.6 | 122.6 | 1.8 | 150.1 | 180.3 | 22.4 | 17.9 | 0.0 | 50.1 | 38.0 | 1.0 |
| 64.06 | 19.53 | 1923.0 | 29.3 | 1.5 | 151.4 | 181.7 | 7.7 | 6.1 | 106.0 | 30.0 | 30.0 | 3.0 |
| 64.55 | 19.67 | 1092.9 | 2.6 | 0.2 | 152.6 | 183.2 | 4.4 | 3.5 | 50.5 | 30.0 | 30.0 | 1.5 |
| 65.04 | 19.83 | 1137.6 | 3.1 | 0.3 | 153.9 | 184.7 | 4.6 | 3.6 | 53.3 | 30.0 | 30.0 | 1.5 |
| 65.53 | 19.97 | 1116.3 | 2.0 | 0.2 | 155.1 | 186.1 | 4.5 | 3.5 | 51.7 | 30.0 | 30.0 | 1.5 |
| 66.03 | 20.12 | 1102.9 | 2.5 | 0.2 | 156.3 | 187.6 | 4.4 | 3.5 | 50.6 | 30.0 | 30.0 | 1.5 |
| 66.52 | 20.28 | 1859.8 | 14.2 | 0.8 | 157.5 | 189.1 | 7.4 | 5.8 | 100.9 | 30.0 | 30.0 | 3.0 |
| 67.01 | 20.42 | 1591.9 | 23.0 | 1.4 | 158.8 | 190.6 | 6.4 | 4.9 | 82.8 | 30.0 | 30.0 | 3.0 |
| 67.50 | 20.58 | 1448.3 | 7.8 | 0.5 | 160.0 | 192.0 | 5.8 | 4.5 | 73.1 | 30.0 | 30.0 | 1.5 |
| 67.99 | 20.72 | 1610.3 | 10.7 | 0.7 | 161.2 | 193.5 | 6.4 | 5.0 | 83.7 | 30.0 | 30.0 | 3.0 |
| 68.49 | 20.88 | 4285.4 | 23.1 | 0.5 | 162.5 | 195.0 | 14.3 | 11.0 | 0.0 | 36.0 | 34.0 | 1.0 |
| 68.98 | 21.03 | 2488.3 | 23.8 | 1.0 | 163.8 | 196.4 | 8.3 | 6.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 69.47 | 21.17 | 1734.7 | 13.6 | 0.8 | 165.1 | 197.9 | 6.9 | 5.3 | 91.4 | 30.0 | 30.0 | 3.0 |
| 69.96 | 21.33 | 2464.0 | 20.4 | 0.8 | 166.3 | 199.4 | 8.2 | 6.2 | 0.0 | 30.0 | 32.0 | 1.0 |
| 70.46 | 21.47 | 2810.9 | 23.8 | 0.8 | 167.6 | 200.9 | 9.4 | 7.1 | 0.0 | 30.0 | 32.0 | 1.0 |
| 70.95 | 21.62 | 2245.4 | 18.1 | 0.8 | 168.9 | 202.3 | 9.0 | 6.8 | 124.9 | 30.0 | 30.0 | 3.0 |
| 71.44 | 21.78 | 2117.1 | 35.4 | 1.7 | 170.1 | 203.8 | 8.5 | 6.4 | 116.2 | 30.0 | 30.0 | 3.0 |
| 71.93 | 21.92 | 2039.9 | 16.1 | 0.8 | 171.4 | 205.3 | 8.2 | 6.1 | 110.9 | 30.0 | 30.0 | 3.0 |
| 72.42 | 22.08 | 2912.8 | 28.0 | 1.0 | 172.6 | 206.7 | 9.7 | 7.2 | 0.0 | 30.0 | 32.0 | 1.0 |
| 72.92 | 22.22 | 2665.3 | 38.4 | 1.4 | 173.9 | 208.2 | 10.7 | 7.9 | 152.2 | 30.0 | 32.0 | 3.0 |
| 73.41 | 22.38 | 2913.3 | 48.8 | 1.7 | 175.1 | 209.7 | 11.7 | 8.6 | 168.6 | 30.0 | 32.0 | 3.0 |
| 73.90 | 22.53 | 1604.0 | 8.0 | 0.5 | 176.3 | 211.2 | 6.4 | 4.7 | 81.1 | 30.0 | 30.0 | 1.5 |
| 74.39 | 22.67 | 1478.6 | 5.1 | 0.3 | 177.6 | 212.6 | 5.9 | 4.3 | 72.6 | 30.0 | 30.0 | 1.5 |
| 74.88 | 22.83 | 1427.7 | 10.9 | 0.8 | 178.8 | 214.1 | 5.7 | 4.2 | 69.0 | 30.0 | 30.0 | 1.5 |
| 75.38 | 22.97 | 1477.5 | 6.9 | 0.5 | 180.0 | 215.6 | 5.9 | 4.3 | 72.1 | 30.0 | 30.0 | 1.5 |
| 75.87 | 23.12 | 1601.9 | 8.1 | 0.5 | 181.3 | 217.0 | 6.4 | 4.7 | 80.2 | 30.0 | 30.0 | 1.5 |
| 76.36 | 23.28 | 1515.3 | 8.4 | 0.6 | 182.5 | 218.5 | 6.1 | 4.4 | 74.3 | 30.0 | 30.0 | 1.5 |
| 76.85 | 23.42 | 1424.8 | 23.0 | 1.6 | 183.7 | 220.0 | 5.7 | 4.1 | 68.1 | 30.0 | 30.0 | 1.5 |
| 77.34 | 23.58 | 1408.8 | 5.9 | 0.4 | 184.9 | 221.5 | 5.6 | 4.1 | 66.8 | 30.0 | 30.0 | 1.5 |
| 77.84 | 23.72 | 2459.6 | 61.1 | 2.5 | 186.2 | 222.9 | 9.8 | 7.1 | 136.7 | 30.0 | 30.0 | 3.0 |
| 78.33 | 23.88 | 2469.2 | 99.7 | 4.0 | 187.4 | 224.4 | 16.5 | 11.8 | 137.2 | 0.0 | 0.0 | 3.0 |
| 78.82 | 24.03 | 1690.6 | 34.1 | 2.0 | 188.6 | 225.9 | 6.8 | 4.8 | 85.1 | 30.0 | 30.0 | 1.5 |
| 79.31 | 24.17 | 1782.5 | 40.7 | 2.3 | 189.9 | 227.3 | 8.9 | 6.3 | 91.0 | 0.0 | 0.0 | 1.5 |
| 79.81 | 24.33 | 2581.0 | 63.5 | 2.5 | 191.1 | 228.8 | 10.3 | 7.3 | 144.1 | 30.0 | 30.0 | 3.0 |
| 80.30 | 24.47 | 2806.4 | 43.4 | 1.5 | 192.3 | 230.3 | 11.2 | 7.9 | 158.9 | 30.0 | 32.0 | 3.0 |
| 80.79 | 24.62 | 2334.3 | 15.5 | 0.7 | 193.6 | 231.8 | 7.8 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 81.28 | 24.78 | 2051.6 | 25.8 | 1.3 | 194.8 | 233.2 | 8.2 | 5.8 | 108.2 | 30.0 | 30.0 | 3.0 |
| 81.77 | 24.92 | 2472.5 | 41.7 | 1.7 | 196.1 | 234.7 | 9.9 | 6.9 | 136.1 | 30.0 | 30.0 | 3.0 |
| 82.27 | 25.08 | 2221.5 | 37.6 | 1.7 | 197.3 | 236.2 | 8.9 | 6.2 | 119.2 | 30.0 | 30.0 | 3.0 |
| 82.76 | 25.22 | 2707.8 | 44.5 | 1.6 | 198.5 | 237.6 | 10.8 | 7.5 | 151.4 | 30.0 | 30.0 | 3.0 |
| 83.25 | 25.38 | 4574.7 | 56.7 | 1.2 | 199.8 | 239.1 | 15.2 | 10.6 | 0.0 | 34.9 | 34.0 | 1.0 |
| 83.74 | 25.53 | 7452.8 | 104.6 | 1.4 | 201.1 | 240.6 | 24.8 | 17.1 | 0.0 | 48.8 | 38.0 | 1.0 |
| 84.23 | 25.67 | 3916.0 | 76.4 | 2.0 | 202.4 | 242.1 | 15.7 | 10.8 | 231.4 | 30.3 | 32.0 | 6.0 |
| 84.73 | 25.83 | 6098.0 | 80.3 | 1.3 | 203.6 | 243.5 | 20.3 | 13.9 | 0.0 | 42.9 | 36.0 | 1.0 |
| 85.22 | 25.97 | 3220.2 | 48.8 | 1.5 | 204.9 | 245.0 | 12.9 | 8.8 | 184.7 | 30.0 | 32.0 | 3.0 |
| 85.71 | 26.12 | 2281.4 | 10.7 | 0.5 | 206.2 | 246.5 | 7.6 | 5.2 | 0.0 | 30.0 | 30.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N50 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 2081.8 | 10.3 | 0.5 | 207.5 | 247.9 | 6.9 | 4.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 86.70 | 26.42 | 2131.9 | 14.1 | 0.7 | 208.8 | 249.4 | 7.1 | 4.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 87.19 | 26.58 | 2501.9 | 14.2 | 0.6 | 210.1 | 250.9 | 8.3 | 5.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 87.68 | 26.72 | 2461.5 | 15.0 | 0.6 | 211.4 | 252.4 | 8.2 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 88.17 | 26.88 | 2438.3 | 16.4 | 0.7 | 212.7 | 253.8 | 8.1 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 88.66 | 27.03 | 2302.0 | 20.1 | 0.9 | 213.9 | 255.3 | 9.2 | 6.2 | 122.2 | 30.0 | 30.0 | 3.0 |
| 89.16 | 27.17 | 2203.2 | 20.0 | 0.9 | 215.2 | 256.8 | 8.8 | 5.9 | 115.4 | 30.0 | 30.0 | 3.0 |
| 89.65 | 27.33 | 2631.7 | 27.3 | 1.0 | 216.4 | 258.2 | 8.8 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 90.14 | 27.47 | 3002.5 | 36.1 | 1.2 | 217.7 | 259.7 | 10.0 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 90.63 | 27.62 | 3024.6 | 41.4 | 1.4 | 219.0 | 261.2 | 12.1 | 8.0 | 169.6 | 30.0 | 30.0 | 3.0 |
| 91.12 | 27.78 | 4156.9 | 134.0 | 3.2 | 220.2 | 262.7 | 20.8 | 13.7 | 244.9 | 0.0 | 0.0 | 6.0 |
| 91.62 | 27.92 | 9053.3 | 249.9 | 2.8 | 221.5 | 264.1 | 36.2 | 23.8 | 571.2 | 53.0 | 38.0 | 6.0 |
| 92.11 | 28.08 | 5027.9 | 156.5 | 3.1 | 222.7 | 265.6 | 20.1 | 13.2 | 302.6 | 36.1 | 34.0 | 6.0 |
| 92.60 | 28.22 | 2738.0 | 51.0 | 1.9 | 223.9 | 267.1 | 11.0 | 7.2 | 149.8 | 30.0 | 30.0 | 3.0 |
| 93.09 | 28.38 | 3211.7 | 58.4 | 1.8 | 225.2 | 268.5 | 12.8 | 8.4 | 181.2 | 30.0 | 30.0 | 3.0 |
| 93.58 | 28.53 | 3388.1 | 73.4 | 2.2 | 226.4 | 270.0 | 13.6 | 8.8 | 192.8 | 30.0 | 32.0 | 3.0 |
| 94.08 | 28.67 | 4176.4 | 82.4 | 2.0 | 227.6 | 271.5 | 16.7 | 10.8 | 245.2 | 30.5 | 32.0 | 6.0 |
| 94.57 | 28.83 | 4441.0 | 112.2 | 2.5 | 228.8 | 273.0 | 17.8 | 11.5 | 262.6 | 32.1 | 32.0 | 6.0 |
| 95.06 | 28.97 | 5388.5 | 99.5 | 1.8 | 230.1 | 274.4 | 18.0 | 11.6 | 0.0 | 37.6 | 34.0 | 1.0 |
| 95.55 | 29.12 | 6002.2 | 113.7 | 1.9 | 231.4 | 275.9 | 20.0 | 12.9 | 0.0 | 40.6 | 34.0 | 1.0 |
| 96.05 | 29.28 | 10367.3 | 166.3 | 1.6 | 232.7 | 277.4 | 34.6 | 22.2 | 0.0 | 56.2 | 38.0 | 1.0 |
| 96.54 | 29.42 | 4836.2 | 152.6 | 3.2 | 234.0 | 278.8 | 19.3 | 12.4 | 288.2 | 34.3 | 32.0 | 6.0 |
| 97.03 | 29.58 | 13009.1 | 185.7 | 1.4 | 235.3 | 280.3 | 32.5 | 20.8 | 0.0 | 62.6 | 40.0 | 1.0 |
| 97.52 | 29.72 | 19883.5 | 295.3 | 1.5 | 236.7 | 281.8 | 49.7 | 31.6 | 0.0 | 74.6 | 42.0 | 1.0 |
| 98.01 | 29.88 | 22228.9 | 417.1 | 1.9 | 238.0 | 283.3 | 55.6 | 35.3 | 0.0 | 77.7 | 42.0 | 1.0 |
| 98.51 | 30.03 | 29083.7 | 406.4 | 1.4 | 239.4 | 284.7 | 72.7 | 46.0 | 0.0 | 85.4 | 42.0 | 1.0 |
| 99.00 | 30.17 | 32493.8 | 307.2 | 0.9 | 240.8 | 286.2 | 65.0 | 41.0 | 0.0 | 88.5 | 44.0 | 1.0 |
| 99.49 | 30.33 | 26969.5 | 283.7 | 1.1 | 242.3 | 287.7 | 53.9 | 33.9 | 0.0 | 83.0 | 42.0 | 1.0 |
| 99.98 | 30.47 | 23879.5 | 219.6 | 0.9 | 243.7 | 289.1 | 47.8 | 29.9 | 0.0 | 79.5 | 42.0 | 1.0 |
| 100.47 | 30.62 | 22409.3 | 174.9 | 0.8 | 245.2 | 290.6 | 44.8 | 28.0 | 0.0 | 77.6 | 42.0 | 1.0 |
| 100.97 | 30.78 | 15101.8 | 156.8 | 1.0 | 246.6 | 292.1 | 30.2 | 18.8 | 0.0 | 66.2 | 40.0 | 1.0 |
| 101.46 | 30.92 | 4117.4 | 145.2 | 3.5 | 248.0 | 293.6 | 20.6 | 12.8 | 238.4 | 0.0 | 0.0 | 3.0 |
| 101.95 | 31.08 | 2759.2 | 34.3 | 1.2 | 249.2 | 295.0 | 11.0 | 6.8 | 147.7 | 30.0 | 30.0 | 3.0 |
| 102.44 | 31.22 | 2046.3 | 20.5 | 1.0 | 250.4 | 296.5 | 8.2 | 5.1 | 100.0 | 30.0 | 30.0 | 1.5 |
| 102.94 | 31.38 | 1953.0 | 16.4 | 0.8 | 251.7 | 298.0 | 7.8 | 4.8 | 93.6 | 30.0 | 30.0 | 1.5 |
| 103.43 | 31.53 | 2119.3 | 14.9 | 0.7 | 252.9 | 299.5 | 8.5 | 5.2 | 104.5 | 30.0 | 30.0 | 1.5 |
| 103.92 | 31.67 | 2054.2 | 16.8 | 0.8 | 254.1 | 300.9 | 8.2 | 5.0 | 99.9 | 30.0 | 30.0 | 1.5 |
| 104.41 | 31.83 | 1965.9 | 16.6 | 0.8 | 255.4 | 302.4 | 7.9 | 4.8 | 93.9 | 30.0 | 30.0 | 1.5 |
| 104.90 | 31.97 | 1880.8 | 15.7 | 0.8 | 256.6 | 303.9 | 7.5 | 4.6 | 88.0 | 30.0 | 30.0 | 1.5 |
| 105.40 | 32.12 | 1901.6 | 13.7 | 0.7 | 257.8 | 305.3 | 7.6 | 4.6 | 89.2 | 30.0 | 30.0 | 1.5 |
| 105.89 | 32.28 | 2649.9 | 20.8 | 0.8 | 259.1 | 306.8 | 8.8 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 106.38 | 32.42 | 2295.7 | 23.5 | 1.0 | 260.3 | 308.3 | 9.2 | 5.6 | 115.1 | 30.0 | 30.0 | 1.5 |
| 106.87 | 32.58 | 1951.2 | 16.2 | 0.8 | 261.6 | 309.8 | 7.8 | 4.7 | 92.0 | 30.0 | 30.0 | 1.5 |
| 107.36 | 32.72 | 2127.1 | 27.1 | 1.3 | 262.8 | 311.2 | 8.5 | 5.1 | 103.5 | 30.0 | 30.0 | 1.5 |
| 107.86 | 32.88 | 3619.1 | 73.4 | 2.0 | 264.0 | 312.7 | 14.5 | 8.7 | 202.8 | 30.0 | 30.0 | 3.0 |
| 108.35 | 33.03 | 8211.2 | 224.0 | 2.7 | 265.3 | 314.2 | 32.8 | 19.7 | 508.8 | 47.6 | 36.0 | 6.0 |
| 108.84 | 33.17 | 20042.0 | 250.0 | 1.2 | 266.6 | 315.6 | 50.1 | 30.0 | 0.0 | 73.2 | 40.0 | 1.0 |
| 109.33 | 33.33 | 24043.0 | 243.6 | 1.0 | 268.0 | 317.1 | 48.1 | 28.7 | 0.0 | 78.3 | 42.0 | 1.0 |
| 109.82 | 33.47 | 27361.2 | 230.1 | 0.8 | 269.4 | 318.6 | 54.7 | 32.6 | 0.0 | 81.9 | 42.0 | 1.0 |
| 110.32 | 33.62 | 25044.2 | 157.2 | 0.6 | 270.9 | 320.1 | 50.1 | 29.8 | 0.0 | 79.3 | 42.0 | 1.0 |
| 110.81 | 33.78 | 24458.5 | 175.6 | 0.7 | 272.3 | 321.5 | 48.9 | 29.0 | 0.0 | 78.6 | 42.0 | 1.0 |
| 111.30 | 33.92 | 29702.0 | 215.3 | 0.7 | 273.8 | 323.0 | 59.4 | 35.1 | 0.0 | 84.0 | 42.0 | 1.0 |
| 111.79 | 34.08 | 34051.7 | 160.3 | 0.5 | 275.3 | 324.5 | 56.8 | 33.5 | 0.0 | 87.9 | 42.0 | 1.0 |
| 112.29 | 34.22 | 35412.7 | 165.0 | 0.5 | 276.8 | 325.9 | 59.0 | 34.7 | 0.0 | 88.9 | 44.0 | 1.0 |
| 112.78 | 34.38 | 34369.0 | 138.1 | 0.4 | 278.3 | 327.4 | 57.3 | 33.6 | 0.0 | 88.0 | 42.0 | 1.0 |
| 113.27 | 34.53 | 27444.1 | 202.4 | 0.7 | 279.8 | 328.9 | 54.9 | 32.1 | 0.0 | 81.5 | 42.0 | 1.0 |
| 113.76 | 34.67 | 36110.8 | 133.3 | 0.4 | 281.3 | 330.4 | 60.2 | 35.1 | 0.0 | 89.3 | 44.0 | 1.0 |
| 114.25 | 34.83 | 29945.7 | 189.6 | 0.6 | 282.8 | 331.8 | 59.9 | 34.9 | 0.0 | 83.8 | 42.0 | 1.0 |
| 114.75 | 34.97 | 24985.8 | 209.6 | 0.8 | 284.3 | 333.3 | 50.0 | 29.0 | 0.0 | 78.6 | 42.0 | 1.0 |
| 115.24 | 35.12 | 31168.1 | 175.9 | 0.6 | 285.8 | 334.8 | 51.9 | 30.1 | 0.0 | 84.8 | 42.0 | 1.0 |
| 115.73 | 35.28 | 34896.0 | 158.8 | 0.5 | 287.3 | 336.2 | 58.2 | 33.6 | 0.0 | 88.0 | 42.0 | 1.0 |
| 116.22 | 35.42 | 37729.9 | 132.4 | 0.4 | 288.8 | 337.7 | 62.9 | 36.2 | 0.0 | 90.1 | 44.0 | 1.0 |
| 116.71 | 35.58 | 36620.7 | 131.0 | 0.4 | 290.3 | 339.2 | 61.0 | 35.1 | 0.0 | 89.2 | 44.0 | 1.0 |
| 117.21 | 35.72 | 35078.7 | 104.3 | 0.3 | 291.9 | 340.7 | 58.5 | 33.5 | 0.0 | 87.9 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 17324.1 | 128.3 | 0.7 | 293.4 | 342.1 | 34.6 | 19.8 | 0.0 | 67.6 | 40.0 | 1.0 |
| 118.19 | 36.03 | 5392.1 | 112.9 | 2.1 | 294.7 | 343.6 | 18.0 | 10.2 | 0.0 | 34.1 | 32.0 | 1.0 |
| 118.68 | 36.17 | 5369.3 | 64.5 | 1.2 | 296.0 | 345.1 | 17.9 | 10.2 | 0.0 | 33.9 | 32.0 | 1.0 |
| 119.18 | 36.33 | 5352.0 | 70.3 | 1.3 | 297.3 | 346.5 | 17.8 | 10.1 | 0.0 | 33.7 | 32.0 | 1.0 |
| 119.67 | 36.47 | 6425.5 | 96.9 | 1.5 | 298.7 | 348.0 | 21.4 | 12.1 | 0.0 | 38.9 | 34.0 | 1.0 |
| 120.16 | 36.62 | 8287.0 | 223.9 | 2.7 | 299.9 | 349.5 | 33.1 | 18.7 | 509.2 | 46.1 | 36.0 | 6.0 |
| 120.65 | 36.78 | 6972.3 | 250.0 | 3.6 | 301.1 | 351.0 | 34.9 | 19.7 | 421.3 | 0.0 | 0.0 | 6.0 |
| 121.14 | 36.92 | 7526.6 | 274.9 | 3.7 | 302.4 | 352.4 | 37.6 | 21.2 | 458.1 | 0.0 | 0.0 | 6.0 |
| 121.64 | 37.08 | 8689.2 | 286.8 | 3.3 | 303.6 | 353.9 | 34.8 | 19.5 | 535.4 | 47.3 | 36.0 | 6.0 |
| 122.21 | 37.25 | 13501.9 | 351.7 | 2.6 | 305.1 | 355.6 | 45.0 | 25.2 | 0.0 | 59.9 | 38.0 | 1.0 |
| 122.78 | 37.42 | 15242.0 | 385.0 | 2.5 | 306.6 | 357.3 | 50.8 | 28.4 | 0.0 | 63.3 | 38.0 | 1.0 |
| 123.28 | 37.58 | 17011.6 | 394.8 | 2.3 | 307.9 | 358.8 | 56.7 | 31.6 | 0.0 | 66.4 | 40.0 | 1.0 |
| 123.77 | 37.72 | 21349.5 | 246.8 | 1.2 | 309.3 | 360.3 | 42.7 | 23.8 | 0.0 | 72.8 | 40.0 | 1.0 |
| 124.26 | 37.88 | 21103.9 | 378.7 | 1.8 | 310.7 | 361.7 | 52.8 | 29.3 | 0.0 | 72.4 | 40.0 | 1.0 |
| 124.75 | 38.03 | 22694.9 | 468.6 | 2.1 | 312.1 | 363.2 | 56.7 | 31.4 | 0.0 | 74.5 | 40.0 | 1.0 |
| 125.24 | 38.17 | 25676.7 | 340.8 | 1.3 | 313.5 | 364.7 | 64.2 | 35.5 | 0.0 | 77.9 | 42.0 | 1.0 |
| 125.74 | 38.33 | 28878.6 | 330.1 | 1.1 | 314.9 | 366.2 | 57.8 | 31.9 | 0.0 | 81.2 | 42.0 | 1.0 |
| 126.23 | 38.47 | 22711.9 | 205.6 | 0.9 | 316.3 | 367.6 | 45.4 | 25.0 | 0.0 | 74.3 | 40.0 | 1.0 |
| 126.72 | 38.62 | 6192.7 | 147.6 | 2.4 | 317.7 | 369.1 | 24.8 | 13.6 | 367.1 | 37.0 | 32.0 | 6.0 |
| 127.21 | 38.78 | 3139.1 | 81.4 | 2.6 | 318.9 | 370.6 | 12.6 | 6.9 | 163.3 | 30.0 | 30.0 | 3.0 |
| 127.71 | 38.92 | 7822.4 | 290.1 | 3.7 | 320.1 | 372.0 | 39.1 | 21.4 | 475.3 | 0.0 | 0.0 | 6.0 |
| 128.20 | 39.08 | 16258.7 | 481.2 | 3.0 | 321.4 | 373.5 | 54.2 | 29.6 | 0.0 | 64.5 | 38.0 | 1.0 |
| 128.69 | 39.22 | 29733.1 | 448.1 | 1.5 | 322.7 | 375.0 | 74.3 | 40.5 | 0.0 | 81.7 | 42.0 | 1.0 |
| 129.18 | 39.38 | 33907.0 | 532.0 | 1.6 | 324.1 | 376.5 | 84.8 | 46.1 | 0.0 | 85.4 | 42.0 | 1.0 |
| 129.67 | 39.53 | 29716.3 | 334.9 | 1.1 | 325.5 | 377.9 | 59.4 | 32.2 | 0.0 | 81.6 | 42.0 | 1.0 |
| 130.17 | 39.67 | 33583.8 | 198.5 | 0.6 | 327.0 | 379.4 | 56.0 | 30.3 | 0.0 | 85.0 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-2966
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-5-294
 Location: STRUCTURE 5
 Cone: 20 TON A 092
 CPT Date: 00/03/02
 CPT Time: 07:50
 CPT File: 300SC294.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 323.1 | 10.7 | 3.3 | 1.3 | 0.0 | 3.2 | 6.5 | 21.4 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1187.0 | 36.5 | 3.1 | 4.0 | 0.0 | 7.9 | 15.8 | 78.9 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 1353.5 | 62.5 | 4.6 | 6.6 | 0.0 | 13.5 | 27.1 | 89.8 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 971.9 | 35.1 | 3.6 | 9.3 | 0.0 | 9.7 | 19.4 | 64.2 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 1030.7 | 29.0 | 2.8 | 11.9 | 0.0 | 6.9 | 13.7 | 67.9 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 835.4 | 23.7 | 2.8 | 14.6 | 0.0 | 5.6 | 11.1 | 54.7 | 0.0 | 0.0 | 6.0 |
| 3.20 | 0.97 | 837.1 | 12.5 | 1.5 | 17.3 | 0.0 | 4.2 | 8.4 | 54.6 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 543.1 | 7.9 | 1.5 | 18.6 | 1.0 | 2.7 | 5.4 | 34.9 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 479.6 | 5.9 | 1.2 | 19.2 | 2.2 | 2.4 | 4.8 | 30.5 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 424.0 | 2.6 | 0.6 | 19.6 | 3.7 | 2.1 | 4.2 | 26.7 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 638.0 | 4.4 | 0.7 | 20.0 | 5.2 | 3.2 | 6.4 | 40.9 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1391.9 | 13.4 | 1.0 | 20.8 | 6.6 | 5.6 | 11.1 | 91.0 | 33.2 | 40.0 | 10.0 |
| 5.99 | 1.83 | 802.4 | 9.1 | 1.1 | 22.1 | 8.1 | 4.0 | 8.0 | 51.5 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 555.2 | 2.1 | 0.4 | 22.9 | 9.8 | 2.8 | 5.6 | 34.8 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 417.0 | 3.2 | 0.8 | 23.4 | 11.5 | 2.1 | 4.2 | 25.5 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 347.6 | 2.2 | 0.6 | 23.8 | 13.0 | 1.7 | 3.5 | 20.7 | 0.0 | 0.0 | 3.0 |
| 8.12 | 2.47 | 562.4 | 3.7 | 0.7 | 24.2 | 14.5 | 2.8 | 5.6 | 34.9 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 468.4 | 2.6 | 0.6 | 24.6 | 15.9 | 2.3 | 4.6 | 28.5 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 480.5 | 2.0 | 0.4 | 25.0 | 17.4 | 2.4 | 4.7 | 29.2 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 520.1 | 2.0 | 0.4 | 25.4 | 18.9 | 2.6 | 5.0 | 31.7 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 688.0 | 5.7 | 0.8 | 26.2 | 20.4 | 3.4 | 6.6 | 42.8 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 494.9 | 2.3 | 0.5 | 27.1 | 21.8 | 2.5 | 4.7 | 29.7 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1478.0 | 9.7 | 0.7 | 27.9 | 23.3 | 5.9 | 11.0 | 95.1 | 30.8 | 38.0 | 6.0 |
| 11.56 | 3.53 | 612.9 | 7.7 | 1.3 | 29.1 | 24.8 | 3.1 | 5.6 | 37.3 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 528.6 | 2.1 | 0.4 | 29.9 | 26.2 | 2.6 | 4.7 | 31.5 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 563.5 | 2.0 | 0.4 | 30.3 | 27.7 | 2.8 | 5.0 | 33.7 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 561.5 | 3.8 | 0.7 | 30.7 | 29.2 | 2.8 | 5.0 | 33.4 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1034.3 | 11.0 | 1.1 | 31.5 | 30.7 | 4.1 | 7.2 | 64.8 | 30.0 | 36.0 | 6.0 |
| 14.03 | 4.27 | 883.0 | 18.3 | 2.1 | 32.8 | 32.1 | 4.4 | 7.5 | 54.5 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 862.3 | 10.1 | 1.2 | 34.0 | 33.6 | 4.3 | 7.2 | 53.0 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 611.0 | 3.1 | 0.5 | 34.8 | 35.1 | 3.1 | 5.1 | 36.1 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 880.7 | 7.4 | 0.8 | 35.6 | 36.5 | 4.4 | 7.2 | 53.9 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 806.5 | 6.2 | 0.8 | 36.9 | 38.0 | 4.0 | 6.5 | 48.8 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 625.7 | 2.9 | 0.5 | 37.7 | 39.5 | 3.1 | 5.0 | 36.6 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 757.2 | 3.2 | 0.4 | 38.1 | 41.0 | 3.8 | 6.0 | 45.2 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 3924.8 | 30.2 | 0.8 | 38.9 | 42.4 | 13.1 | 20.5 | 0.0 | 54.0 | 42.0 | 1.0 |
| 17.96 | 5.48 | 9304.7 | 97.1 | 1.0 | 40.3 | 43.9 | 23.3 | 35.9 | 0.0 | 78.2 | 46.0 | 1.0 |
| 18.45 | 5.62 | 1353.8 | 38.1 | 2.8 | 41.6 | 45.4 | 6.8 | 10.3 | 84.5 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 697.2 | 4.1 | 0.6 | 42.4 | 46.8 | 3.5 | 5.2 | 40.5 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 660.1 | 4.1 | 0.6 | 42.8 | 48.3 | 3.3 | 4.9 | 37.9 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 6217.7 | 51.0 | 0.8 | 43.7 | 49.8 | 15.5 | 23.0 | 0.0 | 65.5 | 44.0 | 1.0 |
| 20.42 | 6.23 | 16764.8 | 121.9 | 0.7 | 45.1 | 51.3 | 33.5 | 48.9 | 0.0 | 93.5 | 48.0 | 1.0 |
| 20.92 | 6.38 | 14696.5 | 128.1 | 0.9 | 46.6 | 52.7 | 29.4 | 42.2 | 0.0 | 89.3 | 46.0 | 1.0 |
| 21.41 | 6.52 | 2647.3 | 55.9 | 2.1 | 47.9 | 54.2 | 10.6 | 15.0 | 169.7 | 39.7 | 40.0 | 6.0 |
| 21.90 | 6.68 | 1403.2 | 18.4 | 1.3 | 49.1 | 55.7 | 5.6 | 7.8 | 86.6 | 30.0 | 36.0 | 6.0 |
| 22.39 | 6.82 | 991.8 | 14.3 | 1.4 | 50.4 | 57.1 | 5.0 | 6.8 | 59.0 | 0.0 | 0.0 | 6.0 |
| 22.88 | 6.98 | 5243.7 | 40.5 | 0.8 | 51.7 | 58.6 | 13.1 | 17.9 | 0.0 | 58.2 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 3067.6 | 42.1 | 1.4 | 53.0 | 60.1 | 12.3 | 16.5 | 197.0 | 42.5 | 40.0 | 6.0 |
| 23.87 | 7.27 | 882.1 | 13.0 | 1.5 | 54.2 | 61.6 | 4.4 | 5.9 | 51.1 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 799.3 | 9.3 | 1.2 | 55.4 | 63.0 | 4.0 | 5.3 | 45.4 | 0.0 | 0.0 | 3.0 |
| 24.85 | 7.57 | 1570.0 | 19.6 | 1.2 | 56.6 | 64.5 | 6.3 | 8.2 | 96.6 | 30.0 | 36.0 | 6.0 |
| 25.34 | 7.73 | 2920.3 | 25.9 | 0.9 | 57.9 | 66.0 | 9.7 | 12.5 | 0.0 | 39.8 | 38.0 | 1.0 |
| 25.84 | 7.88 | 8312.9 | 77.7 | 0.9 | 59.3 | 67.4 | 20.8 | 26.4 | 0.0 | 69.5 | 44.0 | 1.0 |
| 26.33 | 8.02 | 1835.9 | 50.6 | 2.8 | 60.6 | 68.9 | 9.2 | 11.5 | 113.8 | 0.0 | 0.0 | 6.0 |
| 26.82 | 8.18 | 13598.7 | 146.4 | 1.1 | 61.9 | 70.4 | 34.0 | 42.3 | 0.0 | 83.0 | 46.0 | 1.0 |
| 27.31 | 8.32 | 2205.2 | 106.3 | 4.8 | 63.1 | 71.9 | 22.1 | 27.2 | 138.0 | 0.0 | 0.0 | 6.0 |
| 27.80 | 8.48 | 2079.4 | 14.3 | 0.7 | 64.3 | 73.3 | 8.3 | 10.2 | 129.5 | 30.0 | 36.0 | 6.0 |
| 28.30 | 8.62 | 1858.8 | 36.9 | 2.0 | 65.5 | 74.8 | 7.4 | 9.0 | 114.6 | 30.0 | 36.0 | 6.0 |
| 28.79 | 8.77 | 878.8 | 8.4 | 1.0 | 66.8 | 76.3 | 4.4 | 5.3 | 49.1 | 0.0 | 0.0 | 3.0 |
| 29.28 | 8.93 | 1230.3 | 8.3 | 0.7 | 68.0 | 77.7 | 4.9 | 5.8 | 72.3 | 30.0 | 32.0 | 6.0 |
| 29.77 | 9.07 | 845.8 | 6.0 | 0.7 | 69.2 | 79.2 | 3.4 | 4.0 | 46.5 | 30.0 | 30.0 | 3.0 |
| 30.27 | 9.23 | 888.5 | 5.2 | 0.6 | 70.5 | 80.7 | 3.6 | 4.1 | 49.2 | 30.0 | 30.0 | 3.0 |
| 30.76 | 9.38 | 1448.5 | 14.9 | 1.0 | 71.7 | 82.2 | 5.8 | 6.7 | 86.3 | 30.0 | 32.0 | 6.0 |
| 31.17 | 9.50 | 1490.6 | 20.0 | 1.3 | 72.7 | 83.4 | 6.0 | 6.8 | 89.0 | 30.0 | 32.0 | 6.0 |
| 31.58 | 9.62 | 1049.4 | 8.7 | 0.8 | 73.7 | 84.6 | 4.2 | 4.8 | 59.4 | 30.0 | 30.0 | 3.0 |
| 32.07 | 9.77 | 1083.9 | 8.4 | 0.8 | 75.0 | 86.1 | 4.3 | 4.9 | 61.5 | 30.0 | 32.0 | 3.0 |
| 32.56 | 9.93 | 1991.0 | 11.3 | 0.6 | 76.2 | 87.6 | 6.6 | 7.4 | 0.0 | 30.0 | 34.0 | 1.0 |
| 33.05 | 10.07 | 1333.2 | 14.6 | 1.1 | 77.5 | 89.0 | 5.3 | 5.9 | 77.8 | 30.0 | 32.0 | 6.0 |
| 33.55 | 10.23 | 1148.6 | 10.1 | 0.9 | 78.7 | 90.5 | 4.6 | 5.1 | 65.3 | 30.0 | 32.0 | 3.0 |
| 34.04 | 10.38 | 1421.3 | 10.5 | 0.7 | 80.0 | 92.0 | 5.7 | 6.2 | 83.3 | 30.0 | 32.0 | 6.0 |
| 34.53 | 10.52 | 1350.2 | 10.6 | 0.8 | 81.2 | 93.4 | 5.4 | 5.9 | 78.4 | 30.0 | 32.0 | 3.0 |
| 35.02 | 10.68 | 1169.5 | 10.8 | 0.9 | 82.4 | 94.9 | 4.7 | 5.0 | 66.1 | 30.0 | 30.0 | 3.0 |
| 35.51 | 10.82 | 1251.0 | 13.0 | 1.0 | 83.6 | 96.4 | 5.0 | 5.4 | 71.4 | 30.0 | 32.0 | 3.0 |
| 36.01 | 10.98 | 1377.6 | 12.2 | 0.9 | 84.9 | 97.9 | 5.5 | 5.9 | 79.7 | 30.0 | 32.0 | 3.0 |
| 36.50 | 11.12 | 1534.0 | 9.1 | 0.6 | 86.1 | 99.3 | 6.1 | 6.5 | 89.9 | 30.0 | 32.0 | 6.0 |
| 36.99 | 11.27 | 1330.5 | 13.6 | 1.0 | 87.3 | 100.8 | 5.3 | 5.6 | 76.2 | 30.0 | 32.0 | 3.0 |
| 37.48 | 11.43 | 1664.7 | 17.8 | 1.1 | 88.6 | 102.3 | 6.7 | 6.9 | 98.3 | 30.0 | 32.0 | 6.0 |
| 37.98 | 11.57 | 3003.3 | 16.7 | 0.6 | 89.8 | 103.7 | 10.0 | 10.3 | 0.0 | 34.3 | 36.0 | 1.0 |
| 38.47 | 11.73 | 2053.1 | 17.6 | 0.9 | 91.1 | 105.2 | 8.2 | 8.4 | 123.8 | 30.0 | 34.0 | 6.0 |
| 38.96 | 11.88 | 2254.3 | 22.4 | 1.0 | 92.3 | 106.7 | 9.0 | 9.2 | 137.0 | 30.0 | 34.0 | 6.0 |
| 39.45 | 12.02 | 1538.2 | 10.6 | 0.7 | 93.5 | 108.2 | 6.2 | 6.2 | 89.1 | 30.0 | 32.0 | 3.0 |
| 39.94 | 12.18 | 1755.0 | 23.2 | 1.3 | 94.8 | 109.6 | 7.0 | 7.1 | 103.4 | 30.0 | 32.0 | 6.0 |
| 40.44 | 12.32 | 1732.0 | 40.2 | 2.3 | 96.0 | 111.1 | 8.7 | 8.7 | 101.7 | 0.0 | 0.0 | 6.0 |
| 40.93 | 12.48 | 1459.8 | 17.1 | 1.2 | 97.2 | 112.6 | 5.8 | 5.8 | 83.3 | 30.0 | 32.0 | 3.0 |
| 41.42 | 12.62 | 1411.9 | 9.6 | 0.7 | 98.5 | 114.0 | 5.6 | 5.6 | 80.0 | 30.0 | 32.0 | 3.0 |
| 41.91 | 12.77 | 1500.6 | 15.1 | 1.0 | 99.7 | 115.5 | 6.0 | 5.9 | 85.7 | 30.0 | 32.0 | 3.0 |
| 42.40 | 12.93 | 1405.3 | 21.4 | 1.5 | 100.9 | 117.0 | 5.6 | 5.5 | 79.2 | 30.0 | 30.0 | 3.0 |
| 42.90 | 13.07 | 1299.4 | 16.2 | 1.2 | 102.1 | 118.5 | 5.2 | 5.0 | 71.9 | 30.0 | 30.0 | 3.0 |
| 43.39 | 13.23 | 1570.2 | 19.6 | 1.2 | 103.4 | 119.9 | 6.3 | 6.0 | 89.8 | 30.0 | 32.0 | 3.0 |
| 43.88 | 13.38 | 2479.6 | 20.8 | 0.8 | 104.6 | 121.4 | 8.3 | 7.9 | 0.0 | 30.0 | 34.0 | 1.0 |
| 44.37 | 13.52 | 3545.9 | 40.2 | 1.1 | 105.9 | 122.9 | 11.8 | 11.2 | 0.0 | 36.7 | 36.0 | 1.0 |
| 44.86 | 13.68 | 2445.3 | 41.7 | 1.7 | 107.2 | 124.3 | 9.8 | 9.2 | 147.6 | 30.0 | 34.0 | 6.0 |
| 45.36 | 13.82 | 4214.6 | 36.5 | 0.9 | 108.5 | 125.8 | 14.0 | 13.2 | 0.0 | 41.3 | 38.0 | 1.0 |
| 45.85 | 13.98 | 1730.0 | 18.1 | 1.0 | 109.7 | 127.3 | 6.9 | 6.5 | 99.5 | 30.0 | 32.0 | 3.0 |
| 46.34 | 14.12 | 1320.3 | 5.5 | 0.4 | 111.0 | 128.8 | 5.3 | 4.9 | 72.0 | 30.0 | 30.0 | 3.0 |
| 46.83 | 14.27 | 1834.7 | 14.9 | 0.8 | 112.2 | 130.2 | 7.3 | 6.8 | 106.2 | 30.0 | 32.0 | 3.0 |
| 47.33 | 14.43 | 4630.7 | 55.9 | 1.2 | 113.5 | 131.7 | 15.4 | 14.2 | 0.0 | 43.4 | 38.0 | 1.0 |
| 47.82 | 14.57 | 4762.6 | 46.1 | 1.0 | 114.8 | 133.2 | 15.9 | 14.5 | 0.0 | 44.0 | 38.0 | 1.0 |
| 48.31 | 14.73 | 1954.4 | 23.0 | 1.2 | 116.0 | 134.6 | 7.8 | 7.1 | 113.6 | 30.0 | 32.0 | 3.0 |
| 48.80 | 14.88 | 1429.2 | 8.7 | 0.6 | 117.3 | 136.1 | 5.7 | 5.2 | 78.4 | 30.0 | 30.0 | 3.0 |
| 49.29 | 15.02 | 1463.5 | 9.2 | 0.6 | 118.5 | 137.6 | 5.9 | 5.3 | 80.5 | 30.0 | 30.0 | 3.0 |
| 49.79 | 15.18 | 1594.2 | 13.2 | 0.8 | 119.7 | 139.1 | 6.4 | 5.7 | 89.0 | 30.0 | 30.0 | 3.0 |
| 50.28 | 15.32 | 3955.5 | 34.6 | 0.9 | 121.0 | 140.5 | 13.2 | 11.7 | 0.0 | 38.0 | 36.0 | 1.0 |
| 50.77 | 15.48 | 2133.8 | 20.9 | 1.0 | 122.3 | 142.0 | 8.5 | 7.6 | 124.6 | 30.0 | 32.0 | 6.0 |
| 51.26 | 15.62 | 1672.4 | 19.8 | 1.2 | 123.5 | 143.5 | 6.7 | 5.9 | 93.7 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 5132.1 | 26.4 | 0.5 | 124.8 | 144.9 | 12.8 | 11.2 | 0.0 | 45.0 | 38.0 | 1.0 |
| 52.25 | 15.93 | 2943.2 | 20.4 | 0.7 | 126.1 | 146.4 | 9.8 | 8.5 | 0.0 | 30.0 | 34.0 | 1.0 |
| 52.74 | 16.08 | 1778.9 | 17.4 | 1.0 | 127.4 | 147.9 | 7.1 | 6.2 | 100.2 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 2244.7 | 18.3 | 0.8 | 128.6 | 149.4 | 9.0 | 7.7 | 131.1 | 30.0 | 32.0 | 6.0 |
| 53.72 | 16.38 | 2403.7 | 19.0 | 0.8 | 129.9 | 150.8 | 8.0 | 6.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 54.22 | 16.53 | 2476.0 | 28.6 | 1.2 | 131.1 | 152.3 | 9.9 | 8.5 | 146.2 | 30.0 | 32.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 2369.5 | 20.1 | 0.8 | 132.4 | 153.8 | 7.9 | 6.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 55.20 | 16.83 | 2968.8 | 39.3 | 1.3 | 133.7 | 155.2 | 11.9 | 10.1 | 178.7 | 30.0 | 34.0 | 6.0 |
| 55.69 | 16.97 | 5079.7 | 99.3 | 2.0 | 134.9 | 156.7 | 16.9 | 14.3 | 0.0 | 43.6 | 38.0 | 1.0 |
| 56.18 | 17.12 | 2131.8 | 22.9 | 1.1 | 136.2 | 158.2 | 8.5 | 7.2 | 122.5 | 30.0 | 32.0 | 3.0 |
| 56.68 | 17.28 | 1829.0 | 15.6 | 0.9 | 137.4 | 159.7 | 7.3 | 6.1 | 102.1 | 30.0 | 30.0 | 3.0 |
| 57.17 | 17.42 | 1545.2 | 30.5 | 2.0 | 138.7 | 161.1 | 7.7 | 6.4 | 83.0 | 0.0 | 0.0 | 3.0 |
| 57.66 | 17.58 | 1500.6 | 16.0 | 1.1 | 139.9 | 162.6 | 6.0 | 5.0 | 79.9 | 30.0 | 30.0 | 3.0 |
| 58.15 | 17.72 | 1425.9 | 7.2 | 0.5 | 141.1 | 164.1 | 5.7 | 4.7 | 74.7 | 30.0 | 30.0 | 3.0 |
| 58.64 | 17.88 | 1439.9 | 8.0 | 0.6 | 142.4 | 165.5 | 5.8 | 4.7 | 75.5 | 30.0 | 30.0 | 3.0 |
| 59.14 | 18.03 | 1517.2 | 8.9 | 0.6 | 143.6 | 167.0 | 6.1 | 5.0 | 80.4 | 30.0 | 30.0 | 3.0 |
| 59.63 | 18.17 | 1549.7 | 8.6 | 0.6 | 144.8 | 168.5 | 6.2 | 5.0 | 82.4 | 30.0 | 30.0 | 3.0 |
| 60.12 | 18.33 | 1589.3 | 12.9 | 0.8 | 146.0 | 170.0 | 6.4 | 5.1 | 84.9 | 30.0 | 30.0 | 3.0 |
| 60.61 | 18.47 | 2010.8 | 49.4 | 2.5 | 147.3 | 171.4 | 10.1 | 8.1 | 112.8 | 0.0 | 0.0 | 3.0 |
| 61.10 | 18.62 | 2206.4 | 40.7 | 1.8 | 148.5 | 172.9 | 8.8 | 7.1 | 125.7 | 30.0 | 32.0 | 3.0 |
| 61.60 | 18.78 | 1512.4 | 17.7 | 1.2 | 149.7 | 174.4 | 6.0 | 4.8 | 79.2 | 30.0 | 30.0 | 3.0 |
| 62.09 | 18.92 | 1698.7 | 19.3 | 1.1 | 151.0 | 175.8 | 6.8 | 5.4 | 91.5 | 30.0 | 30.0 | 3.0 |
| 62.58 | 19.08 | 2515.3 | 50.3 | 2.0 | 152.2 | 177.3 | 10.1 | 8.0 | 145.7 | 30.0 | 32.0 | 3.0 |
| 63.07 | 19.22 | 2323.4 | 64.3 | 2.8 | 153.4 | 178.8 | 11.6 | 9.2 | 132.7 | 0.0 | 0.0 | 3.0 |
| 63.57 | 19.38 | 2470.8 | 55.6 | 2.3 | 154.6 | 180.3 | 9.9 | 7.8 | 142.4 | 30.0 | 32.0 | 3.0 |
| 64.06 | 19.53 | 2290.5 | 32.1 | 1.4 | 155.9 | 181.7 | 9.2 | 7.2 | 130.2 | 30.0 | 32.0 | 3.0 |
| 64.55 | 19.67 | 2271.9 | 44.1 | 1.9 | 157.1 | 183.2 | 9.1 | 7.1 | 128.8 | 30.0 | 32.0 | 3.0 |
| 65.04 | 19.83 | 6589.0 | 88.9 | 1.3 | 158.4 | 184.7 | 22.0 | 17.1 | 0.0 | 48.7 | 38.0 | 1.0 |
| 65.53 | 19.97 | 5406.5 | 140.7 | 2.6 | 159.6 | 186.1 | 21.6 | 16.8 | 337.4 | 42.9 | 36.0 | 6.0 |
| 66.03 | 20.12 | 7948.0 | 135.0 | 1.7 | 160.9 | 187.6 | 26.5 | 20.4 | 0.0 | 53.9 | 38.0 | 1.0 |
| 66.52 | 20.28 | 7602.5 | 137.0 | 1.8 | 162.2 | 189.1 | 25.3 | 19.5 | 0.0 | 52.5 | 38.0 | 1.0 |
| 67.01 | 20.42 | 3652.5 | 56.3 | 1.5 | 163.5 | 190.6 | 12.2 | 9.3 | 0.0 | 31.4 | 34.0 | 1.0 |
| 67.50 | 20.58 | 3629.1 | 39.7 | 1.1 | 164.8 | 192.0 | 12.1 | 9.2 | 0.0 | 31.1 | 34.0 | 1.0 |
| 67.99 | 20.72 | 5862.3 | 83.1 | 1.4 | 166.1 | 193.5 | 19.5 | 14.8 | 0.0 | 44.7 | 36.0 | 1.0 |
| 68.49 | 20.88 | 6264.6 | 122.6 | 2.0 | 167.4 | 195.0 | 20.9 | 15.8 | 0.0 | 46.5 | 38.0 | 1.0 |
| 68.98 | 21.03 | 22766.5 | 164.8 | 0.7 | 168.8 | 196.4 | 45.5 | 34.3 | 0.0 | 83.4 | 44.0 | 1.0 |
| 69.47 | 21.17 | 29882.5 | 141.3 | 0.5 | 170.3 | 197.9 | 49.8 | 37.4 | 0.0 | 91.0 | 44.0 | 1.0 |
| 69.96 | 21.33 | 32936.5 | 98.6 | 0.3 | 171.8 | 199.4 | 54.9 | 41.0 | 0.0 | 93.7 | 44.0 | 1.0 |
| 70.46 | 21.47 | 29450.3 | 64.3 | 0.2 | 173.3 | 200.9 | 49.1 | 36.5 | 0.0 | 90.4 | 44.0 | 1.0 |
| 70.95 | 21.62 | 16506.3 | 80.7 | 0.5 | 174.8 | 202.3 | 33.0 | 24.4 | 0.0 | 73.6 | 42.0 | 1.0 |
| 71.44 | 21.78 | 4801.8 | 71.7 | 1.5 | 176.2 | 203.8 | 16.0 | 11.8 | 0.0 | 38.1 | 34.0 | 1.0 |
| 71.93 | 21.92 | 3705.6 | 21.4 | 0.6 | 177.5 | 205.3 | 12.4 | 9.1 | 0.0 | 30.6 | 34.0 | 1.0 |
| 72.42 | 22.08 | 2444.1 | 14.0 | 0.6 | 178.8 | 206.7 | 8.1 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 72.92 | 22.22 | 1937.6 | 12.3 | 0.6 | 180.1 | 208.2 | 7.8 | 5.7 | 103.3 | 30.0 | 30.0 | 3.0 |
| 73.41 | 22.38 | 2241.7 | 7.4 | 0.3 | 181.3 | 209.7 | 7.5 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 73.90 | 22.53 | 2912.4 | 15.5 | 0.5 | 182.7 | 211.2 | 9.7 | 7.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 74.39 | 22.67 | 4424.1 | 43.8 | 1.0 | 184.0 | 212.6 | 14.7 | 10.6 | 0.0 | 35.2 | 34.0 | 1.0 |
| 74.88 | 22.83 | 3874.1 | 59.1 | 1.5 | 185.3 | 214.1 | 12.9 | 9.3 | 0.0 | 31.3 | 34.0 | 1.0 |
| 75.38 | 22.97 | 2519.6 | 34.7 | 1.4 | 186.5 | 215.6 | 10.1 | 7.2 | 141.2 | 30.0 | 30.0 | 3.0 |
| 75.87 | 23.12 | 2960.2 | 25.9 | 0.9 | 187.8 | 217.0 | 9.9 | 7.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 76.36 | 23.28 | 2583.1 | 26.3 | 1.0 | 189.1 | 218.5 | 8.6 | 6.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 76.85 | 23.42 | 1609.5 | 13.7 | 0.9 | 190.4 | 220.0 | 6.4 | 4.6 | 79.9 | 30.0 | 30.0 | 1.5 |
| 77.34 | 23.58 | 2341.6 | 21.5 | 0.9 | 191.6 | 221.5 | 9.4 | 6.6 | 128.6 | 30.0 | 30.0 | 3.0 |
| 77.84 | 23.72 | 1847.7 | 27.3 | 1.5 | 192.8 | 222.9 | 7.4 | 5.2 | 95.5 | 30.0 | 30.0 | 1.5 |
| 78.33 | 23.88 | 1960.8 | 32.2 | 1.6 | 194.0 | 224.4 | 7.8 | 5.5 | 102.8 | 30.0 | 30.0 | 3.0 |
| 78.82 | 24.03 | 1565.5 | 17.3 | 1.1 | 195.3 | 225.9 | 6.3 | 4.4 | 76.3 | 30.0 | 30.0 | 1.5 |
| 79.31 | 24.17 | 1870.2 | 29.7 | 1.6 | 196.5 | 227.3 | 7.5 | 5.2 | 96.4 | 30.0 | 30.0 | 1.5 |
| 79.81 | 24.33 | 1584.5 | 21.4 | 1.3 | 197.7 | 228.8 | 6.3 | 4.4 | 77.2 | 30.0 | 30.0 | 1.5 |
| 80.30 | 24.47 | 2361.7 | 23.0 | 1.0 | 199.0 | 230.3 | 9.4 | 6.6 | 128.8 | 30.0 | 30.0 | 3.0 |
| 80.79 | 24.62 | 3186.9 | 70.7 | 2.2 | 200.2 | 231.8 | 12.7 | 8.8 | 183.7 | 30.0 | 32.0 | 3.0 |
| 81.28 | 24.78 | 3154.0 | 75.3 | 2.4 | 201.4 | 233.2 | 12.6 | 8.7 | 181.3 | 30.0 | 32.0 | 3.0 |
| 81.77 | 24.92 | 2705.9 | 65.7 | 2.4 | 202.6 | 234.7 | 10.8 | 7.4 | 151.2 | 30.0 | 30.0 | 3.0 |
| 82.27 | 25.08 | 2323.1 | 35.7 | 1.5 | 203.9 | 236.2 | 9.3 | 6.4 | 125.5 | 30.0 | 30.0 | 3.0 |
| 82.76 | 25.22 | 2047.1 | 28.5 | 1.4 | 205.1 | 237.6 | 8.2 | 5.6 | 107.0 | 30.0 | 30.0 | 3.0 |
| 83.25 | 25.38 | 2027.9 | 24.0 | 1.2 | 206.3 | 239.1 | 8.1 | 5.5 | 105.5 | 30.0 | 30.0 | 3.0 |
| 83.74 | 25.53 | 1991.8 | 24.8 | 1.2 | 207.6 | 240.6 | 8.0 | 5.4 | 102.9 | 30.0 | 30.0 | 1.5 |
| 84.23 | 25.67 | 1887.2 | 15.1 | 0.8 | 208.8 | 242.1 | 7.5 | 5.1 | 95.8 | 30.0 | 30.0 | 1.5 |
| 84.73 | 25.83 | 1879.4 | 14.0 | 0.7 | 210.0 | 243.5 | 7.5 | 5.1 | 95.1 | 30.0 | 30.0 | 1.5 |
| 85.22 | 25.97 | 4408.2 | 70.8 | 1.6 | 211.3 | 245.0 | 14.7 | 9.9 | 0.0 | 33.1 | 34.0 | 1.0 |
| 85.71 | 26.12 | 5250.8 | 44.7 | 0.9 | 212.6 | 246.5 | 17.5 | 11.7 | 0.0 | 38.0 | 34.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 86.20 | 26.28 | 3789.5 | 57.8 | 1.5 | 213.9 | 247.9 | 12.6 | 8.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 86.70 | 26.42 | 7197.8 | 81.7 | 1.1 | 215.2 | 249.4 | 18.0 | 12.0 | 0.0 | 46.9 | 36.0 | 1.0 |
| 87.19 | 26.58 | 3356.8 | 49.7 | 1.5 | 216.6 | 250.9 | 11.2 | 7.4 | 0.0 | 30.0 | 32.0 | 1.0 |
| 87.68 | 26.72 | 3163.4 | 36.3 | 1.1 | 217.9 | 252.4 | 10.5 | 7.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 88.17 | 26.88 | 3480.5 | 51.0 | 1.5 | 219.2 | 253.8 | 11.6 | 7.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 88.66 | 27.03 | 4017.6 | 81.4 | 2.0 | 220.4 | 255.3 | 16.1 | 10.6 | 236.1 | 30.0 | 32.0 | 6.0 |
| 89.16 | 27.17 | 4173.4 | 86.1 | 2.1 | 221.7 | 256.8 | 16.7 | 11.0 | 246.3 | 30.8 | 32.0 | 6.0 |
| 89.65 | 27.33 | 4031.7 | 101.6 | 2.5 | 222.9 | 258.2 | 16.1 | 10.6 | 236.7 | 30.0 | 32.0 | 6.0 |
| 90.14 | 27.47 | 7018.9 | 127.0 | 1.8 | 224.2 | 259.7 | 23.4 | 15.3 | 0.0 | 45.6 | 36.0 | 1.0 |
| 90.63 | 27.62 | 6298.9 | 194.1 | 3.1 | 225.4 | 261.2 | 25.2 | 16.4 | 387.5 | 42.4 | 36.0 | 6.0 |
| 91.12 | 27.78 | 14576.8 | 208.1 | 1.4 | 226.7 | 262.7 | 36.4 | 23.7 | 0.0 | 66.3 | 40.0 | 1.0 |
| 91.62 | 27.92 | 18694.5 | 281.7 | 1.5 | 228.1 | 264.1 | 46.7 | 30.3 | 0.0 | 73.4 | 42.0 | 1.0 |
| 92.11 | 28.08 | 22277.3 | 247.7 | 1.1 | 229.5 | 265.6 | 44.6 | 28.8 | 0.0 | 78.3 | 42.0 | 1.0 |
| 92.60 | 28.22 | 16927.8 | 185.6 | 1.1 | 231.0 | 267.1 | 33.9 | 21.8 | 0.0 | 70.4 | 40.0 | 1.0 |
| 93.09 | 28.38 | 5397.1 | 138.3 | 2.6 | 232.3 | 268.5 | 21.6 | 13.9 | 326.4 | 37.5 | 34.0 | 6.0 |
| 93.58 | 28.53 | 7289.2 | 175.2 | 2.4 | 233.6 | 270.0 | 29.2 | 18.7 | 452.4 | 46.1 | 36.0 | 6.0 |
| 94.08 | 28.67 | 8233.3 | 241.3 | 2.9 | 234.8 | 271.5 | 32.9 | 21.0 | 515.1 | 49.5 | 36.0 | 6.0 |
| 94.57 | 28.83 | 6027.6 | 203.8 | 3.4 | 236.0 | 273.0 | 30.1 | 19.2 | 367.9 | 0.0 | 0.0 | 6.0 |
| 95.06 | 28.97 | 3669.8 | 97.8 | 2.7 | 237.2 | 274.4 | 14.7 | 9.3 | 210.5 | 30.0 | 32.0 | 3.0 |
| 95.55 | 29.12 | 3823.6 | 81.3 | 2.1 | 238.5 | 275.9 | 15.3 | 9.7 | 220.6 | 30.0 | 32.0 | 3.0 |
| 96.05 | 29.28 | 3473.1 | 64.4 | 1.9 | 239.7 | 277.4 | 13.9 | 8.8 | 197.1 | 30.0 | 32.0 | 3.0 |
| 96.54 | 29.42 | 3035.5 | 52.5 | 1.7 | 240.9 | 278.8 | 12.1 | 7.7 | 167.7 | 30.0 | 30.0 | 3.0 |
| 97.03 | 29.58 | 3300.8 | 55.7 | 1.7 | 242.2 | 280.3 | 13.2 | 8.3 | 185.2 | 30.0 | 30.0 | 3.0 |
| 97.52 | 29.72 | 3395.6 | 69.1 | 2.0 | 243.4 | 281.8 | 13.6 | 8.5 | 191.4 | 30.0 | 30.0 | 3.0 |
| 98.01 | 29.88 | 3168.7 | 68.7 | 2.2 | 244.6 | 283.3 | 12.7 | 7.9 | 176.1 | 30.0 | 30.0 | 3.0 |
| 98.51 | 30.03 | 2996.4 | 57.6 | 1.9 | 245.8 | 284.7 | 12.0 | 7.5 | 164.4 | 30.0 | 30.0 | 3.0 |
| 99.00 | 30.17 | 3436.4 | 70.0 | 2.0 | 247.1 | 286.2 | 13.7 | 8.6 | 193.5 | 30.0 | 30.0 | 3.0 |
| 99.49 | 30.33 | 3996.3 | 54.6 | 1.4 | 248.3 | 287.7 | 13.3 | 8.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 99.98 | 30.47 | 4077.5 | 93.9 | 2.3 | 249.6 | 289.1 | 16.3 | 10.1 | 235.9 | 30.0 | 32.0 | 3.0 |
| 100.47 | 30.62 | 8595.7 | 180.7 | 2.1 | 250.9 | 290.6 | 28.7 | 17.7 | 0.0 | 49.8 | 36.0 | 1.0 |
| 100.97 | 30.78 | 10493.6 | 234.9 | 2.2 | 252.2 | 292.1 | 35.0 | 21.6 | 0.0 | 55.4 | 38.0 | 1.0 |
| 101.46 | 30.92 | 11395.4 | 292.2 | 2.6 | 253.5 | 293.6 | 38.0 | 23.4 | 0.0 | 57.7 | 38.0 | 1.0 |
| 101.95 | 31.08 | 11425.9 | 274.4 | 2.4 | 254.8 | 295.0 | 38.1 | 23.4 | 0.0 | 57.7 | 38.0 | 1.0 |
| 102.44 | 31.22 | 20530.0 | 337.0 | 1.6 | 256.1 | 296.5 | 51.3 | 31.4 | 0.0 | 74.4 | 42.0 | 1.0 |
| 102.94 | 31.38 | 25846.6 | 260.5 | 1.0 | 257.5 | 298.0 | 51.7 | 31.5 | 0.0 | 80.9 | 42.0 | 1.0 |
| 103.43 | 31.53 | 28298.2 | 315.6 | 1.1 | 259.0 | 299.5 | 56.6 | 34.4 | 0.0 | 83.5 | 42.0 | 1.0 |
| 103.92 | 31.67 | 27297.3 | 303.5 | 1.1 | 260.4 | 300.9 | 54.6 | 33.1 | 0.0 | 82.3 | 42.0 | 1.0 |
| 104.41 | 31.83 | 24123.6 | 197.5 | 0.8 | 261.9 | 302.4 | 48.2 | 29.2 | 0.0 | 78.7 | 42.0 | 1.0 |
| 104.90 | 31.97 | 6974.7 | 201.5 | 2.9 | 263.2 | 303.9 | 27.9 | 16.8 | 427.2 | 43.1 | 34.0 | 6.0 |
| 105.40 | 32.12 | 3357.0 | 53.7 | 1.6 | 264.5 | 305.3 | 13.4 | 8.1 | 185.8 | 30.0 | 30.0 | 3.0 |
| 105.89 | 32.28 | 3828.8 | 40.8 | 1.1 | 265.7 | 306.8 | 12.8 | 7.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 106.38 | 32.42 | 3256.8 | 46.8 | 1.4 | 267.0 | 308.3 | 10.9 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 106.87 | 32.58 | 2913.9 | 44.8 | 1.5 | 268.3 | 309.8 | 11.7 | 7.0 | 155.7 | 30.0 | 30.0 | 3.0 |
| 107.36 | 32.72 | 2973.7 | 45.0 | 1.5 | 269.5 | 311.2 | 11.9 | 7.1 | 159.5 | 30.0 | 30.0 | 3.0 |
| 107.86 | 32.88 | 5409.9 | 110.8 | 2.0 | 270.8 | 312.7 | 18.0 | 10.7 | 0.0 | 35.4 | 32.0 | 1.0 |
| 108.35 | 33.03 | 8621.9 | 201.7 | 2.3 | 272.1 | 314.2 | 28.7 | 17.1 | 0.0 | 48.7 | 36.0 | 1.0 |
| 108.84 | 33.17 | 4237.3 | 103.1 | 2.4 | 273.4 | 315.6 | 16.9 | 10.0 | 243.2 | 30.0 | 32.0 | 3.0 |
| 109.33 | 33.33 | 5221.3 | 94.3 | 1.8 | 274.6 | 317.1 | 17.4 | 10.3 | 0.0 | 34.2 | 32.0 | 1.0 |
| 109.82 | 33.47 | 5373.9 | 128.3 | 2.4 | 275.9 | 318.6 | 21.5 | 12.7 | 318.6 | 34.9 | 32.0 | 6.0 |
| 110.32 | 33.62 | 3388.6 | 41.9 | 1.2 | 277.2 | 320.1 | 11.3 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 110.81 | 33.78 | 3052.7 | 30.8 | 1.0 | 278.5 | 321.5 | 10.2 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 111.30 | 33.92 | 3066.5 | 33.5 | 1.1 | 279.8 | 323.0 | 10.2 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 111.79 | 34.08 | 5728.8 | 142.4 | 2.5 | 281.0 | 324.5 | 22.9 | 13.4 | 341.6 | 36.5 | 32.0 | 6.0 |
| 112.29 | 34.22 | 7614.6 | 114.2 | 1.5 | 282.3 | 325.9 | 25.4 | 14.8 | 0.0 | 44.6 | 34.0 | 1.0 |
| 112.78 | 34.38 | 3119.1 | 60.7 | 1.9 | 283.6 | 327.4 | 12.5 | 7.3 | 167.2 | 30.0 | 30.0 | 3.0 |
| 113.27 | 34.53 | 2793.7 | 49.0 | 1.8 | 284.8 | 328.9 | 11.2 | 6.5 | 145.3 | 30.0 | 30.0 | 3.0 |
| 113.76 | 34.67 | 4481.5 | 85.1 | 1.9 | 286.1 | 330.4 | 14.9 | 8.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 114.25 | 34.83 | 10118.3 | 136.9 | 1.4 | 287.4 | 331.8 | 25.3 | 14.6 | 0.0 | 52.5 | 36.0 | 1.0 |
| 114.75 | 34.97 | 8353.4 | 244.2 | 2.9 | 288.7 | 333.3 | 33.4 | 19.2 | 515.4 | 46.9 | 36.0 | 6.0 |
| 115.24 | 35.12 | 9633.9 | 224.8 | 2.3 | 290.0 | 334.8 | 32.1 | 18.5 | 0.0 | 50.9 | 36.0 | 1.0 |
| 115.73 | 35.28 | 13236.3 | 224.7 | 1.7 | 291.3 | 336.2 | 33.1 | 19.0 | 0.0 | 60.0 | 38.0 | 1.0 |
| 116.22 | 35.42 | 7796.6 | 195.5 | 2.5 | 292.6 | 337.7 | 31.2 | 17.8 | 477.8 | 44.8 | 34.0 | 6.0 |
| 116.71 | 35.58 | 5567.9 | 125.9 | 2.3 | 293.8 | 339.2 | 22.3 | 12.7 | 329.0 | 35.0 | 32.0 | 6.0 |
| 117.21 | 35.72 | 7510.0 | 228.2 | 3.0 | 295.1 | 340.7 | 30.0 | 17.1 | 458.3 | 43.6 | 34.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 30095.5 | 198.4 | 0.7 | 296.4 | 342.1 | 60.2 | 34.2 | 0.0 | 83.3 | 42.0 | 1.0 |
| 118.19 | 36.03 | 33258.8 | 149.9 | 0.5 | 297.9 | 343.6 | 55.4 | 31.4 | 0.0 | 86.1 | 42.0 | 1.0 |
| 118.68 | 36.17 | 38296.9 | 129.2 | 0.3 | 299.4 | 345.1 | 63.8 | 36.1 | 0.0 | 90.0 | 44.0 | 1.0 |
| 119.18 | 36.33 | 42427.5 | 183.8 | 0.4 | 301.0 | 346.5 | 70.7 | 39.9 | 0.0 | 92.9 | 44.0 | 1.0 |
| 119.67 | 36.47 | 40131.8 | 273.4 | 0.7 | 302.5 | 348.0 | 66.9 | 37.6 | 0.0 | 91.2 | 44.0 | 1.0 |
| 120.16 | 36.62 | 35665.2 | 267.1 | 0.7 | 304.0 | 349.5 | 71.3 | 40.0 | 0.0 | 87.8 | 42.0 | 1.0 |
| 120.65 | 36.78 | 33801.1 | 225.8 | 0.7 | 305.4 | 351.0 | 67.6 | 37.9 | 0.0 | 86.2 | 42.0 | 1.0 |
| 121.14 | 36.92 | 34270.8 | 260.8 | 0.8 | 306.9 | 352.4 | 68.5 | 38.3 | 0.0 | 86.5 | 42.0 | 1.0 |
| 121.64 | 37.08 | 31484.4 | 298.7 | 0.9 | 308.3 | 353.9 | 63.0 | 35.1 | 0.0 | 84.0 | 42.0 | 1.0 |
| 122.21 | 37.25 | 33889.5 | 288.4 | 0.9 | 310.0 | 355.6 | 67.8 | 37.7 | 0.0 | 86.0 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3015
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-5-295
 Location: STRUCTURE 5
 Cone: 20 TON A 092
 CPT Date: 00/02/02
 CPT Time: 07:56
 CPT File: 300SC295.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 433.9 | 19.9 | 4.6 | 1.3 | 0.0 | 4.3 | 8.7 | 28.8 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1393.2 | 37.7 | 2.7 | 4.0 | 0.0 | 7.0 | 13.9 | 92.6 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 2135.9 | 19.7 | 0.9 | 6.7 | 0.0 | 8.5 | 17.1 | 141.9 | 61.8 | 46.0 | 10.0 |
| 1.72 | 0.52 | 1801.0 | 30.9 | 1.7 | 9.4 | 0.0 | 7.2 | 14.4 | 119.4 | 52.1 | 44.0 | 10.0 |
| 2.21 | 0.68 | 1842.5 | 37.3 | 2.0 | 12.1 | 0.0 | 7.4 | 14.7 | 122.0 | 49.1 | 44.0 | 10.0 |
| 2.71 | 0.82 | 1157.9 | 31.1 | 2.7 | 14.8 | 0.0 | 5.8 | 11.6 | 76.2 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 812.7 | 12.3 | 1.5 | 17.5 | 0.0 | 4.1 | 8.1 | 53.0 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 396.3 | 8.8 | 2.2 | 18.7 | 1.0 | 4.0 | 7.9 | 25.1 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 320.3 | 7.3 | 2.3 | 19.7 | 2.2 | 3.2 | 6.4 | 19.9 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 237.8 | 3.3 | 1.4 | 20.5 | 3.7 | 1.2 | 2.4 | 14.2 | 0.0 | 0.0 | 3.0 |
| 5.00 | 1.53 | 341.5 | 3.8 | 1.1 | 20.9 | 5.2 | 1.7 | 3.4 | 21.0 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1298.1 | 6.1 | 0.5 | 21.7 | 6.6 | 5.2 | 10.4 | 84.7 | 30.7 | 40.0 | 6.0 |
| 5.99 | 1.83 | 654.5 | 4.0 | 0.6 | 22.5 | 8.1 | 3.3 | 6.5 | 41.6 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 361.8 | 2.4 | 0.7 | 23.0 | 9.8 | 1.8 | 3.6 | 21.9 | 0.0 | 0.0 | 3.0 |
| 7.14 | 2.17 | 444.1 | 2.3 | 0.5 | 23.4 | 11.5 | 2.2 | 4.4 | 27.3 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 436.3 | 2.7 | 0.6 | 23.8 | 13.0 | 2.2 | 4.4 | 26.6 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 256.4 | 2.0 | 0.8 | 24.2 | 14.5 | 1.3 | 2.5 | 14.5 | 0.0 | 0.0 | 3.0 |
| 8.61 | 2.62 | 307.9 | 2.0 | 0.6 | 24.6 | 15.9 | 1.5 | 3.0 | 17.8 | 0.0 | 0.0 | 3.0 |
| 9.10 | 2.78 | 303.4 | 3.0 | 1.0 | 25.0 | 17.4 | 1.5 | 3.0 | 17.4 | 0.0 | 0.0 | 3.0 |
| 9.60 | 2.92 | 227.2 | 10.0 | 4.4 | 25.8 | 18.9 | 2.3 | 4.4 | 12.2 | 0.0 | 0.0 | 1.5 |
| 10.09 | 3.08 | 394.4 | 2.7 | 0.7 | 26.6 | 20.4 | 2.0 | 3.7 | 23.2 | 0.0 | 0.0 | 3.0 |
| 10.58 | 3.22 | 1109.5 | 12.2 | 1.1 | 27.4 | 21.8 | 4.4 | 8.3 | 70.7 | 30.0 | 38.0 | 6.0 |
| 11.07 | 3.38 | 427.9 | 10.8 | 2.5 | 28.6 | 23.3 | 4.3 | 7.8 | 25.1 | 0.0 | 0.0 | 3.0 |
| 11.56 | 3.53 | 252.1 | 2.0 | 0.8 | 29.4 | 24.8 | 1.3 | 2.3 | 13.2 | 0.0 | 0.0 | 1.5 |
| 12.06 | 3.67 | 289.9 | 2.1 | 0.7 | 29.8 | 26.2 | 1.4 | 2.6 | 15.6 | 0.0 | 0.0 | 3.0 |
| 12.55 | 3.83 | 498.3 | 7.0 | 1.4 | 30.2 | 27.7 | 2.5 | 4.4 | 29.4 | 0.0 | 0.0 | 3.0 |
| 13.04 | 3.98 | 574.8 | 13.4 | 2.3 | 31.0 | 29.2 | 3.8 | 6.7 | 34.3 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 751.1 | 15.4 | 2.1 | 32.2 | 30.7 | 3.8 | 6.5 | 45.9 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 354.5 | 5.3 | 1.5 | 33.1 | 32.1 | 1.8 | 3.0 | 19.3 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 343.1 | 8.5 | 2.5 | 33.8 | 33.6 | 3.4 | 5.8 | 18.4 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 720.1 | 14.6 | 2.0 | 35.0 | 35.1 | 3.6 | 6.0 | 43.3 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 497.5 | 8.4 | 1.7 | 36.3 | 36.5 | 3.3 | 5.4 | 28.3 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 557.5 | 6.4 | 1.2 | 37.1 | 38.0 | 2.8 | 4.5 | 32.2 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 708.0 | 8.0 | 1.1 | 37.9 | 39.5 | 3.5 | 5.6 | 42.0 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 7669.8 | 63.0 | 0.8 | 39.2 | 41.0 | 19.2 | 30.0 | 0.0 | 73.1 | 44.0 | 1.0 |
| 17.47 | 5.32 | 4310.6 | 109.6 | 2.5 | 40.5 | 42.4 | 17.2 | 26.5 | 281.8 | 56.1 | 42.0 | 10.0 |
| 17.96 | 5.48 | 593.3 | 16.4 | 2.8 | 41.7 | 43.9 | 5.9 | 9.0 | 33.8 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 526.6 | 4.7 | 0.9 | 42.5 | 45.4 | 2.6 | 4.0 | 29.3 | 0.0 | 0.0 | 3.0 |
| 18.95 | 5.77 | 3326.4 | 32.6 | 1.0 | 43.3 | 46.8 | 11.1 | 16.5 | 0.0 | 47.7 | 40.0 | 1.0 |
| 19.44 | 5.93 | 16083.0 | 129.9 | 0.8 | 44.7 | 48.3 | 32.2 | 47.1 | 0.0 | 92.4 | 48.0 | 1.0 |
| 19.93 | 6.07 | 16235.0 | 127.8 | 0.8 | 46.2 | 49.8 | 32.5 | 46.8 | 0.0 | 92.2 | 48.0 | 1.0 |
| 20.42 | 6.23 | 4720.8 | 82.0 | 1.7 | 47.5 | 51.3 | 15.7 | 22.3 | 0.0 | 56.4 | 42.0 | 1.0 |
| 20.92 | 6.38 | 891.6 | 25.3 | 2.8 | 48.8 | 52.7 | 5.9 | 8.3 | 52.7 | 0.0 | 0.0 | 6.0 |
| 21.41 | 6.52 | 924.6 | 21.9 | 2.4 | 50.0 | 54.2 | 4.6 | 6.4 | 54.7 | 0.0 | 0.0 | 6.0 |
| 21.90 | 6.68 | 5660.8 | 31.9 | 0.6 | 51.3 | 55.7 | 14.2 | 19.3 | 0.0 | 60.5 | 42.0 | 1.0 |
| 22.39 | 6.82 | 5954.8 | 53.3 | 0.9 | 52.7 | 57.1 | 14.9 | 20.1 | 0.0 | 61.6 | 42.0 | 1.0 |
| 22.88 | 6.98 | 896.6 | 21.0 | 2.3 | 54.0 | 58.6 | 4.5 | 6.0 | 52.3 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 606.2 | 4.9 | 0.8 | 54.8 | 60.1 | 3.0 | 4.0 | 32.8 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 1218.6 | 15.7 | 1.3 | 55.6 | 61.6 | 4.9 | 6.4 | 73.4 | 30.0 | 34.0 | 6.0 |
| 24.36 | 7.43 | 1944.9 | 29.0 | 1.5 | 56.9 | 63.0 | 7.8 | 10.1 | 121.7 | 30.0 | 36.0 | 6.0 |
| 24.85 | 7.57 | 3929.8 | 68.8 | 1.8 | 58.1 | 64.5 | 13.1 | 16.8 | 0.0 | 48.3 | 40.0 | 1.0 |
| 25.34 | 7.73 | 5139.0 | 61.3 | 1.2 | 59.4 | 66.0 | 17.1 | 21.7 | 0.0 | 55.6 | 42.0 | 1.0 |
| 25.84 | 7.88 | 7080.4 | 136.6 | 1.9 | 60.7 | 67.4 | 23.6 | 29.6 | 0.0 | 64.5 | 42.0 | 1.0 |
| 26.33 | 8.02 | 783.4 | 37.3 | 4.8 | 62.0 | 68.9 | 7.8 | 9.7 | 43.5 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 2017.9 | 27.9 | 1.4 | 63.2 | 70.4 | 8.1 | 9.9 | 125.6 | 30.0 | 36.0 | 6.0 |
| 27.31 | 8.32 | 726.4 | 8.9 | 1.2 | 64.4 | 71.9 | 3.6 | 4.4 | 39.3 | 0.0 | 0.0 | 3.0 |
| 27.80 | 8.48 | 994.8 | 8.8 | 0.9 | 65.6 | 73.3 | 4.0 | 4.8 | 57.1 | 30.0 | 32.0 | 3.0 |
| 28.30 | 8.62 | 822.9 | 11.0 | 1.3 | 66.8 | 74.8 | 4.1 | 4.9 | 45.4 | 0.0 | 0.0 | 3.0 |
| 28.79 | 8.77 | 696.4 | 3.9 | 0.6 | 67.7 | 76.3 | 3.5 | 4.1 | 36.8 | 0.0 | 0.0 | 3.0 |
| 29.28 | 8.93 | 747.4 | 7.7 | 1.0 | 68.5 | 77.7 | 3.7 | 4.4 | 40.1 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 2000.1 | 25.6 | 1.3 | 69.7 | 79.2 | 8.0 | 9.4 | 123.4 | 30.0 | 36.0 | 6.0 |
| 30.27 | 9.23 | 1178.9 | 19.9 | 1.7 | 70.9 | 80.7 | 5.9 | 6.8 | 68.5 | 0.0 | 0.0 | 3.0 |
| 30.76 | 9.38 | 856.5 | 7.8 | 0.9 | 72.2 | 82.2 | 4.3 | 4.9 | 46.8 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 975.4 | 18.4 | 1.9 | 73.2 | 83.4 | 4.9 | 5.6 | 54.6 | 0.0 | 0.0 | 3.0 |
| 31.58 | 9.62 | 3326.4 | 26.5 | 0.8 | 74.3 | 84.6 | 11.1 | 12.6 | 0.0 | 40.0 | 38.0 | 1.0 |
| 32.07 | 9.77 | 1514.6 | 22.1 | 1.5 | 75.5 | 86.1 | 6.1 | 6.8 | 90.2 | 30.0 | 32.0 | 6.0 |
| 32.56 | 9.93 | 1163.3 | 6.5 | 0.6 | 76.7 | 87.6 | 4.7 | 5.2 | 66.6 | 30.0 | 32.0 | 3.0 |
| 33.05 | 10.07 | 1167.0 | 6.8 | 0.6 | 78.0 | 89.0 | 4.7 | 5.2 | 66.7 | 30.0 | 32.0 | 3.0 |
| 33.55 | 10.23 | 1168.9 | 8.9 | 0.8 | 79.2 | 90.5 | 4.7 | 5.1 | 66.6 | 30.0 | 32.0 | 3.0 |
| 34.04 | 10.38 | 961.2 | 3.8 | 0.4 | 80.4 | 92.0 | 3.8 | 4.2 | 52.6 | 30.0 | 30.0 | 3.0 |
| 34.53 | 10.52 | 948.0 | 5.1 | 0.5 | 81.7 | 93.4 | 3.8 | 4.1 | 51.5 | 30.0 | 30.0 | 3.0 |
| 35.02 | 10.68 | 1002.9 | 9.0 | 0.9 | 82.9 | 94.9 | 4.0 | 4.3 | 55.0 | 30.0 | 30.0 | 3.0 |
| 35.51 | 10.82 | 1227.5 | 10.9 | 0.9 | 84.1 | 96.4 | 4.9 | 5.2 | 69.8 | 30.0 | 32.0 | 3.0 |
| 36.01 | 10.98 | 910.0 | 7.2 | 0.8 | 85.3 | 97.9 | 3.6 | 3.9 | 48.5 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 1072.4 | 11.4 | 1.1 | 86.6 | 99.3 | 4.3 | 4.5 | 59.1 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 1874.9 | 14.1 | 0.8 | 87.8 | 100.8 | 7.5 | 7.8 | 112.4 | 30.0 | 34.0 | 6.0 |
| 37.48 | 11.43 | 1688.1 | 10.7 | 0.6 | 89.0 | 102.3 | 6.8 | 7.0 | 99.8 | 30.0 | 32.0 | 6.0 |
| 37.98 | 11.57 | 1876.5 | 23.2 | 1.2 | 90.3 | 103.7 | 7.5 | 7.7 | 112.2 | 30.0 | 32.0 | 6.0 |
| 38.47 | 11.73 | 1214.3 | 13.8 | 1.1 | 91.5 | 105.2 | 4.9 | 5.0 | 67.8 | 30.0 | 30.0 | 3.0 |
| 38.96 | 11.88 | 1079.1 | 8.7 | 0.8 | 92.7 | 106.7 | 4.3 | 4.4 | 58.6 | 30.0 | 30.0 | 3.0 |
| 39.45 | 12.02 | 1100.7 | 8.2 | 0.7 | 93.9 | 108.2 | 4.4 | 4.4 | 59.9 | 30.0 | 30.0 | 3.0 |
| 39.94 | 12.18 | 1034.1 | 9.0 | 0.9 | 95.2 | 109.6 | 4.1 | 4.1 | 55.3 | 30.0 | 30.0 | 3.0 |
| 40.44 | 12.32 | 1132.8 | 11.7 | 1.0 | 96.4 | 111.1 | 4.5 | 4.5 | 61.7 | 30.0 | 30.0 | 3.0 |
| 40.93 | 12.48 | 1098.2 | 8.2 | 0.8 | 97.6 | 112.6 | 4.4 | 4.4 | 59.2 | 30.0 | 30.0 | 3.0 |
| 41.42 | 12.62 | 1053.9 | 15.6 | 1.5 | 98.9 | 114.0 | 5.3 | 5.2 | 56.1 | 0.0 | 0.0 | 3.0 |
| 41.91 | 12.77 | 958.8 | 19.1 | 2.0 | 100.1 | 115.5 | 4.8 | 4.7 | 49.5 | 0.0 | 0.0 | 1.5 |
| 42.40 | 12.93 | 1355.5 | 18.0 | 1.3 | 101.3 | 117.0 | 5.4 | 5.3 | 75.8 | 30.0 | 30.0 | 3.0 |
| 42.90 | 13.07 | 3091.9 | 43.9 | 1.4 | 102.5 | 118.5 | 12.4 | 12.0 | 191.4 | 33.3 | 36.0 | 6.0 |
| 43.39 | 13.23 | 2675.4 | 51.0 | 1.9 | 103.8 | 119.9 | 10.7 | 10.3 | 163.4 | 30.0 | 34.0 | 6.0 |
| 43.88 | 13.38 | 2604.8 | 49.4 | 1.9 | 105.0 | 121.4 | 10.4 | 10.0 | 158.6 | 30.0 | 34.0 | 6.0 |
| 44.37 | 13.52 | 5427.8 | 42.9 | 0.8 | 106.3 | 122.9 | 13.6 | 12.9 | 0.0 | 48.9 | 38.0 | 1.0 |
| 44.86 | 13.68 | 1808.5 | 34.7 | 1.9 | 107.6 | 124.3 | 7.2 | 6.8 | 105.1 | 30.0 | 32.0 | 3.0 |
| 45.36 | 13.82 | 1097.5 | 9.8 | 0.9 | 108.8 | 125.8 | 4.4 | 4.1 | 57.5 | 30.0 | 30.0 | 3.0 |
| 45.85 | 13.98 | 3569.4 | 51.2 | 1.4 | 110.1 | 127.3 | 11.9 | 11.1 | 0.0 | 36.4 | 36.0 | 1.0 |
| 46.34 | 14.12 | 9874.4 | 98.2 | 1.0 | 111.4 | 128.8 | 24.7 | 22.9 | 0.0 | 65.4 | 42.0 | 1.0 |
| 46.83 | 14.27 | 4286.1 | 76.2 | 1.8 | 112.8 | 130.2 | 14.3 | 13.2 | 0.0 | 41.3 | 38.0 | 1.0 |
| 47.33 | 14.43 | 1718.7 | 26.6 | 1.5 | 114.1 | 131.7 | 6.9 | 6.3 | 98.2 | 30.0 | 32.0 | 3.0 |
| 47.82 | 14.57 | 976.8 | 3.2 | 0.3 | 115.3 | 133.2 | 3.9 | 3.6 | 48.6 | 30.0 | 30.0 | 1.5 |
| 48.31 | 14.73 | 918.6 | 3.0 | 0.3 | 116.5 | 134.6 | 3.7 | 3.3 | 44.5 | 30.0 | 30.0 | 1.5 |
| 48.80 | 14.88 | 1142.9 | 8.5 | 0.7 | 117.7 | 136.1 | 4.6 | 4.1 | 59.3 | 30.0 | 30.0 | 3.0 |
| 49.29 | 15.02 | 1520.0 | 9.4 | 0.6 | 119.0 | 137.6 | 6.1 | 5.5 | 84.2 | 30.0 | 30.0 | 3.0 |
| 49.79 | 15.18 | 1364.9 | 10.3 | 0.8 | 120.2 | 139.1 | 5.5 | 4.9 | 73.7 | 30.0 | 30.0 | 3.0 |
| 50.28 | 15.32 | 1341.3 | 18.6 | 1.4 | 121.4 | 140.5 | 5.4 | 4.8 | 72.0 | 30.0 | 30.0 | 3.0 |
| 50.77 | 15.48 | 1833.0 | 27.7 | 1.5 | 122.7 | 142.0 | 7.3 | 6.5 | 104.6 | 30.0 | 32.0 | 3.0 |
| 51.26 | 15.62 | 1371.3 | 24.9 | 1.8 | 123.9 | 143.5 | 6.9 | 6.0 | 73.6 | 0.0 | 0.0 | 3.0 |
| 51.75 | 15.77 | 1435.4 | 11.6 | 0.8 | 125.1 | 144.9 | 5.7 | 5.0 | 77.7 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1357.3 | 9.2 | 0.7 | 126.3 | 146.4 | 5.4 | 4.7 | 72.3 | 30.0 | 30.0 | 3.0 |
| 52.74 | 16.08 | 1440.6 | 12.5 | 0.9 | 127.6 | 147.9 | 5.8 | 5.0 | 77.7 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 1448.0 | 9.4 | 0.6 | 128.8 | 149.4 | 5.8 | 5.0 | 78.0 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 1120.5 | 8.2 | 0.7 | 130.0 | 150.8 | 4.5 | 3.8 | 56.0 | 30.0 | 30.0 | 1.5 |
| 54.22 | 16.53 | 1399.2 | 8.0 | 0.6 | 131.2 | 152.3 | 5.6 | 4.8 | 74.4 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 1296.0 | 15.5 | 1.2 | 132.5 | 153.8 | 5.2 | 4.4 | 67.3 | 30.0 | 30.0 | 3.0 |
| 55.20 | 16.83 | 1123.9 | 17.5 | 1.6 | 133.7 | 155.2 | 5.6 | 4.8 | 55.7 | 0.0 | 0.0 | 1.5 |
| 55.69 | 16.97 | 1103.1 | 12.5 | 1.1 | 134.9 | 156.7 | 4.4 | 3.7 | 54.1 | 30.0 | 30.0 | 1.5 |
| 56.18 | 17.12 | 1278.6 | 12.9 | 1.0 | 136.2 | 158.2 | 5.1 | 4.3 | 65.6 | 30.0 | 30.0 | 1.5 |
| 56.68 | 17.28 | 1150.4 | 11.3 | 1.0 | 137.4 | 159.7 | 4.6 | 3.8 | 56.9 | 30.0 | 30.0 | 1.5 |
| 57.17 | 17.42 | 1292.9 | 13.5 | 1.0 | 138.6 | 161.1 | 5.2 | 4.3 | 66.2 | 30.0 | 30.0 | 1.5 |
| 57.66 | 17.58 | 1322.5 | 12.7 | 1.0 | 139.8 | 162.6 | 5.3 | 4.4 | 68.0 | 30.0 | 30.0 | 1.5 |
| 58.15 | 17.72 | 1264.4 | 10.9 | 0.9 | 141.1 | 164.1 | 5.1 | 4.2 | 63.9 | 30.0 | 30.0 | 1.5 |
| 58.64 | 17.88 | 1548.5 | 28.0 | 1.8 | 142.3 | 165.5 | 6.2 | 5.1 | 82.7 | 30.0 | 30.0 | 3.0 |
| 59.14 | 18.03 | 2007.5 | 28.8 | 1.4 | 143.5 | 167.0 | 8.0 | 6.6 | 113.1 | 30.0 | 30.0 | 3.0 |
| 59.63 | 18.17 | 1507.2 | 24.6 | 1.6 | 144.8 | 168.5 | 6.0 | 4.9 | 79.6 | 30.0 | 30.0 | 3.0 |
| 60.12 | 18.33 | 1641.2 | 36.2 | 2.2 | 146.0 | 170.0 | 8.2 | 6.6 | 88.4 | 0.0 | 0.0 | 3.0 |
| 60.61 | 18.47 | 2039.7 | 46.8 | 2.3 | 147.2 | 171.4 | 8.2 | 6.6 | 114.7 | 30.0 | 30.0 | 3.0 |
| 61.10 | 18.62 | 1828.2 | 51.2 | 2.8 | 148.4 | 172.9 | 9.1 | 7.3 | 100.5 | 0.0 | 0.0 | 3.0 |
| 61.60 | 18.78 | 1984.0 | 59.7 | 3.0 | 149.7 | 174.4 | 9.9 | 7.9 | 110.7 | 0.0 | 0.0 | 3.0 |
| 62.09 | 18.92 | 4148.3 | 134.5 | 3.2 | 150.9 | 175.8 | 20.7 | 16.5 | 254.8 | 0.0 | 0.0 | 6.0 |
| 62.58 | 19.08 | 6417.1 | 167.6 | 2.6 | 152.1 | 177.3 | 25.7 | 20.4 | 405.8 | 48.5 | 38.0 | 6.0 |
| 63.07 | 19.22 | 14993.7 | 147.7 | 1.0 | 153.5 | 178.8 | 30.0 | 23.7 | 0.0 | 72.7 | 42.0 | 1.0 |
| 63.57 | 19.38 | 14639.2 | 157.0 | 1.1 | 154.9 | 180.3 | 36.6 | 28.8 | 0.0 | 71.9 | 42.0 | 1.0 |
| 64.06 | 19.53 | 12805.0 | 219.6 | 1.7 | 156.3 | 181.7 | 32.0 | 25.1 | 0.0 | 68.0 | 42.0 | 1.0 |
| 64.55 | 19.67 | 15488.4 | 159.0 | 1.0 | 157.7 | 183.2 | 31.0 | 24.1 | 0.0 | 73.3 | 42.0 | 1.0 |
| 65.04 | 19.83 | 17230.7 | 133.7 | 0.8 | 159.1 | 184.7 | 34.5 | 26.7 | 0.0 | 76.2 | 42.0 | 1.0 |
| 65.53 | 19.97 | 16291.1 | 149.1 | 0.9 | 160.6 | 186.1 | 32.6 | 25.2 | 0.0 | 74.5 | 42.0 | 1.0 |
| 66.03 | 20.12 | 14695.7 | 210.6 | 1.4 | 162.0 | 187.6 | 36.7 | 28.2 | 0.0 | 71.4 | 42.0 | 1.0 |
| 66.52 | 20.28 | 20806.6 | 270.7 | 1.3 | 163.4 | 189.1 | 52.0 | 39.8 | 0.0 | 81.2 | 44.0 | 1.0 |
| 67.01 | 20.42 | 22805.9 | 137.3 | 0.6 | 164.8 | 190.6 | 45.6 | 34.8 | 0.0 | 83.7 | 44.0 | 1.0 |
| 67.50 | 20.58 | 25341.0 | 115.3 | 0.5 | 166.3 | 192.0 | 42.2 | 32.1 | 0.0 | 86.6 | 44.0 | 1.0 |
| 67.99 | 20.72 | 16617.3 | 70.0 | 0.4 | 167.8 | 193.5 | 33.2 | 25.1 | 0.0 | 74.4 | 42.0 | 1.0 |
| 68.49 | 20.88 | 3563.4 | 78.3 | 2.2 | 169.1 | 195.0 | 14.3 | 10.7 | 213.3 | 30.2 | 34.0 | 6.0 |
| 68.98 | 21.03 | 3036.6 | 23.3 | 0.8 | 170.4 | 196.4 | 10.1 | 7.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 69.47 | 21.17 | 7259.4 | 138.6 | 1.9 | 171.7 | 197.9 | 24.2 | 18.1 | 0.0 | 50.3 | 38.0 | 1.0 |
| 69.96 | 21.33 | 6745.1 | 85.6 | 1.3 | 173.0 | 199.4 | 22.5 | 16.7 | 0.0 | 48.1 | 38.0 | 1.0 |
| 70.46 | 21.47 | 1859.9 | 26.0 | 1.4 | 174.3 | 200.9 | 7.4 | 5.5 | 99.0 | 30.0 | 30.0 | 3.0 |
| 70.95 | 21.62 | 2591.1 | 21.2 | 0.8 | 175.5 | 202.3 | 8.6 | 6.4 | 0.0 | 30.0 | 32.0 | 1.0 |
| 71.44 | 21.78 | 2621.4 | 34.9 | 1.3 | 176.8 | 203.8 | 10.5 | 7.7 | 149.4 | 30.0 | 32.0 | 3.0 |
| 71.93 | 21.92 | 2932.1 | 49.8 | 1.7 | 178.0 | 205.3 | 11.7 | 8.6 | 169.9 | 30.0 | 32.0 | 3.0 |
| 72.42 | 22.08 | 3592.5 | 72.4 | 2.0 | 179.3 | 206.7 | 14.4 | 10.5 | 213.8 | 30.0 | 32.0 | 6.0 |
| 72.92 | 22.22 | 3205.9 | 87.5 | 2.7 | 180.5 | 208.2 | 12.8 | 9.3 | 187.8 | 30.0 | 32.0 | 6.0 |
| 73.41 | 22.38 | 3295.7 | 80.8 | 2.5 | 181.7 | 209.7 | 13.2 | 9.6 | 193.6 | 30.0 | 32.0 | 6.0 |
| 73.90 | 22.53 | 3584.1 | 73.2 | 2.0 | 182.9 | 211.2 | 14.3 | 10.4 | 212.7 | 30.0 | 32.0 | 6.0 |
| 74.39 | 22.67 | 6194.0 | 135.0 | 2.2 | 184.2 | 212.6 | 20.6 | 14.9 | 0.0 | 44.8 | 36.0 | 1.0 |
| 74.88 | 22.83 | 6407.4 | 181.0 | 2.8 | 185.5 | 214.1 | 25.6 | 18.4 | 400.5 | 45.7 | 36.0 | 6.0 |
| 75.38 | 22.97 | 2995.5 | 101.2 | 3.4 | 186.7 | 215.6 | 15.0 | 10.7 | 172.9 | 0.0 | 0.0 | 3.0 |
| 75.87 | 23.12 | 2755.8 | 70.5 | 2.6 | 187.9 | 217.0 | 11.0 | 7.9 | 156.7 | 30.0 | 32.0 | 3.0 |
| 76.36 | 23.28 | 2376.6 | 96.0 | 4.0 | 189.2 | 218.5 | 15.8 | 11.3 | 131.3 | 0.0 | 0.0 | 3.0 |
| 76.85 | 23.42 | 2502.4 | 93.0 | 3.7 | 190.4 | 220.0 | 12.5 | 8.9 | 139.5 | 0.0 | 0.0 | 3.0 |
| 77.34 | 23.58 | 2991.4 | 104.2 | 3.5 | 191.6 | 221.5 | 15.0 | 10.6 | 171.9 | 0.0 | 0.0 | 3.0 |
| 77.84 | 23.72 | 2774.9 | 108.0 | 3.9 | 192.8 | 222.9 | 18.5 | 13.0 | 157.3 | 0.0 | 0.0 | 3.0 |
| 78.33 | 23.88 | 2519.2 | 98.0 | 3.9 | 194.1 | 224.4 | 16.8 | 11.8 | 140.0 | 0.0 | 0.0 | 3.0 |
| 78.82 | 24.03 | 2508.7 | 98.6 | 3.9 | 195.3 | 225.9 | 16.7 | 11.7 | 139.2 | 0.0 | 0.0 | 3.0 |
| 79.31 | 24.17 | 1945.5 | 63.7 | 3.3 | 196.5 | 227.3 | 9.7 | 6.8 | 101.4 | 0.0 | 0.0 | 3.0 |
| 79.81 | 24.33 | 1769.6 | 38.9 | 2.2 | 197.8 | 228.8 | 8.8 | 6.2 | 89.5 | 0.0 | 0.0 | 1.5 |
| 80.30 | 24.47 | 1728.5 | 31.9 | 1.8 | 199.0 | 230.3 | 6.9 | 4.8 | 86.6 | 30.0 | 30.0 | 1.5 |
| 80.79 | 24.62 | 1851.0 | 41.2 | 2.2 | 200.2 | 231.8 | 7.4 | 5.1 | 94.6 | 30.0 | 30.0 | 1.5 |
| 81.28 | 24.78 | 1737.2 | 32.3 | 1.9 | 201.4 | 233.2 | 6.9 | 4.8 | 86.8 | 30.0 | 30.0 | 1.5 |
| 81.77 | 24.92 | 1643.3 | 25.0 | 1.5 | 202.7 | 234.7 | 6.6 | 4.5 | 80.4 | 30.0 | 30.0 | 1.5 |
| 82.27 | 25.08 | 1641.4 | 25.9 | 1.6 | 203.9 | 236.2 | 6.6 | 4.5 | 80.1 | 30.0 | 30.0 | 1.5 |
| 82.76 | 25.22 | 5462.9 | 91.8 | 1.7 | 205.2 | 237.6 | 18.2 | 12.4 | 0.0 | 39.6 | 34.0 | 1.0 |
| 83.25 | 25.38 | 4284.1 | 92.8 | 2.2 | 206.4 | 239.1 | 17.1 | 11.7 | 255.9 | 32.6 | 32.0 | 6.0 |
| 83.74 | 25.53 | 2430.8 | 64.5 | 2.7 | 207.7 | 240.6 | 12.2 | 8.3 | 132.2 | 0.0 | 0.0 | 3.0 |
| 84.23 | 25.67 | 2708.5 | 80.2 | 3.0 | 208.9 | 242.1 | 13.5 | 9.2 | 150.5 | 0.0 | 0.0 | 3.0 |
| 84.73 | 25.83 | 2531.3 | 52.8 | 2.1 | 210.1 | 243.5 | 10.1 | 6.8 | 138.5 | 30.0 | 30.0 | 3.0 |
| 85.22 | 25.97 | 2728.4 | 46.1 | 1.7 | 211.3 | 245.0 | 10.9 | 7.3 | 151.5 | 30.0 | 30.0 | 3.0 |
| 85.71 | 26.12 | 3549.1 | 88.0 | 2.5 | 212.6 | 246.5 | 14.2 | 9.5 | 206.0 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 3421.4 | 153.9 | 4.5 | 213.8 | 247.9 | 22.8 | 15.3 | 197.3 | 0.0 | 0.0 | 3.0 |
| 86.70 | 26.42 | 3485.2 | 122.2 | 3.5 | 215.0 | 249.4 | 17.4 | 11.6 | 201.4 | 0.0 | 0.0 | 3.0 |
| 87.19 | 26.58 | 6930.3 | 143.1 | 2.1 | 216.3 | 250.9 | 23.1 | 15.4 | 0.0 | 45.7 | 36.0 | 1.0 |
| 87.68 | 26.72 | 4268.5 | 174.1 | 4.1 | 217.6 | 252.4 | 21.3 | 14.2 | 253.2 | 0.0 | 0.0 | 6.0 |
| 88.17 | 26.88 | 11110.0 | 224.5 | 2.0 | 218.8 | 253.8 | 37.0 | 24.5 | 0.0 | 59.1 | 38.0 | 1.0 |
| 88.66 | 27.03 | 16291.5 | 344.9 | 2.1 | 220.1 | 255.3 | 54.3 | 35.8 | 0.0 | 70.0 | 40.0 | 1.0 |
| 89.16 | 27.17 | 19005.4 | 370.4 | 1.9 | 221.5 | 256.8 | 47.5 | 31.2 | 0.0 | 74.3 | 42.0 | 1.0 |
| 89.65 | 27.33 | 24936.5 | 309.4 | 1.2 | 222.9 | 258.2 | 49.9 | 32.7 | 0.0 | 82.0 | 42.0 | 1.0 |
| 90.14 | 27.47 | 33072.0 | 197.2 | 0.6 | 224.4 | 259.7 | 55.1 | 36.0 | 0.0 | 90.0 | 44.0 | 1.0 |
| 90.63 | 27.62 | 31737.0 | 240.6 | 0.8 | 225.9 | 261.2 | 63.5 | 41.3 | 0.0 | 88.7 | 44.0 | 1.0 |
| 91.12 | 27.78 | 27764.9 | 109.7 | 0.4 | 227.4 | 262.7 | 46.3 | 30.0 | 0.0 | 84.8 | 42.0 | 1.0 |
| 91.62 | 27.92 | 13261.1 | 256.4 | 1.9 | 228.8 | 264.1 | 44.2 | 28.6 | 0.0 | 63.5 | 40.0 | 1.0 |
| 92.11 | 28.08 | 16719.3 | 348.3 | 2.1 | 230.1 | 265.6 | 55.7 | 36.0 | 0.0 | 70.1 | 40.0 | 1.0 |
| 92.60 | 28.22 | 29114.1 | 328.5 | 1.1 | 231.5 | 267.1 | 58.2 | 37.5 | 0.0 | 85.9 | 42.0 | 1.0 |
| 93.09 | 28.38 | 32371.7 | 208.3 | 0.6 | 232.9 | 268.5 | 64.7 | 41.5 | 0.0 | 88.8 | 44.0 | 1.0 |
| 93.58 | 28.53 | 29850.8 | 183.5 | 0.6 | 234.4 | 270.0 | 59.7 | 38.2 | 0.0 | 86.4 | 44.0 | 1.0 |
| 94.08 | 28.67 | 29324.0 | 141.0 | 0.5 | 235.9 | 271.5 | 48.9 | 31.1 | 0.0 | 85.8 | 42.0 | 1.0 |
| 94.57 | 28.83 | 27856.3 | 180.4 | 0.6 | 237.3 | 273.0 | 55.7 | 35.4 | 0.0 | 84.3 | 42.0 | 1.0 |
| 95.06 | 28.97 | 29713.1 | 196.3 | 0.7 | 238.8 | 274.4 | 59.4 | 37.6 | 0.0 | 86.0 | 42.0 | 1.0 |
| 95.55 | 29.12 | 32277.4 | 155.2 | 0.5 | 240.3 | 275.9 | 53.8 | 34.0 | 0.0 | 88.3 | 44.0 | 1.0 |
| 96.05 | 29.28 | 36611.6 | 134.6 | 0.4 | 241.8 | 277.4 | 61.0 | 38.4 | 0.0 | 91.8 | 44.0 | 1.0 |
| 96.54 | 29.42 | 29861.7 | 156.6 | 0.5 | 243.4 | 278.8 | 49.8 | 31.2 | 0.0 | 85.9 | 42.0 | 1.0 |
| 97.03 | 29.58 | 21175.9 | 143.9 | 0.7 | 244.8 | 280.3 | 42.4 | 26.5 | 0.0 | 75.9 | 42.0 | 1.0 |
| 97.52 | 29.72 | 11651.5 | 273.0 | 2.3 | 246.2 | 281.8 | 38.8 | 24.2 | 0.0 | 58.7 | 38.0 | 1.0 |
| 98.01 | 29.88 | 23124.1 | 210.9 | 0.9 | 247.6 | 283.3 | 46.2 | 28.8 | 0.0 | 78.3 | 42.0 | 1.0 |
| 98.51 | 30.03 | 25572.2 | 221.1 | 0.9 | 249.1 | 284.7 | 51.1 | 31.7 | 0.0 | 81.1 | 42.0 | 1.0 |
| 99.00 | 30.17 | 21573.6 | 149.7 | 0.7 | 250.5 | 286.2 | 43.1 | 26.7 | 0.0 | 76.2 | 42.0 | 1.0 |
| 99.49 | 30.33 | 7046.7 | 176.7 | 2.5 | 251.8 | 287.7 | 28.2 | 17.4 | 433.8 | 44.0 | 36.0 | 6.0 |
| 99.98 | 30.47 | 7402.1 | 204.3 | 2.8 | 253.1 | 289.1 | 29.6 | 18.2 | 457.3 | 45.3 | 36.0 | 6.0 |
| 100.47 | 30.62 | 11457.3 | 270.9 | 2.4 | 254.3 | 290.6 | 38.2 | 23.4 | 0.0 | 57.8 | 38.0 | 1.0 |
| 100.97 | 30.78 | 6315.7 | 128.1 | 2.0 | 255.6 | 292.1 | 21.1 | 12.9 | 0.0 | 40.7 | 34.0 | 1.0 |
| 101.46 | 30.92 | 2763.4 | 31.2 | 1.1 | 256.9 | 293.6 | 9.2 | 5.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 101.95 | 31.08 | 1976.2 | 21.0 | 1.1 | 258.2 | 295.0 | 7.9 | 4.8 | 94.9 | 30.0 | 30.0 | 1.5 |
| 102.44 | 31.22 | 2035.5 | 24.1 | 1.2 | 259.4 | 296.5 | 8.1 | 4.9 | 98.6 | 30.0 | 30.0 | 1.5 |
| 102.94 | 31.38 | 3063.5 | 24.3 | 0.8 | 260.7 | 298.0 | 10.2 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 103.43 | 31.53 | 3057.8 | 29.2 | 1.0 | 262.0 | 299.5 | 10.2 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 103.92 | 31.67 | 3277.9 | 61.0 | 1.9 | 263.3 | 300.9 | 13.1 | 7.9 | 180.9 | 30.0 | 30.0 | 3.0 |
| 104.41 | 31.83 | 4290.7 | 132.8 | 3.1 | 264.5 | 302.4 | 21.5 | 12.9 | 248.3 | 0.0 | 0.0 | 3.0 |
| 104.90 | 31.97 | 8351.3 | 175.2 | 2.1 | 265.8 | 303.9 | 27.8 | 16.7 | 0.0 | 48.1 | 36.0 | 1.0 |
| 105.40 | 32.12 | 9549.1 | 158.8 | 1.7 | 267.1 | 305.3 | 31.8 | 19.1 | 0.0 | 51.9 | 36.0 | 1.0 |
| 105.89 | 32.28 | 3015.6 | 80.1 | 2.7 | 268.3 | 306.8 | 12.1 | 7.2 | 162.7 | 30.0 | 30.0 | 3.0 |
| 106.38 | 32.42 | 2566.8 | 33.4 | 1.3 | 269.6 | 308.3 | 10.3 | 6.1 | 132.6 | 30.0 | 30.0 | 1.5 |
| 106.87 | 32.58 | 4599.6 | 89.9 | 2.0 | 270.8 | 309.8 | 15.3 | 9.1 | 0.0 | 30.7 | 32.0 | 1.0 |
| 107.36 | 32.72 | 3836.2 | 72.9 | 1.9 | 272.1 | 311.2 | 15.3 | 9.1 | 216.9 | 30.0 | 30.0 | 3.0 |
| 107.86 | 32.88 | 2352.5 | 36.9 | 1.6 | 273.3 | 312.7 | 9.4 | 5.6 | 117.8 | 30.0 | 30.0 | 1.5 |
| 108.35 | 33.03 | 3920.6 | 50.2 | 1.3 | 274.6 | 314.2 | 13.1 | 7.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 108.84 | 33.17 | 5447.3 | 101.8 | 1.9 | 275.9 | 315.6 | 18.2 | 10.7 | 0.0 | 35.3 | 32.0 | 1.0 |
| 109.33 | 33.33 | 3059.1 | 41.1 | 1.3 | 277.2 | 317.1 | 10.2 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 109.82 | 33.47 | 2449.8 | 26.7 | 1.1 | 278.5 | 318.6 | 9.8 | 5.7 | 123.5 | 30.0 | 30.0 | 1.5 |
| 110.32 | 33.62 | 2883.9 | 52.5 | 1.8 | 279.7 | 320.1 | 11.5 | 6.8 | 152.3 | 30.0 | 30.0 | 3.0 |
| 110.81 | 33.78 | 3170.7 | 97.7 | 3.1 | 280.9 | 321.5 | 15.9 | 9.3 | 171.2 | 0.0 | 0.0 | 3.0 |
| 111.30 | 33.92 | 2976.9 | 74.6 | 2.5 | 282.2 | 323.0 | 11.9 | 6.9 | 158.1 | 30.0 | 30.0 | 3.0 |
| 111.79 | 34.08 | 5561.2 | 118.7 | 2.1 | 283.4 | 324.5 | 22.2 | 12.9 | 330.2 | 35.5 | 32.0 | 6.0 |
| 112.29 | 34.22 | 6442.5 | 123.3 | 1.9 | 284.6 | 325.9 | 21.5 | 12.5 | 0.0 | 39.7 | 34.0 | 1.0 |
| 112.78 | 34.38 | 5166.5 | 149.9 | 2.9 | 285.9 | 327.4 | 20.7 | 12.0 | 303.5 | 33.3 | 32.0 | 6.0 |
| 113.27 | 34.53 | 12447.5 | 231.4 | 1.9 | 287.2 | 328.9 | 41.5 | 24.0 | 0.0 | 58.4 | 38.0 | 1.0 |
| 113.76 | 34.67 | 18618.3 | 297.9 | 1.6 | 288.5 | 330.4 | 46.5 | 26.8 | 0.0 | 69.9 | 40.0 | 1.0 |
| 114.25 | 34.83 | 26312.4 | 278.0 | 1.1 | 289.9 | 331.8 | 52.6 | 30.2 | 0.0 | 79.7 | 42.0 | 1.0 |
| 114.75 | 34.97 | 27993.7 | 279.8 | 1.0 | 291.4 | 333.3 | 56.0 | 32.1 | 0.0 | 81.5 | 42.0 | 1.0 |
| 115.24 | 35.12 | 28094.4 | 268.3 | 1.0 | 292.8 | 334.8 | 56.2 | 32.1 | 0.0 | 81.5 | 42.0 | 1.0 |
| 115.73 | 35.28 | 18875.0 | 372.8 | 2.0 | 294.3 | 336.2 | 47.2 | 26.9 | 0.0 | 70.0 | 40.0 | 1.0 |
| 116.22 | 35.42 | 16901.5 | 445.6 | 2.6 | 295.6 | 337.7 | 56.3 | 32.1 | 0.0 | 66.8 | 40.0 | 1.0 |
| 116.71 | 35.58 | 22271.3 | 245.5 | 1.1 | 297.0 | 339.2 | 44.5 | 25.3 | 0.0 | 74.6 | 40.0 | 1.0 |
| 117.21 | 35.72 | 19338.7 | 258.2 | 1.3 | 298.4 | 340.7 | 48.3 | 27.4 | 0.0 | 70.5 | 40.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 20686.3 | 454.4 | 2.2 | 299.7 | 342.1 | 69.0 | 39.0 | 0.0 | 72.4 | 40.0 | 1.0 |
| 118.19 | 36.03 | 28215.2 | 439.3 | 1.6 | 301.1 | 343.6 | 70.5 | 39.8 | 0.0 | 81.2 | 42.0 | 1.0 |
| 118.68 | 36.17 | 28501.2 | 251.5 | 0.9 | 302.5 | 345.1 | 57.0 | 32.1 | 0.0 | 81.4 | 42.0 | 1.0 |
| 119.18 | 36.33 | 30011.2 | 233.4 | 0.8 | 303.9 | 346.5 | 60.0 | 33.7 | 0.0 | 82.8 | 42.0 | 1.0 |
| 119.67 | 36.47 | 29081.9 | 221.3 | 0.8 | 305.4 | 348.0 | 58.2 | 32.6 | 0.0 | 81.9 | 42.0 | 1.0 |
| 120.16 | 36.62 | 25118.7 | 256.1 | 1.0 | 306.9 | 349.5 | 50.2 | 28.1 | 0.0 | 77.6 | 42.0 | 1.0 |
| 120.65 | 36.78 | 20535.0 | 329.0 | 1.6 | 308.3 | 351.0 | 51.3 | 28.6 | 0.0 | 71.8 | 40.0 | 1.0 |
| 121.14 | 36.92 | 21436.4 | 388.7 | 1.8 | 309.7 | 352.4 | 53.6 | 29.8 | 0.0 | 72.9 | 40.0 | 1.0 |
| 121.64 | 37.08 | 23147.7 | 384.4 | 1.7 | 311.0 | 353.9 | 57.9 | 32.1 | 0.0 | 75.1 | 40.0 | 1.0 |
| 122.21 | 37.25 | 26442.2 | 332.6 | 1.3 | 312.7 | 355.6 | 52.9 | 29.3 | 0.0 | 78.8 | 42.0 | 1.0 |
| 122.78 | 37.42 | 27180.2 | 294.7 | 1.1 | 314.4 | 357.3 | 54.4 | 30.0 | 0.0 | 79.5 | 42.0 | 1.0 |
| 123.28 | 37.58 | 27495.8 | 181.0 | 0.7 | 315.8 | 358.8 | 55.0 | 30.3 | 0.0 | 79.8 | 42.0 | 1.0 |
| 123.77 | 37.72 | 25776.6 | 181.3 | 0.7 | 317.3 | 360.3 | 51.6 | 28.3 | 0.0 | 77.9 | 42.0 | 1.0 |
| 124.26 | 37.88 | 19948.0 | 246.3 | 1.2 | 318.7 | 361.7 | 49.9 | 27.3 | 0.0 | 70.5 | 40.0 | 1.0 |
| 124.75 | 38.03 | 18377.1 | 312.6 | 1.7 | 320.1 | 363.2 | 45.9 | 25.1 | 0.0 | 68.0 | 40.0 | 1.0 |
| 125.24 | 38.17 | 13483.7 | 262.3 | 1.9 | 321.4 | 364.7 | 44.9 | 24.5 | 0.0 | 59.1 | 38.0 | 1.0 |
| 125.74 | 38.33 | 14224.6 | 281.6 | 2.0 | 322.7 | 366.2 | 47.4 | 25.8 | 0.0 | 60.6 | 38.0 | 1.0 |
| 126.23 | 38.47 | 32917.7 | 105.5 | 0.3 | 324.1 | 367.6 | 54.9 | 29.8 | 0.0 | 84.6 | 42.0 | 1.0 |
| 126.72 | 38.62 | 21700.2 | 226.2 | 1.0 | 325.6 | 369.1 | 43.4 | 23.5 | 0.0 | 72.6 | 40.0 | 1.0 |
| 127.21 | 38.78 | 11186.7 | 422.8 | 3.8 | 327.0 | 370.6 | 44.7 | 24.2 | 699.3 | 53.5 | 36.0 | 6.0 |
| 127.71 | 38.92 | 17810.5 | 240.1 | 1.3 | 328.3 | 372.0 | 44.5 | 24.1 | 0.0 | 66.8 | 40.0 | 1.0 |
| 128.20 | 39.08 | 15792.5 | 264.8 | 1.7 | 329.7 | 373.5 | 39.5 | 21.3 | 0.0 | 63.3 | 38.0 | 1.0 |
| 128.69 | 39.22 | 14067.1 | 183.0 | 1.3 | 331.0 | 375.0 | 35.2 | 18.9 | 0.0 | 59.9 | 38.0 | 1.0 |
| 129.18 | 39.38 | 4308.5 | 101.8 | 2.4 | 332.3 | 376.5 | 17.2 | 9.3 | 240.0 | 30.0 | 30.0 | 3.0 |
| 129.67 | 39.53 | 2843.4 | 38.3 | 1.3 | 333.6 | 377.9 | 11.4 | 6.1 | 142.1 | 30.0 | 30.0 | 1.5 |
| 130.17 | 39.67 | 2795.1 | 45.8 | 1.6 | 334.8 | 379.4 | 11.2 | 6.0 | 138.7 | 30.0 | 30.0 | 1.5 |
| 130.66 | 39.83 | 3810.0 | 96.3 | 2.5 | 336.0 | 380.9 | 15.2 | 8.1 | 206.2 | 30.0 | 30.0 | 3.0 |
| 131.15 | 39.97 | 5786.7 | 141.9 | 2.5 | 337.3 | 382.3 | 23.1 | 12.3 | 337.8 | 34.2 | 32.0 | 6.0 |
| 131.64 | 40.12 | 3268.1 | 73.0 | 2.2 | 338.5 | 383.8 | 13.1 | 7.0 | 169.7 | 30.0 | 30.0 | 3.0 |
| 132.13 | 40.28 | 3181.1 | 68.8 | 2.2 | 339.7 | 385.3 | 12.7 | 6.8 | 163.7 | 30.0 | 30.0 | 1.5 |
| 132.63 | 40.42 | 4279.9 | 122.0 | 2.9 | 340.9 | 386.8 | 17.1 | 9.1 | 236.8 | 30.0 | 30.0 | 3.0 |
| 133.12 | 40.58 | 7775.2 | 230.6 | 3.0 | 342.2 | 388.2 | 31.1 | 16.5 | 469.7 | 42.4 | 34.0 | 6.0 |
| 133.61 | 40.72 | 14489.2 | 225.2 | 1.6 | 343.5 | 389.7 | 36.2 | 19.1 | 0.0 | 60.2 | 38.0 | 1.0 |
| 134.10 | 40.88 | 9624.9 | 258.8 | 2.7 | 344.8 | 391.2 | 38.5 | 20.3 | 592.6 | 48.4 | 36.0 | 6.0 |
| 134.59 | 41.03 | 16253.2 | 349.6 | 2.2 | 346.0 | 392.6 | 54.2 | 28.5 | 0.0 | 63.4 | 38.0 | 1.0 |
| 135.09 | 41.17 | 22846.1 | 377.9 | 1.7 | 347.4 | 394.1 | 57.1 | 30.0 | 0.0 | 73.1 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3059
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-5-296
 Location: STRUCTURE 5
 Cone: 20 TON A 092
 CPT Date: 00/01/02
 CPT Time: 13:29
 CPT File: 300SC296.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 0.25 | 0.08 | 842.3 | 8.7 | 1.0 | 1.4 | 0.0 | 4.2 | 8.4 | 56.1 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1424.0 | 20.8 | 1.5 | 4.1 | 0.0 | 5.7 | 11.4 | 94.7 | 57.4 | 48.0 | 10.0 |
| 1.23 | 0.38 | 1265.4 | 18.5 | 1.5 | 6.8 | 0.0 | 5.1 | 10.1 | 83.9 | 46.7 | 44.0 | 10.0 |
| 1.72 | 0.52 | 1469.0 | 18.6 | 1.3 | 9.4 | 0.0 | 5.9 | 11.8 | 97.3 | 46.1 | 44.0 | 10.0 |
| 2.21 | 0.68 | 1570.3 | 25.9 | 1.7 | 12.1 | 0.0 | 6.3 | 12.6 | 103.9 | 44.4 | 44.0 | 10.0 |
| 2.71 | 0.82 | 1273.3 | 14.2 | 1.1 | 14.8 | 0.0 | 5.1 | 10.2 | 83.9 | 35.5 | 42.0 | 10.0 |
| 3.20 | 0.97 | 831.9 | 3.7 | 0.5 | 17.5 | 0.0 | 3.3 | 6.7 | 54.3 | 30.0 | 38.0 | 6.0 |
| 3.61 | 1.10 | 440.2 | 2.0 | 0.5 | 18.5 | 1.0 | 2.2 | 4.4 | 28.0 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 473.3 | 2.0 | 0.4 | 18.9 | 2.2 | 2.4 | 4.7 | 30.1 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 419.6 | 2.0 | 0.5 | 19.3 | 3.7 | 2.1 | 4.2 | 26.4 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 384.1 | 2.0 | 0.5 | 19.7 | 5.2 | 1.9 | 3.8 | 23.9 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 366.0 | 2.0 | 0.5 | 20.1 | 6.6 | 1.8 | 3.7 | 22.6 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 565.8 | 2.0 | 0.4 | 20.5 | 8.1 | 2.8 | 5.7 | 35.8 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 667.1 | 2.0 | 0.3 | 21.0 | 9.8 | 3.3 | 6.7 | 42.4 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 498.2 | 2.0 | 0.4 | 21.4 | 11.5 | 2.5 | 5.0 | 31.0 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 472.2 | 2.0 | 0.4 | 21.8 | 13.0 | 2.4 | 4.7 | 29.2 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 481.6 | 2.0 | 0.4 | 22.2 | 14.5 | 2.4 | 4.8 | 29.7 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 440.6 | 2.0 | 0.5 | 22.6 | 15.9 | 2.2 | 4.4 | 26.8 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 475.7 | 2.0 | 0.4 | 23.0 | 17.4 | 2.4 | 4.8 | 29.0 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 812.6 | 2.0 | 0.2 | 23.5 | 18.9 | 4.1 | 8.1 | 51.4 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 693.5 | 2.0 | 0.3 | 23.9 | 20.4 | 3.5 | 6.9 | 43.3 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1401.2 | 3.9 | 0.3 | 24.7 | 21.8 | 5.6 | 11.0 | 90.3 | 31.0 | 40.0 | 6.0 |
| 11.07 | 3.38 | 953.1 | 5.5 | 0.6 | 25.9 | 23.3 | 3.8 | 7.3 | 60.3 | 30.0 | 38.0 | 6.0 |
| 11.56 | 3.53 | 601.2 | 2.0 | 0.3 | 26.7 | 24.8 | 3.0 | 5.7 | 36.7 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 466.9 | 2.0 | 0.4 | 27.1 | 26.2 | 2.3 | 4.4 | 27.6 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 479.9 | 2.0 | 0.4 | 27.5 | 27.7 | 2.4 | 4.5 | 28.3 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 846.8 | 2.2 | 0.3 | 27.9 | 29.2 | 4.2 | 7.8 | 52.6 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 845.7 | 6.2 | 0.7 | 28.7 | 30.7 | 4.2 | 7.7 | 52.4 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 915.4 | 5.5 | 0.6 | 30.0 | 32.1 | 3.7 | 6.5 | 56.9 | 30.0 | 36.0 | 6.0 |
| 14.52 | 4.43 | 633.6 | 2.0 | 0.3 | 30.8 | 33.6 | 3.2 | 5.6 | 37.9 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 766.8 | 2.8 | 0.4 | 31.2 | 35.1 | 3.8 | 6.7 | 46.7 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 769.8 | 4.2 | 0.5 | 31.6 | 36.5 | 3.8 | 6.7 | 46.8 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 696.8 | 2.0 | 0.3 | 32.0 | 38.0 | 3.5 | 6.0 | 41.8 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 638.4 | 2.0 | 0.3 | 32.4 | 39.5 | 3.2 | 5.5 | 37.8 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1073.3 | 7.1 | 0.7 | 33.2 | 41.0 | 4.3 | 7.3 | 66.6 | 30.0 | 36.0 | 6.0 |
| 17.47 | 5.32 | 7861.3 | 44.3 | 0.6 | 34.5 | 42.4 | 19.7 | 32.7 | 0.0 | 75.6 | 46.0 | 1.0 |
| 17.96 | 5.48 | 1234.3 | 26.1 | 2.1 | 35.8 | 43.9 | 6.2 | 10.1 | 77.0 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 630.7 | 2.0 | 0.3 | 36.6 | 45.4 | 3.2 | 5.1 | 36.6 | 0.0 | 0.0 | 3.0 |
| 18.95 | 5.77 | 579.6 | 2.0 | 0.3 | 37.0 | 46.8 | 2.9 | 4.7 | 33.0 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 8719.3 | 53.5 | 0.6 | 37.9 | 48.3 | 21.8 | 34.6 | 0.0 | 77.2 | 46.0 | 1.0 |
| 19.93 | 6.07 | 18049.2 | 124.4 | 0.7 | 39.4 | 49.8 | 36.1 | 56.3 | 0.0 | 95.0 | 48.0 | 1.0 |
| 20.42 | 6.23 | 7776.3 | 90.8 | 1.2 | 40.8 | 51.3 | 19.4 | 29.8 | 0.0 | 72.9 | 44.0 | 1.0 |
| 20.92 | 6.38 | 879.5 | 22.1 | 2.5 | 42.1 | 52.7 | 5.9 | 8.8 | 52.3 | 0.0 | 0.0 | 6.0 |
| 21.41 | 6.52 | 1195.1 | 14.7 | 1.2 | 43.3 | 54.2 | 4.8 | 7.1 | 73.2 | 30.0 | 36.0 | 6.0 |
| 21.90 | 6.68 | 11511.3 | 66.7 | 0.6 | 44.6 | 55.7 | 23.0 | 33.7 | 0.0 | 82.9 | 46.0 | 1.0 |
| 22.39 | 6.82 | 7821.6 | 53.0 | 0.7 | 46.1 | 57.1 | 19.6 | 28.2 | 0.0 | 71.3 | 44.0 | 1.0 |
| 22.88 | 6.98 | 1034.2 | 20.7 | 2.0 | 47.4 | 58.6 | 5.2 | 7.4 | 61.9 | 0.0 | 0.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 792.9 | 2.0 | 0.3 | 48.2 | 60.1 | 4.0 | 5.6 | 45.6 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 1470.4 | 14.1 | 1.0 | 49.0 | 61.6 | 5.9 | 8.2 | 90.7 | 30.0 | 36.0 | 6.0 |
| 24.36 | 7.43 | 6928.0 | 62.5 | 0.9 | 50.3 | 63.0 | 17.3 | 23.9 | 0.0 | 66.6 | 44.0 | 1.0 |
| 24.85 | 7.57 | 3879.1 | 83.8 | 2.2 | 51.6 | 64.5 | 15.5 | 21.1 | 250.9 | 49.6 | 40.0 | 10.0 |
| 25.34 | 7.73 | 13696.8 | 125.6 | 0.9 | 52.9 | 66.0 | 27.4 | 36.8 | 0.0 | 85.4 | 46.0 | 1.0 |
| 25.84 | 7.88 | 3433.9 | 91.1 | 2.7 | 54.3 | 67.4 | 13.7 | 18.2 | 220.8 | 45.4 | 40.0 | 10.0 |
| 26.33 | 8.02 | 1407.4 | 12.9 | 0.9 | 55.5 | 68.9 | 5.6 | 7.4 | 85.5 | 30.0 | 34.0 | 6.0 |
| 26.82 | 8.18 | 1325.6 | 12.8 | 1.0 | 56.7 | 70.4 | 5.3 | 6.9 | 79.9 | 30.0 | 34.0 | 6.0 |
| 27.31 | 8.32 | 785.2 | 2.0 | 0.3 | 57.6 | 71.9 | 3.9 | 5.1 | 43.7 | 0.0 | 0.0 | 3.0 |
| 27.80 | 8.48 | 1090.2 | 3.8 | 0.4 | 58.4 | 73.3 | 4.4 | 5.6 | 63.9 | 30.0 | 32.0 | 6.0 |
| 28.30 | 8.62 | 708.8 | 3.6 | 0.5 | 59.2 | 74.8 | 3.5 | 4.5 | 38.3 | 0.0 | 0.0 | 3.0 |
| 28.79 | 8.77 | 721.5 | 2.2 | 0.3 | 59.6 | 76.3 | 3.6 | 4.6 | 39.0 | 0.0 | 0.0 | 3.0 |
| 29.28 | 8.93 | 1444.6 | 9.6 | 0.7 | 60.4 | 77.7 | 5.8 | 7.3 | 87.1 | 30.0 | 34.0 | 6.0 |
| 29.77 | 9.07 | 2364.4 | 36.8 | 1.6 | 61.6 | 79.2 | 9.5 | 11.8 | 148.2 | 32.9 | 38.0 | 6.0 |
| 30.27 | 9.23 | 953.9 | 5.1 | 0.5 | 62.9 | 80.7 | 3.8 | 4.7 | 54.0 | 30.0 | 32.0 | 3.0 |
| 30.76 | 9.38 | 1393.2 | 2.7 | 0.2 | 64.1 | 82.2 | 5.6 | 6.8 | 83.1 | 30.0 | 34.0 | 6.0 |
| 31.17 | 9.50 | 3148.2 | 13.8 | 0.4 | 65.1 | 83.4 | 10.5 | 12.7 | 0.0 | 40.3 | 38.0 | 1.0 |
| 31.58 | 9.62 | 1749.5 | 26.2 | 1.5 | 66.2 | 84.6 | 7.0 | 8.4 | 106.6 | 30.0 | 34.0 | 6.0 |
| 32.07 | 9.77 | 1240.5 | 2.8 | 0.2 | 67.4 | 86.1 | 5.0 | 5.9 | 72.5 | 30.0 | 32.0 | 6.0 |
| 32.56 | 9.93 | 1564.8 | 6.9 | 0.4 | 68.6 | 87.6 | 6.3 | 7.4 | 93.9 | 30.0 | 34.0 | 6.0 |
| 33.05 | 10.07 | 1485.7 | 4.5 | 0.3 | 69.9 | 89.0 | 5.9 | 7.0 | 88.5 | 30.0 | 34.0 | 6.0 |
| 33.55 | 10.23 | 1051.0 | 2.2 | 0.2 | 71.1 | 90.5 | 4.2 | 4.9 | 59.3 | 30.0 | 32.0 | 3.0 |
| 34.04 | 10.38 | 1066.3 | 3.0 | 0.3 | 72.3 | 92.0 | 4.3 | 4.9 | 60.1 | 30.0 | 32.0 | 3.0 |
| 34.53 | 10.52 | 1187.2 | 6.5 | 0.5 | 73.6 | 93.4 | 4.7 | 5.4 | 68.0 | 30.0 | 32.0 | 3.0 |
| 35.02 | 10.68 | 1616.3 | 6.0 | 0.4 | 74.8 | 94.9 | 6.5 | 7.3 | 96.4 | 30.0 | 34.0 | 6.0 |
| 35.51 | 10.82 | 1045.1 | 2.7 | 0.3 | 76.0 | 96.4 | 4.2 | 4.7 | 58.2 | 30.0 | 30.0 | 3.0 |
| 36.01 | 10.98 | 1363.8 | 8.0 | 0.6 | 77.2 | 97.9 | 5.5 | 6.1 | 79.2 | 30.0 | 32.0 | 6.0 |
| 36.50 | 11.12 | 3012.5 | 23.0 | 0.8 | 78.5 | 99.3 | 10.0 | 11.1 | 0.0 | 36.4 | 38.0 | 1.0 |
| 36.99 | 11.27 | 4229.3 | 41.3 | 1.0 | 79.8 | 100.8 | 14.1 | 15.4 | 0.0 | 45.8 | 38.0 | 1.0 |
| 37.48 | 11.43 | 2821.9 | 35.5 | 1.3 | 81.1 | 102.3 | 11.3 | 12.3 | 175.9 | 34.0 | 36.0 | 6.0 |
| 37.98 | 11.57 | 2590.6 | 16.9 | 0.7 | 82.3 | 103.7 | 8.6 | 9.3 | 0.0 | 31.3 | 36.0 | 1.0 |
| 38.47 | 11.73 | 5126.8 | 24.6 | 0.5 | 83.7 | 105.2 | 12.8 | 13.7 | 0.0 | 50.7 | 40.0 | 1.0 |
| 38.96 | 11.88 | 1917.6 | 18.9 | 1.0 | 85.0 | 106.7 | 7.7 | 8.1 | 115.1 | 30.0 | 34.0 | 6.0 |
| 39.45 | 12.02 | 1299.9 | 7.9 | 0.6 | 86.2 | 108.2 | 5.2 | 5.5 | 73.7 | 30.0 | 32.0 | 3.0 |
| 39.94 | 12.18 | 1170.3 | 4.8 | 0.4 | 87.4 | 109.6 | 4.7 | 4.9 | 64.9 | 30.0 | 30.0 | 3.0 |
| 40.44 | 12.32 | 1285.0 | 9.8 | 0.8 | 88.7 | 111.1 | 5.1 | 5.3 | 72.3 | 30.0 | 32.0 | 3.0 |
| 40.93 | 12.48 | 1312.2 | 22.1 | 1.7 | 89.9 | 112.6 | 6.6 | 6.8 | 74.0 | 0.0 | 0.0 | 3.0 |
| 41.42 | 12.62 | 1179.2 | 16.2 | 1.4 | 91.1 | 114.0 | 5.9 | 6.0 | 64.9 | 0.0 | 0.0 | 3.0 |
| 41.91 | 12.77 | 1191.0 | 9.5 | 0.8 | 92.4 | 115.5 | 4.8 | 4.9 | 65.5 | 30.0 | 30.0 | 3.0 |
| 42.40 | 12.93 | 2609.6 | 23.6 | 0.9 | 93.6 | 117.0 | 8.7 | 8.8 | 0.0 | 30.0 | 36.0 | 1.0 |
| 42.90 | 13.07 | 5461.1 | 49.5 | 0.9 | 94.9 | 118.5 | 18.2 | 18.3 | 0.0 | 50.7 | 40.0 | 1.0 |
| 43.39 | 13.23 | 6198.3 | 83.5 | 1.3 | 96.2 | 119.9 | 20.7 | 20.6 | 0.0 | 54.1 | 40.0 | 1.0 |
| 43.88 | 13.38 | 2713.2 | 54.4 | 2.0 | 97.5 | 121.4 | 10.9 | 10.8 | 166.3 | 30.2 | 36.0 | 6.0 |
| 44.37 | 13.52 | 1566.7 | 14.1 | 0.9 | 98.7 | 122.9 | 6.3 | 6.2 | 89.7 | 30.0 | 32.0 | 3.0 |
| 44.86 | 13.68 | 1298.5 | 3.0 | 0.2 | 100.0 | 124.3 | 5.2 | 5.1 | 71.6 | 30.0 | 30.0 | 3.0 |
| 45.36 | 13.82 | 3274.8 | 41.8 | 1.3 | 101.2 | 125.8 | 10.9 | 10.6 | 0.0 | 35.1 | 36.0 | 1.0 |
| 45.85 | 13.98 | 11509.7 | 71.1 | 0.6 | 102.6 | 127.3 | 23.0 | 22.2 | 0.0 | 70.9 | 42.0 | 1.0 |
| 46.34 | 14.12 | 4013.2 | 97.9 | 2.4 | 103.9 | 128.8 | 16.1 | 15.4 | 252.0 | 40.6 | 38.0 | 6.0 |
| 46.83 | 14.27 | 1514.6 | 20.8 | 1.4 | 105.2 | 130.2 | 6.1 | 5.8 | 85.3 | 30.0 | 32.0 | 3.0 |
| 47.33 | 14.43 | 1098.2 | 2.0 | 0.2 | 106.4 | 131.7 | 4.4 | 4.2 | 57.3 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1146.5 | 2.8 | 0.2 | 107.6 | 133.2 | 4.6 | 4.3 | 60.4 | 30.0 | 30.0 | 3.0 |
| 48.31 | 14.73 | 1934.3 | 13.7 | 0.7 | 108.9 | 134.6 | 7.7 | 7.3 | 112.7 | 30.0 | 32.0 | 6.0 |
| 48.80 | 14.88 | 2053.2 | 20.9 | 1.0 | 110.1 | 136.1 | 8.2 | 7.7 | 120.5 | 30.0 | 32.0 | 6.0 |
| 49.29 | 15.02 | 1713.3 | 19.7 | 1.2 | 111.3 | 137.6 | 6.9 | 6.4 | 97.6 | 30.0 | 32.0 | 3.0 |
| 49.79 | 15.18 | 1914.4 | 26.8 | 1.4 | 112.5 | 139.1 | 7.7 | 7.1 | 110.9 | 30.0 | 32.0 | 3.0 |
| 50.28 | 15.32 | 1443.7 | 12.1 | 0.8 | 113.8 | 140.5 | 5.8 | 5.3 | 79.3 | 30.0 | 30.0 | 3.0 |
| 50.77 | 15.48 | 1422.5 | 6.5 | 0.5 | 115.0 | 142.0 | 5.7 | 5.2 | 77.7 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 2169.9 | 6.8 | 0.3 | 116.3 | 143.5 | 7.2 | 6.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 51.75 | 15.77 | 1498.1 | 7.7 | 0.5 | 117.5 | 144.9 | 6.0 | 5.4 | 82.4 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1917.8 | 9.9 | 0.5 | 118.8 | 146.4 | 7.7 | 6.9 | 110.2 | 30.0 | 32.0 | 3.0 |
| 52.74 | 16.08 | 2269.7 | 19.1 | 0.8 | 120.0 | 147.9 | 9.1 | 8.1 | 133.5 | 30.0 | 32.0 | 6.0 |
| 53.23 | 16.22 | 2647.3 | 21.9 | 0.8 | 121.3 | 149.4 | 8.8 | 7.8 | 0.0 | 30.0 | 34.0 | 1.0 |
| 53.72 | 16.38 | 1657.4 | 12.2 | 0.7 | 122.5 | 150.8 | 6.6 | 5.9 | 92.3 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 1530.1 | 10.1 | 0.7 | 123.7 | 152.3 | 6.1 | 5.4 | 83.6 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 1435.7 | 10.2 | 0.7 | 125.0 | 153.8 | 5.7 | 5.0 | 77.1 | 30.0 | 30.0 | 3.0 |
| 55.20 | 16.83 | 1431.1 | 9.2 | 0.6 | 126.2 | 155.2 | 5.7 | 5.0 | 76.6 | 30.0 | 30.0 | 3.0 |
| 55.69 | 16.97 | 1516.9 | 11.0 | 0.7 | 127.4 | 156.7 | 6.1 | 5.3 | 82.2 | 30.0 | 30.0 | 3.0 |
| 56.18 | 17.12 | 1403.9 | 9.5 | 0.7 | 128.7 | 158.2 | 5.6 | 4.8 | 74.5 | 30.0 | 30.0 | 3.0 |
| 56.68 | 17.28 | 1303.3 | 5.7 | 0.4 | 129.9 | 159.7 | 5.2 | 4.5 | 67.6 | 30.0 | 30.0 | 3.0 |
| 57.17 | 17.42 | 1393.4 | 6.7 | 0.5 | 131.1 | 161.1 | 5.6 | 4.8 | 73.4 | 30.0 | 30.0 | 3.0 |
| 57.66 | 17.58 | 1698.6 | 38.5 | 2.3 | 132.3 | 162.6 | 8.5 | 7.2 | 93.6 | 0.0 | 0.0 | 3.0 |
| 58.15 | 17.72 | 1784.7 | 42.1 | 2.4 | 133.6 | 164.1 | 8.9 | 7.6 | 99.1 | 0.0 | 0.0 | 3.0 |
| 58.64 | 17.88 | 1556.5 | 66.9 | 4.3 | 134.8 | 165.5 | 15.6 | 13.1 | 83.7 | 0.0 | 0.0 | 3.0 |
| 59.14 | 18.03 | 1363.1 | 28.5 | 2.1 | 136.0 | 167.0 | 6.8 | 5.7 | 70.7 | 0.0 | 0.0 | 3.0 |
| 59.63 | 18.17 | 2065.0 | 39.0 | 1.9 | 137.2 | 168.5 | 8.3 | 6.9 | 117.3 | 30.0 | 32.0 | 3.0 |
| 60.12 | 18.33 | 2510.2 | 36.9 | 1.5 | 138.4 | 170.0 | 10.0 | 8.4 | 146.8 | 30.0 | 32.0 | 6.0 |
| 60.61 | 18.47 | 1847.0 | 17.0 | 0.9 | 139.6 | 171.4 | 7.4 | 6.1 | 102.4 | 30.0 | 30.0 | 3.0 |
| 61.10 | 18.62 | 1560.8 | 14.1 | 0.9 | 140.9 | 172.9 | 6.2 | 5.1 | 83.1 | 30.0 | 30.0 | 3.0 |
| 61.60 | 18.78 | 2020.9 | 42.0 | 2.1 | 142.1 | 174.4 | 8.1 | 6.6 | 113.6 | 30.0 | 30.0 | 3.0 |
| 62.09 | 18.92 | 10574.5 | 93.6 | 0.9 | 143.4 | 175.8 | 26.4 | 21.6 | 0.0 | 63.7 | 40.0 | 1.0 |
| 62.58 | 19.08 | 17113.3 | 103.8 | 0.6 | 144.8 | 177.3 | 34.2 | 27.8 | 0.0 | 77.4 | 42.0 | 1.0 |
| 63.07 | 19.22 | 15729.2 | 127.4 | 0.8 | 146.3 | 178.8 | 31.5 | 25.5 | 0.0 | 74.8 | 42.0 | 1.0 |
| 63.57 | 19.38 | 17242.9 | 130.0 | 0.8 | 147.7 | 180.3 | 34.5 | 27.8 | 0.0 | 77.3 | 42.0 | 1.0 |
| 64.06 | 19.53 | 16652.2 | 88.6 | 0.5 | 149.2 | 181.7 | 33.3 | 26.7 | 0.0 | 76.2 | 42.0 | 1.0 |
| 64.55 | 19.67 | 10790.0 | 73.7 | 0.7 | 150.6 | 183.2 | 21.6 | 17.2 | 0.0 | 63.6 | 40.0 | 1.0 |
| 65.04 | 19.83 | 8530.6 | 117.2 | 1.4 | 152.1 | 184.7 | 21.3 | 16.9 | 0.0 | 56.7 | 40.0 | 1.0 |
| 65.53 | 19.97 | 21461.7 | 124.4 | 0.6 | 153.5 | 186.1 | 42.9 | 33.9 | 0.0 | 83.0 | 44.0 | 1.0 |
| 66.03 | 20.12 | 26566.9 | 164.5 | 0.6 | 154.9 | 187.6 | 53.1 | 41.8 | 0.0 | 89.0 | 44.0 | 1.0 |
| 66.52 | 20.28 | 31021.4 | 141.5 | 0.5 | 156.4 | 189.1 | 51.7 | 40.5 | 0.0 | 93.3 | 46.0 | 1.0 |
| 67.01 | 20.42 | 32035.9 | 113.6 | 0.4 | 157.9 | 190.6 | 53.4 | 41.6 | 0.0 | 94.1 | 46.0 | 1.0 |
| 67.50 | 20.58 | 29463.0 | 91.6 | 0.3 | 159.5 | 192.0 | 49.1 | 38.1 | 0.0 | 91.6 | 44.0 | 1.0 |
| 67.99 | 20.72 | 29371.0 | 170.7 | 0.6 | 161.0 | 193.5 | 49.0 | 37.8 | 0.0 | 91.3 | 44.0 | 1.0 |
| 68.49 | 20.88 | 30302.8 | 104.0 | 0.3 | 162.5 | 195.0 | 50.5 | 38.8 | 0.0 | 92.1 | 44.0 | 1.0 |
| 68.98 | 21.03 | 26353.0 | 82.7 | 0.3 | 164.1 | 196.4 | 43.9 | 33.6 | 0.0 | 88.0 | 44.0 | 1.0 |
| 69.47 | 21.17 | 12649.2 | 154.1 | 1.2 | 165.5 | 197.9 | 31.6 | 24.1 | 0.0 | 66.8 | 40.0 | 1.0 |
| 69.96 | 21.33 | 3988.8 | 81.6 | 2.0 | 166.8 | 199.4 | 16.0 | 12.1 | 241.5 | 33.6 | 34.0 | 6.0 |
| 70.46 | 21.47 | 4306.1 | 32.6 | 0.8 | 168.1 | 200.9 | 14.4 | 10.8 | 0.0 | 35.7 | 34.0 | 1.0 |
| 70.95 | 21.62 | 3363.2 | 46.5 | 1.4 | 169.4 | 202.3 | 11.2 | 8.4 | 0.0 | 30.0 | 32.0 | 1.0 |
| 71.44 | 21.78 | 2525.4 | 27.8 | 1.1 | 170.6 | 203.8 | 10.1 | 7.6 | 143.4 | 30.0 | 32.0 | 3.0 |
| 71.93 | 21.92 | 2201.2 | 20.2 | 0.9 | 171.9 | 205.3 | 8.8 | 6.6 | 121.6 | 30.0 | 30.0 | 3.0 |
| 72.42 | 22.08 | 2619.9 | 24.4 | 0.9 | 173.1 | 206.7 | 8.7 | 6.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 72.92 | 22.22 | 2452.5 | 30.5 | 1.2 | 174.4 | 208.2 | 9.8 | 7.3 | 138.0 | 30.0 | 30.0 | 3.0 |
| 73.41 | 22.38 | 2735.8 | 31.7 | 1.2 | 175.6 | 209.7 | 10.9 | 8.1 | 156.7 | 30.0 | 32.0 | 3.0 |
| 73.90 | 22.53 | 2902.6 | 43.8 | 1.5 | 176.9 | 211.2 | 11.6 | 8.5 | 167.6 | 30.0 | 32.0 | 3.0 |
| 74.39 | 22.67 | 1929.6 | 29.6 | 1.5 | 178.1 | 212.6 | 7.7 | 5.7 | 102.6 | 30.0 | 30.0 | 3.0 |
| 74.88 | 22.83 | 1964.5 | 18.9 | 1.0 | 179.3 | 214.1 | 7.9 | 5.7 | 104.7 | 30.0 | 30.0 | 3.0 |
| 75.38 | 22.97 | 2844.2 | 40.1 | 1.4 | 180.6 | 215.6 | 11.4 | 8.3 | 163.2 | 30.0 | 32.0 | 3.0 |
| 75.87 | 23.12 | 3744.5 | 90.6 | 2.4 | 181.8 | 217.0 | 15.0 | 10.9 | 223.0 | 30.6 | 32.0 | 6.0 |
| 76.36 | 23.28 | 3423.8 | 97.2 | 2.8 | 183.0 | 218.5 | 13.7 | 9.9 | 201.5 | 30.0 | 32.0 | 6.0 |
| 76.85 | 23.42 | 2348.4 | 40.1 | 1.7 | 184.2 | 220.0 | 9.4 | 6.8 | 129.6 | 30.0 | 30.0 | 3.0 |
| 77.34 | 23.58 | 2248.8 | 30.6 | 1.4 | 185.5 | 221.5 | 9.0 | 6.5 | 122.8 | 30.0 | 30.0 | 3.0 |
| 77.84 | 23.72 | 2305.4 | 48.6 | 2.1 | 186.7 | 222.9 | 9.2 | 6.6 | 126.4 | 30.0 | 30.0 | 3.0 |
| 78.33 | 23.88 | 2088.7 | 49.5 | 2.4 | 187.9 | 224.4 | 8.4 | 6.0 | 111.8 | 30.0 | 30.0 | 3.0 |
| 78.82 | 24.03 | 1712.2 | 26.3 | 1.5 | 189.1 | 225.9 | 6.8 | 4.9 | 86.5 | 30.0 | 30.0 | 1.5 |
| 79.31 | 24.17 | 1752.7 | 23.3 | 1.3 | 190.4 | 227.3 | 7.0 | 5.0 | 89.0 | 30.0 | 30.0 | 1.5 |
| 79.81 | 24.33 | 1856.2 | 31.0 | 1.7 | 191.6 | 228.8 | 7.4 | 5.2 | 95.7 | 30.0 | 30.0 | 1.5 |
| 80.30 | 24.47 | 1681.5 | 18.2 | 1.1 | 192.8 | 230.3 | 6.7 | 4.7 | 83.9 | 30.0 | 30.0 | 1.5 |
| 80.79 | 24.62 | 1662.7 | 11.2 | 0.7 | 194.1 | 231.8 | 6.7 | 4.7 | 82.5 | 30.0 | 30.0 | 1.5 |
| 81.28 | 24.78 | 1856.7 | 20.7 | 1.1 | 195.3 | 233.2 | 7.4 | 5.2 | 95.2 | 30.0 | 30.0 | 1.5 |
| 81.77 | 24.92 | 4921.8 | 116.6 | 2.4 | 196.5 | 234.7 | 19.7 | 13.7 | 299.4 | 37.3 | 34.0 | 6.0 |
| 82.27 | 25.08 | 2902.3 | 27.0 | 0.9 | 197.8 | 236.2 | 9.7 | 6.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 82.76 | 25.22 | 2246.9 | 43.7 | 1.9 | 199.1 | 237.6 | 9.0 | 6.2 | 120.7 | 30.0 | 30.0 | 3.0 |
| 83.25 | 25.38 | 3036.8 | 94.2 | 3.1 | 200.3 | 239.1 | 15.2 | 10.5 | 173.2 | 0.0 | 0.0 | 3.0 |
| 83.74 | 25.53 | 2595.9 | 45.8 | 1.8 | 201.5 | 240.6 | 10.4 | 7.2 | 143.6 | 30.0 | 30.0 | 3.0 |
| 84.23 | 25.67 | 2648.2 | 25.8 | 1.0 | 202.8 | 242.1 | 8.8 | 6.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 84.73 | 25.83 | 2285.7 | 16.9 | 0.7 | 204.1 | 243.5 | 7.6 | 5.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 85.22 | 25.97 | 2951.7 | 35.7 | 1.2 | 205.4 | 245.0 | 9.8 | 6.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 85.71 | 26.12 | 3449.4 | 63.7 | 1.8 | 206.6 | 246.5 | 13.8 | 9.4 | 199.7 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 4115.0 | 119.5 | 2.9 | 207.9 | 247.9 | 16.5 | 11.2 | 243.9 | 31.3 | 32.0 | 6.0 |
| 86.70 | 26.42 | 5535.7 | 125.4 | 2.3 | 209.1 | 249.4 | 22.1 | 15.0 | 338.5 | 39.8 | 34.0 | 6.0 |
| 87.19 | 26.58 | 7161.5 | 213.0 | 3.0 | 210.3 | 250.9 | 28.6 | 19.3 | 446.7 | 47.0 | 36.0 | 6.0 |
| 87.68 | 26.72 | 23593.3 | 176.1 | 0.7 | 211.7 | 252.4 | 47.2 | 31.7 | 0.0 | 81.1 | 42.0 | 1.0 |
| 88.17 | 26.88 | 26947.4 | 205.6 | 0.8 | 213.1 | 253.8 | 53.9 | 36.1 | 0.0 | 84.8 | 44.0 | 1.0 |
| 88.66 | 27.03 | 34174.7 | 234.0 | 0.7 | 214.6 | 255.3 | 68.3 | 45.7 | 0.0 | 91.6 | 44.0 | 1.0 |
| 89.16 | 27.17 | 37264.6 | 145.5 | 0.4 | 216.1 | 256.8 | 62.1 | 41.4 | 0.0 | 93.9 | 44.0 | 1.0 |
| 89.65 | 27.33 | 27951.6 | 217.5 | 0.8 | 217.6 | 258.2 | 55.9 | 37.1 | 0.0 | 85.6 | 44.0 | 1.0 |
| 90.14 | 27.47 | 35770.8 | 249.9 | 0.7 | 219.0 | 259.7 | 71.5 | 47.3 | 0.0 | 92.6 | 44.0 | 1.0 |
| 90.63 | 27.62 | 40145.6 | 152.2 | 0.4 | 220.5 | 261.2 | 66.9 | 44.1 | 0.0 | 95.0 | 44.0 | 1.0 |
| 91.12 | 27.78 | 35970.4 | 158.1 | 0.4 | 222.0 | 262.7 | 60.0 | 39.4 | 0.0 | 92.5 | 44.0 | 1.0 |
| 91.62 | 27.92 | 31005.6 | 239.5 | 0.8 | 223.5 | 264.1 | 62.0 | 40.6 | 0.0 | 88.2 | 44.0 | 1.0 |
| 92.11 | 28.08 | 33173.7 | 162.2 | 0.5 | 225.0 | 265.6 | 55.3 | 36.1 | 0.0 | 90.0 | 44.0 | 1.0 |
| 92.60 | 28.22 | 33888.2 | 102.2 | 0.3 | 226.5 | 267.1 | 56.5 | 36.7 | 0.0 | 90.5 | 44.0 | 1.0 |
| 93.09 | 28.38 | 34617.6 | 109.5 | 0.3 | 228.1 | 268.5 | 57.7 | 37.4 | 0.0 | 91.1 | 44.0 | 1.0 |
| 93.58 | 28.53 | 30624.9 | 113.7 | 0.4 | 229.6 | 270.0 | 51.0 | 33.0 | 0.0 | 87.4 | 44.0 | 1.0 |
| 94.08 | 28.67 | 27745.2 | 142.9 | 0.5 | 231.1 | 271.5 | 46.2 | 29.8 | 0.0 | 84.5 | 42.0 | 1.0 |
| 94.57 | 28.83 | 33475.6 | 149.8 | 0.4 | 232.7 | 273.0 | 55.8 | 35.8 | 0.0 | 89.8 | 44.0 | 1.0 |
| 95.06 | 28.97 | 35482.1 | 164.8 | 0.5 | 234.2 | 274.4 | 59.1 | 37.8 | 0.0 | 91.4 | 44.0 | 1.0 |
| 95.55 | 29.12 | 35811.4 | 184.5 | 0.5 | 235.7 | 275.9 | 59.7 | 38.0 | 0.0 | 91.6 | 44.0 | 1.0 |
| 96.05 | 29.28 | 30530.5 | 125.2 | 0.4 | 237.2 | 277.4 | 50.9 | 32.3 | 0.0 | 86.9 | 44.0 | 1.0 |
| 96.54 | 29.42 | 22868.5 | 172.6 | 0.8 | 238.7 | 278.8 | 45.7 | 29.0 | 0.0 | 78.5 | 42.0 | 1.0 |
| 97.03 | 29.58 | 27543.6 | 157.9 | 0.6 | 240.2 | 280.3 | 55.1 | 34.8 | 0.0 | 83.8 | 42.0 | 1.0 |
| 97.52 | 29.72 | 27957.9 | 95.7 | 0.3 | 241.7 | 281.8 | 46.6 | 29.3 | 0.0 | 84.1 | 42.0 | 1.0 |
| 98.01 | 29.88 | 9060.7 | 164.2 | 1.8 | 243.1 | 283.3 | 30.2 | 19.0 | 0.0 | 51.7 | 38.0 | 1.0 |
| 98.51 | 30.03 | 3933.9 | 85.2 | 2.2 | 244.4 | 284.7 | 15.7 | 9.9 | 227.0 | 30.0 | 32.0 | 3.0 |
| 99.00 | 30.17 | 12139.8 | 175.9 | 1.4 | 245.7 | 286.2 | 30.3 | 19.0 | 0.0 | 60.0 | 38.0 | 1.0 |
| 99.49 | 30.33 | 6747.9 | 67.3 | 1.0 | 247.0 | 287.7 | 16.9 | 10.5 | 0.0 | 43.0 | 34.0 | 1.0 |
| 99.98 | 30.47 | 2641.8 | 14.8 | 0.6 | 248.4 | 289.1 | 8.8 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 100.47 | 30.62 | 2465.1 | 9.5 | 0.4 | 249.7 | 290.6 | 8.2 | 5.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 100.97 | 30.78 | 2828.9 | 15.8 | 0.6 | 251.0 | 292.1 | 9.4 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 101.46 | 30.92 | 3040.1 | 42.5 | 1.4 | 252.3 | 293.6 | 12.2 | 7.5 | 166.3 | 30.0 | 30.0 | 3.0 |
| 101.95 | 31.08 | 2332.5 | 21.3 | 0.9 | 253.5 | 295.0 | 9.3 | 5.7 | 118.9 | 30.0 | 30.0 | 1.5 |
| 102.44 | 31.22 | 2670.1 | 42.1 | 1.6 | 254.7 | 296.5 | 10.7 | 6.5 | 141.3 | 30.0 | 30.0 | 3.0 |
| 102.94 | 31.38 | 3967.2 | 102.4 | 2.6 | 255.9 | 298.0 | 15.9 | 9.7 | 227.5 | 30.0 | 32.0 | 3.0 |
| 103.43 | 31.53 | 14749.7 | 117.7 | 0.8 | 257.3 | 299.5 | 29.5 | 18.0 | 0.0 | 64.9 | 40.0 | 1.0 |
| 103.92 | 31.67 | 5688.9 | 123.6 | 2.2 | 258.6 | 300.9 | 22.8 | 13.8 | 342.0 | 37.5 | 34.0 | 6.0 |
| 104.41 | 31.83 | 2282.4 | 27.1 | 1.2 | 259.9 | 302.4 | 9.1 | 5.5 | 114.7 | 30.0 | 30.0 | 1.5 |
| 104.90 | 31.97 | 2829.4 | 36.8 | 1.3 | 261.1 | 303.9 | 11.3 | 6.9 | 151.0 | 30.0 | 30.0 | 3.0 |
| 105.40 | 32.12 | 3908.0 | 36.7 | 0.9 | 262.4 | 305.3 | 13.0 | 7.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 105.89 | 32.28 | 2398.3 | 28.8 | 1.2 | 263.6 | 306.8 | 9.6 | 5.8 | 121.9 | 30.0 | 30.0 | 1.5 |
| 106.38 | 32.42 | 4840.2 | 75.8 | 1.6 | 264.9 | 308.3 | 16.1 | 9.7 | 0.0 | 32.5 | 32.0 | 1.0 |
| 106.87 | 32.58 | 7458.7 | 150.2 | 2.0 | 266.2 | 309.8 | 24.9 | 14.9 | 0.0 | 44.8 | 36.0 | 1.0 |
| 107.36 | 32.72 | 9139.4 | 107.1 | 1.2 | 267.5 | 311.2 | 22.8 | 13.7 | 0.0 | 50.6 | 36.0 | 1.0 |
| 107.86 | 32.88 | 3157.8 | 64.4 | 2.0 | 268.8 | 312.7 | 12.6 | 7.5 | 171.8 | 30.0 | 30.0 | 3.0 |
| 108.35 | 33.03 | 2523.2 | 19.4 | 0.8 | 270.1 | 314.2 | 8.4 | 5.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 108.84 | 33.17 | 2801.5 | 26.7 | 1.0 | 271.4 | 315.6 | 9.3 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 109.33 | 33.33 | 3668.6 | 41.0 | 1.1 | 272.7 | 317.1 | 12.2 | 7.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 109.82 | 33.47 | 2858.0 | 29.8 | 1.0 | 274.0 | 318.6 | 9.5 | 5.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 110.32 | 33.62 | 2756.0 | 23.5 | 0.9 | 275.3 | 320.1 | 9.2 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 110.81 | 33.78 | 4830.3 | 47.2 | 1.0 | 276.6 | 321.5 | 16.1 | 9.5 | 0.0 | 31.8 | 32.0 | 1.0 |
| 111.30 | 33.92 | 3493.2 | 48.4 | 1.4 | 277.9 | 323.0 | 11.6 | 6.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 111.79 | 34.08 | 2685.8 | 29.5 | 1.1 | 279.2 | 324.5 | 9.0 | 5.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 112.29 | 34.22 | 3650.9 | 81.7 | 2.2 | 280.5 | 325.9 | 14.6 | 8.5 | 203.0 | 30.0 | 30.0 | 3.0 |
| 112.78 | 34.38 | 3377.6 | 72.0 | 2.1 | 281.7 | 327.4 | 13.5 | 7.9 | 184.6 | 30.0 | 30.0 | 3.0 |
| 113.27 | 34.53 | 8994.2 | 84.2 | 0.9 | 283.0 | 328.9 | 22.5 | 13.1 | 0.0 | 49.3 | 36.0 | 1.0 |
| 113.76 | 34.67 | 5451.9 | 123.2 | 2.3 | 284.3 | 330.4 | 21.8 | 12.7 | 322.5 | 34.9 | 32.0 | 6.0 |
| 114.25 | 34.83 | 5221.2 | 140.8 | 2.7 | 285.6 | 331.8 | 20.9 | 12.1 | 306.9 | 33.6 | 32.0 | 6.0 |
| 114.75 | 34.97 | 9445.9 | 183.1 | 1.9 | 286.8 | 333.3 | 31.5 | 18.2 | 0.0 | 50.5 | 36.0 | 1.0 |
| 115.24 | 35.12 | 11038.0 | 301.9 | 2.7 | 288.1 | 334.8 | 44.2 | 25.5 | 694.3 | 54.9 | 38.0 | 6.0 |
| 115.73 | 35.28 | 23546.4 | 286.7 | 1.2 | 289.4 | 336.2 | 47.1 | 27.1 | 0.0 | 76.6 | 42.0 | 1.0 |
| 116.22 | 35.42 | 25727.2 | 269.8 | 1.0 | 290.9 | 337.7 | 51.5 | 29.5 | 0.0 | 79.1 | 42.0 | 1.0 |
| 116.71 | 35.58 | 31048.1 | 292.0 | 0.9 | 292.3 | 339.2 | 62.1 | 35.5 | 0.0 | 84.4 | 42.0 | 1.0 |
| 117.21 | 35.72 | 32034.5 | 267.3 | 0.8 | 293.8 | 340.7 | 64.1 | 36.6 | 0.0 | 85.2 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 32263.4 | 349.7 | 1.1 | 295.2 | 342.1 | 64.5 | 36.8 | 0.0 | 85.3 | 42.0 | 1.0 |
| 118.19 | 36.03 | 34931.8 | 334.8 | 1.0 | 296.7 | 343.6 | 69.9 | 39.7 | 0.0 | 87.5 | 42.0 | 1.0 |
| 118.68 | 36.17 | 35841.0 | 320.3 | 0.9 | 298.1 | 345.1 | 71.7 | 40.6 | 0.0 | 88.2 | 42.0 | 1.0 |
| 119.18 | 36.33 | 31431.5 | 265.5 | 0.8 | 299.6 | 346.5 | 62.9 | 35.5 | 0.0 | 84.4 | 42.0 | 1.0 |
| 119.67 | 36.47 | 31636.4 | 296.9 | 0.9 | 301.1 | 348.0 | 63.3 | 35.7 | 0.0 | 84.5 | 42.0 | 1.0 |
| 120.16 | 36.62 | 32216.8 | 258.3 | 0.8 | 302.5 | 349.5 | 64.4 | 36.3 | 0.0 | 84.9 | 42.0 | 1.0 |
| 120.65 | 36.78 | 34604.4 | 258.0 | 0.7 | 304.0 | 351.0 | 69.2 | 38.9 | 0.0 | 86.9 | 42.0 | 1.0 |
| 121.14 | 36.92 | 31778.3 | 245.7 | 0.8 | 305.4 | 352.4 | 63.6 | 35.6 | 0.0 | 84.4 | 42.0 | 1.0 |
| 121.64 | 37.08 | 30830.7 | 228.5 | 0.7 | 306.9 | 353.9 | 61.7 | 34.4 | 0.0 | 83.5 | 42.0 | 1.0 |
| 122.21 | 37.25 | 32838.6 | 173.6 | 0.5 | 308.6 | 355.6 | 54.7 | 30.5 | 0.0 | 85.2 | 42.0 | 1.0 |
| 122.78 | 37.42 | 23260.1 | 139.9 | 0.6 | 310.4 | 357.3 | 46.5 | 25.8 | 0.0 | 75.2 | 40.0 | 1.0 |
| 123.28 | 37.58 | 24869.3 | 204.1 | 0.8 | 311.8 | 358.8 | 49.7 | 27.6 | 0.0 | 77.1 | 42.0 | 1.0 |
| 123.77 | 37.72 | 15660.1 | 197.9 | 1.3 | 313.2 | 360.3 | 39.2 | 21.6 | 0.0 | 63.8 | 38.0 | 1.0 |
| 124.26 | 37.88 | 5440.9 | 151.2 | 2.8 | 314.5 | 361.7 | 21.8 | 12.0 | 317.6 | 33.4 | 32.0 | 6.0 |
| 124.75 | 38.03 | 8051.2 | 161.7 | 2.0 | 315.8 | 363.2 | 26.8 | 14.8 | 0.0 | 44.6 | 34.0 | 1.0 |
| 125.24 | 38.17 | 7882.9 | 209.0 | 2.7 | 317.1 | 364.7 | 31.5 | 17.3 | 480.1 | 43.9 | 34.0 | 6.0 |
| 125.74 | 38.33 | 7841.7 | 170.6 | 2.2 | 318.3 | 366.2 | 26.1 | 14.3 | 0.0 | 43.7 | 34.0 | 1.0 |
| 126.23 | 38.47 | 7357.4 | 190.8 | 2.6 | 319.6 | 367.6 | 29.4 | 16.1 | 444.7 | 41.8 | 34.0 | 6.0 |
| 126.72 | 38.62 | 5591.4 | 126.3 | 2.3 | 320.8 | 369.1 | 22.4 | 12.2 | 326.8 | 33.9 | 32.0 | 6.0 |
| 127.21 | 38.78 | 3008.2 | 46.1 | 1.5 | 322.1 | 370.6 | 12.0 | 6.6 | 154.4 | 30.0 | 30.0 | 1.5 |
| 127.71 | 38.92 | 2874.8 | 34.6 | 1.2 | 323.3 | 372.0 | 9.6 | 5.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.20 | 39.08 | 3196.0 | 21.6 | 0.7 | 324.6 | 373.5 | 10.7 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.69 | 39.22 | 2507.3 | 14.8 | 0.6 | 325.9 | 375.0 | 8.4 | 4.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 129.18 | 39.38 | 2747.5 | 36.9 | 1.3 | 327.2 | 376.5 | 11.0 | 5.9 | 136.3 | 30.0 | 30.0 | 1.5 |
| 129.67 | 39.53 | 3207.5 | 49.8 | 1.6 | 328.4 | 377.9 | 12.8 | 6.9 | 166.7 | 30.0 | 30.0 | 3.0 |
| 130.17 | 39.67 | 3459.3 | 39.7 | 1.1 | 329.7 | 379.4 | 11.5 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 130.66 | 39.83 | 5073.1 | 112.1 | 2.2 | 331.0 | 380.9 | 20.3 | 10.9 | 290.7 | 30.7 | 32.0 | 3.0 |
| 131.15 | 39.97 | 12241.0 | 283.1 | 2.3 | 332.2 | 382.3 | 40.8 | 21.9 | 0.0 | 55.9 | 38.0 | 1.0 |
| 131.64 | 40.12 | 19539.0 | 379.9 | 1.9 | 333.6 | 383.8 | 48.8 | 26.2 | 0.0 | 69.2 | 40.0 | 1.0 |
| 132.13 | 40.28 | 27122.3 | 329.4 | 1.2 | 335.0 | 385.3 | 54.2 | 29.0 | 0.0 | 78.5 | 42.0 | 1.0 |
| 132.63 | 40.42 | 26958.6 | 341.9 | 1.3 | 336.4 | 386.8 | 53.9 | 28.8 | 0.0 | 78.3 | 42.0 | 1.0 |
| 133.12 | 40.58 | 28007.3 | 383.1 | 1.4 | 337.8 | 388.2 | 70.0 | 37.3 | 0.0 | 79.3 | 42.0 | 1.0 |
| 133.61 | 40.72 | 26141.6 | 391.3 | 1.5 | 339.2 | 389.7 | 65.4 | 34.7 | 0.0 | 77.3 | 40.0 | 1.0 |
| 134.10 | 40.88 | 26662.9 | 461.7 | 1.7 | 340.6 | 391.2 | 66.7 | 35.3 | 0.0 | 77.8 | 40.0 | 1.0 |
| 134.59 | 41.03 | 33174.7 | 357.4 | 1.1 | 342.0 | 392.6 | 66.3 | 35.1 | 0.0 | 84.0 | 42.0 | 1.0 |
| 135.09 | 41.17 | 33265.4 | 362.3 | 1.1 | 343.5 | 394.1 | 66.5 | 35.1 | 0.0 | 84.0 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3108
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-324
 Location: STRUCTURE 6
 Cone: 20 TON A 092
 CPT Date: 00/09/02
 CPT Time: 07:42
 CPT File: 300SC324.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 865.1 | 37.1 | 4.3 | 1.3 | 0.0 | 8.7 | 17.3 | 57.6 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1310.5 | 53.9 | 4.1 | 3.9 | 0.0 | 13.1 | 26.2 | 87.1 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 2153.7 | 81.6 | 3.8 | 6.6 | 0.0 | 14.4 | 28.7 | 143.1 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 3559.2 | 157.5 | 4.4 | 9.3 | 0.0 | 23.7 | 47.5 | 236.7 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 3644.9 | 201.9 | 5.5 | 12.0 | 0.0 | 36.4 | 72.9 | 242.2 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1911.4 | 53.6 | 2.8 | 14.6 | 0.0 | 9.6 | 19.1 | 126.4 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 1044.7 | 21.8 | 2.1 | 17.3 | 0.0 | 5.2 | 10.4 | 68.5 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 1012.5 | 19.1 | 1.9 | 18.6 | 1.0 | 5.1 | 10.1 | 66.2 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 784.9 | 16.0 | 2.0 | 19.6 | 2.2 | 3.9 | 7.8 | 50.9 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 599.8 | 6.7 | 1.1 | 20.8 | 3.7 | 3.0 | 6.0 | 38.3 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 551.2 | 5.5 | 1.0 | 21.7 | 5.2 | 2.8 | 5.5 | 35.0 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 398.9 | 5.3 | 1.3 | 22.1 | 6.6 | 2.0 | 4.0 | 24.7 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 641.7 | 8.5 | 1.3 | 22.9 | 8.1 | 3.2 | 6.4 | 40.7 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 493.2 | 2.7 | 0.5 | 23.8 | 9.8 | 2.5 | 4.9 | 30.6 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 988.3 | 7.3 | 0.7 | 24.6 | 11.5 | 4.0 | 7.8 | 63.5 | 30.0 | 38.0 | 6.0 |
| 7.63 | 2.33 | 481.8 | 3.6 | 0.7 | 25.5 | 13.0 | 2.4 | 4.7 | 29.6 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 327.9 | 2.0 | 0.6 | 25.9 | 14.5 | 1.6 | 3.2 | 19.2 | 0.0 | 0.0 | 3.0 |
| 8.61 | 2.62 | 371.2 | 2.0 | 0.5 | 26.3 | 15.9 | 1.9 | 3.5 | 21.9 | 0.0 | 0.0 | 3.0 |
| 9.10 | 2.78 | 346.7 | 3.9 | 1.1 | 26.7 | 17.4 | 1.7 | 3.3 | 20.2 | 0.0 | 0.0 | 3.0 |
| 9.60 | 2.92 | 527.5 | 5.7 | 1.1 | 27.1 | 18.9 | 2.6 | 5.0 | 32.1 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 675.5 | 14.2 | 2.1 | 27.9 | 20.4 | 4.5 | 8.3 | 41.8 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 755.8 | 10.8 | 1.4 | 29.1 | 21.8 | 3.8 | 6.9 | 47.0 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 444.8 | 2.5 | 0.6 | 29.9 | 23.3 | 2.2 | 4.0 | 26.1 | 0.0 | 0.0 | 3.0 |
| 11.56 | 3.53 | 621.6 | 5.6 | 0.9 | 30.3 | 24.8 | 3.1 | 5.5 | 37.8 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 581.3 | 7.6 | 1.3 | 31.2 | 26.2 | 2.9 | 5.1 | 34.9 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 468.4 | 5.2 | 1.1 | 32.0 | 27.7 | 2.3 | 4.1 | 27.2 | 0.0 | 0.0 | 3.0 |
| 13.04 | 3.98 | 446.2 | 3.9 | 0.9 | 32.4 | 29.2 | 2.2 | 3.8 | 25.6 | 0.0 | 0.0 | 3.0 |
| 13.53 | 4.12 | 2461.0 | 21.3 | 0.9 | 33.2 | 30.7 | 8.2 | 13.9 | 0.0 | 42.9 | 40.0 | 1.0 |
| 14.03 | 4.27 | 5861.8 | 85.8 | 1.5 | 34.5 | 32.1 | 19.5 | 32.5 | 0.0 | 67.2 | 44.0 | 1.0 |
| 14.52 | 4.43 | 888.0 | 23.6 | 2.7 | 35.8 | 33.6 | 5.9 | 9.7 | 54.6 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 584.7 | 2.0 | 0.3 | 36.6 | 35.1 | 2.9 | 4.7 | 34.2 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 865.4 | 16.6 | 1.9 | 37.4 | 36.5 | 4.3 | 6.9 | 52.8 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 11390.4 | 63.5 | 0.6 | 38.8 | 38.0 | 22.8 | 35.8 | 0.0 | 84.6 | 46.0 | 1.0 |
| 16.49 | 5.02 | 12673.0 | 51.2 | 0.4 | 40.2 | 39.5 | 25.3 | 39.1 | 0.0 | 87.1 | 46.0 | 1.0 |
| 16.98 | 5.18 | 2695.3 | 41.0 | 1.5 | 41.6 | 41.0 | 10.8 | 16.4 | 174.2 | 42.3 | 40.0 | 10.0 |
| 17.47 | 5.32 | 913.0 | 13.4 | 1.5 | 42.8 | 42.4 | 4.6 | 6.8 | 55.2 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 742.1 | 13.3 | 1.8 | 44.0 | 43.9 | 3.7 | 5.5 | 43.6 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 5321.9 | 23.2 | 0.4 | 45.3 | 45.4 | 13.3 | 19.3 | 0.0 | 60.5 | 42.0 | 1.0 |
| 18.95 | 5.77 | 2186.4 | 18.4 | 0.8 | 46.6 | 46.8 | 8.7 | 12.5 | 139.5 | 34.6 | 38.0 | 6.0 |
| 19.44 | 5.93 | 641.6 | 2.4 | 0.4 | 47.4 | 48.3 | 3.2 | 4.6 | 36.4 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 785.5 | 2.6 | 0.3 | 47.9 | 49.8 | 3.9 | 5.6 | 45.9 | 0.0 | 0.0 | 3.0 |
| 20.42 | 6.23 | 1120.1 | 12.8 | 1.1 | 48.7 | 51.3 | 4.5 | 6.3 | 68.0 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 4548.9 | 56.8 | 1.2 | 49.9 | 52.7 | 15.2 | 21.0 | 0.0 | 54.6 | 42.0 | 1.0 |
| 21.41 | 6.52 | 11713.4 | 126.1 | 1.1 | 51.3 | 54.2 | 29.3 | 40.0 | 0.0 | 81.4 | 46.0 | 1.0 |
| 21.90 | 6.68 | 1986.9 | 79.6 | 4.0 | 52.6 | 55.7 | 13.2 | 17.9 | 125.2 | 0.0 | 0.0 | 6.0 |
| 22.39 | 6.82 | 1435.6 | 4.6 | 0.3 | 53.8 | 57.1 | 5.7 | 7.7 | 88.3 | 30.0 | 34.0 | 6.0 |
| 22.88 | 6.98 | 1013.0 | 5.0 | 0.5 | 55.0 | 58.6 | 4.1 | 5.3 | 60.0 | 30.0 | 32.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 508.6 | 2.0 | 0.4 | 55.9 | 60.1 | 2.5 | 3.3 | 26.2 | 0.0 | 0.0 | 1.5 |
| 23.87 | 7.27 | 887.5 | 5.2 | 0.6 | 56.7 | 61.6 | 3.6 | 4.6 | 51.3 | 30.0 | 32.0 | 3.0 |
| 24.36 | 7.43 | 533.7 | 2.8 | 0.5 | 57.5 | 63.0 | 2.7 | 3.4 | 27.5 | 0.0 | 0.0 | 1.5 |
| 24.85 | 7.57 | 517.9 | 2.0 | 0.4 | 57.9 | 64.5 | 2.6 | 3.3 | 26.4 | 0.0 | 0.0 | 1.5 |
| 25.34 | 7.73 | 628.1 | 2.0 | 0.3 | 58.3 | 66.0 | 3.1 | 4.0 | 33.6 | 0.0 | 0.0 | 3.0 |
| 25.84 | 7.88 | 1963.7 | 13.1 | 0.7 | 59.1 | 67.4 | 7.9 | 10.0 | 122.5 | 30.0 | 36.0 | 6.0 |
| 26.33 | 8.02 | 753.5 | 5.7 | 0.8 | 60.3 | 68.9 | 3.8 | 4.7 | 41.6 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 928.9 | 3.2 | 0.3 | 61.6 | 70.4 | 3.7 | 4.6 | 53.1 | 30.0 | 32.0 | 3.0 |
| 27.31 | 8.32 | 1855.7 | 13.0 | 0.7 | 62.8 | 71.9 | 7.4 | 9.2 | 114.7 | 30.0 | 36.0 | 6.0 |
| 27.80 | 8.48 | 1293.2 | 6.7 | 0.5 | 64.0 | 73.3 | 5.2 | 6.3 | 77.1 | 30.0 | 32.0 | 6.0 |
| 28.30 | 8.62 | 837.6 | 2.1 | 0.2 | 64.8 | 74.8 | 4.2 | 5.1 | 46.5 | 0.0 | 0.0 | 3.0 |
| 28.79 | 8.77 | 1065.9 | 3.8 | 0.4 | 65.7 | 76.3 | 4.3 | 5.1 | 61.6 | 30.0 | 32.0 | 3.0 |
| 29.28 | 8.93 | 1116.0 | 2.0 | 0.2 | 66.9 | 77.7 | 4.5 | 5.3 | 64.8 | 30.0 | 32.0 | 3.0 |
| 29.77 | 9.07 | 764.7 | 2.0 | 0.3 | 67.7 | 79.2 | 3.8 | 4.5 | 41.2 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 718.4 | 2.0 | 0.3 | 68.1 | 80.7 | 3.6 | 4.3 | 38.0 | 0.0 | 0.0 | 3.0 |
| 30.76 | 9.38 | 1290.9 | 6.9 | 0.5 | 68.9 | 82.2 | 5.2 | 6.1 | 76.0 | 30.0 | 32.0 | 6.0 |
| 31.17 | 9.50 | 1404.9 | 3.9 | 0.3 | 69.9 | 83.4 | 5.6 | 6.6 | 83.4 | 30.0 | 32.0 | 6.0 |
| 31.58 | 9.62 | 909.1 | 2.0 | 0.2 | 71.0 | 84.6 | 3.6 | 4.2 | 50.2 | 30.0 | 30.0 | 3.0 |
| 32.07 | 9.77 | 1150.0 | 2.0 | 0.2 | 72.2 | 86.1 | 4.6 | 5.3 | 66.1 | 30.0 | 32.0 | 3.0 |
| 32.56 | 9.93 | 1160.2 | 2.0 | 0.2 | 73.4 | 87.6 | 4.6 | 5.3 | 66.6 | 30.0 | 32.0 | 3.0 |
| 33.05 | 10.07 | 1579.6 | 2.1 | 0.1 | 74.7 | 89.0 | 5.3 | 6.0 | 0.0 | 30.0 | 34.0 | 1.0 |
| 33.55 | 10.23 | 1587.8 | 9.0 | 0.6 | 76.0 | 90.5 | 6.4 | 7.1 | 94.8 | 30.0 | 34.0 | 6.0 |
| 34.04 | 10.38 | 1054.6 | 3.2 | 0.3 | 77.2 | 92.0 | 4.2 | 4.7 | 59.0 | 30.0 | 30.0 | 3.0 |
| 34.53 | 10.52 | 828.1 | 2.0 | 0.2 | 78.0 | 93.4 | 4.1 | 4.6 | 43.8 | 0.0 | 0.0 | 3.0 |
| 35.02 | 10.68 | 943.5 | 2.0 | 0.2 | 78.8 | 94.9 | 3.8 | 4.2 | 51.3 | 30.0 | 30.0 | 3.0 |
| 35.51 | 10.82 | 900.8 | 8.6 | 1.0 | 80.0 | 96.4 | 4.5 | 4.9 | 48.3 | 0.0 | 0.0 | 3.0 |
| 36.01 | 10.98 | 1618.9 | 16.0 | 1.0 | 81.3 | 97.9 | 6.5 | 7.0 | 96.0 | 30.0 | 32.0 | 6.0 |
| 36.50 | 11.12 | 2864.2 | 37.0 | 1.3 | 82.5 | 99.3 | 11.5 | 12.3 | 178.8 | 34.2 | 36.0 | 6.0 |
| 36.99 | 11.27 | 3154.8 | 19.6 | 0.6 | 83.8 | 100.8 | 10.5 | 11.2 | 0.0 | 36.7 | 38.0 | 1.0 |
| 37.48 | 11.43 | 1192.5 | 2.0 | 0.2 | 85.0 | 102.3 | 4.8 | 5.1 | 67.0 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 799.2 | 2.0 | 0.3 | 85.8 | 103.7 | 4.0 | 4.2 | 40.6 | 0.0 | 0.0 | 1.5 |
| 38.47 | 11.73 | 836.9 | 2.0 | 0.2 | 86.3 | 105.2 | 4.2 | 4.4 | 43.0 | 0.0 | 0.0 | 1.5 |
| 38.96 | 11.88 | 2329.9 | 28.2 | 1.2 | 87.1 | 106.7 | 9.3 | 9.8 | 142.4 | 30.0 | 34.0 | 6.0 |
| 39.45 | 12.02 | 4712.5 | 56.2 | 1.2 | 88.3 | 108.2 | 15.7 | 16.4 | 0.0 | 47.5 | 38.0 | 1.0 |
| 39.94 | 12.18 | 3154.3 | 41.1 | 1.3 | 89.6 | 109.6 | 10.5 | 10.9 | 0.0 | 35.8 | 36.0 | 1.0 |
| 40.44 | 12.32 | 1952.5 | 12.5 | 0.6 | 90.9 | 111.1 | 7.8 | 8.0 | 116.7 | 30.0 | 34.0 | 6.0 |
| 40.93 | 12.48 | 1231.2 | 3.5 | 0.3 | 92.1 | 112.6 | 4.9 | 5.0 | 68.4 | 30.0 | 30.0 | 3.0 |
| 41.42 | 12.62 | 1778.0 | 4.5 | 0.3 | 93.4 | 114.0 | 5.9 | 6.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 41.91 | 12.77 | 1898.0 | 46.8 | 2.5 | 94.7 | 115.5 | 9.5 | 9.5 | 112.5 | 0.0 | 0.0 | 6.0 |
| 42.40 | 12.93 | 3686.1 | 63.4 | 1.7 | 95.9 | 117.0 | 14.7 | 14.7 | 231.6 | 39.3 | 38.0 | 6.0 |
| 42.90 | 13.07 | 4023.3 | 28.0 | 0.7 | 97.2 | 118.5 | 13.4 | 13.3 | 0.0 | 41.6 | 38.0 | 1.0 |
| 43.39 | 13.23 | 1058.4 | 6.7 | 0.6 | 98.4 | 119.9 | 4.2 | 4.2 | 56.0 | 30.0 | 30.0 | 3.0 |
| 43.88 | 13.38 | 1126.6 | 3.3 | 0.3 | 99.7 | 121.4 | 4.5 | 4.4 | 60.4 | 30.0 | 30.0 | 3.0 |
| 44.37 | 13.52 | 1157.8 | 2.3 | 0.2 | 100.9 | 122.9 | 4.6 | 4.5 | 62.3 | 30.0 | 30.0 | 3.0 |
| 44.86 | 13.68 | 1167.7 | 2.2 | 0.2 | 102.1 | 124.3 | 4.7 | 4.5 | 62.7 | 30.0 | 30.0 | 3.0 |
| 45.36 | 13.82 | 1292.3 | 4.3 | 0.3 | 103.3 | 125.8 | 5.2 | 5.0 | 70.9 | 30.0 | 30.0 | 3.0 |
| 45.85 | 13.98 | 2460.8 | 11.8 | 0.5 | 104.6 | 127.3 | 8.2 | 7.8 | 0.0 | 30.0 | 34.0 | 1.0 |
| 46.34 | 14.12 | 1476.8 | 9.5 | 0.6 | 105.9 | 128.8 | 5.9 | 5.6 | 82.8 | 30.0 | 30.0 | 3.0 |
| 46.83 | 14.27 | 1325.5 | 2.9 | 0.2 | 107.1 | 130.2 | 5.3 | 5.0 | 72.5 | 30.0 | 30.0 | 3.0 |
| 47.33 | 14.43 | 1352.1 | 2.9 | 0.2 | 108.3 | 131.7 | 5.4 | 5.1 | 74.1 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1247.8 | 2.4 | 0.2 | 109.6 | 133.2 | 5.0 | 4.7 | 67.0 | 30.0 | 30.0 | 3.0 |
| 48.31 | 14.73 | 1296.0 | 2.1 | 0.2 | 110.8 | 134.6 | 5.2 | 4.8 | 70.0 | 30.0 | 30.0 | 3.0 |
| 48.80 | 14.88 | 1428.3 | 5.3 | 0.4 | 112.0 | 136.1 | 5.7 | 5.3 | 78.7 | 30.0 | 30.0 | 3.0 |
| 49.29 | 15.02 | 1676.1 | 11.9 | 0.7 | 113.2 | 137.6 | 6.7 | 6.2 | 95.0 | 30.0 | 32.0 | 3.0 |
| 49.79 | 15.18 | 1511.5 | 12.7 | 0.8 | 114.5 | 139.1 | 6.0 | 5.5 | 83.9 | 30.0 | 30.0 | 3.0 |
| 50.28 | 15.32 | 1326.1 | 9.1 | 0.7 | 115.7 | 140.5 | 5.3 | 4.8 | 71.3 | 30.0 | 30.0 | 3.0 |
| 50.77 | 15.48 | 1267.8 | 9.1 | 0.7 | 116.9 | 142.0 | 5.1 | 4.6 | 67.3 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 1219.1 | 7.0 | 0.6 | 118.2 | 143.5 | 4.9 | 4.4 | 63.8 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1230.0 | 9.6 | 0.8 | 119.4 | 144.9 | 4.9 | 4.4 | 64.4 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1377.8 | 33.8 | 2.5 | 120.6 | 146.4 | 6.9 | 6.1 | 74.1 | 0.0 | 0.0 | 3.0 |
| 52.74 | 16.08 | 1588.4 | 22.2 | 1.4 | 121.8 | 147.9 | 6.4 | 5.6 | 87.9 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 1410.7 | 24.0 | 1.7 | 123.1 | 149.4 | 5.6 | 5.0 | 75.9 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 1608.8 | 42.9 | 2.7 | 124.3 | 150.8 | 8.0 | 7.1 | 88.9 | 0.0 | 0.0 | 3.0 |
| 54.22 | 16.53 | 3953.0 | 55.9 | 1.4 | 125.6 | 152.3 | 13.2 | 11.5 | 0.0 | 37.4 | 36.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 2916.1 | 50.5 | 1.7 | 126.8 | 153.8 | 11.7 | 10.1 | 175.7 | 30.0 | 34.0 | 6.0 |
| 55.20 | 16.83 | 2629.8 | 22.7 | 0.9 | 128.1 | 155.2 | 8.8 | 7.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 55.69 | 16.97 | 1742.7 | 11.5 | 0.7 | 129.4 | 156.7 | 7.0 | 6.0 | 97.1 | 30.0 | 30.0 | 3.0 |
| 56.18 | 17.12 | 2161.9 | 15.3 | 0.7 | 130.6 | 158.2 | 7.2 | 6.2 | 0.0 | 30.0 | 32.0 | 1.0 |
| 56.68 | 17.28 | 2100.7 | 25.8 | 1.2 | 131.9 | 159.7 | 8.4 | 7.2 | 120.6 | 30.0 | 32.0 | 3.0 |
| 57.17 | 17.42 | 3716.7 | 71.8 | 1.9 | 133.1 | 161.1 | 14.9 | 12.6 | 228.2 | 34.8 | 36.0 | 6.0 |
| 57.66 | 17.58 | 6223.2 | 69.3 | 1.1 | 134.4 | 162.6 | 20.7 | 17.5 | 0.0 | 49.4 | 38.0 | 1.0 |
| 58.15 | 17.72 | 3258.0 | 66.0 | 2.0 | 135.7 | 164.1 | 13.0 | 11.0 | 197.2 | 30.8 | 34.0 | 6.0 |
| 58.64 | 17.88 | 1450.6 | 11.8 | 0.8 | 136.9 | 165.5 | 5.8 | 4.9 | 76.5 | 30.0 | 30.0 | 3.0 |
| 59.14 | 18.03 | 1383.4 | 7.3 | 0.5 | 138.1 | 167.0 | 5.5 | 4.6 | 71.9 | 30.0 | 30.0 | 3.0 |
| 59.63 | 18.17 | 1300.9 | 5.7 | 0.4 | 139.3 | 168.5 | 5.2 | 4.3 | 66.2 | 30.0 | 30.0 | 1.5 |
| 60.12 | 18.33 | 1604.3 | 11.5 | 0.7 | 140.6 | 170.0 | 6.4 | 5.3 | 86.3 | 30.0 | 30.0 | 3.0 |
| 60.61 | 18.47 | 2199.3 | 31.0 | 1.4 | 141.8 | 171.4 | 8.8 | 7.2 | 125.7 | 30.0 | 32.0 | 3.0 |
| 61.10 | 18.62 | 5778.7 | 104.0 | 1.8 | 143.1 | 172.9 | 19.3 | 15.8 | 0.0 | 46.4 | 38.0 | 1.0 |
| 61.60 | 18.78 | 2873.7 | 50.8 | 1.8 | 144.3 | 174.4 | 11.5 | 9.4 | 170.3 | 30.0 | 32.0 | 6.0 |
| 62.09 | 18.92 | 1528.3 | 12.4 | 0.8 | 145.6 | 175.8 | 6.1 | 5.0 | 80.5 | 30.0 | 30.0 | 3.0 |
| 62.58 | 19.08 | 2258.0 | 43.1 | 1.9 | 146.8 | 177.3 | 9.0 | 7.3 | 128.9 | 30.0 | 32.0 | 3.0 |
| 63.07 | 19.22 | 1968.8 | 36.2 | 1.8 | 148.0 | 178.8 | 7.9 | 6.3 | 109.5 | 30.0 | 30.0 | 3.0 |
| 63.57 | 19.38 | 2085.8 | 21.0 | 1.0 | 149.2 | 180.3 | 8.3 | 6.7 | 117.1 | 30.0 | 30.0 | 3.0 |
| 64.06 | 19.53 | 2879.3 | 50.9 | 1.8 | 150.5 | 181.7 | 11.5 | 9.2 | 169.8 | 30.0 | 32.0 | 6.0 |
| 64.55 | 19.67 | 9015.5 | 196.1 | 2.2 | 151.7 | 183.2 | 30.1 | 23.9 | 0.0 | 58.3 | 40.0 | 1.0 |
| 65.04 | 19.83 | 11697.8 | 220.0 | 1.9 | 153.0 | 184.7 | 39.0 | 30.8 | 0.0 | 65.7 | 40.0 | 1.0 |
| 65.53 | 19.97 | 5414.6 | 200.4 | 3.7 | 154.3 | 186.1 | 27.1 | 21.3 | 338.3 | 0.0 | 0.0 | 6.0 |
| 66.03 | 20.12 | 2483.8 | 89.5 | 3.6 | 155.5 | 187.6 | 12.4 | 9.7 | 142.7 | 0.0 | 0.0 | 3.0 |
| 66.52 | 20.28 | 2365.7 | 61.5 | 2.6 | 156.8 | 189.1 | 11.8 | 9.2 | 134.7 | 0.0 | 0.0 | 3.0 |
| 67.01 | 20.42 | 1839.4 | 42.6 | 2.3 | 158.0 | 190.6 | 9.2 | 7.2 | 99.4 | 0.0 | 0.0 | 3.0 |
| 67.50 | 20.58 | 1690.5 | 29.7 | 1.8 | 159.2 | 192.0 | 6.8 | 5.2 | 89.3 | 30.0 | 30.0 | 3.0 |
| 67.99 | 20.72 | 1928.8 | 24.2 | 1.3 | 160.4 | 193.5 | 7.7 | 6.0 | 105.0 | 30.0 | 30.0 | 3.0 |
| 68.49 | 20.88 | 1871.3 | 24.6 | 1.3 | 161.7 | 195.0 | 7.5 | 5.8 | 101.0 | 30.0 | 30.0 | 3.0 |
| 68.98 | 21.03 | 1554.4 | 17.5 | 1.1 | 162.9 | 196.4 | 6.2 | 4.8 | 79.7 | 30.0 | 30.0 | 1.5 |
| 69.47 | 21.17 | 1715.5 | 12.9 | 0.8 | 164.1 | 197.9 | 6.9 | 5.2 | 90.2 | 30.0 | 30.0 | 3.0 |
| 69.96 | 21.33 | 1932.2 | 9.4 | 0.5 | 165.4 | 199.4 | 6.4 | 4.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 70.46 | 21.47 | 1639.8 | 33.7 | 2.1 | 166.7 | 200.9 | 8.2 | 6.2 | 84.8 | 0.0 | 0.0 | 3.0 |
| 70.95 | 21.62 | 2105.6 | 38.2 | 1.8 | 167.9 | 202.3 | 8.4 | 6.4 | 115.7 | 30.0 | 30.0 | 3.0 |
| 71.44 | 21.78 | 2081.7 | 37.9 | 1.8 | 169.1 | 203.8 | 8.3 | 6.3 | 113.9 | 30.0 | 30.0 | 3.0 |
| 71.93 | 21.92 | 1725.3 | 52.8 | 3.1 | 170.4 | 205.3 | 8.6 | 6.5 | 90.0 | 0.0 | 0.0 | 3.0 |
| 72.42 | 22.08 | 1464.0 | 28.0 | 1.9 | 171.6 | 206.7 | 7.3 | 5.5 | 72.4 | 0.0 | 0.0 | 1.5 |
| 72.92 | 22.22 | 1407.5 | 14.8 | 1.1 | 172.8 | 208.2 | 5.6 | 4.2 | 68.4 | 30.0 | 30.0 | 1.5 |
| 73.41 | 22.38 | 2084.1 | 24.3 | 1.2 | 174.0 | 209.7 | 8.3 | 6.2 | 113.4 | 30.0 | 30.0 | 3.0 |
| 73.90 | 22.53 | 3579.3 | 54.0 | 1.5 | 175.3 | 211.2 | 11.9 | 8.8 | 0.0 | 30.0 | 32.0 | 1.0 |
| 74.39 | 22.67 | 2279.4 | 43.0 | 1.9 | 176.6 | 212.6 | 9.1 | 6.7 | 126.0 | 30.0 | 30.0 | 3.0 |
| 74.88 | 22.83 | 1931.1 | 33.5 | 1.7 | 177.8 | 214.1 | 7.7 | 5.7 | 102.6 | 30.0 | 30.0 | 3.0 |
| 75.38 | 22.97 | 3667.3 | 50.2 | 1.4 | 179.1 | 215.6 | 12.2 | 8.9 | 0.0 | 30.2 | 32.0 | 1.0 |
| 75.87 | 23.12 | 2035.5 | 29.7 | 1.5 | 180.3 | 217.0 | 8.1 | 5.9 | 109.2 | 30.0 | 30.0 | 3.0 |
| 76.36 | 23.28 | 3459.5 | 75.4 | 2.2 | 181.6 | 218.5 | 13.8 | 10.1 | 204.0 | 30.0 | 32.0 | 6.0 |
| 76.85 | 23.42 | 4269.6 | 97.3 | 2.3 | 182.8 | 220.0 | 17.1 | 12.4 | 257.8 | 34.2 | 34.0 | 6.0 |
| 77.34 | 23.58 | 6459.4 | 168.9 | 2.6 | 184.0 | 221.5 | 25.8 | 18.6 | 403.6 | 46.0 | 36.0 | 6.0 |
| 77.84 | 23.72 | 16953.7 | 158.5 | 0.9 | 185.4 | 222.9 | 33.9 | 24.4 | 0.0 | 73.6 | 42.0 | 1.0 |
| 78.33 | 23.88 | 22932.9 | 99.1 | 0.4 | 186.8 | 224.4 | 45.9 | 32.8 | 0.0 | 82.1 | 42.0 | 1.0 |
| 78.82 | 24.03 | 25019.7 | 107.6 | 0.4 | 188.3 | 225.9 | 41.7 | 29.7 | 0.0 | 84.5 | 44.0 | 1.0 |
| 79.31 | 24.17 | 20379.0 | 108.4 | 0.5 | 189.8 | 227.3 | 40.8 | 29.0 | 0.0 | 78.5 | 42.0 | 1.0 |
| 79.81 | 24.33 | 17382.8 | 86.2 | 0.5 | 191.2 | 228.8 | 34.8 | 24.6 | 0.0 | 73.8 | 42.0 | 1.0 |
| 80.30 | 24.47 | 11207.6 | 61.2 | 0.5 | 192.7 | 230.3 | 22.4 | 15.8 | 0.0 | 61.1 | 40.0 | 1.0 |
| 80.79 | 24.62 | 6762.5 | 76.1 | 1.1 | 194.1 | 231.8 | 16.9 | 11.9 | 0.0 | 46.6 | 36.0 | 1.0 |
| 81.28 | 24.78 | 16187.8 | 104.3 | 0.6 | 195.5 | 233.2 | 32.4 | 22.7 | 0.0 | 71.5 | 42.0 | 1.0 |
| 81.77 | 24.92 | 21822.9 | 105.8 | 0.5 | 197.0 | 234.7 | 43.6 | 30.4 | 0.0 | 79.9 | 42.0 | 1.0 |
| 82.27 | 25.08 | 22646.2 | 253.8 | 1.1 | 198.4 | 236.2 | 45.3 | 31.5 | 0.0 | 80.9 | 42.0 | 1.0 |
| 82.76 | 25.22 | 27440.4 | 162.0 | 0.6 | 199.9 | 237.6 | 54.9 | 38.0 | 0.0 | 86.3 | 44.0 | 1.0 |
| 83.25 | 25.38 | 35225.3 | 120.4 | 0.3 | 201.4 | 239.1 | 58.7 | 40.5 | 0.0 | 93.3 | 44.0 | 1.0 |
| 83.74 | 25.53 | 35958.7 | 119.4 | 0.3 | 202.9 | 240.6 | 59.9 | 41.2 | 0.0 | 93.8 | 44.0 | 1.0 |
| 84.23 | 25.67 | 30029.6 | 134.9 | 0.4 | 204.4 | 242.1 | 50.0 | 34.3 | 0.0 | 88.5 | 44.0 | 1.0 |
| 84.73 | 25.83 | 30788.7 | 99.0 | 0.3 | 206.0 | 243.5 | 51.3 | 35.0 | 0.0 | 89.2 | 44.0 | 1.0 |
| 85.22 | 25.97 | 30034.9 | 116.8 | 0.4 | 207.5 | 245.0 | 50.1 | 34.0 | 0.0 | 88.3 | 44.0 | 1.0 |
| 85.71 | 26.12 | 31575.5 | 115.9 | 0.4 | 209.0 | 246.5 | 52.6 | 35.6 | 0.0 | 89.7 | 44.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 32528.9 | 99.8 | 0.3 | 210.6 | 247.9 | 54.2 | 36.6 | 0.0 | 90.4 | 44.0 | 1.0 |
| 86.70 | 26.42 | 30821.5 | 109.0 | 0.4 | 212.1 | 249.4 | 51.4 | 34.5 | 0.0 | 88.8 | 44.0 | 1.0 |
| 87.19 | 26.58 | 31913.1 | 153.8 | 0.5 | 213.6 | 250.9 | 53.2 | 35.6 | 0.0 | 89.7 | 44.0 | 1.0 |
| 87.68 | 26.72 | 30013.8 | 164.0 | 0.5 | 215.1 | 252.4 | 50.0 | 33.4 | 0.0 | 87.8 | 44.0 | 1.0 |
| 88.17 | 26.88 | 30018.6 | 193.3 | 0.6 | 216.6 | 253.8 | 60.0 | 39.9 | 0.0 | 87.7 | 44.0 | 1.0 |
| 88.66 | 27.03 | 26775.2 | 192.9 | 0.7 | 218.1 | 255.3 | 53.6 | 35.5 | 0.0 | 84.3 | 42.0 | 1.0 |
| 89.16 | 27.17 | 10003.2 | 258.2 | 2.6 | 219.5 | 256.8 | 33.3 | 22.0 | 0.0 | 56.0 | 38.0 | 1.0 |
| 89.65 | 27.33 | 24536.8 | 172.7 | 0.7 | 220.8 | 258.2 | 49.1 | 32.3 | 0.0 | 81.6 | 42.0 | 1.0 |
| 90.14 | 27.47 | 31013.5 | 149.8 | 0.5 | 222.3 | 259.7 | 51.7 | 33.9 | 0.0 | 88.3 | 44.0 | 1.0 |
| 90.63 | 27.62 | 29631.1 | 155.9 | 0.5 | 223.9 | 261.2 | 49.4 | 32.3 | 0.0 | 86.9 | 44.0 | 1.0 |
| 91.12 | 27.78 | 28760.8 | 180.7 | 0.6 | 225.3 | 262.7 | 57.5 | 37.5 | 0.0 | 85.9 | 44.0 | 1.0 |
| 91.62 | 27.92 | 27439.7 | 173.2 | 0.6 | 226.8 | 264.1 | 54.9 | 35.7 | 0.0 | 84.5 | 42.0 | 1.0 |
| 92.11 | 28.08 | 22359.3 | 134.1 | 0.6 | 228.3 | 265.6 | 44.7 | 29.0 | 0.0 | 78.5 | 42.0 | 1.0 |
| 92.60 | 28.22 | 17187.4 | 184.7 | 1.1 | 229.7 | 267.1 | 34.4 | 22.2 | 0.0 | 70.9 | 40.0 | 1.0 |
| 93.09 | 28.38 | 20725.1 | 247.5 | 1.2 | 231.2 | 268.5 | 41.5 | 26.7 | 0.0 | 76.2 | 42.0 | 1.0 |
| 93.58 | 28.53 | 24128.3 | 213.9 | 0.9 | 232.6 | 270.0 | 48.3 | 31.0 | 0.0 | 80.4 | 42.0 | 1.0 |
| 94.08 | 28.67 | 18636.0 | 165.2 | 0.9 | 234.1 | 271.5 | 37.3 | 23.8 | 0.0 | 72.9 | 42.0 | 1.0 |
| 94.57 | 28.83 | 5879.1 | 185.3 | 3.2 | 235.4 | 273.0 | 23.5 | 15.0 | 358.0 | 39.8 | 34.0 | 6.0 |
| 95.06 | 28.97 | 7605.5 | 141.0 | 1.9 | 236.7 | 274.4 | 25.4 | 16.1 | 0.0 | 47.1 | 36.0 | 1.0 |
| 95.55 | 29.12 | 3932.8 | 97.6 | 2.5 | 237.9 | 275.9 | 15.7 | 10.0 | 227.9 | 30.0 | 32.0 | 3.0 |
| 96.05 | 29.28 | 3439.7 | 40.6 | 1.2 | 239.2 | 277.4 | 11.5 | 7.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 96.54 | 29.42 | 6118.4 | 137.9 | 2.3 | 240.5 | 278.8 | 24.5 | 15.4 | 373.3 | 40.6 | 34.0 | 6.0 |
| 97.03 | 29.58 | 3092.8 | 52.4 | 1.7 | 241.7 | 280.3 | 12.4 | 7.8 | 171.4 | 30.0 | 30.0 | 3.0 |
| 97.52 | 29.72 | 3686.6 | 44.2 | 1.2 | 243.0 | 281.8 | 12.3 | 7.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 98.01 | 29.88 | 3806.3 | 69.7 | 1.8 | 244.2 | 283.3 | 15.2 | 9.5 | 218.6 | 30.0 | 32.0 | 3.0 |
| 98.51 | 30.03 | 6409.5 | 103.4 | 1.6 | 245.5 | 284.7 | 21.4 | 13.3 | 0.0 | 41.7 | 34.0 | 1.0 |
| 99.00 | 30.17 | 2726.2 | 50.5 | 1.9 | 246.8 | 286.2 | 10.9 | 6.8 | 146.2 | 30.0 | 30.0 | 3.0 |
| 99.49 | 30.33 | 2243.4 | 37.2 | 1.7 | 248.0 | 287.7 | 9.0 | 5.6 | 113.8 | 30.0 | 30.0 | 1.5 |
| 99.98 | 30.47 | 2089.1 | 29.1 | 1.4 | 249.2 | 289.1 | 8.4 | 5.2 | 103.4 | 30.0 | 30.0 | 1.5 |
| 100.47 | 30.62 | 2248.5 | 40.0 | 1.8 | 250.5 | 290.6 | 9.0 | 5.6 | 113.8 | 30.0 | 30.0 | 1.5 |
| 100.97 | 30.78 | 2622.2 | 84.1 | 3.2 | 251.7 | 292.1 | 13.1 | 8.1 | 138.6 | 0.0 | 0.0 | 3.0 |
| 101.46 | 30.92 | 3051.6 | 109.6 | 3.6 | 252.9 | 293.6 | 15.3 | 9.4 | 167.0 | 0.0 | 0.0 | 3.0 |
| 101.95 | 31.08 | 2404.7 | 59.8 | 2.5 | 254.1 | 295.0 | 9.6 | 5.9 | 123.7 | 30.0 | 30.0 | 1.5 |
| 102.44 | 31.22 | 2244.0 | 34.4 | 1.5 | 255.4 | 296.5 | 9.0 | 5.5 | 112.8 | 30.0 | 30.0 | 1.5 |
| 102.94 | 31.38 | 2912.8 | 90.8 | 3.1 | 256.6 | 298.0 | 14.6 | 8.9 | 157.2 | 0.0 | 0.0 | 3.0 |
| 103.43 | 31.53 | 3549.5 | 132.1 | 3.7 | 257.8 | 299.5 | 17.7 | 10.8 | 199.5 | 0.0 | 0.0 | 3.0 |
| 103.92 | 31.67 | 3927.0 | 129.4 | 3.3 | 259.1 | 300.9 | 19.6 | 11.9 | 224.5 | 0.0 | 0.0 | 3.0 |
| 104.41 | 31.83 | 3603.4 | 113.4 | 3.1 | 260.3 | 302.4 | 18.0 | 10.9 | 202.7 | 0.0 | 0.0 | 3.0 |
| 104.90 | 31.97 | 3409.9 | 116.1 | 3.4 | 261.5 | 303.9 | 17.0 | 10.3 | 189.6 | 0.0 | 0.0 | 3.0 |
| 105.40 | 32.12 | 2683.2 | 83.7 | 3.1 | 262.7 | 305.3 | 13.4 | 8.1 | 141.0 | 0.0 | 0.0 | 3.0 |
| 105.89 | 32.28 | 2554.5 | 51.5 | 2.0 | 264.0 | 306.8 | 10.2 | 6.2 | 132.3 | 30.0 | 30.0 | 3.0 |
| 106.38 | 32.42 | 2668.4 | 61.4 | 2.3 | 265.2 | 308.3 | 10.7 | 6.4 | 139.7 | 30.0 | 30.0 | 3.0 |
| 106.87 | 32.58 | 2940.8 | 42.4 | 1.4 | 266.4 | 309.8 | 11.8 | 7.1 | 157.6 | 30.0 | 30.0 | 3.0 |
| 107.36 | 32.72 | 4005.0 | 72.5 | 1.8 | 267.7 | 311.2 | 13.4 | 8.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 107.86 | 32.88 | 12666.6 | 217.8 | 1.7 | 269.0 | 312.7 | 31.7 | 18.9 | 0.0 | 59.9 | 38.0 | 1.0 |
| 108.35 | 33.03 | 21308.8 | 146.1 | 0.7 | 270.4 | 314.2 | 42.6 | 25.4 | 0.0 | 74.7 | 40.0 | 1.0 |
| 108.84 | 33.17 | 22551.3 | 224.9 | 1.0 | 271.9 | 315.6 | 45.1 | 26.8 | 0.0 | 76.2 | 42.0 | 1.0 |
| 109.33 | 33.33 | 23562.1 | 218.0 | 0.9 | 273.4 | 317.1 | 47.1 | 27.9 | 0.0 | 77.4 | 42.0 | 1.0 |
| 109.82 | 33.47 | 24858.8 | 237.1 | 1.0 | 274.8 | 318.6 | 49.7 | 29.4 | 0.0 | 78.9 | 42.0 | 1.0 |
| 110.32 | 33.62 | 26638.0 | 194.9 | 0.7 | 276.3 | 320.1 | 53.3 | 31.4 | 0.0 | 80.8 | 42.0 | 1.0 |
| 110.81 | 33.78 | 26373.5 | 135.8 | 0.5 | 277.8 | 321.5 | 44.0 | 25.8 | 0.0 | 80.4 | 42.0 | 1.0 |
| 111.30 | 33.92 | 26775.4 | 133.5 | 0.5 | 279.3 | 323.0 | 44.6 | 26.1 | 0.0 | 80.8 | 42.0 | 1.0 |
| 111.79 | 34.08 | 29053.1 | 148.6 | 0.5 | 280.8 | 324.5 | 48.4 | 28.3 | 0.0 | 83.0 | 42.0 | 1.0 |
| 112.29 | 34.22 | 32616.4 | 164.9 | 0.5 | 282.3 | 325.9 | 54.4 | 31.7 | 0.0 | 86.3 | 42.0 | 1.0 |
| 112.78 | 34.38 | 30737.4 | 191.5 | 0.6 | 283.8 | 327.4 | 61.5 | 35.7 | 0.0 | 84.5 | 42.0 | 1.0 |
| 113.27 | 34.53 | 31092.0 | 253.2 | 0.8 | 285.3 | 328.9 | 62.2 | 36.0 | 0.0 | 84.8 | 42.0 | 1.0 |
| 113.76 | 34.67 | 24859.8 | 225.0 | 0.9 | 286.7 | 330.4 | 49.7 | 28.7 | 0.0 | 78.3 | 42.0 | 1.0 |
| 114.25 | 34.83 | 7882.7 | 307.8 | 3.9 | 288.1 | 331.8 | 39.4 | 22.7 | 484.2 | 0.0 | 0.0 | 6.0 |
| 114.75 | 34.97 | 25599.8 | 202.4 | 0.8 | 289.4 | 333.3 | 51.2 | 29.5 | 0.0 | 79.0 | 42.0 | 1.0 |
| 115.24 | 35.12 | 35503.8 | 171.6 | 0.5 | 290.9 | 334.8 | 59.2 | 34.0 | 0.0 | 88.3 | 42.0 | 1.0 |
| 115.73 | 35.28 | 31165.8 | 137.3 | 0.4 | 292.4 | 336.2 | 51.9 | 29.7 | 0.0 | 84.5 | 42.0 | 1.0 |
| 116.22 | 35.42 | 21521.3 | 360.1 | 1.7 | 293.9 | 337.7 | 53.8 | 30.7 | 0.0 | 73.8 | 40.0 | 1.0 |
| 116.71 | 35.58 | 25463.6 | 403.0 | 1.6 | 295.3 | 339.2 | 63.7 | 36.3 | 0.0 | 78.5 | 42.0 | 1.0 |
| 117.21 | 35.72 | 27687.9 | 255.1 | 0.9 | 296.7 | 340.7 | 55.4 | 31.5 | 0.0 | 80.9 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 25139.0 | 228.8 | 0.9 | 298.1 | 342.1 | 50.3 | 28.5 | 0.0 | 78.0 | 42.0 | 1.0 |
| 118.19 | 36.03 | 18060.6 | 270.6 | 1.5 | 299.6 | 343.6 | 45.2 | 25.5 | 0.0 | 68.5 | 40.0 | 1.0 |
| 118.68 | 36.17 | 16892.0 | 360.7 | 2.1 | 300.9 | 345.1 | 56.3 | 31.8 | 0.0 | 66.5 | 40.0 | 1.0 |
| 119.18 | 36.33 | 14126.1 | 341.5 | 2.4 | 302.2 | 346.5 | 47.1 | 26.5 | 0.0 | 61.3 | 38.0 | 1.0 |
| 119.67 | 36.47 | 20109.4 | 406.5 | 2.0 | 303.5 | 348.0 | 50.3 | 28.2 | 0.0 | 71.4 | 40.0 | 1.0 |
| 120.16 | 36.62 | 30545.0 | 248.9 | 0.8 | 305.0 | 349.5 | 61.1 | 34.2 | 0.0 | 83.3 | 42.0 | 1.0 |
| 120.65 | 36.78 | 31321.6 | 198.3 | 0.6 | 306.4 | 351.0 | 62.6 | 35.0 | 0.0 | 84.0 | 42.0 | 1.0 |
| 121.14 | 36.92 | 30590.7 | 178.4 | 0.6 | 307.9 | 352.4 | 51.0 | 28.4 | 0.0 | 83.2 | 42.0 | 1.0 |
| 121.64 | 37.08 | 28489.2 | 129.3 | 0.5 | 309.4 | 353.9 | 47.5 | 26.4 | 0.0 | 81.1 | 42.0 | 1.0 |
| 122.21 | 37.25 | 18374.7 | 114.4 | 0.6 | 311.2 | 355.6 | 36.7 | 20.4 | 0.0 | 68.4 | 40.0 | 1.0 |
| 122.78 | 37.42 | 17603.2 | 163.6 | 0.9 | 312.9 | 357.3 | 35.2 | 19.5 | 0.0 | 67.1 | 40.0 | 1.0 |
| 123.28 | 37.58 | 22779.7 | 116.7 | 0.5 | 314.3 | 358.8 | 45.6 | 25.2 | 0.0 | 74.5 | 40.0 | 1.0 |
| 123.77 | 37.72 | 28572.8 | 168.1 | 0.6 | 315.8 | 360.3 | 57.1 | 31.5 | 0.0 | 80.9 | 42.0 | 1.0 |
| 124.26 | 37.88 | 28584.2 | 178.7 | 0.6 | 317.2 | 361.7 | 57.2 | 31.4 | 0.0 | 80.8 | 42.0 | 1.0 |
| 124.75 | 38.03 | 10561.8 | 186.8 | 1.8 | 318.6 | 363.2 | 35.2 | 19.3 | 0.0 | 52.2 | 36.0 | 1.0 |
| 125.24 | 38.17 | 4644.9 | 84.4 | 1.8 | 319.9 | 364.7 | 15.5 | 8.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 125.74 | 38.33 | 3526.0 | 66.9 | 1.9 | 321.2 | 366.2 | 14.1 | 7.7 | 189.2 | 30.0 | 30.0 | 3.0 |
| 126.23 | 38.47 | 4069.6 | 75.5 | 1.9 | 322.4 | 367.6 | 16.3 | 8.9 | 225.3 | 30.0 | 30.0 | 3.0 |
| 126.72 | 38.62 | 5478.1 | 87.8 | 1.6 | 323.7 | 369.1 | 18.3 | 9.9 | 0.0 | 33.2 | 32.0 | 1.0 |
| 127.21 | 38.78 | 3546.1 | 58.5 | 1.6 | 324.9 | 370.6 | 14.2 | 7.7 | 190.0 | 30.0 | 30.0 | 3.0 |
| 127.71 | 38.92 | 3432.0 | 44.4 | 1.3 | 326.2 | 372.0 | 11.4 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.20 | 39.08 | 3650.1 | 43.2 | 1.2 | 327.5 | 373.5 | 12.2 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.69 | 39.22 | 3417.8 | 45.1 | 1.3 | 328.8 | 375.0 | 11.4 | 6.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 129.18 | 39.38 | 4821.7 | 120.6 | 2.5 | 330.1 | 376.5 | 19.3 | 10.4 | 274.3 | 30.0 | 32.0 | 3.0 |
| 129.67 | 39.53 | 6111.7 | 154.7 | 2.5 | 331.3 | 377.9 | 24.4 | 13.1 | 360.2 | 36.0 | 32.0 | 6.0 |
| 130.17 | 39.67 | 7007.6 | 220.3 | 3.1 | 332.5 | 379.4 | 28.0 | 15.0 | 419.7 | 39.9 | 34.0 | 6.0 |
| 130.66 | 39.83 | 5087.5 | 158.0 | 3.1 | 333.8 | 380.9 | 20.3 | 10.9 | 291.5 | 30.6 | 32.0 | 3.0 |
| 131.15 | 39.97 | 7656.3 | 186.3 | 2.4 | 335.0 | 382.3 | 30.6 | 16.4 | 462.6 | 42.3 | 34.0 | 6.0 |
| 131.64 | 40.12 | 15877.3 | 195.9 | 1.2 | 336.3 | 383.8 | 39.7 | 21.2 | 0.0 | 63.1 | 38.0 | 1.0 |
| 132.13 | 40.28 | 6439.3 | 129.0 | 2.0 | 337.6 | 385.3 | 21.5 | 11.4 | 0.0 | 37.2 | 32.0 | 1.0 |
| 132.63 | 40.42 | 3208.3 | 39.9 | 1.2 | 338.9 | 386.8 | 10.7 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 133.12 | 40.58 | 4334.1 | 78.1 | 1.8 | 340.2 | 388.2 | 14.4 | 7.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 133.61 | 40.72 | 5692.6 | 127.3 | 2.2 | 341.5 | 389.7 | 22.8 | 12.1 | 330.8 | 33.5 | 32.0 | 3.0 |
| 134.10 | 40.88 | 3812.2 | 90.0 | 2.4 | 342.7 | 391.2 | 15.2 | 8.1 | 205.2 | 30.0 | 30.0 | 3.0 |
| 134.59 | 41.03 | 3670.4 | 75.2 | 2.0 | 344.0 | 392.6 | 14.7 | 7.7 | 195.6 | 30.0 | 30.0 | 3.0 |
| 135.09 | 41.17 | 3716.4 | 66.5 | 1.8 | 345.2 | 394.1 | 14.9 | 7.8 | 198.5 | 30.0 | 30.0 | 3.0 |
| 135.58 | 41.33 | 3958.3 | 57.0 | 1.4 | 346.4 | 395.6 | 13.2 | 6.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 136.07 | 41.47 | 4217.8 | 75.4 | 1.8 | 347.8 | 397.1 | 14.1 | 7.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 136.56 | 41.62 | 4357.4 | 48.9 | 1.1 | 349.1 | 398.5 | 14.5 | 7.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 137.06 | 41.78 | 3938.4 | 65.2 | 1.7 | 350.4 | 400.0 | 13.1 | 6.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 137.55 | 41.92 | 3728.5 | 52.0 | 1.4 | 351.7 | 401.5 | 12.4 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 138.04 | 42.08 | 3668.6 | 36.9 | 1.0 | 353.0 | 402.9 | 12.2 | 6.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 138.53 | 42.22 | 3885.8 | 45.3 | 1.2 | 354.3 | 404.4 | 13.0 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 139.02 | 42.38 | 5376.7 | 105.8 | 2.0 | 355.6 | 405.9 | 17.9 | 9.3 | 0.0 | 31.3 | 32.0 | 1.0 |
| 139.52 | 42.53 | 10623.2 | 212.9 | 2.0 | 356.9 | 407.4 | 35.4 | 18.3 | 0.0 | 50.8 | 36.0 | 1.0 |
| 140.01 | 42.67 | 6882.9 | 162.0 | 2.4 | 358.1 | 408.8 | 27.5 | 14.2 | 407.7 | 38.3 | 32.0 | 6.0 |
| 140.50 | 42.83 | 6864.1 | 214.8 | 3.1 | 359.4 | 410.3 | 27.5 | 14.2 | 406.3 | 38.2 | 32.0 | 6.0 |
| 140.99 | 42.97 | 15852.2 | 361.4 | 2.3 | 360.6 | 411.8 | 52.8 | 27.2 | 0.0 | 62.1 | 38.0 | 1.0 |
| 141.48 | 43.12 | 17417.7 | 437.9 | 2.5 | 361.9 | 413.2 | 58.1 | 29.9 | 0.0 | 64.7 | 38.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3158
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-325
 Location: STRUCTURE 6
 Cone: 20 TON A 092
 CPT Date: 00/09/02
 CPT Time: 13:32
 CPT File: 300SC325.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 687.0 | 13.1 | 1.9 | 1.4 | 0.0 | 3.4 | 6.9 | 45.7 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 2427.3 | 50.0 | 2.1 | 4.1 | 0.0 | 9.7 | 19.4 | 161.6 | 72.6 | 50.0 | 10.0 |
| 1.23 | 0.38 | 1035.0 | 31.4 | 3.0 | 6.8 | 0.0 | 6.9 | 13.8 | 68.5 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 1080.3 | 32.2 | 3.0 | 9.4 | 0.0 | 7.2 | 14.4 | 71.4 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 951.2 | 24.1 | 2.5 | 12.1 | 0.0 | 4.8 | 9.5 | 62.6 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 825.4 | 25.9 | 3.1 | 14.8 | 0.0 | 5.5 | 11.0 | 54.0 | 0.0 | 0.0 | 6.0 |
| 3.20 | 0.97 | 311.8 | 8.7 | 2.8 | 17.5 | 0.0 | 3.1 | 6.2 | 19.6 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 229.1 | 2.6 | 1.1 | 18.5 | 1.0 | 1.1 | 2.3 | 14.0 | 0.0 | 0.0 | 3.0 |
| 4.02 | 1.22 | 245.7 | 2.2 | 0.9 | 18.8 | 2.2 | 1.2 | 2.5 | 15.0 | 0.0 | 0.0 | 3.0 |
| 4.51 | 1.38 | 295.0 | 2.0 | 0.7 | 19.2 | 3.7 | 1.5 | 3.0 | 18.1 | 0.0 | 0.0 | 3.0 |
| 5.00 | 1.53 | 305.2 | 2.0 | 0.7 | 19.6 | 5.2 | 1.5 | 3.1 | 18.7 | 0.0 | 0.0 | 3.0 |
| 5.50 | 1.67 | 511.0 | 12.7 | 2.5 | 20.4 | 6.6 | 5.1 | 10.2 | 32.3 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 676.7 | 14.8 | 2.2 | 21.6 | 8.1 | 4.5 | 9.0 | 43.1 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 514.1 | 3.7 | 0.7 | 22.5 | 9.8 | 2.6 | 5.1 | 32.1 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 520.5 | 5.4 | 1.0 | 22.9 | 11.5 | 2.6 | 5.2 | 32.4 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 223.7 | 2.0 | 0.9 | 23.3 | 13.0 | 1.1 | 2.2 | 12.5 | 0.0 | 0.0 | 3.0 |
| 8.12 | 2.47 | 234.1 | 2.0 | 0.9 | 23.7 | 14.5 | 1.2 | 2.3 | 13.1 | 0.0 | 0.0 | 3.0 |
| 8.61 | 2.62 | 287.2 | 2.7 | 0.9 | 24.1 | 15.9 | 1.4 | 2.9 | 16.5 | 0.0 | 0.0 | 3.0 |
| 9.10 | 2.78 | 483.8 | 6.1 | 1.3 | 24.5 | 17.4 | 2.4 | 4.8 | 29.5 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 759.4 | 13.2 | 1.7 | 25.4 | 18.9 | 3.8 | 7.4 | 47.7 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 531.7 | 6.0 | 1.1 | 26.2 | 20.4 | 2.7 | 5.1 | 32.3 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 369.4 | 2.4 | 0.6 | 26.6 | 21.8 | 1.8 | 3.5 | 21.4 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 894.2 | 15.0 | 1.7 | 27.4 | 23.3 | 4.5 | 8.4 | 56.2 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 520.1 | 5.9 | 1.1 | 28.2 | 24.8 | 2.6 | 4.8 | 31.1 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 429.2 | 2.4 | 0.6 | 28.6 | 26.2 | 2.1 | 3.9 | 25.0 | 0.0 | 0.0 | 3.0 |
| 12.55 | 3.83 | 508.9 | 4.6 | 0.9 | 29.0 | 27.7 | 2.5 | 4.6 | 30.1 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 5073.8 | 67.0 | 1.3 | 29.9 | 29.2 | 16.9 | 30.3 | 0.0 | 65.1 | 44.0 | 1.0 |
| 13.53 | 4.12 | 3360.2 | 82.2 | 2.4 | 31.1 | 30.7 | 13.4 | 23.6 | 219.9 | 52.7 | 42.0 | 10.0 |
| 14.03 | 4.27 | 639.7 | 9.2 | 1.4 | 32.4 | 32.1 | 3.2 | 5.5 | 38.3 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 603.4 | 5.9 | 1.0 | 33.2 | 33.6 | 3.0 | 5.1 | 35.8 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 5333.7 | 74.0 | 1.4 | 34.0 | 35.1 | 17.8 | 29.8 | 0.0 | 64.7 | 44.0 | 1.0 |
| 15.50 | 4.73 | 13266.0 | 78.1 | 0.6 | 35.4 | 36.5 | 26.5 | 43.6 | 0.0 | 90.3 | 48.0 | 1.0 |
| 15.99 | 4.88 | 7344.0 | 51.8 | 0.7 | 36.8 | 38.0 | 18.4 | 29.6 | 0.0 | 72.7 | 46.0 | 1.0 |
| 16.49 | 5.02 | 1021.3 | 39.2 | 3.8 | 38.1 | 39.5 | 10.2 | 16.2 | 62.9 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1685.4 | 30.5 | 1.8 | 39.3 | 41.0 | 6.7 | 10.5 | 107.0 | 30.0 | 38.0 | 6.0 |
| 17.47 | 5.32 | 7084.1 | 57.0 | 0.8 | 40.6 | 42.4 | 17.7 | 27.2 | 0.0 | 70.3 | 44.0 | 1.0 |
| 17.96 | 5.48 | 5876.1 | 56.6 | 1.0 | 42.0 | 43.9 | 14.7 | 22.2 | 0.0 | 64.5 | 44.0 | 1.0 |
| 18.45 | 5.62 | 921.0 | 23.0 | 2.5 | 43.3 | 45.4 | 4.6 | 6.9 | 55.5 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 693.3 | 3.6 | 0.5 | 44.1 | 46.8 | 3.5 | 5.1 | 40.2 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 1362.1 | 32.5 | 2.4 | 44.9 | 48.3 | 6.8 | 9.9 | 84.6 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 5652.1 | 110.7 | 2.0 | 46.2 | 49.8 | 18.8 | 27.1 | 0.0 | 62.0 | 42.0 | 1.0 |
| 20.42 | 6.23 | 7036.2 | 119.4 | 1.7 | 47.5 | 51.3 | 23.5 | 33.3 | 0.0 | 67.9 | 44.0 | 1.0 |
| 20.92 | 6.38 | 4891.9 | 131.0 | 2.7 | 48.7 | 52.7 | 19.6 | 27.4 | 319.4 | 57.1 | 42.0 | 10.0 |
| 21.41 | 6.52 | 817.0 | 25.6 | 3.1 | 50.0 | 54.2 | 5.4 | 7.5 | 47.5 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 1395.2 | 6.3 | 0.5 | 51.2 | 55.7 | 5.6 | 7.6 | 85.9 | 30.0 | 34.0 | 6.0 |
| 22.39 | 6.82 | 730.5 | 3.5 | 0.5 | 52.0 | 57.1 | 3.7 | 5.0 | 41.4 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 774.3 | 6.4 | 0.8 | 52.8 | 58.6 | 3.9 | 5.2 | 44.2 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 1009.1 | 11.6 | 1.1 | 54.1 | 60.1 | 5.0 | 6.7 | 59.7 | 0.0 | 0.0 | 6.0 |
| 23.87 | 7.27 | 657.9 | 3.1 | 0.5 | 54.9 | 61.6 | 3.3 | 4.3 | 36.1 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 725.6 | 4.3 | 0.6 | 55.3 | 63.0 | 3.6 | 4.8 | 40.5 | 0.0 | 0.0 | 3.0 |
| 24.85 | 7.57 | 1173.0 | 13.4 | 1.1 | 56.1 | 64.5 | 4.7 | 6.1 | 70.2 | 30.0 | 34.0 | 6.0 |
| 25.34 | 7.73 | 912.7 | 8.5 | 0.9 | 57.3 | 66.0 | 4.6 | 5.9 | 52.6 | 0.0 | 0.0 | 3.0 |
| 25.84 | 7.88 | 862.5 | 9.9 | 1.1 | 58.6 | 67.4 | 4.3 | 5.5 | 49.1 | 0.0 | 0.0 | 3.0 |
| 26.33 | 8.02 | 1747.7 | 20.6 | 1.2 | 59.8 | 68.9 | 7.0 | 8.8 | 107.9 | 30.0 | 36.0 | 6.0 |
| 26.82 | 8.18 | 2026.0 | 40.1 | 2.0 | 61.0 | 70.4 | 8.1 | 10.2 | 126.3 | 30.0 | 36.0 | 6.0 |
| 27.31 | 8.32 | 1143.6 | 11.3 | 1.0 | 62.2 | 71.9 | 4.6 | 5.7 | 67.3 | 30.0 | 32.0 | 6.0 |
| 27.80 | 8.48 | 1031.0 | 12.3 | 1.2 | 63.5 | 73.3 | 5.2 | 6.3 | 59.6 | 0.0 | 0.0 | 3.0 |
| 28.30 | 8.62 | 1854.1 | 15.8 | 0.9 | 64.7 | 74.8 | 7.4 | 9.0 | 114.3 | 30.0 | 36.0 | 6.0 |
| 28.79 | 8.77 | 881.9 | 6.1 | 0.7 | 65.9 | 76.3 | 3.5 | 4.3 | 49.3 | 30.0 | 30.0 | 3.0 |
| 29.28 | 8.93 | 883.5 | 8.1 | 0.9 | 67.2 | 77.7 | 4.4 | 5.3 | 49.2 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 808.3 | 6.7 | 0.8 | 68.4 | 79.2 | 4.0 | 4.8 | 44.0 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 912.0 | 8.7 | 1.0 | 69.6 | 80.7 | 4.6 | 5.3 | 50.8 | 0.0 | 0.0 | 3.0 |
| 30.76 | 9.38 | 881.8 | 10.0 | 1.1 | 70.8 | 82.2 | 4.4 | 5.1 | 48.6 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 1500.0 | 20.7 | 1.4 | 71.9 | 83.4 | 6.0 | 6.9 | 89.6 | 30.0 | 34.0 | 6.0 |
| 31.58 | 9.62 | 2125.3 | 23.0 | 1.1 | 72.9 | 84.6 | 8.5 | 9.7 | 131.2 | 30.0 | 36.0 | 6.0 |
| 32.07 | 9.77 | 2685.1 | 30.6 | 1.1 | 74.1 | 86.1 | 10.7 | 12.2 | 168.3 | 33.9 | 38.0 | 6.0 |
| 32.56 | 9.93 | 1438.1 | 23.6 | 1.6 | 75.3 | 87.6 | 5.8 | 6.5 | 85.0 | 30.0 | 32.0 | 6.0 |
| 33.05 | 10.07 | 980.5 | 5.9 | 0.6 | 76.6 | 89.0 | 3.9 | 4.4 | 54.3 | 30.0 | 30.0 | 3.0 |
| 33.55 | 10.23 | 889.4 | 4.7 | 0.5 | 77.8 | 90.5 | 3.6 | 3.9 | 48.1 | 30.0 | 30.0 | 3.0 |
| 34.04 | 10.38 | 975.3 | 3.2 | 0.3 | 79.0 | 92.0 | 3.9 | 4.3 | 53.6 | 30.0 | 30.0 | 3.0 |
| 34.53 | 10.52 | 830.6 | 3.3 | 0.4 | 80.3 | 93.4 | 3.3 | 3.6 | 43.8 | 30.0 | 30.0 | 3.0 |
| 35.02 | 10.68 | 789.9 | 3.9 | 0.5 | 81.5 | 94.9 | 3.2 | 3.4 | 40.9 | 30.0 | 30.0 | 3.0 |
| 35.51 | 10.82 | 1005.3 | 7.3 | 0.7 | 82.7 | 96.4 | 4.0 | 4.3 | 55.1 | 30.0 | 30.0 | 3.0 |
| 36.01 | 10.98 | 1308.4 | 10.8 | 0.8 | 83.9 | 97.9 | 5.2 | 5.6 | 75.1 | 30.0 | 32.0 | 3.0 |
| 36.50 | 11.12 | 994.4 | 10.0 | 1.0 | 85.2 | 99.3 | 4.0 | 4.2 | 54.0 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 937.2 | 9.5 | 1.0 | 86.4 | 100.8 | 4.7 | 4.9 | 50.0 | 0.0 | 0.0 | 3.0 |
| 37.48 | 11.43 | 1046.9 | 10.1 | 1.0 | 87.6 | 102.3 | 4.2 | 4.4 | 57.1 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 1365.9 | 8.2 | 0.6 | 88.9 | 103.7 | 5.5 | 5.7 | 78.2 | 30.0 | 32.0 | 3.0 |
| 38.47 | 11.73 | 1129.1 | 7.8 | 0.7 | 90.1 | 105.2 | 4.5 | 4.7 | 62.3 | 30.0 | 30.0 | 3.0 |
| 38.96 | 11.88 | 1118.5 | 10.6 | 0.9 | 91.3 | 106.7 | 4.5 | 4.6 | 61.4 | 30.0 | 30.0 | 3.0 |
| 39.45 | 12.02 | 1550.7 | 13.1 | 0.8 | 92.5 | 108.2 | 6.2 | 6.3 | 90.0 | 30.0 | 32.0 | 3.0 |
| 39.94 | 12.18 | 1133.5 | 13.8 | 1.2 | 93.8 | 109.6 | 4.5 | 4.6 | 62.0 | 30.0 | 30.0 | 3.0 |
| 40.44 | 12.32 | 1243.5 | 14.4 | 1.2 | 95.0 | 111.1 | 5.0 | 5.0 | 69.2 | 30.0 | 30.0 | 3.0 |
| 40.93 | 12.48 | 4933.7 | 44.3 | 0.9 | 96.3 | 112.6 | 16.4 | 16.4 | 0.0 | 47.6 | 38.0 | 1.0 |
| 41.42 | 12.62 | 3839.9 | 32.2 | 0.8 | 97.6 | 114.0 | 12.8 | 12.7 | 0.0 | 40.2 | 38.0 | 1.0 |
| 41.91 | 12.77 | 2137.5 | 24.7 | 1.2 | 98.8 | 115.5 | 8.6 | 8.4 | 128.2 | 30.0 | 34.0 | 6.0 |
| 42.40 | 12.93 | 1003.5 | 7.1 | 0.7 | 100.1 | 117.0 | 4.0 | 3.9 | 52.4 | 30.0 | 30.0 | 3.0 |
| 42.90 | 13.07 | 1012.1 | 4.9 | 0.5 | 101.3 | 118.5 | 4.0 | 3.9 | 52.8 | 30.0 | 30.0 | 3.0 |
| 43.39 | 13.23 | 1032.4 | 6.3 | 0.6 | 102.5 | 119.9 | 4.1 | 4.0 | 54.0 | 30.0 | 30.0 | 3.0 |
| 43.88 | 13.38 | 1023.3 | 7.7 | 0.7 | 103.8 | 121.4 | 4.1 | 3.9 | 53.2 | 30.0 | 30.0 | 3.0 |
| 44.37 | 13.52 | 1138.1 | 11.0 | 1.0 | 105.0 | 122.9 | 4.6 | 4.3 | 60.7 | 30.0 | 30.0 | 3.0 |
| 44.86 | 13.68 | 2008.8 | 19.5 | 1.0 | 106.2 | 124.3 | 8.0 | 7.6 | 118.6 | 30.0 | 32.0 | 6.0 |
| 45.36 | 13.82 | 1383.8 | 14.6 | 1.1 | 107.4 | 125.8 | 5.5 | 5.2 | 76.7 | 30.0 | 30.0 | 3.0 |
| 45.85 | 13.98 | 1166.4 | 20.1 | 1.7 | 108.7 | 127.3 | 5.8 | 5.5 | 62.0 | 0.0 | 0.0 | 3.0 |
| 46.34 | 14.12 | 1409.3 | 34.5 | 2.4 | 109.9 | 128.8 | 7.0 | 6.6 | 78.0 | 0.0 | 0.0 | 3.0 |
| 46.83 | 14.27 | 1289.6 | 15.1 | 1.2 | 111.1 | 130.2 | 5.2 | 4.8 | 69.9 | 30.0 | 30.0 | 3.0 |
| 47.33 | 14.43 | 1190.6 | 10.7 | 0.9 | 112.4 | 131.7 | 4.8 | 4.4 | 63.1 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1229.6 | 8.3 | 0.7 | 113.6 | 133.2 | 4.9 | 4.5 | 65.5 | 30.0 | 30.0 | 3.0 |
| 48.31 | 14.73 | 1493.0 | 17.8 | 1.2 | 114.8 | 134.6 | 6.0 | 5.5 | 82.9 | 30.0 | 30.0 | 3.0 |
| 48.80 | 14.88 | 1193.2 | 18.2 | 1.5 | 116.0 | 136.1 | 6.0 | 5.4 | 62.7 | 0.0 | 0.0 | 3.0 |
| 49.29 | 15.02 | 1065.5 | 12.7 | 1.2 | 117.3 | 137.6 | 5.3 | 4.8 | 54.0 | 0.0 | 0.0 | 1.5 |
| 49.79 | 15.18 | 1105.2 | 12.6 | 1.1 | 118.5 | 139.1 | 4.4 | 4.0 | 56.5 | 30.0 | 30.0 | 1.5 |
| 50.28 | 15.32 | 1006.4 | 9.7 | 1.0 | 119.7 | 140.5 | 4.0 | 3.6 | 49.7 | 30.0 | 30.0 | 1.5 |
| 50.77 | 15.48 | 976.1 | 10.7 | 1.1 | 121.0 | 142.0 | 4.9 | 4.3 | 47.5 | 0.0 | 0.0 | 1.5 |
| 51.26 | 15.62 | 1196.1 | 13.1 | 1.1 | 122.2 | 143.5 | 4.8 | 4.2 | 62.0 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1296.8 | 26.7 | 2.1 | 123.4 | 144.9 | 6.5 | 5.7 | 68.6 | 0.0 | 0.0 | 3.0 |
| 52.25 | 15.93 | 2373.3 | 20.3 | 0.9 | 124.7 | 146.4 | 7.9 | 6.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 52.74 | 16.08 | 1236.0 | 14.4 | 1.2 | 125.9 | 147.9 | 4.9 | 4.3 | 64.1 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 1050.3 | 13.4 | 1.3 | 127.2 | 149.4 | 5.3 | 4.6 | 51.6 | 0.0 | 0.0 | 1.5 |
| 53.72 | 16.38 | 1576.6 | 29.3 | 1.9 | 128.4 | 150.8 | 6.3 | 5.4 | 86.5 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 4297.2 | 54.1 | 1.3 | 129.7 | 152.3 | 14.3 | 12.3 | 0.0 | 39.3 | 36.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 3522.8 | 93.2 | 2.6 | 130.9 | 153.8 | 14.1 | 12.1 | 215.9 | 33.5 | 34.0 | 6.0 |
| 55.20 | 16.83 | 10957.4 | 85.8 | 0.8 | 132.2 | 155.2 | 27.4 | 23.3 | 0.0 | 65.9 | 42.0 | 1.0 |
| 55.69 | 16.97 | 14121.2 | 103.9 | 0.7 | 133.6 | 156.7 | 28.2 | 23.9 | 0.0 | 73.0 | 42.0 | 1.0 |
| 56.18 | 17.12 | 10942.0 | 112.2 | 1.0 | 135.1 | 158.2 | 27.4 | 23.0 | 0.0 | 65.5 | 42.0 | 1.0 |
| 56.68 | 17.28 | 12950.3 | 116.2 | 0.9 | 136.5 | 159.7 | 25.9 | 21.7 | 0.0 | 70.2 | 42.0 | 1.0 |
| 57.17 | 17.42 | 9088.2 | 196.7 | 2.2 | 137.9 | 161.1 | 30.3 | 25.3 | 0.0 | 59.9 | 40.0 | 1.0 |
| 57.66 | 17.58 | 4335.3 | 57.6 | 1.3 | 139.2 | 162.6 | 14.5 | 12.0 | 0.0 | 38.6 | 36.0 | 1.0 |
| 58.15 | 17.72 | 1487.7 | 7.5 | 0.5 | 140.4 | 164.1 | 6.0 | 4.9 | 78.9 | 30.0 | 30.0 | 3.0 |
| 58.64 | 17.88 | 1231.3 | 6.6 | 0.5 | 141.7 | 165.5 | 4.9 | 4.0 | 61.6 | 30.0 | 30.0 | 1.5 |
| 59.14 | 18.03 | 1722.6 | 20.9 | 1.2 | 142.9 | 167.0 | 6.9 | 5.6 | 94.2 | 30.0 | 30.0 | 3.0 |
| 59.63 | 18.17 | 2586.0 | 21.6 | 0.8 | 144.2 | 168.5 | 8.6 | 7.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 60.12 | 18.33 | 2310.9 | 50.6 | 2.2 | 145.4 | 170.0 | 9.2 | 7.5 | 133.0 | 30.0 | 32.0 | 3.0 |
| 60.61 | 18.47 | 5038.7 | 148.0 | 2.9 | 146.6 | 171.4 | 20.2 | 16.3 | 314.7 | 42.1 | 36.0 | 6.0 |
| 61.10 | 18.62 | 4461.4 | 109.6 | 2.5 | 147.9 | 172.9 | 17.8 | 14.4 | 276.0 | 38.5 | 36.0 | 6.0 |
| 61.60 | 18.78 | 4193.3 | 63.1 | 1.5 | 149.1 | 174.4 | 14.0 | 11.2 | 0.0 | 36.6 | 36.0 | 1.0 |
| 62.09 | 18.92 | 2004.5 | 30.2 | 1.5 | 150.4 | 175.8 | 8.0 | 6.4 | 111.9 | 30.0 | 30.0 | 3.0 |
| 62.58 | 19.08 | 2172.4 | 28.0 | 1.3 | 151.6 | 177.3 | 8.7 | 6.9 | 122.9 | 30.0 | 32.0 | 3.0 |
| 63.07 | 19.22 | 2165.2 | 24.7 | 1.1 | 152.9 | 178.8 | 8.7 | 6.9 | 122.2 | 30.0 | 30.0 | 3.0 |
| 63.57 | 19.38 | 2962.7 | 55.6 | 1.9 | 154.1 | 180.3 | 11.9 | 9.3 | 175.2 | 30.0 | 32.0 | 6.0 |
| 64.06 | 19.53 | 3549.6 | 112.3 | 3.2 | 155.3 | 181.7 | 17.7 | 13.9 | 214.2 | 0.0 | 0.0 | 6.0 |
| 64.55 | 19.67 | 5336.3 | 155.7 | 2.9 | 156.5 | 183.2 | 21.3 | 16.7 | 333.1 | 42.8 | 36.0 | 6.0 |
| 65.04 | 19.83 | 3199.2 | 117.6 | 3.7 | 157.8 | 184.7 | 16.0 | 12.5 | 190.4 | 0.0 | 0.0 | 6.0 |
| 65.53 | 19.97 | 2641.7 | 68.1 | 2.6 | 159.0 | 186.1 | 10.6 | 8.2 | 153.1 | 30.0 | 32.0 | 3.0 |
| 66.03 | 20.12 | 2010.5 | 54.3 | 2.7 | 160.2 | 187.6 | 10.1 | 7.8 | 110.8 | 0.0 | 0.0 | 3.0 |
| 66.52 | 20.28 | 2649.6 | 84.9 | 3.2 | 161.5 | 189.1 | 13.2 | 10.2 | 153.3 | 0.0 | 0.0 | 3.0 |
| 67.01 | 20.42 | 2771.2 | 55.6 | 2.0 | 162.7 | 190.6 | 11.1 | 8.5 | 161.2 | 30.0 | 32.0 | 3.0 |
| 67.50 | 20.58 | 1978.3 | 21.0 | 1.1 | 163.9 | 192.0 | 7.9 | 6.0 | 108.2 | 30.0 | 30.0 | 3.0 |
| 67.99 | 20.72 | 1724.8 | 14.0 | 0.8 | 165.1 | 193.5 | 6.9 | 5.3 | 91.1 | 30.0 | 30.0 | 3.0 |
| 68.49 | 20.88 | 1934.3 | 39.3 | 2.0 | 166.4 | 195.0 | 7.7 | 5.9 | 104.9 | 30.0 | 30.0 | 3.0 |
| 68.98 | 21.03 | 2172.6 | 96.0 | 4.4 | 167.6 | 196.4 | 21.7 | 16.4 | 120.6 | 0.0 | 0.0 | 3.0 |
| 69.47 | 21.17 | 1762.8 | 64.1 | 3.6 | 168.8 | 197.9 | 11.8 | 8.9 | 93.1 | 0.0 | 0.0 | 3.0 |
| 69.96 | 21.33 | 1602.6 | 45.9 | 2.9 | 170.0 | 199.4 | 8.0 | 6.0 | 82.2 | 0.0 | 0.0 | 1.5 |
| 70.46 | 21.47 | 1967.7 | 47.5 | 2.4 | 171.2 | 200.9 | 9.8 | 7.4 | 106.4 | 0.0 | 0.0 | 3.0 |
| 70.95 | 21.62 | 1648.8 | 21.3 | 1.3 | 172.4 | 202.3 | 6.6 | 4.9 | 84.9 | 30.0 | 30.0 | 1.5 |
| 71.44 | 21.78 | 1489.9 | 19.0 | 1.3 | 173.7 | 203.8 | 6.0 | 4.4 | 74.2 | 30.0 | 30.0 | 1.5 |
| 71.93 | 21.92 | 1413.3 | 13.7 | 1.0 | 174.9 | 205.3 | 5.7 | 4.2 | 68.9 | 30.0 | 30.0 | 1.5 |
| 72.42 | 22.08 | 1400.0 | 11.5 | 0.8 | 176.1 | 206.7 | 5.6 | 4.1 | 67.8 | 30.0 | 30.0 | 1.5 |
| 72.92 | 22.22 | 3239.7 | 26.9 | 0.8 | 177.4 | 208.2 | 10.8 | 7.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 73.41 | 22.38 | 2114.9 | 29.3 | 1.4 | 178.7 | 209.7 | 8.5 | 6.2 | 115.1 | 30.0 | 30.0 | 3.0 |
| 73.90 | 22.53 | 3022.4 | 75.6 | 2.5 | 179.9 | 211.2 | 12.1 | 8.8 | 175.4 | 30.0 | 32.0 | 3.0 |
| 74.39 | 22.67 | 7312.6 | 165.6 | 2.3 | 181.2 | 212.6 | 24.4 | 17.7 | 0.0 | 49.8 | 38.0 | 1.0 |
| 74.88 | 22.83 | 11653.4 | 173.2 | 1.5 | 182.5 | 214.1 | 29.1 | 21.1 | 0.0 | 63.0 | 40.0 | 1.0 |
| 75.38 | 22.97 | 13242.2 | 114.5 | 0.9 | 183.9 | 215.6 | 26.5 | 19.1 | 0.0 | 66.6 | 40.0 | 1.0 |
| 75.87 | 23.12 | 12405.7 | 130.9 | 1.1 | 185.3 | 217.0 | 31.0 | 22.3 | 0.0 | 64.6 | 40.0 | 1.0 |
| 76.36 | 23.28 | 13126.5 | 104.0 | 0.8 | 186.7 | 218.5 | 26.3 | 18.8 | 0.0 | 66.1 | 40.0 | 1.0 |
| 76.85 | 23.42 | 10803.0 | 172.5 | 1.6 | 188.2 | 220.0 | 27.0 | 19.3 | 0.0 | 60.4 | 40.0 | 1.0 |
| 77.34 | 23.58 | 10031.1 | 224.5 | 2.2 | 189.5 | 221.5 | 33.4 | 23.8 | 0.0 | 58.2 | 38.0 | 1.0 |
| 77.84 | 23.72 | 14590.8 | 248.8 | 1.7 | 190.8 | 222.9 | 36.5 | 25.8 | 0.0 | 68.8 | 40.0 | 1.0 |
| 78.33 | 23.88 | 22771.3 | 215.4 | 0.9 | 192.3 | 224.4 | 45.5 | 32.1 | 0.0 | 81.5 | 42.0 | 1.0 |
| 78.82 | 24.03 | 22837.9 | 176.9 | 0.8 | 193.7 | 225.9 | 45.7 | 32.1 | 0.0 | 81.5 | 42.0 | 1.0 |
| 79.31 | 24.17 | 24332.5 | 117.7 | 0.5 | 195.2 | 227.3 | 40.6 | 28.4 | 0.0 | 83.2 | 42.0 | 1.0 |
| 79.81 | 24.33 | 25234.6 | 94.4 | 0.4 | 196.7 | 228.8 | 42.1 | 29.3 | 0.0 | 84.1 | 44.0 | 1.0 |
| 80.30 | 24.47 | 27463.4 | 107.4 | 0.4 | 198.3 | 230.3 | 45.8 | 31.8 | 0.0 | 86.4 | 44.0 | 1.0 |
| 80.79 | 24.62 | 24506.7 | 120.4 | 0.5 | 199.8 | 231.8 | 40.8 | 28.3 | 0.0 | 83.0 | 42.0 | 1.0 |
| 81.28 | 24.78 | 22908.3 | 99.5 | 0.4 | 201.3 | 233.2 | 45.8 | 31.6 | 0.0 | 81.0 | 42.0 | 1.0 |
| 81.77 | 24.92 | 26159.1 | 97.6 | 0.4 | 202.8 | 234.7 | 43.6 | 30.0 | 0.0 | 84.7 | 44.0 | 1.0 |
| 82.27 | 25.08 | 29525.7 | 83.8 | 0.3 | 204.3 | 236.2 | 49.2 | 33.7 | 0.0 | 88.1 | 44.0 | 1.0 |
| 82.76 | 25.22 | 29567.6 | 84.2 | 0.3 | 205.8 | 237.6 | 49.3 | 33.6 | 0.0 | 88.0 | 44.0 | 1.0 |
| 83.25 | 25.38 | 28186.0 | 93.4 | 0.3 | 207.4 | 239.1 | 47.0 | 31.9 | 0.0 | 86.5 | 44.0 | 1.0 |
| 83.74 | 25.53 | 26441.8 | 74.2 | 0.3 | 208.9 | 240.6 | 44.1 | 29.8 | 0.0 | 84.6 | 44.0 | 1.0 |
| 84.23 | 25.67 | 26452.9 | 73.7 | 0.3 | 210.4 | 242.1 | 44.1 | 29.7 | 0.0 | 84.5 | 42.0 | 1.0 |
| 84.73 | 25.83 | 24055.5 | 120.2 | 0.5 | 211.9 | 243.5 | 40.1 | 27.0 | 0.0 | 81.7 | 42.0 | 1.0 |
| 85.22 | 25.97 | 25425.6 | 117.2 | 0.5 | 213.5 | 245.0 | 42.4 | 28.4 | 0.0 | 83.2 | 42.0 | 1.0 |
| 85.71 | 26.12 | 23899.2 | 121.1 | 0.5 | 215.0 | 246.5 | 47.8 | 31.9 | 0.0 | 81.3 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 24626.3 | 144.8 | 0.6 | 216.4 | 247.9 | 49.3 | 32.8 | 0.0 | 82.0 | 42.0 | 1.0 |
| 86.70 | 26.42 | 28865.8 | 114.2 | 0.4 | 217.9 | 249.4 | 48.1 | 31.9 | 0.0 | 86.5 | 44.0 | 1.0 |
| 87.19 | 26.58 | 31438.2 | 125.5 | 0.4 | 219.4 | 250.9 | 52.4 | 34.6 | 0.0 | 88.8 | 44.0 | 1.0 |
| 87.68 | 26.72 | 32680.2 | 106.4 | 0.3 | 221.0 | 252.4 | 54.5 | 35.9 | 0.0 | 89.9 | 44.0 | 1.0 |
| 88.17 | 26.88 | 28434.0 | 128.5 | 0.5 | 222.5 | 253.8 | 47.4 | 31.1 | 0.0 | 85.8 | 44.0 | 1.0 |
| 88.66 | 27.03 | 26230.6 | 166.3 | 0.6 | 224.0 | 255.3 | 52.5 | 34.3 | 0.0 | 83.4 | 42.0 | 1.0 |
| 89.16 | 27.17 | 27511.7 | 181.3 | 0.7 | 225.4 | 256.8 | 55.0 | 35.9 | 0.0 | 84.6 | 42.0 | 1.0 |
| 89.65 | 27.33 | 29749.4 | 133.0 | 0.4 | 226.9 | 258.2 | 49.6 | 32.2 | 0.0 | 86.8 | 44.0 | 1.0 |
| 90.14 | 27.47 | 30569.0 | 176.9 | 0.6 | 228.5 | 259.7 | 50.9 | 33.0 | 0.0 | 87.5 | 44.0 | 1.0 |
| 90.63 | 27.62 | 28900.9 | 132.9 | 0.5 | 230.0 | 261.2 | 48.2 | 31.1 | 0.0 | 85.8 | 42.0 | 1.0 |
| 91.12 | 27.78 | 26694.0 | 133.0 | 0.5 | 231.5 | 262.7 | 44.5 | 28.6 | 0.0 | 83.4 | 42.0 | 1.0 |
| 91.62 | 27.92 | 26855.5 | 74.5 | 0.3 | 233.0 | 264.1 | 44.8 | 28.7 | 0.0 | 83.5 | 42.0 | 1.0 |
| 92.11 | 28.08 | 13949.8 | 123.6 | 0.9 | 234.5 | 265.6 | 27.9 | 17.8 | 0.0 | 64.6 | 40.0 | 1.0 |
| 92.60 | 28.22 | 4040.9 | 73.2 | 1.8 | 235.9 | 267.1 | 13.5 | 8.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 93.09 | 28.38 | 3116.4 | 43.5 | 1.4 | 237.2 | 268.5 | 12.5 | 7.9 | 174.0 | 30.0 | 30.0 | 3.0 |
| 93.58 | 28.53 | 3467.5 | 35.7 | 1.0 | 238.4 | 270.0 | 11.6 | 7.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 94.08 | 28.67 | 2714.1 | 42.4 | 1.6 | 239.7 | 271.5 | 10.9 | 6.9 | 146.9 | 30.0 | 30.0 | 3.0 |
| 94.57 | 28.83 | 3331.1 | 36.7 | 1.1 | 241.0 | 273.0 | 11.1 | 7.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 95.06 | 28.97 | 2868.3 | 36.0 | 1.3 | 242.2 | 274.4 | 11.5 | 7.2 | 156.8 | 30.0 | 30.0 | 3.0 |
| 95.55 | 29.12 | 3157.1 | 36.7 | 1.2 | 243.5 | 275.9 | 10.5 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 96.05 | 29.28 | 3520.8 | 45.7 | 1.3 | 244.8 | 277.4 | 11.7 | 7.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 96.54 | 29.42 | 3531.7 | 53.6 | 1.5 | 246.1 | 278.8 | 11.8 | 7.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 97.03 | 29.58 | 5094.6 | 54.4 | 1.1 | 247.4 | 280.3 | 17.0 | 10.6 | 0.0 | 35.0 | 32.0 | 1.0 |
| 97.52 | 29.72 | 3214.0 | 88.4 | 2.8 | 248.7 | 281.8 | 12.9 | 8.0 | 178.9 | 30.0 | 30.0 | 3.0 |
| 98.01 | 29.88 | 8214.6 | 165.6 | 2.0 | 249.9 | 283.3 | 27.4 | 17.0 | 0.0 | 48.5 | 36.0 | 1.0 |
| 98.51 | 30.03 | 10531.0 | 156.6 | 1.5 | 251.3 | 284.7 | 26.3 | 16.3 | 0.0 | 55.6 | 38.0 | 1.0 |
| 99.00 | 30.17 | 6569.8 | 158.9 | 2.4 | 252.6 | 286.2 | 26.3 | 16.2 | 402.1 | 42.0 | 34.0 | 6.0 |
| 99.49 | 30.33 | 5129.8 | 109.3 | 2.1 | 253.8 | 287.7 | 20.5 | 12.6 | 305.9 | 34.8 | 32.0 | 6.0 |
| 99.98 | 30.47 | 3374.8 | 81.5 | 2.4 | 255.1 | 289.1 | 13.5 | 8.3 | 188.7 | 30.0 | 30.0 | 3.0 |
| 100.47 | 30.62 | 3305.2 | 46.4 | 1.4 | 256.3 | 290.6 | 11.0 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 100.97 | 30.78 | 3037.2 | 88.5 | 2.9 | 257.6 | 292.1 | 15.2 | 9.3 | 165.8 | 0.0 | 0.0 | 3.0 |
| 101.46 | 30.92 | 3651.9 | 121.1 | 3.3 | 258.8 | 293.6 | 18.3 | 11.1 | 206.6 | 0.0 | 0.0 | 3.0 |
| 101.95 | 31.08 | 2872.1 | 52.6 | 1.8 | 260.0 | 295.0 | 11.5 | 7.0 | 154.5 | 30.0 | 30.0 | 3.0 |
| 102.44 | 31.22 | 2554.1 | 38.9 | 1.5 | 261.3 | 296.5 | 10.2 | 6.2 | 133.1 | 30.0 | 30.0 | 3.0 |
| 102.94 | 31.38 | 2776.2 | 59.9 | 2.2 | 262.5 | 298.0 | 11.1 | 6.7 | 147.7 | 30.0 | 30.0 | 3.0 |
| 103.43 | 31.53 | 2693.0 | 77.8 | 2.9 | 263.7 | 299.5 | 13.5 | 8.1 | 142.0 | 0.0 | 0.0 | 3.0 |
| 103.92 | 31.67 | 2565.8 | 47.6 | 1.9 | 265.0 | 300.9 | 10.3 | 6.2 | 133.3 | 30.0 | 30.0 | 3.0 |
| 104.41 | 31.83 | 2808.7 | 73.7 | 2.6 | 266.2 | 302.4 | 11.2 | 6.7 | 149.3 | 30.0 | 30.0 | 3.0 |
| 104.90 | 31.97 | 2631.0 | 56.1 | 2.1 | 267.4 | 303.9 | 10.5 | 6.3 | 137.3 | 30.0 | 30.0 | 3.0 |
| 105.40 | 32.12 | 3725.9 | 86.6 | 2.3 | 268.6 | 305.3 | 14.9 | 8.9 | 210.1 | 30.0 | 30.0 | 3.0 |
| 105.89 | 32.28 | 8803.7 | 193.7 | 2.2 | 269.9 | 306.8 | 29.3 | 17.5 | 0.0 | 49.4 | 36.0 | 1.0 |
| 106.38 | 32.42 | 12856.2 | 331.9 | 2.6 | 271.2 | 308.3 | 42.9 | 25.5 | 0.0 | 60.2 | 38.0 | 1.0 |
| 106.87 | 32.58 | 18116.4 | 184.8 | 1.0 | 272.6 | 309.8 | 36.2 | 21.5 | 0.0 | 69.9 | 40.0 | 1.0 |
| 107.36 | 32.72 | 16548.0 | 164.9 | 1.0 | 274.0 | 311.2 | 33.1 | 19.6 | 0.0 | 67.3 | 40.0 | 1.0 |
| 107.86 | 32.88 | 16349.3 | 185.4 | 1.1 | 275.5 | 312.7 | 40.9 | 24.1 | 0.0 | 66.8 | 40.0 | 1.0 |
| 108.35 | 33.03 | 17855.1 | 221.0 | 1.2 | 276.8 | 314.2 | 44.6 | 26.3 | 0.0 | 69.3 | 40.0 | 1.0 |
| 108.84 | 33.17 | 20116.8 | 286.2 | 1.4 | 278.2 | 315.6 | 50.3 | 29.5 | 0.0 | 72.6 | 40.0 | 1.0 |
| 109.33 | 33.33 | 25147.4 | 229.3 | 0.9 | 279.6 | 317.1 | 50.3 | 29.4 | 0.0 | 79.0 | 42.0 | 1.0 |
| 109.82 | 33.47 | 24168.0 | 230.8 | 1.0 | 281.1 | 318.6 | 48.3 | 28.2 | 0.0 | 77.8 | 42.0 | 1.0 |
| 110.32 | 33.62 | 27644.4 | 244.0 | 0.9 | 282.5 | 320.1 | 55.3 | 32.2 | 0.0 | 81.5 | 42.0 | 1.0 |
| 110.81 | 33.78 | 27801.2 | 210.1 | 0.8 | 284.0 | 321.5 | 55.6 | 32.3 | 0.0 | 81.6 | 42.0 | 1.0 |
| 111.30 | 33.92 | 27425.5 | 210.3 | 0.8 | 285.4 | 323.0 | 54.9 | 31.8 | 0.0 | 81.2 | 42.0 | 1.0 |
| 111.79 | 34.08 | 26500.7 | 224.9 | 0.8 | 286.9 | 324.5 | 53.0 | 30.6 | 0.0 | 80.1 | 42.0 | 1.0 |
| 112.29 | 34.22 | 29720.0 | 207.2 | 0.7 | 288.4 | 325.9 | 59.4 | 34.3 | 0.0 | 83.3 | 42.0 | 1.0 |
| 112.78 | 34.38 | 28670.0 | 132.9 | 0.5 | 289.8 | 327.4 | 47.8 | 27.5 | 0.0 | 82.2 | 42.0 | 1.0 |
| 113.27 | 34.53 | 13808.4 | 273.7 | 2.0 | 291.3 | 328.9 | 46.0 | 26.4 | 0.0 | 61.2 | 38.0 | 1.0 |
| 113.76 | 34.67 | 17891.1 | 266.4 | 1.5 | 292.6 | 330.4 | 44.7 | 25.6 | 0.0 | 68.6 | 40.0 | 1.0 |
| 114.25 | 34.83 | 30205.1 | 173.9 | 0.6 | 294.1 | 331.8 | 50.3 | 28.7 | 0.0 | 83.5 | 42.0 | 1.0 |
| 114.75 | 34.97 | 31713.1 | 224.3 | 0.7 | 295.5 | 333.3 | 63.4 | 36.1 | 0.0 | 84.8 | 42.0 | 1.0 |
| 115.24 | 35.12 | 30325.3 | 242.7 | 0.8 | 297.0 | 334.8 | 60.7 | 34.4 | 0.0 | 83.5 | 42.0 | 1.0 |
| 115.73 | 35.28 | 22863.2 | 215.7 | 0.9 | 298.4 | 336.2 | 45.7 | 25.9 | 0.0 | 75.3 | 40.0 | 1.0 |
| 116.22 | 35.42 | 20961.0 | 318.2 | 1.5 | 299.9 | 337.7 | 52.4 | 29.6 | 0.0 | 72.7 | 40.0 | 1.0 |
| 116.71 | 35.58 | 16585.8 | 321.4 | 1.9 | 301.2 | 339.2 | 55.3 | 31.2 | 0.0 | 66.0 | 40.0 | 1.0 |
| 117.21 | 35.72 | 14722.5 | 316.3 | 2.1 | 302.5 | 340.7 | 49.1 | 27.6 | 0.0 | 62.5 | 38.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 20237.1 | 321.6 | 1.6 | 303.9 | 342.1 | 50.6 | 28.4 | 0.0 | 71.6 | 40.0 | 1.0 |
| 118.19 | 36.03 | 20805.2 | 424.1 | 2.0 | 305.2 | 343.6 | 52.0 | 29.1 | 0.0 | 72.3 | 40.0 | 1.0 |
| 118.68 | 36.17 | 21513.9 | 256.5 | 1.2 | 306.6 | 345.1 | 43.0 | 24.0 | 0.0 | 73.2 | 40.0 | 1.0 |
| 119.18 | 36.33 | 13766.0 | 344.8 | 2.5 | 308.0 | 346.5 | 45.9 | 25.6 | 0.0 | 60.3 | 38.0 | 1.0 |
| 119.67 | 36.47 | 7294.0 | 163.0 | 2.2 | 309.3 | 348.0 | 24.3 | 13.5 | 0.0 | 42.0 | 34.0 | 1.0 |
| 120.16 | 36.62 | 5521.5 | 102.9 | 1.9 | 310.6 | 349.5 | 18.4 | 10.2 | 0.0 | 34.0 | 32.0 | 1.0 |
| 120.65 | 36.78 | 17887.1 | 191.6 | 1.1 | 312.0 | 351.0 | 35.8 | 19.8 | 0.0 | 67.6 | 40.0 | 1.0 |
| 121.14 | 36.92 | 18427.6 | 207.1 | 1.1 | 313.5 | 352.4 | 36.9 | 20.4 | 0.0 | 68.4 | 40.0 | 1.0 |
| 121.64 | 37.08 | 12648.7 | 261.7 | 2.1 | 314.8 | 353.9 | 42.2 | 23.3 | 0.0 | 57.6 | 38.0 | 1.0 |
| 122.21 | 37.25 | 12286.4 | 349.0 | 2.8 | 316.3 | 355.6 | 49.1 | 27.0 | 774.3 | 56.7 | 38.0 | 6.0 |
| 122.78 | 37.42 | 18794.0 | 310.1 | 1.6 | 317.8 | 357.3 | 47.0 | 25.8 | 0.0 | 68.8 | 40.0 | 1.0 |
| 123.28 | 37.58 | 20970.9 | 202.8 | 1.0 | 319.2 | 358.8 | 41.9 | 23.0 | 0.0 | 71.9 | 40.0 | 1.0 |
| 123.77 | 37.72 | 16722.0 | 277.4 | 1.7 | 320.7 | 360.3 | 41.8 | 22.8 | 0.0 | 65.3 | 38.0 | 1.0 |
| 124.26 | 37.88 | 18226.2 | 297.1 | 1.6 | 322.0 | 361.7 | 45.6 | 24.9 | 0.0 | 67.7 | 40.0 | 1.0 |
| 124.75 | 38.03 | 20173.4 | 284.1 | 1.4 | 323.4 | 363.2 | 50.4 | 27.4 | 0.0 | 70.6 | 40.0 | 1.0 |
| 125.24 | 38.17 | 23992.1 | 369.6 | 1.5 | 324.8 | 364.7 | 60.0 | 32.6 | 0.0 | 75.5 | 40.0 | 1.0 |
| 125.74 | 38.33 | 21992.0 | 286.6 | 1.3 | 326.2 | 366.2 | 55.0 | 29.8 | 0.0 | 72.9 | 40.0 | 1.0 |
| 126.23 | 38.47 | 19130.6 | 271.2 | 1.4 | 327.5 | 367.6 | 47.8 | 25.9 | 0.0 | 68.9 | 40.0 | 1.0 |
| 126.72 | 38.62 | 17718.6 | 376.0 | 2.1 | 328.9 | 369.1 | 59.1 | 31.9 | 0.0 | 66.6 | 40.0 | 1.0 |
| 127.21 | 38.78 | 24650.0 | 314.8 | 1.3 | 330.2 | 370.6 | 61.6 | 33.2 | 0.0 | 76.0 | 40.0 | 1.0 |
| 127.71 | 38.92 | 25170.1 | 285.4 | 1.1 | 331.6 | 372.0 | 50.3 | 27.1 | 0.0 | 76.6 | 40.0 | 1.0 |
| 128.20 | 39.08 | 27299.5 | 380.0 | 1.4 | 333.1 | 373.5 | 68.2 | 36.6 | 0.0 | 78.8 | 42.0 | 1.0 |
| 128.69 | 39.22 | 23169.5 | 255.9 | 1.1 | 334.5 | 375.0 | 46.3 | 24.8 | 0.0 | 74.1 | 40.0 | 1.0 |
| 129.18 | 39.38 | 8573.6 | 145.7 | 1.7 | 335.9 | 376.5 | 28.6 | 15.3 | 0.0 | 45.5 | 34.0 | 1.0 |
| 129.67 | 39.53 | 6798.7 | 114.0 | 1.7 | 337.2 | 377.9 | 22.7 | 12.1 | 0.0 | 38.8 | 32.0 | 1.0 |
| 130.17 | 39.67 | 6159.3 | 157.5 | 2.6 | 338.4 | 379.4 | 24.6 | 13.1 | 362.8 | 35.9 | 32.0 | 6.0 |
| 130.66 | 39.83 | 3854.8 | 69.4 | 1.8 | 339.7 | 380.9 | 15.4 | 8.2 | 209.0 | 30.0 | 30.0 | 3.0 |
| 131.15 | 39.97 | 3966.4 | 47.9 | 1.2 | 340.9 | 382.3 | 13.2 | 7.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 131.64 | 40.12 | 4570.7 | 40.2 | 0.9 | 342.2 | 383.8 | 15.2 | 8.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 132.13 | 40.28 | 4121.6 | 62.2 | 1.5 | 343.5 | 385.3 | 13.7 | 7.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 132.63 | 40.42 | 4617.2 | 72.5 | 1.6 | 344.8 | 386.8 | 15.4 | 8.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 133.12 | 40.58 | 3097.6 | 37.8 | 1.2 | 346.1 | 388.2 | 10.3 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 133.61 | 40.72 | 3522.2 | 59.5 | 1.7 | 347.4 | 389.7 | 14.1 | 7.4 | 185.7 | 30.0 | 30.0 | 3.0 |
| 134.10 | 40.88 | 4373.2 | 87.1 | 2.0 | 348.6 | 391.2 | 17.5 | 9.2 | 242.2 | 30.0 | 30.0 | 3.0 |
| 134.59 | 41.03 | 4823.2 | 141.2 | 2.9 | 349.9 | 392.6 | 19.3 | 10.1 | 272.0 | 30.0 | 30.0 | 3.0 |
| 135.09 | 41.17 | 16422.7 | 229.3 | 1.4 | 351.2 | 394.1 | 41.1 | 21.4 | 0.0 | 63.5 | 38.0 | 1.0 |
| 135.58 | 41.33 | 29614.3 | 393.0 | 1.3 | 352.6 | 395.6 | 59.2 | 30.9 | 0.0 | 80.3 | 42.0 | 1.0 |
| 136.07 | 41.47 | 33177.2 | 492.9 | 1.5 | 354.0 | 397.1 | 82.9 | 43.1 | 0.0 | 83.5 | 42.0 | 1.0 |
| 136.56 | 41.62 | 32256.9 | 447.4 | 1.4 | 355.4 | 398.5 | 64.5 | 33.5 | 0.0 | 82.7 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3207
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-326
 Location: STRUCTURE 6
 Cone: 20 TON A 070
 CPT Date: 00/05/03
 CPT Time: 08:37
 CPT File: 300SC326.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 632.9 | 14.1 | 2.2 | 1.4 | 0.0 | 4.2 | 8.4 | 42.1 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 4147.3 | 20.7 | 0.5 | 4.1 | 0.0 | 13.8 | 27.6 | 0.0 | 87.9 | 50.0 | 1.0 |
| 1.23 | 0.38 | 13609.4 | 46.1 | 0.3 | 6.9 | 0.0 | 27.2 | 54.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.72 | 0.52 | 16246.2 | 104.9 | 0.6 | 9.9 | 0.0 | 32.5 | 65.0 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.21 | 0.68 | 9175.6 | 123.8 | 1.3 | 12.8 | 0.0 | 22.9 | 45.9 | 0.0 | 94.3 | 50.0 | 1.0 |
| 2.71 | 0.82 | 8104.6 | 78.8 | 1.0 | 15.6 | 0.0 | 20.3 | 40.5 | 0.0 | 87.9 | 48.0 | 1.0 |
| 3.20 | 0.97 | 6607.2 | 171.3 | 2.6 | 18.4 | 0.0 | 26.4 | 52.9 | 439.3 | 79.7 | 48.0 | 10.0 |
| 3.61 | 1.10 | 6528.2 | 119.9 | 1.8 | 19.7 | 1.0 | 21.8 | 43.5 | 0.0 | 78.4 | 48.0 | 1.0 |
| 4.02 | 1.22 | 3141.7 | 116.6 | 3.7 | 20.7 | 2.2 | 15.7 | 31.4 | 207.9 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 2156.1 | 63.4 | 2.9 | 21.9 | 3.7 | 10.8 | 21.6 | 142.0 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 2672.0 | 60.7 | 2.3 | 23.2 | 5.2 | 10.7 | 21.4 | 176.2 | 50.4 | 42.0 | 10.0 |
| 5.50 | 1.67 | 1630.9 | 53.6 | 3.3 | 24.4 | 6.6 | 10.9 | 21.5 | 106.7 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 1281.8 | 55.3 | 4.3 | 25.6 | 8.1 | 12.8 | 24.8 | 83.2 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 1092.0 | 30.2 | 2.8 | 27.0 | 9.8 | 5.5 | 10.3 | 70.3 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 1103.6 | 27.0 | 2.4 | 28.4 | 11.5 | 5.5 | 10.1 | 70.9 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 926.9 | 17.9 | 1.9 | 29.7 | 13.0 | 4.6 | 8.3 | 59.0 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 775.0 | 14.0 | 1.8 | 30.9 | 14.5 | 3.9 | 6.8 | 48.6 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 618.6 | 11.4 | 1.8 | 32.1 | 15.9 | 4.1 | 7.1 | 38.0 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 606.5 | 12.1 | 2.0 | 33.3 | 17.4 | 4.0 | 6.9 | 37.0 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 542.8 | 7.8 | 1.4 | 34.6 | 18.9 | 2.7 | 4.5 | 32.6 | 0.0 | 0.0 | 3.0 |
| 10.09 | 3.08 | 407.8 | 5.3 | 1.3 | 35.4 | 20.4 | 2.0 | 3.4 | 23.5 | 0.0 | 0.0 | 3.0 |
| 10.58 | 3.22 | 588.4 | 7.5 | 1.3 | 36.2 | 21.8 | 2.9 | 4.8 | 35.4 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 501.3 | 6.6 | 1.3 | 37.0 | 23.3 | 2.5 | 4.0 | 29.4 | 0.0 | 0.0 | 3.0 |
| 11.56 | 3.53 | 1057.3 | 9.4 | 0.9 | 37.8 | 24.8 | 4.2 | 6.7 | 66.3 | 30.0 | 36.0 | 6.0 |
| 12.06 | 3.67 | 617.7 | 14.8 | 2.4 | 39.1 | 26.2 | 4.1 | 6.4 | 36.8 | 0.0 | 0.0 | 3.0 |
| 12.55 | 3.83 | 462.7 | 5.2 | 1.1 | 39.9 | 27.7 | 2.3 | 3.6 | 26.3 | 0.0 | 0.0 | 3.0 |
| 13.04 | 3.98 | 426.5 | 3.0 | 0.7 | 40.3 | 29.2 | 2.1 | 3.3 | 23.8 | 0.0 | 0.0 | 3.0 |
| 13.53 | 4.12 | 472.7 | 7.5 | 1.6 | 41.1 | 30.7 | 3.2 | 4.8 | 26.7 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 574.1 | 5.9 | 1.0 | 41.9 | 32.1 | 2.9 | 4.3 | 33.3 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 1001.0 | 13.7 | 1.4 | 42.7 | 33.6 | 5.0 | 7.5 | 61.6 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 785.6 | 8.6 | 1.1 | 44.0 | 35.1 | 3.9 | 5.8 | 47.1 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 565.5 | 2.7 | 0.5 | 44.8 | 36.5 | 2.8 | 4.1 | 32.3 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 873.6 | 10.3 | 1.2 | 45.6 | 38.0 | 4.4 | 6.3 | 52.7 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 648.0 | 6.0 | 0.9 | 46.8 | 39.5 | 3.2 | 4.6 | 37.4 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 588.1 | 2.4 | 0.4 | 47.6 | 41.0 | 2.9 | 4.2 | 33.3 | 0.0 | 0.0 | 3.0 |
| 17.47 | 5.32 | 648.4 | 3.6 | 0.6 | 48.0 | 42.4 | 3.2 | 4.6 | 37.2 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 3811.8 | 34.4 | 0.9 | 48.9 | 43.9 | 12.7 | 17.8 | 0.0 | 49.9 | 40.0 | 1.0 |
| 18.45 | 5.62 | 4198.8 | 68.5 | 1.6 | 50.2 | 45.4 | 14.0 | 19.3 | 0.0 | 52.3 | 42.0 | 1.0 |
| 18.95 | 5.77 | 782.6 | 14.2 | 1.8 | 51.5 | 46.8 | 3.9 | 5.3 | 45.6 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 757.5 | 7.1 | 0.9 | 52.7 | 48.3 | 3.8 | 5.1 | 43.8 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 5229.4 | 46.1 | 0.9 | 54.0 | 49.8 | 17.4 | 23.2 | 0.0 | 57.5 | 42.0 | 1.0 |
| 20.42 | 6.23 | 16693.4 | 127.4 | 0.8 | 55.3 | 51.3 | 33.4 | 43.9 | 0.0 | 90.4 | 46.0 | 1.0 |
| 20.92 | 6.38 | 8964.6 | 110.3 | 1.2 | 56.7 | 52.7 | 22.4 | 29.1 | 0.0 | 72.3 | 44.0 | 1.0 |
| 21.41 | 6.52 | 1269.9 | 55.3 | 4.4 | 58.0 | 54.2 | 12.7 | 16.3 | 77.2 | 0.0 | 0.0 | 6.0 |
| 21.90 | 6.68 | 1160.2 | 9.3 | 0.8 | 59.2 | 55.7 | 4.6 | 5.9 | 69.7 | 30.0 | 32.0 | 6.0 |
| 22.39 | 6.82 | 6503.1 | 46.6 | 0.7 | 60.5 | 57.1 | 16.3 | 20.5 | 0.0 | 62.1 | 42.0 | 1.0 |
| 22.88 | 6.98 | 7502.3 | 77.5 | 1.0 | 61.9 | 58.6 | 18.8 | 23.3 | 0.0 | 65.9 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 1013.3 | 25.1 | 2.5 | 63.2 | 60.1 | 5.1 | 6.2 | 59.3 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 788.0 | 2.8 | 0.4 | 64.0 | 61.6 | 3.9 | 4.8 | 44.2 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 1345.1 | 18.1 | 1.3 | 64.8 | 63.0 | 5.4 | 6.5 | 81.1 | 30.0 | 32.0 | 6.0 |
| 24.85 | 7.57 | 3844.8 | 39.6 | 1.0 | 66.1 | 64.5 | 12.8 | 15.4 | 0.0 | 45.8 | 40.0 | 1.0 |
| 25.34 | 7.73 | 13238.1 | 78.6 | 0.6 | 67.5 | 66.0 | 26.5 | 31.5 | 0.0 | 81.0 | 44.0 | 1.0 |
| 25.84 | 7.88 | 3129.2 | 97.4 | 3.1 | 68.8 | 67.4 | 15.6 | 18.5 | 199.5 | 0.0 | 0.0 | 6.0 |
| 26.33 | 8.02 | 802.9 | 13.3 | 1.7 | 70.0 | 68.9 | 4.0 | 4.7 | 44.3 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 2023.9 | 21.5 | 1.1 | 71.3 | 70.4 | 8.1 | 9.4 | 125.5 | 30.0 | 36.0 | 6.0 |
| 27.31 | 8.32 | 827.1 | 7.8 | 0.9 | 72.5 | 71.9 | 4.1 | 4.8 | 45.5 | 0.0 | 0.0 | 3.0 |
| 27.80 | 8.48 | 1054.7 | 6.7 | 0.6 | 73.7 | 73.3 | 4.2 | 4.8 | 60.5 | 30.0 | 32.0 | 3.0 |
| 28.30 | 8.62 | 1015.9 | 11.4 | 1.1 | 74.9 | 74.8 | 5.1 | 5.7 | 57.7 | 0.0 | 0.0 | 3.0 |
| 28.79 | 8.77 | 730.0 | 4.7 | 0.6 | 75.8 | 76.3 | 3.6 | 4.1 | 38.5 | 0.0 | 0.0 | 3.0 |
| 29.28 | 8.93 | 762.1 | 3.7 | 0.5 | 76.2 | 77.7 | 3.8 | 4.3 | 40.5 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 2885.7 | 17.4 | 0.6 | 77.0 | 79.2 | 9.6 | 10.7 | 0.0 | 35.4 | 38.0 | 1.0 |
| 30.27 | 9.23 | 1354.6 | 23.9 | 1.8 | 78.3 | 80.7 | 6.8 | 7.5 | 79.7 | 0.0 | 0.0 | 6.0 |
| 30.76 | 9.38 | 1296.8 | 8.0 | 0.6 | 79.5 | 82.2 | 5.2 | 5.7 | 75.7 | 30.0 | 32.0 | 3.0 |
| 31.17 | 9.50 | 2026.2 | 12.2 | 0.6 | 80.6 | 83.4 | 6.8 | 7.4 | 0.0 | 30.0 | 34.0 | 1.0 |
| 31.58 | 9.62 | 1608.9 | 14.5 | 0.9 | 81.6 | 84.6 | 6.4 | 7.0 | 96.2 | 30.0 | 32.0 | 6.0 |
| 32.07 | 9.77 | 1100.6 | 7.9 | 0.7 | 82.8 | 86.1 | 4.4 | 4.7 | 62.1 | 30.0 | 30.0 | 3.0 |
| 32.56 | 9.93 | 1065.0 | 6.1 | 0.6 | 84.1 | 87.6 | 4.3 | 4.5 | 59.6 | 30.0 | 30.0 | 3.0 |
| 33.05 | 10.07 | 1160.2 | 3.9 | 0.3 | 85.3 | 89.0 | 4.6 | 4.9 | 65.7 | 30.0 | 30.0 | 3.0 |
| 33.55 | 10.23 | 997.6 | 7.1 | 0.7 | 86.5 | 90.5 | 4.0 | 4.2 | 54.7 | 30.0 | 30.0 | 3.0 |
| 34.04 | 10.38 | 1253.9 | 27.2 | 2.2 | 87.8 | 92.0 | 6.3 | 6.6 | 71.6 | 0.0 | 0.0 | 3.0 |
| 34.53 | 10.52 | 1065.8 | 11.0 | 1.0 | 89.0 | 93.4 | 4.3 | 4.4 | 58.9 | 30.0 | 30.0 | 3.0 |
| 35.02 | 10.68 | 1563.6 | 11.0 | 0.7 | 90.2 | 94.9 | 6.3 | 6.4 | 91.9 | 30.0 | 32.0 | 6.0 |
| 35.51 | 10.82 | 1107.2 | 11.2 | 1.0 | 91.4 | 96.4 | 4.4 | 4.5 | 61.3 | 30.0 | 30.0 | 3.0 |
| 36.01 | 10.98 | 1230.3 | 7.1 | 0.6 | 92.7 | 97.9 | 4.9 | 5.0 | 69.3 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 3727.3 | 23.8 | 0.6 | 93.9 | 99.3 | 12.4 | 12.5 | 0.0 | 39.9 | 38.0 | 1.0 |
| 36.99 | 11.27 | 7653.1 | 63.9 | 0.8 | 95.3 | 100.8 | 19.1 | 19.2 | 0.0 | 60.3 | 42.0 | 1.0 |
| 37.48 | 11.43 | 7761.0 | 74.2 | 1.0 | 96.7 | 102.3 | 19.4 | 19.3 | 0.0 | 60.5 | 42.0 | 1.0 |
| 37.98 | 11.57 | 2900.9 | 45.3 | 1.6 | 98.0 | 103.7 | 11.6 | 11.5 | 179.9 | 32.1 | 36.0 | 6.0 |
| 38.47 | 11.73 | 1209.8 | 14.4 | 1.2 | 99.2 | 105.2 | 4.8 | 4.8 | 67.0 | 30.0 | 30.0 | 3.0 |
| 38.96 | 11.88 | 1462.4 | 11.7 | 0.8 | 100.4 | 106.7 | 5.8 | 5.7 | 83.7 | 30.0 | 32.0 | 3.0 |
| 39.45 | 12.02 | 1240.4 | 9.9 | 0.8 | 101.6 | 108.2 | 5.0 | 4.8 | 68.7 | 30.0 | 30.0 | 3.0 |
| 39.94 | 12.18 | 1001.9 | 6.2 | 0.6 | 102.9 | 109.6 | 4.0 | 3.9 | 52.6 | 30.0 | 30.0 | 3.0 |
| 40.44 | 12.32 | 1358.4 | 7.1 | 0.5 | 104.1 | 111.1 | 5.4 | 5.2 | 76.2 | 30.0 | 30.0 | 3.0 |
| 40.93 | 12.48 | 1256.8 | 7.0 | 0.6 | 105.3 | 112.6 | 5.0 | 4.8 | 69.3 | 30.0 | 30.0 | 3.0 |
| 41.42 | 12.62 | 1095.6 | 10.6 | 1.0 | 106.6 | 114.0 | 4.4 | 4.2 | 58.3 | 30.0 | 30.0 | 3.0 |
| 41.91 | 12.77 | 1121.4 | 12.5 | 1.1 | 107.8 | 115.5 | 4.5 | 4.2 | 59.9 | 30.0 | 30.0 | 3.0 |
| 42.40 | 12.93 | 1115.0 | 13.2 | 1.2 | 109.0 | 117.0 | 4.5 | 4.2 | 59.3 | 30.0 | 30.0 | 3.0 |
| 42.90 | 13.07 | 2041.3 | 14.8 | 0.7 | 110.2 | 118.5 | 8.2 | 7.6 | 120.8 | 30.0 | 32.0 | 6.0 |
| 43.39 | 13.23 | 3660.1 | 29.6 | 0.8 | 111.5 | 119.9 | 12.2 | 11.3 | 0.0 | 36.9 | 36.0 | 1.0 |
| 43.88 | 13.38 | 5565.4 | 55.4 | 1.0 | 112.8 | 121.4 | 18.6 | 17.1 | 0.0 | 48.8 | 38.0 | 1.0 |
| 44.37 | 13.52 | 2186.7 | 41.9 | 1.9 | 114.1 | 122.9 | 8.7 | 8.0 | 130.0 | 30.0 | 32.0 | 6.0 |
| 44.86 | 13.68 | 1217.4 | 11.2 | 0.9 | 115.3 | 124.3 | 4.9 | 4.4 | 65.2 | 30.0 | 30.0 | 3.0 |
| 45.36 | 13.82 | 1307.1 | 12.6 | 1.0 | 116.5 | 125.8 | 5.2 | 4.7 | 71.0 | 30.0 | 30.0 | 3.0 |
| 45.85 | 13.98 | 3026.5 | 28.9 | 1.0 | 117.8 | 127.3 | 10.1 | 9.1 | 0.0 | 30.7 | 34.0 | 1.0 |
| 46.34 | 14.12 | 4750.0 | 63.1 | 1.3 | 119.1 | 128.8 | 15.8 | 14.2 | 0.0 | 43.4 | 38.0 | 1.0 |
| 46.83 | 14.27 | 2018.2 | 31.1 | 1.5 | 120.4 | 130.2 | 8.1 | 7.2 | 117.8 | 30.0 | 32.0 | 3.0 |
| 47.33 | 14.43 | 1303.8 | 15.8 | 1.2 | 121.6 | 131.7 | 5.2 | 4.6 | 70.0 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1175.0 | 9.9 | 0.8 | 122.8 | 133.2 | 4.7 | 4.2 | 61.3 | 30.0 | 30.0 | 1.5 |
| 48.31 | 14.73 | 1464.5 | 12.4 | 0.8 | 124.1 | 134.6 | 5.9 | 5.1 | 80.4 | 30.0 | 30.0 | 3.0 |
| 48.80 | 14.88 | 1516.1 | 13.5 | 0.9 | 125.3 | 136.1 | 6.1 | 5.3 | 83.6 | 30.0 | 30.0 | 3.0 |
| 49.29 | 15.02 | 1754.8 | 11.0 | 0.6 | 126.5 | 137.6 | 7.0 | 6.1 | 99.4 | 30.0 | 30.0 | 3.0 |
| 49.79 | 15.18 | 1993.2 | 19.4 | 1.0 | 127.7 | 139.1 | 8.0 | 6.9 | 115.1 | 30.0 | 32.0 | 3.0 |
| 50.28 | 15.32 | 1968.4 | 16.8 | 0.9 | 129.0 | 140.5 | 7.9 | 6.8 | 113.3 | 30.0 | 32.0 | 3.0 |
| 50.77 | 15.48 | 1467.8 | 17.7 | 1.2 | 130.2 | 142.0 | 5.9 | 5.0 | 79.7 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 1334.8 | 17.1 | 1.3 | 131.4 | 143.5 | 5.3 | 4.6 | 70.7 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1370.5 | 9.6 | 0.7 | 132.7 | 144.9 | 5.5 | 4.7 | 72.9 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1509.0 | 10.6 | 0.7 | 133.9 | 146.4 | 6.0 | 5.1 | 81.9 | 30.0 | 30.0 | 3.0 |
| 52.74 | 16.08 | 2353.8 | 18.7 | 0.8 | 135.2 | 147.9 | 7.8 | 6.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 53.23 | 16.22 | 2793.0 | 20.7 | 0.7 | 136.5 | 149.4 | 9.3 | 7.8 | 0.0 | 30.0 | 32.0 | 1.0 |
| 53.72 | 16.38 | 1503.1 | 14.2 | 0.9 | 137.7 | 150.8 | 6.0 | 5.0 | 81.0 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 1427.4 | 13.3 | 0.9 | 138.9 | 152.3 | 5.7 | 4.7 | 75.7 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 1399.1 | 14.4 | 1.0 | 140.2 | 153.8 | 5.6 | 4.6 | 73.7 | 30.0 | 30.0 | 3.0 |
| 55.20 | 16.83 | 1742.3 | 14.7 | 0.8 | 141.4 | 155.2 | 7.0 | 5.7 | 96.4 | 30.0 | 30.0 | 3.0 |
| 55.69 | 16.97 | 1455.9 | 11.9 | 0.8 | 142.6 | 156.7 | 5.8 | 4.8 | 77.1 | 30.0 | 30.0 | 3.0 |
| 56.18 | 17.12 | 1375.1 | 10.9 | 0.8 | 143.9 | 158.2 | 5.5 | 4.5 | 71.5 | 30.0 | 30.0 | 1.5 |
| 56.68 | 17.28 | 1400.2 | 14.2 | 1.0 | 145.1 | 159.7 | 5.6 | 4.6 | 73.0 | 30.0 | 30.0 | 3.0 |
| 57.17 | 17.42 | 1684.8 | 23.9 | 1.4 | 146.3 | 161.1 | 6.7 | 5.5 | 91.8 | 30.0 | 30.0 | 3.0 |
| 57.66 | 17.58 | 1738.0 | 14.4 | 0.8 | 147.5 | 162.6 | 7.0 | 5.6 | 95.2 | 30.0 | 30.0 | 3.0 |
| 58.15 | 17.72 | 1078.4 | 12.3 | 1.1 | 148.8 | 164.1 | 4.3 | 3.5 | 51.0 | 30.0 | 30.0 | 1.5 |
| 58.64 | 17.88 | 1290.6 | 18.1 | 1.4 | 150.0 | 165.5 | 5.2 | 4.1 | 65.0 | 30.0 | 30.0 | 1.5 |
| 59.14 | 18.03 | 3268.1 | 48.9 | 1.5 | 151.2 | 167.0 | 13.1 | 10.4 | 196.7 | 30.0 | 34.0 | 6.0 |
| 59.63 | 18.17 | 4469.0 | 80.2 | 1.8 | 152.5 | 168.5 | 14.9 | 11.8 | 0.0 | 38.1 | 36.0 | 1.0 |
| 60.12 | 18.33 | 3910.7 | 70.7 | 1.8 | 153.8 | 170.0 | 15.6 | 12.3 | 239.1 | 34.2 | 34.0 | 6.0 |
| 60.61 | 18.47 | 5238.4 | 62.4 | 1.2 | 155.0 | 171.4 | 17.5 | 13.7 | 0.0 | 42.5 | 36.0 | 1.0 |
| 61.10 | 18.62 | 4352.0 | 85.4 | 2.0 | 156.3 | 172.9 | 17.4 | 13.6 | 268.2 | 37.0 | 36.0 | 6.0 |
| 61.60 | 18.78 | 10489.7 | 83.2 | 0.8 | 157.6 | 174.4 | 26.2 | 20.4 | 0.0 | 62.1 | 40.0 | 1.0 |
| 62.09 | 18.92 | 5702.0 | 135.3 | 2.4 | 158.9 | 175.8 | 22.8 | 17.7 | 357.8 | 44.5 | 38.0 | 6.0 |
| 62.58 | 19.08 | 3796.9 | 83.6 | 2.2 | 160.1 | 177.3 | 15.2 | 11.7 | 230.6 | 32.8 | 34.0 | 6.0 |
| 63.07 | 19.22 | 2646.7 | 40.9 | 1.5 | 161.4 | 178.8 | 10.6 | 8.2 | 153.8 | 30.0 | 32.0 | 3.0 |
| 63.57 | 19.38 | 1589.8 | 16.0 | 1.0 | 162.6 | 180.3 | 6.4 | 4.9 | 83.1 | 30.0 | 30.0 | 3.0 |
| 64.06 | 19.53 | 1530.1 | 23.7 | 1.5 | 163.8 | 181.7 | 6.1 | 4.7 | 79.0 | 30.0 | 30.0 | 1.5 |
| 64.55 | 19.67 | 2153.4 | 35.1 | 1.6 | 165.0 | 183.2 | 8.6 | 6.6 | 120.3 | 30.0 | 30.0 | 3.0 |
| 65.04 | 19.83 | 3938.0 | 56.9 | 1.4 | 166.3 | 184.7 | 13.1 | 10.0 | 0.0 | 33.3 | 34.0 | 1.0 |
| 65.53 | 19.97 | 2523.0 | 35.0 | 1.4 | 167.6 | 186.1 | 10.1 | 7.6 | 144.6 | 30.0 | 32.0 | 3.0 |
| 66.03 | 20.12 | 2670.3 | 37.7 | 1.4 | 168.8 | 187.6 | 10.7 | 8.0 | 154.3 | 30.0 | 32.0 | 3.0 |
| 66.52 | 20.28 | 2481.3 | 40.4 | 1.6 | 170.0 | 189.1 | 9.9 | 7.4 | 141.5 | 30.0 | 32.0 | 3.0 |
| 67.01 | 20.42 | 2810.7 | 53.2 | 1.9 | 171.3 | 190.6 | 11.2 | 8.4 | 163.3 | 30.0 | 32.0 | 3.0 |
| 67.50 | 20.58 | 2083.5 | 30.2 | 1.5 | 172.5 | 192.0 | 8.3 | 6.2 | 114.6 | 30.0 | 30.0 | 3.0 |
| 67.99 | 20.72 | 2047.5 | 30.3 | 1.5 | 173.7 | 193.5 | 8.2 | 6.1 | 112.0 | 30.0 | 30.0 | 3.0 |
| 68.49 | 20.88 | 2622.3 | 36.8 | 1.4 | 175.0 | 195.0 | 10.5 | 7.8 | 150.2 | 30.0 | 32.0 | 3.0 |
| 68.98 | 21.03 | 3494.9 | 81.9 | 2.3 | 176.2 | 196.4 | 14.0 | 10.3 | 208.2 | 30.0 | 32.0 | 6.0 |
| 69.47 | 21.17 | 3226.7 | 73.4 | 2.3 | 177.4 | 197.9 | 12.9 | 9.5 | 190.1 | 30.0 | 32.0 | 6.0 |
| 69.96 | 21.33 | 3825.9 | 80.5 | 2.1 | 178.6 | 199.4 | 15.3 | 11.2 | 229.9 | 31.4 | 34.0 | 6.0 |
| 70.46 | 21.47 | 2767.3 | 56.7 | 2.0 | 179.9 | 200.9 | 11.1 | 8.1 | 159.1 | 30.0 | 32.0 | 3.0 |
| 70.95 | 21.62 | 2219.9 | 34.7 | 1.6 | 181.1 | 202.3 | 8.9 | 6.5 | 122.4 | 30.0 | 30.0 | 3.0 |
| 71.44 | 21.78 | 2427.2 | 38.5 | 1.6 | 182.3 | 203.8 | 9.7 | 7.0 | 136.1 | 30.0 | 30.0 | 3.0 |
| 71.93 | 21.92 | 3285.6 | 65.6 | 2.0 | 183.6 | 205.3 | 13.1 | 9.5 | 193.1 | 30.0 | 32.0 | 6.0 |
| 72.42 | 22.08 | 4059.8 | 97.3 | 2.4 | 184.8 | 206.7 | 16.2 | 11.7 | 244.6 | 32.6 | 34.0 | 6.0 |
| 72.92 | 22.22 | 2642.7 | 56.6 | 2.1 | 186.0 | 208.2 | 10.6 | 7.6 | 149.9 | 30.0 | 30.0 | 3.0 |
| 73.41 | 22.38 | 1741.1 | 26.7 | 1.5 | 187.2 | 209.7 | 7.0 | 5.0 | 89.6 | 30.0 | 30.0 | 1.5 |
| 73.90 | 22.53 | 1977.6 | 33.9 | 1.7 | 188.5 | 211.2 | 7.9 | 5.6 | 105.2 | 30.0 | 30.0 | 3.0 |
| 74.39 | 22.67 | 2659.0 | 64.4 | 2.4 | 189.7 | 212.6 | 10.6 | 7.6 | 150.4 | 30.0 | 30.0 | 3.0 |
| 74.88 | 22.83 | 2247.8 | 65.5 | 2.9 | 190.9 | 214.1 | 11.2 | 8.0 | 122.9 | 0.0 | 0.0 | 3.0 |
| 75.38 | 22.97 | 1841.4 | 44.1 | 2.4 | 192.1 | 215.6 | 9.2 | 6.5 | 95.6 | 0.0 | 0.0 | 1.5 |
| 75.87 | 23.12 | 1613.5 | 28.9 | 1.8 | 193.4 | 217.0 | 6.5 | 4.5 | 80.2 | 30.0 | 30.0 | 1.5 |
| 76.36 | 23.28 | 2233.2 | 33.8 | 1.5 | 194.6 | 218.5 | 8.9 | 6.3 | 121.3 | 30.0 | 30.0 | 3.0 |
| 76.85 | 23.42 | 1667.0 | 19.0 | 1.1 | 195.8 | 220.0 | 6.7 | 4.7 | 83.4 | 30.0 | 30.0 | 1.5 |
| 77.34 | 23.58 | 1534.4 | 19.6 | 1.3 | 197.1 | 221.5 | 6.1 | 4.3 | 74.4 | 30.0 | 30.0 | 1.5 |
| 77.84 | 23.72 | 1446.3 | 16.4 | 1.1 | 198.3 | 222.9 | 5.8 | 4.0 | 68.3 | 30.0 | 30.0 | 1.5 |
| 78.33 | 23.88 | 1591.9 | 16.5 | 1.0 | 199.5 | 224.4 | 6.4 | 4.4 | 77.9 | 30.0 | 30.0 | 1.5 |
| 78.82 | 24.03 | 3634.3 | 34.8 | 1.0 | 200.8 | 225.9 | 12.1 | 8.4 | 0.0 | 30.0 | 32.0 | 1.0 |
| 79.31 | 24.17 | 1913.1 | 23.5 | 1.2 | 202.1 | 227.3 | 7.7 | 5.3 | 98.9 | 30.0 | 30.0 | 1.5 |
| 79.81 | 24.33 | 2991.4 | 44.2 | 1.5 | 203.3 | 228.8 | 12.0 | 8.2 | 170.6 | 30.0 | 32.0 | 3.0 |
| 80.30 | 24.47 | 5596.9 | 114.3 | 2.0 | 204.5 | 230.3 | 18.7 | 12.8 | 0.0 | 40.4 | 34.0 | 1.0 |
| 80.79 | 24.62 | 9688.1 | 165.9 | 1.7 | 205.9 | 231.8 | 32.3 | 22.0 | 0.0 | 56.0 | 38.0 | 1.0 |
| 81.28 | 24.78 | 17445.5 | 194.6 | 1.1 | 207.2 | 233.2 | 34.9 | 23.7 | 0.0 | 72.8 | 42.0 | 1.0 |
| 81.77 | 24.92 | 18978.0 | 203.9 | 1.1 | 208.7 | 234.7 | 38.0 | 25.7 | 0.0 | 75.1 | 42.0 | 1.0 |
| 82.27 | 25.08 | 17874.5 | 237.3 | 1.3 | 210.1 | 236.2 | 44.7 | 30.2 | 0.0 | 73.3 | 42.0 | 1.0 |
| 82.76 | 25.22 | 21808.7 | 205.6 | 0.9 | 211.5 | 237.6 | 43.6 | 29.4 | 0.0 | 78.9 | 42.0 | 1.0 |
| 83.25 | 25.38 | 22099.2 | 209.8 | 0.9 | 213.0 | 239.1 | 44.2 | 29.6 | 0.0 | 79.2 | 42.0 | 1.0 |
| 83.74 | 25.53 | 23589.9 | 179.4 | 0.8 | 214.4 | 240.6 | 47.2 | 31.5 | 0.0 | 80.9 | 42.0 | 1.0 |
| 84.23 | 25.67 | 28016.6 | 136.2 | 0.5 | 215.9 | 242.1 | 46.7 | 31.1 | 0.0 | 85.8 | 44.0 | 1.0 |
| 84.73 | 25.83 | 27771.8 | 111.0 | 0.4 | 217.4 | 243.5 | 46.3 | 30.7 | 0.0 | 85.4 | 44.0 | 1.0 |
| 85.22 | 25.97 | 14309.0 | 303.5 | 2.1 | 218.9 | 245.0 | 47.7 | 31.6 | 0.0 | 66.3 | 40.0 | 1.0 |
| 85.71 | 26.12 | 19122.9 | 315.7 | 1.7 | 220.2 | 246.5 | 47.8 | 31.5 | 0.0 | 74.5 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 23291.9 | 173.9 | 0.7 | 309.1 | 342.1 | 46.6 | 25.9 | 0.0 | 75.3 | 40.0 | 1.0 |
| 118.19 | 36.03 | 26684.7 | 161.1 | 0.6 | 310.5 | 343.6 | 53.4 | 29.6 | 0.0 | 79.2 | 42.0 | 1.0 |
| 118.68 | 36.17 | 24068.8 | 139.4 | 0.6 | 312.0 | 345.1 | 48.1 | 26.7 | 0.0 | 76.1 | 40.0 | 1.0 |
| 119.18 | 36.33 | 25517.8 | 186.6 | 0.7 | 313.4 | 346.5 | 51.0 | 28.2 | 0.0 | 77.8 | 42.0 | 1.0 |
| 119.67 | 36.47 | 20940.9 | 138.6 | 0.7 | 314.9 | 348.0 | 41.9 | 23.1 | 0.0 | 72.0 | 40.0 | 1.0 |
| 120.16 | 36.62 | 7219.3 | 192.9 | 2.7 | 316.2 | 349.5 | 28.9 | 15.9 | 436.9 | 41.4 | 34.0 | 6.0 |
| 120.65 | 36.78 | 11523.6 | 213.4 | 1.9 | 317.5 | 351.0 | 38.4 | 21.1 | 0.0 | 54.8 | 38.0 | 1.0 |
| 121.14 | 36.92 | 16614.8 | 193.6 | 1.2 | 318.8 | 352.4 | 41.5 | 22.8 | 0.0 | 65.2 | 38.0 | 1.0 |
| 121.64 | 37.08 | 13757.3 | 274.1 | 2.0 | 320.2 | 353.9 | 45.9 | 25.1 | 0.0 | 59.7 | 38.0 | 1.0 |
| 122.21 | 37.25 | 11481.6 | 194.7 | 1.7 | 321.7 | 355.6 | 38.3 | 20.9 | 0.0 | 54.5 | 36.0 | 1.0 |
| 122.78 | 37.42 | 7109.3 | 146.7 | 2.1 | 323.2 | 357.3 | 23.7 | 12.9 | 0.0 | 40.7 | 34.0 | 1.0 |
| 123.28 | 37.58 | 5527.2 | 93.1 | 1.7 | 324.5 | 358.8 | 18.4 | 10.0 | 0.0 | 33.4 | 32.0 | 1.0 |
| 123.77 | 37.72 | 5421.0 | 114.3 | 2.1 | 325.8 | 360.3 | 21.7 | 11.8 | 315.7 | 32.8 | 32.0 | 3.0 |
| 124.26 | 37.88 | 8863.1 | 165.6 | 1.9 | 327.1 | 361.7 | 29.5 | 16.0 | 0.0 | 46.8 | 34.0 | 1.0 |
| 124.75 | 38.03 | 9567.0 | 150.6 | 1.6 | 328.4 | 363.2 | 31.9 | 17.2 | 0.0 | 49.0 | 36.0 | 1.0 |
| 125.24 | 38.17 | 8296.1 | 117.8 | 1.4 | 329.7 | 364.7 | 20.7 | 11.2 | 0.0 | 44.8 | 34.0 | 1.0 |
| 125.74 | 38.33 | 6054.4 | 117.0 | 1.9 | 331.1 | 366.2 | 20.2 | 10.9 | 0.0 | 35.7 | 32.0 | 1.0 |
| 126.23 | 38.47 | 8042.6 | 214.5 | 2.7 | 332.3 | 367.6 | 32.2 | 17.3 | 489.5 | 43.8 | 34.0 | 6.0 |
| 126.72 | 38.62 | 15386.5 | 262.3 | 1.7 | 333.6 | 369.1 | 38.5 | 20.6 | 0.0 | 62.4 | 38.0 | 1.0 |
| 127.21 | 38.78 | 16611.2 | 201.4 | 1.2 | 335.0 | 370.6 | 41.5 | 22.2 | 0.0 | 64.5 | 38.0 | 1.0 |
| 127.71 | 38.92 | 10220.7 | 268.9 | 2.6 | 336.3 | 372.0 | 34.1 | 18.2 | 0.0 | 50.5 | 36.0 | 1.0 |
| 128.20 | 39.08 | 17118.7 | 280.5 | 1.6 | 337.7 | 373.5 | 42.8 | 22.8 | 0.0 | 65.2 | 38.0 | 1.0 |
| 128.69 | 39.22 | 17891.7 | 276.0 | 1.5 | 339.1 | 375.0 | 44.7 | 23.8 | 0.0 | 66.5 | 38.0 | 1.0 |
| 129.18 | 39.38 | 14626.8 | 170.3 | 1.2 | 340.4 | 376.5 | 36.6 | 19.4 | 0.0 | 60.6 | 38.0 | 1.0 |
| 129.67 | 39.53 | 6147.2 | 130.7 | 2.1 | 341.8 | 377.9 | 20.5 | 10.8 | 0.0 | 35.7 | 32.0 | 1.0 |
| 130.17 | 39.67 | 7212.9 | 175.0 | 2.4 | 343.0 | 379.4 | 28.9 | 15.2 | 432.7 | 40.2 | 34.0 | 6.0 |
| 130.66 | 39.83 | 13655.5 | 271.1 | 2.0 | 344.3 | 380.9 | 45.5 | 24.0 | 0.0 | 58.5 | 38.0 | 1.0 |
| 131.15 | 39.97 | 20593.7 | 300.6 | 1.5 | 345.7 | 382.3 | 51.5 | 27.1 | 0.0 | 70.2 | 40.0 | 1.0 |
| 131.64 | 40.12 | 18382.6 | 345.2 | 1.9 | 347.0 | 383.8 | 46.0 | 24.1 | 0.0 | 66.9 | 38.0 | 1.0 |
| 132.13 | 40.28 | 23043.1 | 297.8 | 1.3 | 348.4 | 385.3 | 57.6 | 30.2 | 0.0 | 73.3 | 40.0 | 1.0 |
| 132.63 | 40.42 | 21799.6 | 161.2 | 0.7 | 349.8 | 386.8 | 43.6 | 22.8 | 0.0 | 71.7 | 40.0 | 1.0 |
| 133.12 | 40.58 | 18319.5 | 263.3 | 1.4 | 351.2 | 388.2 | 45.8 | 23.9 | 0.0 | 66.6 | 38.0 | 1.0 |
| 133.61 | 40.72 | 18295.6 | 254.7 | 1.4 | 352.6 | 389.7 | 45.7 | 23.8 | 0.0 | 66.5 | 38.0 | 1.0 |
| 134.10 | 40.88 | 21729.0 | 331.7 | 1.5 | 354.0 | 391.2 | 54.3 | 28.3 | 0.0 | 71.4 | 40.0 | 1.0 |
| 134.59 | 41.03 | 29189.5 | 253.2 | 0.9 | 355.4 | 392.6 | 58.4 | 30.3 | 0.0 | 79.8 | 42.0 | 1.0 |
| 135.09 | 41.17 | 32245.5 | 241.3 | 0.7 | 356.9 | 394.1 | 64.5 | 33.4 | 0.0 | 82.6 | 42.0 | 1.0 |
| 135.58 | 41.33 | 35008.7 | 264.7 | 0.8 | 358.3 | 395.6 | 70.0 | 36.2 | 0.0 | 84.9 | 42.0 | 1.0 |
| 136.07 | 41.47 | 33061.5 | 239.7 | 0.7 | 359.8 | 397.1 | 66.1 | 34.1 | 0.0 | 83.2 | 42.0 | 1.0 |
| 136.56 | 41.62 | 24940.5 | 218.0 | 0.9 | 361.2 | 398.5 | 49.9 | 25.7 | 0.0 | 75.1 | 40.0 | 1.0 |
| 137.06 | 41.78 | 25832.3 | 221.4 | 0.9 | 362.7 | 400.0 | 51.7 | 26.6 | 0.0 | 76.0 | 40.0 | 1.0 |
| 137.55 | 41.92 | 25116.9 | 227.8 | 0.9 | 364.1 | 401.5 | 50.2 | 25.8 | 0.0 | 75.2 | 40.0 | 1.0 |
| 138.04 | 42.08 | 9960.9 | 317.0 | 3.2 | 365.5 | 402.9 | 39.8 | 20.4 | 612.8 | 48.6 | 34.0 | 6.0 |
| 138.53 | 42.22 | 29789.3 | 424.8 | 1.4 | 366.8 | 404.4 | 74.5 | 38.1 | 0.0 | 79.9 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3262
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-329
 Location: STRUCTURE 6
 Cone: 20 TON A 092
 CPT Date: 00/02/02
 CPT Time: 13:55
 CPT File: 300SC329.COR

 Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 0.25 | 0.08 | 854.9 | 24.8 | 2.9 | 1.4 | 0.0 | 5.7 | 11.4 | 56.9 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1390.1 | 44.5 | 3.2 | 4.1 | 0.0 | 9.3 | 18.5 | 92.4 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 2884.2 | 88.8 | 3.1 | 6.8 | 0.0 | 14.4 | 28.8 | 191.8 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 3381.4 | 214.1 | 6.3 | 9.4 | 0.0 | 33.8 | 67.6 | 224.8 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 5475.1 | 292.4 | 5.3 | 12.3 | 0.0 | 54.8 | 109.5 | 0.0 | 80.1 | 48.0 | 1.0 |
| 2.71 | 0.82 | 6541.8 | 109.5 | 1.7 | 15.2 | 0.0 | 21.8 | 43.6 | 0.0 | 82.1 | 48.0 | 1.0 |
| 3.20 | 0.97 | 5192.9 | 114.9 | 2.2 | 17.9 | 0.0 | 20.8 | 41.5 | 345.0 | 73.1 | 46.0 | 10.0 |
| 3.61 | 1.10 | 3059.9 | 127.2 | 4.2 | 19.2 | 1.0 | 20.4 | 40.8 | 202.6 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 2230.8 | 82.6 | 3.7 | 20.2 | 2.2 | 14.9 | 29.7 | 147.2 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1667.1 | 67.6 | 4.1 | 21.4 | 3.7 | 16.7 | 33.3 | 109.5 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 1313.5 | 36.2 | 2.8 | 22.6 | 5.2 | 6.6 | 13.1 | 85.7 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 998.3 | 31.4 | 3.1 | 23.8 | 6.6 | 6.7 | 13.3 | 64.5 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 711.8 | 14.3 | 2.0 | 25.1 | 8.1 | 3.6 | 7.0 | 45.2 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 562.8 | 9.3 | 1.7 | 26.5 | 9.8 | 3.8 | 7.1 | 35.1 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 453.4 | 5.2 | 1.2 | 27.5 | 11.5 | 2.3 | 4.2 | 27.6 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 335.6 | 3.8 | 1.1 | 27.9 | 13.0 | 1.7 | 3.1 | 19.6 | 0.0 | 0.0 | 3.0 |
| 8.12 | 2.47 | 297.0 | 2.3 | 0.8 | 28.3 | 14.5 | 1.5 | 2.7 | 16.9 | 0.0 | 0.0 | 3.0 |
| 8.61 | 2.62 | 410.9 | 3.1 | 0.8 | 28.7 | 15.9 | 2.1 | 3.8 | 24.4 | 0.0 | 0.0 | 3.0 |
| 9.10 | 2.78 | 323.5 | 2.9 | 0.9 | 29.1 | 17.4 | 1.6 | 2.9 | 18.5 | 0.0 | 0.0 | 3.0 |
| 9.60 | 2.92 | 1680.8 | 20.5 | 1.2 | 29.9 | 18.9 | 6.7 | 12.0 | 108.8 | 33.4 | 40.0 | 6.0 |
| 10.09 | 3.08 | 870.7 | 23.8 | 2.7 | 31.2 | 20.4 | 5.8 | 10.2 | 54.6 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 415.3 | 2.0 | 0.5 | 32.0 | 21.8 | 2.1 | 3.6 | 24.1 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 350.4 | 2.0 | 0.6 | 32.4 | 23.3 | 1.8 | 3.0 | 19.6 | 0.0 | 0.0 | 3.0 |
| 11.56 | 3.53 | 413.7 | 2.0 | 0.5 | 32.8 | 24.8 | 2.1 | 3.5 | 23.7 | 0.0 | 0.0 | 3.0 |
| 12.06 | 3.67 | 473.8 | 3.5 | 0.7 | 33.2 | 26.2 | 2.4 | 4.0 | 27.6 | 0.0 | 0.0 | 3.0 |
| 12.55 | 3.83 | 772.1 | 8.8 | 1.1 | 34.0 | 27.7 | 3.9 | 6.5 | 47.4 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 692.9 | 8.8 | 1.3 | 35.2 | 29.2 | 3.5 | 5.7 | 41.9 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 414.5 | 2.0 | 0.5 | 36.1 | 30.7 | 2.1 | 3.4 | 23.2 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 659.1 | 7.3 | 1.1 | 36.9 | 32.1 | 3.3 | 5.3 | 39.3 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 610.4 | 7.9 | 1.3 | 38.1 | 33.6 | 3.1 | 4.8 | 35.9 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 498.8 | 2.6 | 0.5 | 38.9 | 35.1 | 2.5 | 3.9 | 28.3 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 570.8 | 3.0 | 0.5 | 39.3 | 36.5 | 2.9 | 4.5 | 33.0 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 1736.6 | 33.0 | 1.9 | 40.1 | 38.0 | 6.9 | 10.7 | 110.6 | 30.2 | 38.0 | 6.0 |
| 16.49 | 5.02 | 5571.1 | 69.6 | 1.2 | 41.4 | 39.5 | 18.6 | 28.2 | 0.0 | 63.1 | 44.0 | 1.0 |
| 16.98 | 5.18 | 773.1 | 20.0 | 2.6 | 42.7 | 41.0 | 5.2 | 7.7 | 46.0 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 507.2 | 2.1 | 0.4 | 43.5 | 42.4 | 2.5 | 3.8 | 28.1 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 2931.2 | 41.4 | 1.4 | 44.3 | 43.9 | 11.7 | 17.2 | 189.5 | 43.8 | 40.0 | 10.0 |
| 18.45 | 5.62 | 14356.4 | 101.5 | 0.7 | 45.6 | 45.4 | 28.7 | 41.6 | 0.0 | 88.9 | 46.0 | 1.0 |
| 18.95 | 5.77 | 10107.5 | 84.3 | 0.8 | 47.1 | 46.8 | 25.3 | 36.1 | 0.0 | 78.4 | 46.0 | 1.0 |
| 19.44 | 5.93 | 1033.1 | 38.9 | 3.8 | 48.3 | 48.3 | 10.3 | 14.5 | 62.4 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 986.4 | 7.3 | 0.7 | 49.5 | 49.8 | 3.9 | 5.5 | 59.1 | 30.0 | 32.0 | 6.0 |
| 20.42 | 6.23 | 2522.9 | 25.3 | 1.0 | 50.7 | 51.3 | 10.1 | 13.9 | 161.4 | 37.5 | 38.0 | 6.0 |
| 20.92 | 6.38 | 3591.2 | 17.2 | 0.5 | 52.0 | 52.7 | 12.0 | 16.2 | 0.0 | 47.3 | 40.0 | 1.0 |
| 21.41 | 6.52 | 742.5 | 9.2 | 1.2 | 53.3 | 54.2 | 3.7 | 5.0 | 42.3 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 1093.5 | 27.1 | 2.5 | 54.5 | 55.7 | 5.5 | 7.2 | 65.6 | 0.0 | 0.0 | 6.0 |
| 22.39 | 6.82 | 4649.8 | 38.0 | 0.8 | 55.8 | 57.1 | 15.5 | 20.3 | 0.0 | 53.7 | 42.0 | 1.0 |
| 22.88 | 6.98 | 1467.4 | 25.2 | 1.7 | 57.0 | 58.6 | 5.9 | 7.6 | 90.1 | 30.0 | 34.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 38025.2 | 174.8 | 0.5 | 307.4 | 342.1 | 63.4 | 35.4 | 0.0 | 89.5 | 42.0 | 1.0 |
| 118.19 | 36.03 | 33216.1 | 184.2 | 0.6 | 308.9 | 343.6 | 55.4 | 30.8 | 0.0 | 85.5 | 42.0 | 1.0 |
| 118.68 | 36.17 | 29063.4 | 192.1 | 0.7 | 310.4 | 345.1 | 58.1 | 32.3 | 0.0 | 81.6 | 42.0 | 1.0 |
| 119.18 | 36.33 | 28607.8 | 126.0 | 0.4 | 311.9 | 346.5 | 47.7 | 26.4 | 0.0 | 81.1 | 42.0 | 1.0 |
| 119.67 | 36.47 | 30116.2 | 134.2 | 0.4 | 313.4 | 348.0 | 50.2 | 27.7 | 0.0 | 82.5 | 42.0 | 1.0 |
| 120.16 | 36.62 | 22866.5 | 169.9 | 0.7 | 314.9 | 349.5 | 45.7 | 25.2 | 0.0 | 74.5 | 40.0 | 1.0 |
| 120.65 | 36.78 | 9937.1 | 267.9 | 2.7 | 316.2 | 351.0 | 39.7 | 21.9 | 618.0 | 50.6 | 36.0 | 6.0 |
| 121.14 | 36.92 | 8739.3 | 284.9 | 3.3 | 317.5 | 352.4 | 35.0 | 19.2 | 538.0 | 46.9 | 36.0 | 6.0 |
| 121.64 | 37.08 | 6365.6 | 161.5 | 2.5 | 318.7 | 353.9 | 25.5 | 14.0 | 379.5 | 37.7 | 32.0 | 6.0 |
| 122.21 | 37.25 | 3769.3 | 51.6 | 1.4 | 320.2 | 355.6 | 12.6 | 6.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 122.78 | 37.42 | 3328.7 | 26.8 | 0.8 | 321.7 | 357.3 | 11.1 | 6.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 123.28 | 37.58 | 4250.1 | 63.9 | 1.5 | 323.0 | 358.8 | 14.2 | 7.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 123.77 | 37.72 | 2980.1 | 48.1 | 1.6 | 324.3 | 360.3 | 11.9 | 6.5 | 153.0 | 30.0 | 30.0 | 1.5 |
| 124.26 | 37.88 | 3408.6 | 83.4 | 2.4 | 325.5 | 361.7 | 13.6 | 7.4 | 181.4 | 30.0 | 30.0 | 3.0 |
| 124.75 | 38.03 | 3707.6 | 118.5 | 3.2 | 326.7 | 363.2 | 18.5 | 10.0 | 201.2 | 0.0 | 0.0 | 3.0 |
| 125.24 | 38.17 | 3426.1 | 106.2 | 3.1 | 328.0 | 364.7 | 17.1 | 9.3 | 182.2 | 0.0 | 0.0 | 3.0 |
| 125.74 | 38.33 | 3511.4 | 89.9 | 2.6 | 329.2 | 366.2 | 14.0 | 7.6 | 187.7 | 30.0 | 30.0 | 3.0 |
| 126.23 | 38.47 | 5253.5 | 77.5 | 1.5 | 330.5 | 367.6 | 17.5 | 9.4 | 0.0 | 31.7 | 32.0 | 1.0 |
| 126.72 | 38.62 | 4144.4 | 179.3 | 4.3 | 331.7 | 369.1 | 27.6 | 14.8 | 229.6 | 0.0 | 0.0 | 3.0 |
| 127.21 | 38.78 | 4036.4 | 112.6 | 2.8 | 333.0 | 370.6 | 16.1 | 8.7 | 222.2 | 30.0 | 30.0 | 3.0 |
| 127.71 | 38.92 | 7061.6 | 111.7 | 1.6 | 334.2 | 372.0 | 23.5 | 12.6 | 0.0 | 40.0 | 34.0 | 1.0 |
| 128.20 | 39.08 | 8561.5 | 209.0 | 2.4 | 335.5 | 373.5 | 28.5 | 15.2 | 0.0 | 45.5 | 34.0 | 1.0 |
| 128.69 | 39.22 | 10553.6 | 150.9 | 1.4 | 336.9 | 375.0 | 26.4 | 14.1 | 0.0 | 51.4 | 36.0 | 1.0 |
| 129.18 | 39.38 | 3854.1 | 112.5 | 2.9 | 338.2 | 376.5 | 15.4 | 8.2 | 209.3 | 30.0 | 30.0 | 3.0 |
| 129.67 | 39.53 | 15657.1 | 234.0 | 1.5 | 339.5 | 377.9 | 39.1 | 20.8 | 0.0 | 62.6 | 38.0 | 1.0 |
| 130.17 | 39.67 | 25318.8 | 261.2 | 1.0 | 340.9 | 379.4 | 50.6 | 26.8 | 0.0 | 76.3 | 40.0 | 1.0 |
| 130.66 | 39.83 | 27396.2 | 299.4 | 1.1 | 342.3 | 380.9 | 54.8 | 29.0 | 0.0 | 78.5 | 42.0 | 1.0 |
| 131.15 | 39.97 | 35765.2 | 212.6 | 0.6 | 343.8 | 382.3 | 59.6 | 31.5 | 0.0 | 86.1 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3317
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-330
 Location: STRUCTURE 6
 Cone: 20 TON A 092
 CPT Date: 00/07/02
 CPT Time: 08:38
 CPT File: 300SC330.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 473.7 | 23.1 | 4.9 | 1.3 | 0.0 | 4.7 | 9.5 | 31.5 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 776.5 | 34.4 | 4.4 | 3.9 | 0.0 | 7.8 | 15.5 | 51.5 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 295.5 | 21.6 | 7.3 | 6.6 | 0.0 | 3.0 | 5.9 | 19.3 | 0.0 | 0.0 | 6.0 |
| 1.72 | 0.52 | 275.8 | 13.5 | 4.9 | 9.2 | 0.0 | 2.8 | 5.5 | 17.8 | 0.0 | 0.0 | 6.0 |
| 2.21 | 0.68 | 232.3 | 8.4 | 3.6 | 11.8 | 0.0 | 2.3 | 4.6 | 14.7 | 0.0 | 0.0 | 6.0 |
| 2.71 | 0.82 | 1018.5 | 24.9 | 2.4 | 14.5 | 0.0 | 5.1 | 10.2 | 66.9 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 2351.0 | 32.2 | 1.4 | 17.2 | 0.0 | 9.4 | 18.8 | 155.6 | 51.0 | 44.0 | 10.0 |
| 3.61 | 1.10 | 3621.3 | 90.6 | 2.5 | 18.4 | 1.0 | 14.5 | 29.0 | 240.1 | 62.4 | 44.0 | 10.0 |
| 4.02 | 1.22 | 6214.1 | 109.7 | 1.8 | 19.5 | 2.2 | 20.7 | 41.4 | 0.0 | 77.1 | 46.0 | 1.0 |
| 4.51 | 1.38 | 4905.5 | 218.4 | 4.5 | 20.8 | 3.7 | 32.7 | 65.4 | 325.4 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 4635.9 | 196.0 | 4.2 | 22.0 | 5.2 | 23.2 | 46.4 | 307.2 | 0.0 | 0.0 | 10.0 |
| 5.50 | 1.67 | 5051.8 | 205.9 | 4.1 | 23.2 | 6.6 | 25.3 | 50.5 | 334.8 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 2356.0 | 91.2 | 3.9 | 24.5 | 8.1 | 15.7 | 31.1 | 154.9 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 1601.9 | 48.7 | 3.0 | 25.9 | 9.8 | 8.0 | 15.4 | 104.4 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 1430.9 | 42.9 | 3.0 | 27.3 | 11.5 | 7.2 | 13.4 | 92.8 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 1410.9 | 33.1 | 2.3 | 28.6 | 13.0 | 7.1 | 12.9 | 91.3 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1289.0 | 33.5 | 2.6 | 29.8 | 14.5 | 6.4 | 11.6 | 83.0 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 1045.7 | 28.2 | 2.7 | 31.0 | 15.9 | 5.2 | 9.2 | 66.6 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 829.4 | 18.0 | 2.2 | 32.2 | 17.4 | 4.1 | 7.1 | 52.0 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 725.2 | 10.8 | 1.5 | 33.5 | 18.9 | 3.6 | 6.1 | 44.9 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 538.0 | 6.0 | 1.1 | 34.3 | 20.4 | 2.7 | 4.5 | 32.2 | 0.0 | 0.0 | 3.0 |
| 10.58 | 3.22 | 467.0 | 3.1 | 0.7 | 34.7 | 21.8 | 2.3 | 3.9 | 27.4 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 542.3 | 4.3 | 0.8 | 35.1 | 23.3 | 2.7 | 4.5 | 32.3 | 0.0 | 0.0 | 3.0 |
| 11.56 | 3.53 | 321.6 | 2.6 | 0.8 | 35.5 | 24.8 | 1.6 | 2.6 | 17.4 | 0.0 | 0.0 | 1.5 |
| 12.06 | 3.67 | 1792.9 | 11.6 | 0.6 | 36.3 | 26.2 | 7.2 | 11.6 | 115.4 | 32.5 | 38.0 | 6.0 |
| 12.55 | 3.83 | 551.8 | 9.5 | 1.7 | 37.5 | 27.7 | 3.7 | 5.9 | 32.4 | 0.0 | 0.0 | 3.0 |
| 13.04 | 3.98 | 287.5 | 2.0 | 0.7 | 38.4 | 29.2 | 1.4 | 2.3 | 14.7 | 0.0 | 0.0 | 1.5 |
| 13.53 | 4.12 | 265.5 | 2.0 | 0.8 | 38.8 | 30.7 | 1.3 | 2.1 | 13.1 | 0.0 | 0.0 | 1.5 |
| 14.03 | 4.27 | 424.0 | 3.0 | 0.7 | 39.2 | 32.1 | 2.1 | 3.3 | 23.5 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 347.3 | 3.1 | 0.9 | 39.6 | 33.6 | 1.7 | 2.7 | 18.3 | 0.0 | 0.0 | 1.5 |
| 15.01 | 4.57 | 670.9 | 9.0 | 1.3 | 40.4 | 35.1 | 3.4 | 5.2 | 39.7 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 406.1 | 3.2 | 0.8 | 41.2 | 36.5 | 2.0 | 3.1 | 21.9 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 422.5 | 3.4 | 0.8 | 41.6 | 38.0 | 2.1 | 3.2 | 22.9 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 658.5 | 10.2 | 1.5 | 42.4 | 39.5 | 3.3 | 4.9 | 38.4 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 354.9 | 3.5 | 1.0 | 43.2 | 41.0 | 1.8 | 2.6 | 18.0 | 0.0 | 0.0 | 1.5 |
| 17.47 | 5.32 | 295.5 | 2.1 | 0.7 | 43.6 | 42.4 | 1.5 | 2.2 | 14.0 | 0.0 | 0.0 | 1.5 |
| 17.96 | 5.48 | 543.8 | 13.8 | 2.5 | 44.4 | 43.9 | 5.4 | 8.0 | 30.4 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 9413.8 | 112.4 | 1.2 | 45.7 | 45.4 | 23.5 | 34.1 | 0.0 | 76.8 | 46.0 | 1.0 |
| 18.95 | 5.77 | 2126.5 | 63.6 | 3.0 | 47.0 | 46.8 | 10.6 | 15.2 | 135.5 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 575.5 | 6.4 | 1.1 | 47.8 | 48.3 | 2.9 | 4.1 | 32.0 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 494.1 | 4.7 | 1.0 | 48.2 | 49.8 | 2.5 | 3.5 | 26.4 | 0.0 | 0.0 | 3.0 |
| 20.42 | 6.23 | 8138.6 | 94.9 | 1.2 | 49.1 | 51.3 | 20.3 | 28.4 | 0.0 | 71.6 | 44.0 | 1.0 |
| 20.92 | 6.38 | 15753.5 | 188.5 | 1.2 | 50.5 | 52.7 | 39.4 | 54.3 | 0.0 | 90.1 | 46.0 | 1.0 |
| 21.41 | 6.52 | 3545.6 | 96.3 | 2.7 | 51.8 | 54.2 | 14.2 | 19.3 | 229.3 | 47.0 | 40.0 | 10.0 |
| 21.90 | 6.68 | 754.2 | 13.9 | 1.8 | 53.0 | 55.7 | 3.8 | 5.1 | 43.0 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 583.3 | 4.8 | 0.8 | 53.8 | 57.1 | 2.9 | 3.9 | 31.5 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 3485.2 | 35.1 | 1.0 | 54.7 | 58.6 | 11.6 | 15.4 | 0.0 | 45.7 | 40.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 800.3 | 17.0 | 2.1 | 55.9 | 60.1 | 4.0 | 5.2 | 45.6 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 569.7 | 4.6 | 0.8 | 56.8 | 61.6 | 2.8 | 3.7 | 30.1 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 1132.4 | 22.3 | 2.0 | 57.6 | 63.0 | 5.7 | 7.3 | 67.5 | 0.0 | 0.0 | 6.0 |
| 24.85 | 7.57 | 7816.8 | 107.4 | 1.4 | 58.9 | 64.5 | 19.5 | 24.9 | 0.0 | 67.8 | 44.0 | 1.0 |
| 25.34 | 7.73 | 6072.9 | 91.0 | 1.5 | 60.2 | 66.0 | 20.2 | 25.5 | 0.0 | 60.2 | 42.0 | 1.0 |
| 25.84 | 7.88 | 4641.9 | 88.8 | 1.9 | 61.5 | 67.4 | 15.5 | 19.3 | 0.0 | 52.2 | 40.0 | 1.0 |
| 26.33 | 8.02 | 799.1 | 19.9 | 2.5 | 62.8 | 68.9 | 5.3 | 6.6 | 44.5 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 1585.6 | 25.1 | 1.6 | 64.0 | 70.4 | 6.3 | 7.8 | 96.7 | 30.0 | 34.0 | 6.0 |
| 27.31 | 8.32 | 600.0 | 2.7 | 0.4 | 64.8 | 71.9 | 3.0 | 3.6 | 30.9 | 0.0 | 0.0 | 1.5 |
| 27.80 | 8.48 | 969.7 | 8.0 | 0.8 | 65.6 | 73.3 | 3.9 | 4.7 | 55.4 | 30.0 | 32.0 | 3.0 |
| 28.30 | 8.62 | 458.6 | 7.8 | 1.7 | 66.9 | 74.8 | 3.1 | 3.7 | 21.1 | 0.0 | 0.0 | 1.5 |
| 28.79 | 8.77 | 491.5 | 2.0 | 0.4 | 67.7 | 76.3 | 2.5 | 2.9 | 23.2 | 0.0 | 0.0 | 1.5 |
| 29.28 | 8.93 | 773.3 | 8.3 | 1.1 | 68.5 | 77.7 | 3.9 | 4.6 | 41.8 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 1816.5 | 27.5 | 1.5 | 69.7 | 79.2 | 7.3 | 8.5 | 111.2 | 30.0 | 34.0 | 6.0 |
| 30.27 | 9.23 | 635.0 | 7.4 | 1.2 | 71.0 | 80.7 | 3.2 | 3.7 | 32.2 | 0.0 | 0.0 | 1.5 |
| 30.76 | 9.38 | 700.8 | 9.2 | 1.3 | 72.2 | 82.2 | 3.5 | 4.0 | 36.4 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 3484.9 | 18.4 | 0.5 | 73.2 | 83.4 | 11.6 | 13.3 | 0.0 | 41.5 | 38.0 | 1.0 |
| 31.58 | 9.62 | 1426.5 | 27.2 | 1.9 | 74.3 | 84.6 | 7.1 | 8.1 | 84.5 | 0.0 | 0.0 | 6.0 |
| 32.07 | 9.77 | 751.0 | 9.1 | 1.2 | 75.5 | 86.1 | 3.8 | 4.2 | 39.3 | 0.0 | 0.0 | 3.0 |
| 32.56 | 9.93 | 784.8 | 7.1 | 0.9 | 76.7 | 87.6 | 3.9 | 4.4 | 41.4 | 0.0 | 0.0 | 3.0 |
| 33.05 | 10.07 | 848.2 | 6.2 | 0.7 | 78.0 | 89.0 | 4.2 | 4.7 | 45.4 | 0.0 | 0.0 | 3.0 |
| 33.55 | 10.23 | 684.7 | 5.2 | 0.8 | 78.8 | 90.5 | 3.4 | 3.8 | 34.4 | 0.0 | 0.0 | 1.5 |
| 34.04 | 10.38 | 701.6 | 5.7 | 0.8 | 79.6 | 92.0 | 3.5 | 3.8 | 35.3 | 0.0 | 0.0 | 1.5 |
| 34.53 | 10.52 | 738.6 | 5.2 | 0.7 | 80.8 | 93.4 | 3.7 | 4.0 | 37.6 | 0.0 | 0.0 | 1.5 |
| 35.02 | 10.68 | 904.5 | 5.0 | 0.6 | 82.1 | 94.9 | 3.6 | 3.9 | 48.5 | 30.0 | 30.0 | 3.0 |
| 35.51 | 10.82 | 731.9 | 15.1 | 2.1 | 83.3 | 96.4 | 3.7 | 3.9 | 36.8 | 0.0 | 0.0 | 1.5 |
| 36.01 | 10.98 | 1062.1 | 9.4 | 0.9 | 84.5 | 97.9 | 4.2 | 4.5 | 58.7 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 1076.4 | 7.2 | 0.7 | 85.7 | 99.3 | 4.3 | 4.6 | 59.4 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 1348.7 | 10.5 | 0.8 | 87.0 | 100.8 | 5.4 | 5.7 | 77.4 | 30.0 | 32.0 | 3.0 |
| 37.48 | 11.43 | 1301.8 | 17.6 | 1.4 | 88.2 | 102.3 | 5.2 | 5.4 | 74.1 | 30.0 | 32.0 | 3.0 |
| 37.98 | 11.57 | 1407.8 | 14.5 | 1.0 | 89.4 | 103.7 | 5.6 | 5.8 | 81.0 | 30.0 | 32.0 | 3.0 |
| 38.47 | 11.73 | 1229.9 | 18.0 | 1.5 | 90.7 | 105.2 | 6.1 | 6.3 | 68.9 | 0.0 | 0.0 | 3.0 |
| 38.96 | 11.88 | 1000.7 | 15.5 | 1.5 | 91.9 | 106.7 | 5.0 | 5.1 | 53.5 | 0.0 | 0.0 | 3.0 |
| 39.45 | 12.02 | 723.5 | 7.2 | 1.0 | 93.1 | 108.2 | 3.6 | 3.7 | 34.8 | 0.0 | 0.0 | 1.5 |
| 39.94 | 12.18 | 903.7 | 7.3 | 0.8 | 94.3 | 109.6 | 3.6 | 3.6 | 46.7 | 30.0 | 30.0 | 1.5 |
| 40.44 | 12.32 | 865.5 | 10.3 | 1.2 | 95.6 | 111.1 | 4.3 | 4.3 | 43.9 | 0.0 | 0.0 | 1.5 |
| 40.93 | 12.48 | 894.2 | 13.9 | 1.6 | 96.8 | 112.6 | 4.5 | 4.4 | 45.7 | 0.0 | 0.0 | 1.5 |
| 41.42 | 12.62 | 916.9 | 12.8 | 1.4 | 98.0 | 114.0 | 4.6 | 4.5 | 47.0 | 0.0 | 0.0 | 1.5 |
| 41.91 | 12.77 | 1110.7 | 11.5 | 1.0 | 99.3 | 115.5 | 4.4 | 4.4 | 59.7 | 30.0 | 30.0 | 3.0 |
| 42.40 | 12.93 | 1361.1 | 24.5 | 1.8 | 100.5 | 117.0 | 6.8 | 6.6 | 76.2 | 0.0 | 0.0 | 3.0 |
| 42.90 | 13.07 | 2097.9 | 20.0 | 1.0 | 101.7 | 118.5 | 8.4 | 8.1 | 125.2 | 30.0 | 32.0 | 6.0 |
| 43.39 | 13.23 | 1825.6 | 22.7 | 1.2 | 102.9 | 119.9 | 7.3 | 7.0 | 106.8 | 30.0 | 32.0 | 6.0 |
| 43.88 | 13.38 | 3082.7 | 20.7 | 0.7 | 104.2 | 121.4 | 10.3 | 9.9 | 0.0 | 33.0 | 36.0 | 1.0 |
| 44.37 | 13.52 | 1114.7 | 9.8 | 0.9 | 105.5 | 122.9 | 4.5 | 4.2 | 59.1 | 30.0 | 30.0 | 3.0 |
| 44.86 | 13.68 | 1015.4 | 5.6 | 0.6 | 106.7 | 124.3 | 4.1 | 3.8 | 52.3 | 30.0 | 30.0 | 1.5 |
| 45.36 | 13.82 | 2182.6 | 15.1 | 0.7 | 108.0 | 125.8 | 7.3 | 6.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 45.85 | 13.98 | 3027.3 | 47.9 | 1.6 | 109.2 | 127.3 | 12.1 | 11.3 | 186.1 | 31.8 | 36.0 | 6.0 |
| 46.34 | 14.12 | 1584.9 | 22.4 | 1.4 | 110.5 | 128.8 | 6.3 | 5.9 | 89.7 | 30.0 | 32.0 | 3.0 |
| 46.83 | 14.27 | 1036.6 | 9.2 | 0.9 | 111.7 | 130.2 | 4.1 | 3.8 | 53.0 | 30.0 | 30.0 | 1.5 |
| 47.33 | 14.43 | 1098.8 | 9.1 | 0.8 | 112.9 | 131.7 | 4.4 | 4.0 | 56.9 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1510.7 | 13.9 | 0.9 | 114.2 | 133.2 | 6.0 | 5.5 | 84.2 | 30.0 | 30.0 | 3.0 |
| 48.31 | 14.73 | 1881.8 | 12.0 | 0.6 | 115.4 | 134.6 | 7.5 | 6.9 | 108.8 | 30.0 | 32.0 | 3.0 |
| 48.80 | 14.88 | 1347.0 | 14.6 | 1.1 | 116.6 | 136.1 | 5.4 | 4.9 | 73.0 | 30.0 | 30.0 | 3.0 |
| 49.29 | 15.02 | 1299.7 | 15.0 | 1.2 | 117.8 | 137.6 | 5.2 | 4.7 | 69.6 | 30.0 | 30.0 | 3.0 |
| 49.79 | 15.18 | 1074.0 | 11.1 | 1.0 | 119.1 | 139.1 | 4.3 | 3.9 | 54.4 | 30.0 | 30.0 | 1.5 |
| 50.28 | 15.32 | 1014.5 | 9.2 | 0.9 | 120.3 | 140.5 | 4.1 | 3.6 | 50.2 | 30.0 | 30.0 | 1.5 |
| 50.77 | 15.48 | 867.8 | 7.2 | 0.8 | 121.5 | 142.0 | 4.3 | 3.9 | 40.3 | 0.0 | 0.0 | 1.5 |
| 51.26 | 15.62 | 823.0 | 7.0 | 0.9 | 122.8 | 143.5 | 4.1 | 3.6 | 37.1 | 0.0 | 0.0 | 1.5 |
| 51.75 | 15.77 | 967.4 | 7.1 | 0.7 | 124.0 | 144.9 | 3.9 | 3.4 | 46.6 | 30.0 | 30.0 | 1.5 |
| 52.25 | 15.93 | 979.5 | 7.8 | 0.8 | 125.2 | 146.4 | 3.9 | 3.4 | 47.2 | 30.0 | 30.0 | 1.5 |
| 52.74 | 16.08 | 968.3 | 6.8 | 0.7 | 126.4 | 147.9 | 3.9 | 3.4 | 46.3 | 30.0 | 30.0 | 1.5 |
| 53.23 | 16.22 | 817.0 | 5.4 | 0.7 | 127.7 | 149.4 | 4.1 | 3.5 | 36.0 | 0.0 | 0.0 | 1.5 |
| 53.72 | 16.38 | 713.0 | 7.2 | 1.0 | 128.9 | 150.8 | 3.6 | 3.1 | 28.9 | 0.0 | 0.0 | 1.0 |
| 54.22 | 16.53 | 1049.1 | 9.2 | 0.9 | 130.1 | 152.3 | 4.2 | 3.6 | 51.1 | 30.0 | 30.0 | 1.5 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 26022.0 | 304.5 | 1.2 | 303.3 | 342.1 | 52.0 | 29.2 | 0.0 | 78.8 | 42.0 | 1.0 |
| 118.19 | 36.03 | 27950.1 | 110.6 | 0.4 | 304.8 | 343.6 | 46.6 | 26.1 | 0.0 | 80.8 | 42.0 | 1.0 |
| 118.68 | 36.17 | 24196.4 | 93.0 | 0.4 | 306.4 | 345.1 | 40.3 | 22.5 | 0.0 | 76.6 | 40.0 | 1.0 |
| 119.18 | 36.33 | 30139.6 | 155.5 | 0.5 | 307.9 | 346.5 | 50.2 | 28.0 | 0.0 | 82.8 | 42.0 | 1.0 |
| 119.67 | 36.47 | 36037.1 | 238.8 | 0.7 | 309.4 | 348.0 | 60.1 | 33.4 | 0.0 | 87.8 | 42.0 | 1.0 |
| 120.16 | 36.62 | 37478.9 | 250.9 | 0.7 | 310.9 | 349.5 | 62.5 | 34.7 | 0.0 | 88.9 | 42.0 | 1.0 |
| 120.65 | 36.78 | 36966.9 | 216.8 | 0.6 | 312.5 | 351.0 | 61.6 | 34.1 | 0.0 | 88.4 | 42.0 | 1.0 |
| 121.14 | 36.92 | 33626.9 | 291.6 | 0.9 | 314.0 | 352.4 | 67.3 | 37.1 | 0.0 | 85.6 | 42.0 | 1.0 |
| 121.64 | 37.08 | 32327.9 | 225.6 | 0.7 | 315.4 | 353.9 | 64.7 | 35.6 | 0.0 | 84.4 | 42.0 | 1.0 |
| 122.21 | 37.25 | 35516.8 | 207.1 | 0.6 | 317.2 | 355.6 | 59.2 | 32.5 | 0.0 | 87.1 | 42.0 | 1.0 |
| 122.78 | 37.42 | 38974.2 | 245.7 | 0.6 | 318.9 | 357.3 | 65.0 | 35.6 | 0.0 | 89.6 | 42.0 | 1.0 |
| 123.28 | 37.58 | 38355.2 | 232.5 | 0.6 | 320.5 | 358.8 | 63.9 | 34.9 | 0.0 | 89.1 | 42.0 | 1.0 |
| 123.77 | 37.72 | 34078.1 | 202.4 | 0.6 | 322.0 | 360.3 | 56.8 | 31.0 | 0.0 | 85.7 | 42.0 | 1.0 |
| 124.26 | 37.88 | 30935.7 | 158.2 | 0.5 | 323.5 | 361.7 | 51.6 | 28.1 | 0.0 | 82.8 | 42.0 | 1.0 |
| 124.75 | 38.03 | 26019.7 | 88.6 | 0.3 | 325.1 | 363.2 | 43.4 | 23.5 | 0.0 | 77.8 | 42.0 | 1.0 |
| 125.24 | 38.17 | 27024.8 | 89.4 | 0.3 | 326.6 | 364.7 | 45.0 | 24.4 | 0.0 | 78.8 | 42.0 | 1.0 |
| 125.74 | 38.33 | 8453.1 | 199.2 | 2.4 | 328.0 | 366.2 | 28.2 | 15.2 | 0.0 | 45.4 | 34.0 | 1.0 |
| 126.23 | 38.47 | 3037.1 | 33.1 | 1.1 | 329.3 | 367.6 | 10.1 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.72 | 38.62 | 3049.8 | 15.5 | 0.5 | 330.6 | 369.1 | 10.2 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 127.21 | 38.78 | 4225.3 | 53.8 | 1.3 | 331.9 | 370.6 | 14.1 | 7.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 127.71 | 38.92 | 6433.8 | 72.4 | 1.1 | 333.2 | 372.0 | 21.4 | 11.5 | 0.0 | 37.4 | 32.0 | 1.0 |
| 128.20 | 39.08 | 4337.6 | 57.9 | 1.3 | 334.5 | 373.5 | 14.5 | 7.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.69 | 39.22 | 4441.6 | 77.4 | 1.7 | 335.8 | 375.0 | 14.8 | 7.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 129.18 | 39.38 | 5292.4 | 151.8 | 2.9 | 337.1 | 376.5 | 21.2 | 11.3 | 305.3 | 31.6 | 32.0 | 3.0 |
| 129.67 | 39.53 | 13444.8 | 232.9 | 1.7 | 338.4 | 377.9 | 33.6 | 17.9 | 0.0 | 58.3 | 38.0 | 1.0 |
| 130.17 | 39.67 | 16857.6 | 217.1 | 1.3 | 339.8 | 379.4 | 42.1 | 22.4 | 0.0 | 64.7 | 38.0 | 1.0 |
| 130.66 | 39.83 | 11932.2 | 244.7 | 2.1 | 341.1 | 380.9 | 39.8 | 21.1 | 0.0 | 54.8 | 36.0 | 1.0 |
| 131.15 | 39.97 | 12167.3 | 204.1 | 1.7 | 342.5 | 382.3 | 30.4 | 16.1 | 0.0 | 55.3 | 36.0 | 1.0 |
| 131.64 | 40.12 | 17331.2 | 284.7 | 1.6 | 343.8 | 383.8 | 43.3 | 22.9 | 0.0 | 65.3 | 38.0 | 1.0 |
| 132.13 | 40.28 | 29278.0 | 389.5 | 1.3 | 345.2 | 385.3 | 58.6 | 30.8 | 0.0 | 80.3 | 42.0 | 1.0 |
| 132.63 | 40.42 | 38304.5 | 289.5 | 0.8 | 346.7 | 386.8 | 76.6 | 40.3 | 0.0 | 88.0 | 42.0 | 1.0 |
| 133.12 | 40.58 | 38934.0 | 302.5 | 0.8 | 348.2 | 388.2 | 77.9 | 40.8 | 0.0 | 88.4 | 42.0 | 1.0 |
| 133.61 | 40.72 | 40808.7 | 244.5 | 0.6 | 349.6 | 389.7 | 68.0 | 35.6 | 0.0 | 89.6 | 42.0 | 1.0 |
| 134.10 | 40.88 | 36338.6 | 250.5 | 0.7 | 351.2 | 391.2 | 60.6 | 31.6 | 0.0 | 86.3 | 42.0 | 1.0 |
| 134.59 | 41.03 | 36171.1 | 241.1 | 0.7 | 352.7 | 392.6 | 60.3 | 31.4 | 0.0 | 86.1 | 42.0 | 1.0 |
| 135.09 | 41.17 | 38569.1 | 211.0 | 0.5 | 354.2 | 394.1 | 64.3 | 33.4 | 0.0 | 87.8 | 42.0 | 1.0 |
| 135.58 | 41.33 | 40748.8 | 175.3 | 0.4 | 355.8 | 395.6 | 67.9 | 35.2 | 0.0 | 89.4 | 42.0 | 1.0 |
| 136.07 | 41.47 | 28228.3 | 123.9 | 0.4 | 357.3 | 397.1 | 47.0 | 24.4 | 0.0 | 78.8 | 42.0 | 1.0 |
| 136.56 | 41.62 | 5110.3 | 123.5 | 2.4 | 358.7 | 398.5 | 20.4 | 10.6 | 290.2 | 30.0 | 30.0 | 3.0 |
| 137.06 | 41.78 | 2932.9 | 8.0 | 0.3 | 359.9 | 400.0 | 9.8 | 5.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 137.55 | 41.92 | 4288.7 | 17.0 | 0.4 | 361.3 | 401.5 | 10.7 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 138.04 | 42.08 | 5617.5 | 22.7 | 0.4 | 362.7 | 402.9 | 14.0 | 7.2 | 0.0 | 32.3 | 32.0 | 1.0 |
| 138.53 | 42.22 | 4552.6 | 37.7 | 0.8 | 364.0 | 404.4 | 15.2 | 7.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 139.02 | 42.38 | 4124.1 | 64.2 | 1.6 | 365.3 | 405.9 | 13.7 | 7.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 139.52 | 42.53 | 4488.6 | 69.2 | 1.5 | 366.6 | 407.4 | 15.0 | 7.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 140.01 | 42.67 | 4709.0 | 42.6 | 0.9 | 367.9 | 408.8 | 15.7 | 8.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 140.50 | 42.83 | 3527.3 | 40.3 | 1.1 | 369.2 | 410.3 | 11.8 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 140.99 | 42.97 | 3817.3 | 45.5 | 1.2 | 370.5 | 411.8 | 12.7 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 141.48 | 43.12 | 3754.7 | 65.1 | 1.7 | 371.8 | 413.2 | 15.0 | 7.6 | 198.0 | 30.0 | 30.0 | 3.0 |
| 141.98 | 43.28 | 3206.2 | 44.6 | 1.4 | 373.0 | 414.7 | 10.7 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 142.47 | 43.42 | 3464.5 | 55.3 | 1.6 | 374.3 | 416.2 | 13.9 | 7.0 | 178.3 | 30.0 | 30.0 | 1.5 |
| 142.96 | 43.58 | 4393.6 | 78.7 | 1.8 | 375.6 | 417.7 | 14.6 | 7.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 143.45 | 43.72 | 13189.2 | 321.9 | 2.4 | 376.9 | 419.1 | 44.0 | 22.2 | 0.0 | 56.2 | 36.0 | 1.0 |
| 143.95 | 43.88 | 19275.1 | 460.7 | 2.4 | 378.2 | 420.6 | 64.3 | 32.3 | 0.0 | 67.0 | 38.0 | 1.0 |
| 144.44 | 44.03 | 30028.6 | 306.9 | 1.0 | 379.6 | 422.1 | 60.1 | 30.2 | 0.0 | 79.7 | 42.0 | 1.0 |
| 144.93 | 44.17 | 31281.7 | 168.6 | 0.5 | 381.1 | 423.5 | 52.1 | 26.1 | 0.0 | 80.8 | 42.0 | 1.0 |
| 145.42 | 44.33 | 32899.1 | 218.1 | 0.7 | 382.5 | 425.0 | 65.8 | 32.9 | 0.0 | 82.2 | 42.0 | 1.0 |
| 145.91 | 44.47 | 31486.6 | 190.3 | 0.6 | 384.0 | 426.5 | 52.5 | 26.2 | 0.0 | 80.9 | 42.0 | 1.0 |
| 146.41 | 44.62 | 30911.7 | 241.6 | 0.8 | 385.5 | 428.0 | 61.8 | 30.9 | 0.0 | 80.3 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3367
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-331
 Location: STRUCTURE 6
 Cone: 20 TON A 092
 CPT Date: 00/07/02
 CPT Time: 12:35
 CPT File: 300SC331.COR

 Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 1802.7 | 38.9 | 2.2 | 1.4 | 0.0 | 7.2 | 14.4 | 120.1 | 79.9 | 50.0 | 10.0 |
| 0.74 | 0.23 | 2237.3 | 69.5 | 3.1 | 4.1 | 0.0 | 11.2 | 22.4 | 148.9 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 4812.9 | 84.7 | 1.8 | 6.8 | 0.0 | 16.0 | 32.1 | 0.0 | 84.9 | 50.0 | 1.0 |
| 1.72 | 0.52 | 6720.9 | 195.6 | 2.9 | 9.5 | 0.0 | 26.9 | 53.8 | 447.4 | 89.6 | 50.0 | 10.0 |
| 2.21 | 0.68 | 8225.3 | 322.6 | 3.9 | 12.2 | 0.0 | 41.1 | 82.3 | 547.5 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 10160.6 | 295.7 | 2.9 | 14.9 | 0.0 | 40.6 | 81.3 | 676.4 | 95.0 | 50.0 | 10.0 |
| 3.20 | 0.97 | 6608.4 | 78.6 | 1.2 | 17.7 | 0.0 | 22.0 | 44.1 | 0.0 | 80.2 | 48.0 | 1.0 |
| 3.61 | 1.10 | 2149.8 | 55.5 | 2.6 | 19.0 | 1.0 | 10.7 | 21.5 | 142.0 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 1253.6 | 35.4 | 2.8 | 20.0 | 2.2 | 6.3 | 12.5 | 82.1 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1003.1 | 13.7 | 1.4 | 21.2 | 3.7 | 5.0 | 10.0 | 65.2 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 752.2 | 7.1 | 0.9 | 22.4 | 5.2 | 3.8 | 7.5 | 48.3 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 610.4 | 2.5 | 0.4 | 23.3 | 6.6 | 3.1 | 6.1 | 38.7 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 487.1 | 2.0 | 0.4 | 23.7 | 8.1 | 2.4 | 4.9 | 30.4 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 703.8 | 2.0 | 0.3 | 24.1 | 9.8 | 3.5 | 7.0 | 44.7 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 564.6 | 2.0 | 0.4 | 24.6 | 11.5 | 2.8 | 5.6 | 35.2 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 438.4 | 2.0 | 0.5 | 25.0 | 13.0 | 2.2 | 4.3 | 26.7 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 430.5 | 2.0 | 0.5 | 25.4 | 14.5 | 2.2 | 4.2 | 26.0 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 384.0 | 2.0 | 0.5 | 25.8 | 15.9 | 1.9 | 3.7 | 22.8 | 0.0 | 0.0 | 3.0 |
| 9.10 | 2.78 | 650.8 | 2.0 | 0.3 | 26.2 | 17.4 | 3.3 | 6.2 | 40.5 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 520.2 | 2.0 | 0.4 | 26.6 | 18.9 | 2.6 | 4.9 | 31.6 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1481.9 | 14.0 | 0.9 | 27.4 | 20.4 | 5.9 | 11.1 | 95.6 | 31.1 | 40.0 | 6.0 |
| 10.58 | 3.22 | 722.6 | 10.5 | 1.5 | 28.7 | 21.8 | 3.6 | 6.6 | 44.8 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 397.7 | 2.4 | 0.6 | 29.5 | 23.3 | 2.0 | 3.6 | 23.0 | 0.0 | 0.0 | 3.0 |
| 11.56 | 3.53 | 347.1 | 2.0 | 0.6 | 29.9 | 24.8 | 1.7 | 3.1 | 19.5 | 0.0 | 0.0 | 3.0 |
| 12.06 | 3.67 | 473.5 | 2.0 | 0.4 | 30.3 | 26.2 | 2.4 | 4.2 | 27.8 | 0.0 | 0.0 | 3.0 |
| 12.55 | 3.83 | 583.3 | 2.0 | 0.3 | 30.7 | 27.7 | 2.9 | 5.2 | 35.0 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 796.7 | 2.8 | 0.4 | 31.1 | 29.2 | 4.0 | 7.0 | 49.1 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 461.4 | 2.0 | 0.4 | 31.5 | 30.7 | 2.3 | 4.0 | 26.6 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 543.2 | 2.0 | 0.4 | 31.9 | 32.1 | 2.7 | 4.7 | 31.9 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 622.3 | 2.0 | 0.3 | 32.3 | 33.6 | 3.1 | 5.4 | 37.1 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 534.9 | 2.0 | 0.4 | 32.7 | 35.1 | 2.7 | 4.6 | 31.1 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 490.9 | 2.0 | 0.4 | 33.1 | 36.5 | 2.5 | 4.2 | 28.1 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 760.3 | 10.6 | 1.4 | 33.9 | 38.0 | 3.8 | 6.4 | 45.9 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 7103.9 | 94.5 | 1.3 | 35.2 | 39.5 | 23.7 | 39.1 | 0.0 | 72.4 | 46.0 | 1.0 |
| 16.98 | 5.18 | 1100.3 | 33.9 | 3.1 | 36.5 | 41.0 | 7.3 | 11.9 | 68.2 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 663.8 | 2.0 | 0.3 | 37.3 | 42.4 | 3.3 | 5.3 | 38.9 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 1153.4 | 22.8 | 2.0 | 38.1 | 43.9 | 5.8 | 9.1 | 71.4 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 13147.2 | 103.9 | 0.8 | 39.4 | 45.4 | 26.3 | 41.0 | 0.0 | 88.5 | 48.0 | 1.0 |
| 18.95 | 5.77 | 13652.2 | 101.6 | 0.7 | 40.9 | 46.8 | 27.3 | 41.8 | 0.0 | 89.0 | 48.0 | 1.0 |
| 19.44 | 5.93 | 2204.1 | 45.8 | 2.1 | 42.2 | 48.3 | 8.8 | 13.3 | 140.9 | 36.3 | 38.0 | 6.0 |
| 19.93 | 6.07 | 1211.4 | 16.9 | 1.4 | 43.5 | 49.8 | 4.8 | 7.2 | 74.5 | 30.0 | 36.0 | 6.0 |
| 20.42 | 6.23 | 1171.2 | 13.5 | 1.2 | 44.7 | 51.3 | 4.7 | 6.9 | 71.7 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 3830.5 | 19.3 | 0.5 | 46.0 | 52.7 | 12.8 | 18.4 | 0.0 | 50.9 | 42.0 | 1.0 |
| 21.41 | 6.52 | 846.2 | 12.1 | 1.4 | 47.2 | 54.2 | 4.2 | 6.0 | 49.7 | 0.0 | 0.0 | 6.0 |
| 21.90 | 6.68 | 708.3 | 6.1 | 0.9 | 48.5 | 55.7 | 3.5 | 5.0 | 40.3 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 3084.4 | 48.0 | 1.6 | 49.7 | 57.1 | 12.3 | 17.1 | 198.5 | 43.6 | 40.0 | 6.0 |
| 22.88 | 6.98 | 4245.5 | 98.4 | 2.3 | 50.9 | 58.6 | 17.0 | 23.3 | 275.7 | 52.4 | 42.0 | 10.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3411
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-6-332
 Location: STRUCTURE 6
 Cone: 20 TON A 092
 CPT Date: 00/08/02
 CPT Time: 07:40
 CPT File: 300SC332.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 775.2 | 16.4 | 2.1 | 1.4 | 0.0 | 3.9 | 7.8 | 51.6 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 893.3 | 20.5 | 2.3 | 4.1 | 0.0 | 4.5 | 8.9 | 59.3 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 3704.2 | 52.9 | 1.4 | 6.8 | 0.0 | 12.3 | 24.7 | 0.0 | 77.4 | 50.0 | 1.0 |
| 1.72 | 0.52 | 7480.8 | 73.5 | 1.0 | 9.6 | 0.0 | 18.7 | 37.4 | 0.0 | 92.5 | 50.0 | 1.0 |
| 2.21 | 0.68 | 6660.6 | 173.2 | 2.6 | 12.4 | 0.0 | 26.6 | 53.3 | 443.2 | 85.6 | 50.0 | 10.0 |
| 2.71 | 0.82 | 4754.0 | 106.7 | 2.2 | 15.1 | 0.0 | 19.0 | 38.0 | 315.9 | 73.1 | 46.0 | 10.0 |
| 3.20 | 0.97 | 3951.0 | 28.2 | 0.7 | 17.8 | 0.0 | 13.2 | 26.3 | 0.0 | 65.4 | 46.0 | 1.0 |
| 3.61 | 1.10 | 3006.2 | 33.2 | 1.1 | 19.1 | 1.0 | 10.0 | 20.0 | 0.0 | 56.5 | 44.0 | 1.0 |
| 4.02 | 1.22 | 1487.4 | 41.1 | 2.8 | 20.2 | 2.2 | 7.4 | 14.9 | 97.7 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 683.3 | 23.5 | 3.4 | 21.4 | 3.7 | 6.8 | 13.7 | 43.9 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 507.3 | 11.7 | 2.3 | 22.6 | 5.2 | 3.4 | 6.8 | 32.0 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 467.8 | 3.2 | 0.7 | 23.4 | 6.6 | 2.3 | 4.7 | 29.2 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 508.4 | 7.1 | 1.4 | 23.8 | 8.1 | 2.5 | 5.1 | 31.8 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 749.4 | 7.3 | 1.0 | 24.8 | 9.8 | 3.7 | 7.4 | 47.7 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 472.8 | 4.4 | 0.9 | 25.8 | 11.5 | 2.4 | 4.6 | 29.0 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 546.4 | 4.1 | 0.8 | 26.2 | 13.0 | 2.7 | 5.2 | 33.8 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 350.6 | 3.9 | 1.1 | 26.6 | 14.5 | 1.8 | 3.3 | 20.6 | 0.0 | 0.0 | 3.0 |
| 8.61 | 2.62 | 411.6 | 4.5 | 1.1 | 27.0 | 15.9 | 2.1 | 3.9 | 24.6 | 0.0 | 0.0 | 3.0 |
| 9.10 | 2.78 | 572.2 | 9.7 | 1.7 | 27.9 | 17.4 | 3.8 | 7.1 | 35.1 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 507.5 | 6.7 | 1.3 | 28.7 | 18.9 | 2.5 | 4.6 | 30.7 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 2420.6 | 14.7 | 0.6 | 29.5 | 20.4 | 8.1 | 14.5 | 0.0 | 44.1 | 42.0 | 1.0 |
| 10.58 | 3.22 | 1121.1 | 25.9 | 2.3 | 30.8 | 21.8 | 5.6 | 9.9 | 71.2 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 611.2 | 6.4 | 1.0 | 32.0 | 23.3 | 3.1 | 5.3 | 37.1 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 578.1 | 3.2 | 0.5 | 32.8 | 24.8 | 2.9 | 4.9 | 34.7 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 561.5 | 2.9 | 0.5 | 33.2 | 26.2 | 2.8 | 4.8 | 33.5 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 645.3 | 9.4 | 1.5 | 34.1 | 27.7 | 3.2 | 5.4 | 38.9 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 967.2 | 15.0 | 1.5 | 35.3 | 29.2 | 4.8 | 8.0 | 60.2 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 529.7 | 5.5 | 1.0 | 36.1 | 30.7 | 2.6 | 4.3 | 30.9 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 621.7 | 5.9 | 1.0 | 36.5 | 32.1 | 3.1 | 5.0 | 36.9 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 734.8 | 9.2 | 1.3 | 37.3 | 33.6 | 3.7 | 5.9 | 44.3 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 548.9 | 3.1 | 0.6 | 38.1 | 35.1 | 2.7 | 4.3 | 31.7 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 479.9 | 3.8 | 0.8 | 38.5 | 36.5 | 2.4 | 3.8 | 27.0 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 557.4 | 7.9 | 1.4 | 39.4 | 38.0 | 2.8 | 4.3 | 32.0 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 5245.3 | 63.0 | 1.2 | 40.6 | 39.5 | 17.5 | 26.8 | 0.0 | 61.7 | 44.0 | 1.0 |
| 16.98 | 5.18 | 1081.1 | 33.8 | 3.1 | 41.9 | 41.0 | 7.2 | 10.9 | 66.5 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 593.8 | 2.6 | 0.4 | 42.7 | 42.4 | 3.0 | 4.4 | 33.9 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 1883.6 | 23.1 | 1.2 | 43.5 | 43.9 | 7.5 | 11.2 | 119.7 | 31.3 | 38.0 | 6.0 |
| 18.45 | 5.62 | 13798.2 | 117.1 | 0.8 | 44.9 | 45.4 | 27.6 | 40.3 | 0.0 | 88.0 | 46.0 | 1.0 |
| 18.95 | 5.77 | 13211.4 | 84.4 | 0.6 | 46.3 | 46.8 | 26.4 | 38.0 | 0.0 | 86.3 | 46.0 | 1.0 |
| 19.44 | 5.93 | 1466.0 | 39.9 | 2.7 | 47.7 | 48.3 | 7.3 | 10.4 | 91.3 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 952.4 | 6.0 | 0.6 | 48.9 | 49.8 | 3.8 | 5.3 | 56.9 | 30.0 | 32.0 | 6.0 |
| 20.42 | 6.23 | 2016.1 | 9.7 | 0.5 | 50.2 | 51.3 | 6.7 | 9.3 | 0.0 | 31.3 | 38.0 | 1.0 |
| 20.92 | 6.38 | 2152.6 | 14.7 | 0.7 | 51.5 | 52.7 | 7.2 | 9.8 | 0.0 | 32.8 | 38.0 | 1.0 |
| 21.41 | 6.52 | 650.5 | 2.7 | 0.4 | 52.3 | 54.2 | 3.3 | 4.4 | 36.3 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 998.7 | 8.9 | 0.9 | 53.1 | 55.7 | 4.0 | 5.4 | 59.3 | 30.0 | 32.0 | 6.0 |
| 22.39 | 6.82 | 1507.0 | 7.9 | 0.5 | 54.4 | 57.1 | 6.0 | 8.0 | 93.0 | 30.0 | 36.0 | 6.0 |
| 22.88 | 6.98 | 6343.5 | 74.6 | 1.2 | 55.6 | 58.6 | 21.1 | 27.7 | 0.0 | 62.6 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N50 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 2711.6 | 87.8 | 3.2 | 56.9 | 60.1 | 13.6 | 17.6 | 173.0 | 0.0 | 0.0 | 6.0 |
| 23.87 | 7.27 | 919.8 | 9.1 | 1.0 | 58.1 | 61.6 | 4.6 | 5.9 | 53.3 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 904.0 | 10.1 | 1.1 | 59.3 | 63.0 | 4.5 | 5.7 | 52.1 | 0.0 | 0.0 | 3.0 |
| 24.85 | 7.57 | 623.7 | 2.0 | 0.3 | 60.2 | 64.5 | 3.1 | 3.9 | 33.3 | 0.0 | 0.0 | 3.0 |
| 25.34 | 7.73 | 940.0 | 4.4 | 0.5 | 61.0 | 66.0 | 3.8 | 4.7 | 54.2 | 30.0 | 32.0 | 3.0 |
| 25.84 | 7.88 | 715.6 | 2.0 | 0.3 | 61.8 | 67.4 | 3.6 | 4.5 | 39.1 | 0.0 | 0.0 | 3.0 |
| 26.33 | 8.02 | 763.4 | 2.0 | 0.3 | 62.2 | 68.9 | 3.8 | 4.7 | 42.2 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 2206.5 | 10.3 | 0.5 | 63.1 | 70.4 | 7.4 | 9.1 | 0.0 | 30.6 | 36.0 | 1.0 |
| 27.31 | 8.32 | 1824.0 | 23.8 | 1.3 | 64.3 | 71.9 | 7.3 | 8.9 | 112.5 | 30.0 | 36.0 | 6.0 |
| 27.80 | 8.48 | 1302.1 | 4.2 | 0.3 | 65.5 | 73.3 | 5.2 | 6.3 | 77.6 | 30.0 | 32.0 | 6.0 |
| 28.30 | 8.62 | 2095.2 | 5.2 | 0.2 | 66.8 | 74.8 | 7.0 | 8.4 | 0.0 | 30.0 | 36.0 | 1.0 |
| 28.79 | 8.77 | 1978.7 | 17.2 | 0.9 | 68.1 | 76.3 | 7.9 | 9.4 | 122.3 | 30.0 | 36.0 | 6.0 |
| 29.28 | 8.93 | 1255.2 | 6.2 | 0.5 | 69.3 | 77.7 | 5.0 | 5.9 | 73.9 | 30.0 | 32.0 | 6.0 |
| 29.77 | 9.07 | 1565.5 | 2.9 | 0.2 | 70.5 | 79.2 | 6.3 | 7.3 | 94.4 | 30.0 | 34.0 | 6.0 |
| 30.27 | 9.23 | 1305.9 | 4.0 | 0.3 | 71.8 | 80.7 | 5.2 | 6.0 | 76.9 | 30.0 | 32.0 | 6.0 |
| 30.76 | 9.38 | 874.9 | 2.0 | 0.2 | 72.6 | 82.2 | 4.4 | 5.0 | 48.0 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 965.3 | 3.7 | 0.4 | 73.2 | 83.4 | 3.9 | 4.4 | 53.9 | 30.0 | 30.0 | 3.0 |
| 31.58 | 9.62 | 1653.3 | 16.8 | 1.0 | 74.2 | 84.6 | 6.6 | 7.5 | 99.6 | 30.0 | 34.0 | 6.0 |
| 32.07 | 9.77 | 2139.1 | 29.7 | 1.4 | 75.4 | 86.1 | 8.6 | 9.6 | 131.8 | 30.0 | 36.0 | 6.0 |
| 32.56 | 9.93 | 1272.1 | 10.1 | 0.8 | 76.7 | 87.6 | 5.1 | 5.7 | 73.9 | 30.0 | 32.0 | 3.0 |
| 33.05 | 10.07 | 957.9 | 2.4 | 0.3 | 77.9 | 89.0 | 3.8 | 4.2 | 52.7 | 30.0 | 30.0 | 3.0 |
| 33.55 | 10.23 | 2128.6 | 4.9 | 0.2 | 79.2 | 90.5 | 7.1 | 7.8 | 0.0 | 30.0 | 34.0 | 1.0 |
| 34.04 | 10.38 | 1711.6 | 11.3 | 0.7 | 80.4 | 92.0 | 6.8 | 7.5 | 102.6 | 30.0 | 34.0 | 6.0 |
| 34.53 | 10.52 | 1654.3 | 15.2 | 0.9 | 81.7 | 93.4 | 6.6 | 7.2 | 98.6 | 30.0 | 32.0 | 6.0 |
| 35.02 | 10.68 | 1536.7 | 18.8 | 1.2 | 82.9 | 94.9 | 6.1 | 6.6 | 90.6 | 30.0 | 32.0 | 6.0 |
| 35.51 | 10.82 | 1239.8 | 9.9 | 0.8 | 84.1 | 96.4 | 5.0 | 5.3 | 70.6 | 30.0 | 32.0 | 3.0 |
| 36.01 | 10.98 | 1246.2 | 7.6 | 0.6 | 85.3 | 97.9 | 5.0 | 5.3 | 70.9 | 30.0 | 32.0 | 3.0 |
| 36.50 | 11.12 | 1086.2 | 3.8 | 0.3 | 86.6 | 99.3 | 4.3 | 4.6 | 60.0 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 1051.1 | 3.7 | 0.4 | 87.8 | 100.8 | 4.2 | 4.4 | 57.5 | 30.0 | 30.0 | 3.0 |
| 37.48 | 11.43 | 906.8 | 2.7 | 0.3 | 89.0 | 102.3 | 3.6 | 3.8 | 47.7 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 1106.2 | 8.0 | 0.7 | 90.3 | 103.7 | 4.4 | 4.6 | 60.8 | 30.0 | 30.0 | 3.0 |
| 38.47 | 11.73 | 1041.2 | 13.3 | 1.3 | 91.5 | 105.2 | 5.2 | 5.3 | 56.3 | 0.0 | 0.0 | 3.0 |
| 38.96 | 11.88 | 1343.4 | 16.7 | 1.2 | 92.7 | 106.7 | 5.4 | 5.5 | 76.3 | 30.0 | 32.0 | 3.0 |
| 39.45 | 12.02 | 1966.4 | 15.6 | 0.8 | 93.9 | 108.2 | 7.9 | 7.9 | 117.6 | 30.0 | 34.0 | 6.0 |
| 39.94 | 12.18 | 3690.2 | 23.3 | 0.6 | 95.2 | 109.6 | 12.3 | 12.3 | 0.0 | 39.4 | 38.0 | 1.0 |
| 40.44 | 12.32 | 2000.9 | 15.1 | 0.8 | 96.5 | 111.1 | 8.0 | 8.0 | 119.6 | 30.0 | 32.0 | 6.0 |
| 40.93 | 12.48 | 1717.7 | 15.1 | 0.9 | 97.7 | 112.6 | 6.9 | 6.8 | 100.5 | 30.0 | 32.0 | 6.0 |
| 41.42 | 12.62 | 1443.0 | 6.9 | 0.5 | 98.9 | 114.0 | 5.8 | 5.7 | 82.0 | 30.0 | 32.0 | 3.0 |
| 41.91 | 12.77 | 1134.6 | 5.2 | 0.5 | 100.2 | 115.5 | 4.5 | 4.4 | 61.3 | 30.0 | 30.0 | 3.0 |
| 42.40 | 12.93 | 1281.1 | 7.0 | 0.5 | 101.4 | 117.0 | 5.1 | 5.0 | 70.8 | 30.0 | 30.0 | 3.0 |
| 42.90 | 13.07 | 1721.3 | 10.5 | 0.6 | 102.6 | 118.5 | 6.9 | 6.7 | 100.0 | 30.0 | 32.0 | 3.0 |
| 43.39 | 13.23 | 1775.1 | 15.0 | 0.8 | 103.8 | 119.9 | 7.1 | 6.8 | 103.4 | 30.0 | 32.0 | 3.0 |
| 43.88 | 13.38 | 1223.1 | 5.3 | 0.4 | 105.1 | 121.4 | 4.9 | 4.7 | 66.4 | 30.0 | 30.0 | 3.0 |
| 44.37 | 13.52 | 1261.9 | 3.9 | 0.3 | 106.3 | 122.9 | 5.0 | 4.8 | 68.8 | 30.0 | 30.0 | 3.0 |
| 44.86 | 13.68 | 1366.6 | 5.0 | 0.4 | 107.5 | 124.3 | 5.5 | 5.2 | 75.6 | 30.0 | 30.0 | 3.0 |
| 45.36 | 13.82 | 1526.8 | 7.5 | 0.5 | 108.8 | 125.8 | 6.1 | 5.7 | 86.1 | 30.0 | 30.0 | 3.0 |
| 45.85 | 13.98 | 1940.8 | 18.9 | 1.0 | 110.0 | 127.3 | 7.8 | 7.2 | 113.6 | 30.0 | 32.0 | 6.0 |
| 46.34 | 14.12 | 2416.3 | 17.4 | 0.7 | 111.3 | 128.8 | 8.1 | 7.5 | 0.0 | 30.0 | 34.0 | 1.0 |
| 46.83 | 14.27 | 2251.0 | 10.3 | 0.5 | 112.6 | 130.2 | 7.5 | 6.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 47.33 | 14.43 | 1483.4 | 7.9 | 0.5 | 113.8 | 131.7 | 5.9 | 5.4 | 82.5 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1786.0 | 5.8 | 0.3 | 115.1 | 133.2 | 6.0 | 5.4 | 0.0 | 30.0 | 32.0 | 1.0 |
| 48.31 | 14.73 | 1745.7 | 12.3 | 0.7 | 116.4 | 134.6 | 7.0 | 6.3 | 99.6 | 30.0 | 32.0 | 3.0 |
| 48.80 | 14.88 | 1714.1 | 9.2 | 0.5 | 117.6 | 136.1 | 6.9 | 6.2 | 97.4 | 30.0 | 32.0 | 3.0 |
| 49.29 | 15.02 | 1614.2 | 6.7 | 0.4 | 118.8 | 137.6 | 6.5 | 5.8 | 90.5 | 30.0 | 30.0 | 3.0 |
| 49.79 | 15.18 | 2256.5 | 14.6 | 0.6 | 120.1 | 139.1 | 7.5 | 6.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 50.28 | 15.32 | 2230.4 | 14.8 | 0.7 | 121.4 | 140.5 | 7.4 | 6.6 | 0.0 | 30.0 | 32.0 | 1.0 |
| 50.77 | 15.48 | 1472.4 | 9.5 | 0.6 | 122.7 | 142.0 | 5.9 | 5.2 | 80.5 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 1416.9 | 8.7 | 0.6 | 123.9 | 143.5 | 5.7 | 5.0 | 76.6 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1426.8 | 5.1 | 0.4 | 125.1 | 144.9 | 5.7 | 5.0 | 77.1 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1470.1 | 5.9 | 0.4 | 126.3 | 146.4 | 5.9 | 5.1 | 79.8 | 30.0 | 30.0 | 3.0 |
| 52.74 | 16.08 | 1468.3 | 5.6 | 0.4 | 127.6 | 147.9 | 5.9 | 5.1 | 79.5 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 1365.5 | 5.8 | 0.4 | 128.8 | 149.4 | 5.5 | 4.7 | 72.5 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 2036.4 | 6.3 | 0.3 | 130.1 | 150.8 | 6.8 | 5.8 | 0.0 | 30.0 | 32.0 | 1.0 |
| 54.22 | 16.53 | 2287.7 | 26.1 | 1.1 | 131.3 | 152.3 | 9.2 | 7.8 | 133.6 | 30.0 | 32.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 2660.4 | 9.8 | 0.4 | 132.6 | 153.8 | 8.9 | 7.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 55.20 | 16.83 | 1693.6 | 14.2 | 0.8 | 133.9 | 155.2 | 6.8 | 5.7 | 93.6 | 30.0 | 30.0 | 3.0 |
| 55.69 | 16.97 | 2073.9 | 24.0 | 1.2 | 135.1 | 156.7 | 8.3 | 7.0 | 118.8 | 30.0 | 32.0 | 3.0 |
| 56.18 | 17.12 | 2421.2 | 40.1 | 1.7 | 136.3 | 158.2 | 9.7 | 8.1 | 141.8 | 30.0 | 32.0 | 6.0 |
| 56.68 | 17.28 | 4737.4 | 89.3 | 1.9 | 137.6 | 159.7 | 15.8 | 13.2 | 0.0 | 41.3 | 36.0 | 1.0 |
| 57.17 | 17.42 | 8660.8 | 146.7 | 1.7 | 138.9 | 161.1 | 28.9 | 24.0 | 0.0 | 58.4 | 40.0 | 1.0 |
| 57.66 | 17.58 | 15599.5 | 154.7 | 1.0 | 140.3 | 162.6 | 31.2 | 25.8 | 0.0 | 75.2 | 42.0 | 1.0 |
| 58.15 | 17.72 | 15236.6 | 164.6 | 1.1 | 141.7 | 164.1 | 38.1 | 31.3 | 0.0 | 74.4 | 42.0 | 1.0 |
| 58.64 | 17.88 | 18436.1 | 199.5 | 1.1 | 143.1 | 165.5 | 36.9 | 30.2 | 0.0 | 79.7 | 44.0 | 1.0 |
| 59.14 | 18.03 | 19823.7 | 182.6 | 0.9 | 144.5 | 167.0 | 39.6 | 32.3 | 0.0 | 81.6 | 44.0 | 1.0 |
| 59.63 | 18.17 | 20697.0 | 177.5 | 0.9 | 146.0 | 168.5 | 41.4 | 33.5 | 0.0 | 82.7 | 44.0 | 1.0 |
| 60.12 | 18.33 | 20861.6 | 152.7 | 0.7 | 147.5 | 170.0 | 41.7 | 33.6 | 0.0 | 82.8 | 44.0 | 1.0 |
| 60.61 | 18.47 | 16351.7 | 150.1 | 0.9 | 148.9 | 171.4 | 32.7 | 26.2 | 0.0 | 75.7 | 42.0 | 1.0 |
| 61.10 | 18.62 | 7530.3 | 152.8 | 2.0 | 150.3 | 172.9 | 25.1 | 20.0 | 0.0 | 53.3 | 38.0 | 1.0 |
| 61.60 | 18.78 | 5350.2 | 94.1 | 1.8 | 151.6 | 174.4 | 17.8 | 14.2 | 0.0 | 43.4 | 36.0 | 1.0 |
| 62.09 | 18.92 | 1792.9 | 37.7 | 2.1 | 152.9 | 175.8 | 7.2 | 5.7 | 97.6 | 30.0 | 30.0 | 3.0 |
| 62.58 | 19.08 | 1744.8 | 18.4 | 1.1 | 154.1 | 177.3 | 7.0 | 5.5 | 94.2 | 30.0 | 30.0 | 3.0 |
| 63.07 | 19.22 | 4820.4 | 65.8 | 1.4 | 155.4 | 178.8 | 16.1 | 12.6 | 0.0 | 40.0 | 36.0 | 1.0 |
| 63.57 | 19.38 | 3900.7 | 88.6 | 2.3 | 156.6 | 180.3 | 15.6 | 12.2 | 237.6 | 33.9 | 34.0 | 6.0 |
| 64.06 | 19.53 | 3226.2 | 78.3 | 2.4 | 157.8 | 181.7 | 12.9 | 10.1 | 192.4 | 30.0 | 32.0 | 6.0 |
| 64.55 | 19.67 | 6426.2 | 94.3 | 1.5 | 159.1 | 183.2 | 21.4 | 16.6 | 0.0 | 47.9 | 38.0 | 1.0 |
| 65.04 | 19.83 | 10653.6 | 126.4 | 1.2 | 160.5 | 184.7 | 26.6 | 20.6 | 0.0 | 62.3 | 40.0 | 1.0 |
| 65.53 | 19.97 | 8149.3 | 192.1 | 2.4 | 161.8 | 186.1 | 27.2 | 20.9 | 0.0 | 54.5 | 38.0 | 1.0 |
| 66.03 | 20.12 | 6193.4 | 138.9 | 2.2 | 163.1 | 187.6 | 24.8 | 19.0 | 389.5 | 46.5 | 38.0 | 6.0 |
| 66.52 | 20.28 | 3599.2 | 103.0 | 2.9 | 164.3 | 189.1 | 14.4 | 11.0 | 216.4 | 30.9 | 34.0 | 6.0 |
| 67.01 | 20.42 | 3101.0 | 85.9 | 2.8 | 165.5 | 190.6 | 12.4 | 9.4 | 183.0 | 30.0 | 32.0 | 6.0 |
| 67.50 | 20.58 | 7912.2 | 298.8 | 3.8 | 166.7 | 192.0 | 39.6 | 30.0 | 503.6 | 0.0 | 0.0 | 6.0 |
| 67.99 | 20.72 | 8881.5 | 184.0 | 2.1 | 168.0 | 193.5 | 29.6 | 22.4 | 0.0 | 56.4 | 38.0 | 1.0 |
| 68.49 | 20.88 | 10407.8 | 264.8 | 2.5 | 169.3 | 195.0 | 34.7 | 26.1 | 0.0 | 60.9 | 40.0 | 1.0 |
| 68.98 | 21.03 | 13062.5 | 195.3 | 1.5 | 170.7 | 196.4 | 32.7 | 24.5 | 0.0 | 67.3 | 40.0 | 1.0 |
| 69.47 | 21.17 | 3884.2 | 122.8 | 3.2 | 172.0 | 197.9 | 19.4 | 14.5 | 234.3 | 0.0 | 0.0 | 6.0 |
| 69.96 | 21.33 | 3166.5 | 66.6 | 2.1 | 173.2 | 199.4 | 12.7 | 9.4 | 186.3 | 30.0 | 32.0 | 6.0 |
| 70.46 | 21.47 | 2860.7 | 77.5 | 2.7 | 174.4 | 200.9 | 14.3 | 10.6 | 165.7 | 0.0 | 0.0 | 3.0 |
| 70.95 | 21.62 | 5387.1 | 201.9 | 3.7 | 175.6 | 202.3 | 26.9 | 19.9 | 333.9 | 0.0 | 0.0 | 6.0 |
| 71.44 | 21.78 | 6884.5 | 305.1 | 4.4 | 176.9 | 203.8 | 34.4 | 25.3 | 433.6 | 0.0 | 0.0 | 6.0 |
| 71.93 | 21.92 | 3991.1 | 192.2 | 4.8 | 178.1 | 205.3 | 39.9 | 29.3 | 240.5 | 0.0 | 0.0 | 6.0 |
| 72.42 | 22.08 | 2531.3 | 92.6 | 3.7 | 179.3 | 206.7 | 12.7 | 9.3 | 143.0 | 0.0 | 0.0 | 3.0 |
| 72.92 | 22.22 | 1924.4 | 69.1 | 3.6 | 180.5 | 208.2 | 12.8 | 9.3 | 102.4 | 0.0 | 0.0 | 3.0 |
| 73.41 | 22.38 | 1728.7 | 52.8 | 3.1 | 181.7 | 209.7 | 8.6 | 6.3 | 89.2 | 0.0 | 0.0 | 1.5 |
| 73.90 | 22.53 | 1907.9 | 43.2 | 2.3 | 182.9 | 211.2 | 7.6 | 5.5 | 100.9 | 30.0 | 30.0 | 3.0 |
| 74.39 | 22.67 | 1860.2 | 49.8 | 2.7 | 184.2 | 212.6 | 9.3 | 6.7 | 97.6 | 0.0 | 0.0 | 3.0 |
| 74.88 | 22.83 | 1850.6 | 69.9 | 3.8 | 185.4 | 214.1 | 12.3 | 8.9 | 96.7 | 0.0 | 0.0 | 3.0 |
| 75.38 | 22.97 | 1694.3 | 36.0 | 2.1 | 186.6 | 215.6 | 8.5 | 6.1 | 86.1 | 0.0 | 0.0 | 1.5 |
| 75.87 | 23.12 | 3680.0 | 32.2 | 0.9 | 187.9 | 217.0 | 12.3 | 8.8 | 0.0 | 30.0 | 32.0 | 1.0 |
| 76.36 | 23.28 | 2883.1 | 40.7 | 1.4 | 189.2 | 218.5 | 11.5 | 8.2 | 165.0 | 30.0 | 32.0 | 3.0 |
| 76.85 | 23.42 | 2288.7 | 38.0 | 1.7 | 190.4 | 220.0 | 9.2 | 6.5 | 125.2 | 30.0 | 30.0 | 3.0 |
| 77.34 | 23.58 | 2057.4 | 26.6 | 1.3 | 191.6 | 221.5 | 8.2 | 5.8 | 109.6 | 30.0 | 30.0 | 3.0 |
| 77.84 | 23.72 | 2945.9 | 44.0 | 1.5 | 192.8 | 222.9 | 11.8 | 8.3 | 168.7 | 30.0 | 32.0 | 3.0 |
| 78.33 | 23.88 | 5412.8 | 134.9 | 2.5 | 194.1 | 224.4 | 21.7 | 15.2 | 333.0 | 40.2 | 36.0 | 6.0 |
| 78.82 | 24.03 | 7486.0 | 173.0 | 2.3 | 195.3 | 225.9 | 25.0 | 17.5 | 0.0 | 49.4 | 38.0 | 1.0 |
| 79.31 | 24.17 | 9651.3 | 189.1 | 2.0 | 196.6 | 227.3 | 32.2 | 22.5 | 0.0 | 56.6 | 38.0 | 1.0 |
| 79.81 | 24.33 | 10419.6 | 282.1 | 2.7 | 197.9 | 228.8 | 41.7 | 29.0 | 666.2 | 58.7 | 38.0 | 6.0 |
| 80.30 | 24.47 | 24578.4 | 187.5 | 0.8 | 199.2 | 230.3 | 49.2 | 34.1 | 0.0 | 83.2 | 42.0 | 1.0 |
| 80.79 | 24.62 | 27585.0 | 123.6 | 0.4 | 200.7 | 231.8 | 46.0 | 31.8 | 0.0 | 86.4 | 44.0 | 1.0 |
| 81.28 | 24.78 | 36269.6 | 114.0 | 0.3 | 202.3 | 233.2 | 60.4 | 41.6 | 0.0 | 94.1 | 44.0 | 1.0 |
| 81.77 | 24.92 | 38950.0 | 125.8 | 0.3 | 203.8 | 234.7 | 64.9 | 44.5 | 0.0 | 95.0 | 44.0 | 1.0 |
| 82.27 | 25.08 | 41179.4 | 108.7 | 0.3 | 205.3 | 236.2 | 68.6 | 46.9 | 0.0 | 95.0 | 46.0 | 1.0 |
| 82.76 | 25.22 | 30946.4 | 90.6 | 0.3 | 206.9 | 237.6 | 51.6 | 35.1 | 0.0 | 89.2 | 44.0 | 1.0 |
| 83.25 | 25.38 | 24118.7 | 74.1 | 0.3 | 208.4 | 239.1 | 40.2 | 27.3 | 0.0 | 82.0 | 42.0 | 1.0 |
| 83.74 | 25.53 | 23513.3 | 52.1 | 0.2 | 209.9 | 240.6 | 39.2 | 26.5 | 0.0 | 81.2 | 42.0 | 1.0 |
| 84.23 | 25.67 | 18715.5 | 105.0 | 0.6 | 211.4 | 242.1 | 37.4 | 25.2 | 0.0 | 74.5 | 42.0 | 1.0 |
| 84.73 | 25.83 | 13699.1 | 126.5 | 0.9 | 212.9 | 243.5 | 27.4 | 18.4 | 0.0 | 65.5 | 40.0 | 1.0 |
| 85.22 | 25.97 | 12438.9 | 205.8 | 1.7 | 214.3 | 245.0 | 31.1 | 20.8 | 0.0 | 62.6 | 40.0 | 1.0 |
| 85.71 | 26.12 | 16263.2 | 179.3 | 1.1 | 215.6 | 246.5 | 40.7 | 27.1 | 0.0 | 70.2 | 40.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 19781.7 | 165.6 | 0.8 | 217.1 | 247.9 | 39.6 | 26.3 | 0.0 | 75.7 | 42.0 | 1.0 |
| 86.70 | 26.42 | 18510.1 | 146.2 | 0.8 | 218.5 | 249.4 | 37.0 | 24.5 | 0.0 | 73.7 | 42.0 | 1.0 |
| 87.19 | 26.58 | 15480.6 | 124.7 | 0.8 | 220.0 | 250.9 | 31.0 | 20.4 | 0.0 | 68.5 | 40.0 | 1.0 |
| 87.68 | 26.72 | 18182.1 | 162.0 | 0.9 | 221.4 | 252.4 | 36.4 | 23.9 | 0.0 | 73.0 | 42.0 | 1.0 |
| 88.17 | 26.88 | 25743.5 | 122.8 | 0.5 | 222.9 | 253.8 | 42.9 | 28.1 | 0.0 | 82.9 | 42.0 | 1.0 |
| 88.66 | 27.03 | 24172.9 | 121.4 | 0.5 | 224.4 | 255.3 | 40.3 | 26.3 | 0.0 | 81.0 | 42.0 | 1.0 |
| 89.16 | 27.17 | 27824.3 | 116.4 | 0.4 | 226.0 | 256.8 | 46.4 | 30.2 | 0.0 | 84.9 | 42.0 | 1.0 |
| 89.65 | 27.33 | 33430.2 | 154.1 | 0.5 | 227.5 | 258.2 | 55.7 | 36.2 | 0.0 | 90.1 | 44.0 | 1.0 |
| 90.14 | 27.47 | 34239.8 | 182.8 | 0.5 | 229.0 | 259.7 | 57.1 | 36.9 | 0.0 | 90.7 | 44.0 | 1.0 |
| 90.63 | 27.62 | 35742.2 | 131.6 | 0.4 | 230.6 | 261.2 | 59.6 | 38.4 | 0.0 | 91.8 | 44.0 | 1.0 |
| 91.12 | 27.78 | 35071.8 | 113.4 | 0.3 | 232.1 | 262.7 | 58.5 | 37.6 | 0.0 | 91.2 | 44.0 | 1.0 |
| 91.62 | 27.92 | 29689.7 | 207.3 | 0.7 | 233.6 | 264.1 | 59.4 | 38.0 | 0.0 | 86.3 | 44.0 | 1.0 |
| 92.11 | 28.08 | 29611.4 | 228.3 | 0.8 | 235.0 | 265.6 | 59.2 | 37.8 | 0.0 | 86.1 | 42.0 | 1.0 |
| 92.60 | 28.22 | 27624.1 | 195.3 | 0.7 | 236.5 | 267.1 | 55.2 | 35.2 | 0.0 | 84.1 | 42.0 | 1.0 |
| 93.09 | 28.38 | 26078.6 | 227.1 | 0.9 | 237.9 | 268.5 | 52.2 | 33.1 | 0.0 | 82.3 | 42.0 | 1.0 |
| 93.58 | 28.53 | 29056.8 | 219.9 | 0.8 | 239.4 | 270.0 | 58.1 | 36.8 | 0.0 | 85.3 | 42.0 | 1.0 |
| 94.08 | 28.67 | 31216.3 | 193.8 | 0.6 | 240.9 | 271.5 | 52.0 | 32.8 | 0.0 | 87.3 | 44.0 | 1.0 |
| 94.57 | 28.83 | 31699.8 | 189.8 | 0.6 | 242.4 | 273.0 | 52.8 | 33.2 | 0.0 | 87.7 | 44.0 | 1.0 |
| 95.06 | 28.97 | 30878.5 | 205.2 | 0.7 | 243.9 | 274.4 | 61.8 | 38.7 | 0.0 | 86.8 | 44.0 | 1.0 |
| 95.55 | 29.12 | 23220.7 | 105.7 | 0.5 | 245.4 | 275.9 | 46.4 | 29.0 | 0.0 | 78.6 | 42.0 | 1.0 |
| 96.05 | 29.28 | 7094.7 | 200.9 | 2.8 | 246.7 | 277.4 | 28.4 | 17.7 | 438.0 | 44.5 | 36.0 | 6.0 |
| 96.54 | 29.42 | 7559.0 | 254.6 | 3.4 | 247.9 | 278.8 | 30.2 | 18.8 | 468.8 | 46.2 | 36.0 | 6.0 |
| 97.03 | 29.58 | 18885.4 | 177.8 | 0.9 | 249.3 | 280.3 | 37.8 | 23.4 | 0.0 | 72.4 | 40.0 | 1.0 |
| 97.52 | 29.72 | 14930.9 | 146.8 | 1.0 | 250.7 | 281.8 | 29.9 | 18.5 | 0.0 | 65.6 | 40.0 | 1.0 |
| 98.01 | 29.88 | 3844.8 | 77.1 | 2.0 | 252.1 | 283.3 | 15.4 | 9.5 | 220.6 | 30.0 | 32.0 | 3.0 |
| 98.51 | 30.03 | 3186.0 | 26.8 | 0.8 | 253.3 | 284.7 | 10.6 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 99.00 | 30.17 | 2575.5 | 30.0 | 1.2 | 254.6 | 286.2 | 10.3 | 6.3 | 135.6 | 30.0 | 30.0 | 3.0 |
| 99.49 | 30.33 | 2896.7 | 29.3 | 1.0 | 255.9 | 287.7 | 9.7 | 5.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 99.98 | 30.47 | 4585.6 | 94.1 | 2.1 | 257.1 | 289.1 | 18.3 | 11.2 | 269.3 | 31.4 | 32.0 | 6.0 |
| 100.47 | 30.62 | 10463.4 | 150.8 | 1.4 | 258.4 | 290.6 | 26.2 | 15.9 | 0.0 | 55.0 | 38.0 | 1.0 |
| 100.97 | 30.78 | 4604.6 | 130.8 | 2.8 | 259.7 | 292.1 | 18.4 | 11.2 | 270.2 | 31.4 | 32.0 | 6.0 |
| 101.46 | 30.92 | 2379.4 | 38.3 | 1.6 | 261.0 | 293.6 | 9.5 | 5.8 | 121.7 | 30.0 | 30.0 | 1.5 |
| 101.95 | 31.08 | 3430.1 | 53.6 | 1.6 | 262.2 | 295.0 | 13.7 | 8.3 | 191.5 | 30.0 | 30.0 | 3.0 |
| 102.44 | 31.22 | 3561.9 | 83.7 | 2.4 | 263.4 | 296.5 | 14.2 | 8.6 | 200.1 | 30.0 | 30.0 | 3.0 |
| 102.94 | 31.38 | 4323.9 | 84.6 | 2.0 | 264.6 | 298.0 | 17.3 | 10.4 | 250.7 | 30.0 | 32.0 | 3.0 |
| 103.43 | 31.53 | 2792.8 | 64.2 | 2.3 | 265.9 | 299.5 | 11.2 | 6.7 | 148.5 | 30.0 | 30.0 | 3.0 |
| 103.92 | 31.67 | 3948.8 | 118.2 | 3.0 | 267.1 | 300.9 | 19.7 | 11.8 | 225.4 | 0.0 | 0.0 | 3.0 |
| 104.41 | 31.83 | 8352.2 | 210.5 | 2.5 | 268.3 | 302.4 | 33.4 | 20.0 | 518.8 | 48.0 | 36.0 | 6.0 |
| 104.90 | 31.97 | 3527.2 | 63.0 | 1.8 | 269.6 | 303.9 | 14.1 | 8.4 | 196.9 | 30.0 | 30.0 | 3.0 |
| 105.40 | 32.12 | 2884.5 | 30.7 | 1.1 | 270.8 | 305.3 | 9.6 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 105.89 | 32.28 | 4290.8 | 78.5 | 1.8 | 272.1 | 306.8 | 14.3 | 8.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 106.38 | 32.42 | 5392.7 | 133.5 | 2.5 | 273.4 | 308.3 | 21.6 | 12.8 | 320.7 | 35.2 | 32.0 | 6.0 |
| 106.87 | 32.58 | 5599.8 | 205.2 | 3.7 | 274.6 | 309.8 | 28.0 | 16.5 | 334.4 | 0.0 | 0.0 | 6.0 |
| 107.36 | 32.72 | 5025.7 | 233.5 | 4.6 | 275.9 | 311.2 | 33.5 | 19.7 | 295.9 | 0.0 | 0.0 | 6.0 |
| 107.86 | 32.88 | 5703.9 | 150.5 | 2.6 | 277.1 | 312.7 | 22.8 | 13.4 | 340.9 | 36.6 | 32.0 | 6.0 |
| 108.35 | 33.03 | 2841.3 | 37.3 | 1.3 | 278.3 | 314.2 | 11.4 | 6.7 | 149.9 | 30.0 | 30.0 | 3.0 |
| 108.84 | 33.17 | 3240.3 | 31.4 | 1.0 | 279.6 | 315.6 | 10.8 | 6.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 109.33 | 33.33 | 3427.3 | 48.5 | 1.4 | 280.9 | 317.1 | 11.4 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 109.82 | 33.47 | 3251.3 | 59.0 | 1.8 | 282.1 | 318.6 | 13.0 | 7.6 | 176.7 | 30.0 | 30.0 | 3.0 |
| 110.32 | 33.62 | 4465.1 | 65.1 | 1.5 | 283.4 | 320.1 | 14.9 | 8.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 110.81 | 33.78 | 3947.1 | 100.7 | 2.6 | 284.7 | 321.5 | 15.8 | 9.2 | 222.7 | 30.0 | 30.0 | 3.0 |
| 111.30 | 33.92 | 7157.0 | 172.4 | 2.4 | 285.9 | 323.0 | 28.6 | 16.6 | 436.5 | 42.6 | 34.0 | 6.0 |
| 111.79 | 34.08 | 10110.4 | 284.1 | 2.8 | 287.1 | 324.5 | 40.4 | 23.4 | 633.3 | 52.5 | 36.0 | 6.0 |
| 112.29 | 34.22 | 21592.8 | 433.9 | 2.0 | 288.4 | 325.9 | 54.0 | 31.1 | 0.0 | 74.2 | 40.0 | 1.0 |
| 112.78 | 34.38 | 21567.8 | 342.5 | 1.6 | 289.8 | 327.4 | 53.9 | 31.0 | 0.0 | 74.1 | 40.0 | 1.0 |
| 113.27 | 34.53 | 27493.1 | 264.6 | 1.0 | 291.2 | 328.9 | 55.0 | 31.5 | 0.0 | 80.9 | 42.0 | 1.0 |
| 113.76 | 34.67 | 29973.6 | 242.6 | 0.8 | 292.7 | 330.4 | 59.9 | 34.3 | 0.0 | 83.3 | 42.0 | 1.0 |
| 114.25 | 34.83 | 31695.7 | 290.1 | 0.9 | 294.1 | 331.8 | 63.4 | 36.2 | 0.0 | 84.9 | 42.0 | 1.0 |
| 114.75 | 34.97 | 29318.2 | 318.8 | 1.1 | 295.6 | 333.3 | 58.6 | 33.4 | 0.0 | 82.6 | 42.0 | 1.0 |
| 115.24 | 35.12 | 15387.3 | 304.3 | 2.0 | 297.0 | 334.8 | 51.3 | 29.1 | 0.0 | 64.0 | 38.0 | 1.0 |
| 115.73 | 35.28 | 8312.7 | 231.3 | 2.8 | 298.2 | 336.2 | 33.3 | 18.8 | 511.9 | 46.3 | 36.0 | 6.0 |
| 116.22 | 35.42 | 27040.6 | 300.0 | 1.1 | 299.6 | 337.7 | 54.1 | 30.6 | 0.0 | 80.1 | 42.0 | 1.0 |
| 116.71 | 35.58 | 26764.8 | 261.0 | 1.0 | 301.0 | 339.2 | 53.5 | 30.2 | 0.0 | 79.7 | 42.0 | 1.0 |
| 117.21 | 35.72 | 32440.5 | 203.5 | 0.6 | 302.5 | 340.7 | 54.1 | 30.4 | 0.0 | 85.1 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 35647.7 | 341.8 | 1.0 | 304.0 | 342.1 | 71.3 | 40.0 | 0.0 | 87.8 | 42.0 | 1.0 |
| 118.19 | 36.03 | 36180.3 | 243.1 | 0.7 | 305.5 | 343.6 | 60.3 | 33.8 | 0.0 | 88.1 | 42.0 | 1.0 |
| 118.68 | 36.17 | 33117.7 | 316.1 | 1.0 | 307.0 | 345.1 | 66.2 | 37.0 | 0.0 | 85.5 | 42.0 | 1.0 |
| 119.18 | 36.33 | 34258.4 | 262.9 | 0.8 | 308.4 | 346.5 | 68.5 | 38.2 | 0.0 | 86.4 | 42.0 | 1.0 |
| 119.67 | 36.47 | 36823.0 | 132.4 | 0.4 | 309.9 | 348.0 | 61.4 | 34.1 | 0.0 | 88.4 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3449
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-10-301
 Location: STRUCTURE 10
 Cone: 20 TON A 092
 CPT Date: 00/27/01
 CPT Time: 12:53
 CPT File: 300SC301.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 1338.3 | 7.8 | 0.6 | 1.4 | 0.0 | 5.4 | 10.7 | 89.1 | 71.3 | 50.0 | 10.0 |
| 0.74 | 0.23 | 11399.4 | 99.0 | 0.9 | 4.1 | 0.0 | 28.5 | 57.0 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.23 | 0.38 | 14770.0 | 84.9 | 0.6 | 7.0 | 0.0 | 29.5 | 59.1 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.72 | 0.52 | 11478.0 | 163.8 | 1.4 | 9.9 | 0.0 | 28.7 | 57.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.21 | 0.68 | 15594.1 | 67.3 | 0.4 | 12.8 | 0.0 | 31.2 | 62.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.71 | 0.82 | 14108.5 | 70.7 | 0.5 | 15.7 | 0.0 | 28.2 | 56.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 3.20 | 0.97 | 18620.9 | 104.8 | 0.6 | 18.6 | 0.0 | 37.2 | 74.5 | 0.0 | 95.0 | 50.0 | 1.0 |
| 3.61 | 1.10 | 24812.9 | 148.0 | 0.6 | 20.1 | 1.0 | 49.6 | 99.3 | 0.0 | 95.0 | 50.0 | 1.0 |
| 4.02 | 1.22 | 25526.8 | 184.2 | 0.7 | 21.3 | 2.2 | 51.1 | 102.1 | 0.0 | 95.0 | 50.0 | 1.0 |
| 4.51 | 1.38 | 18845.0 | 187.4 | 1.0 | 22.8 | 3.7 | 37.7 | 75.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 5.00 | 1.53 | 7844.0 | 199.8 | 2.5 | 24.1 | 5.2 | 31.4 | 62.6 | 521.0 | 80.7 | 48.0 | 10.0 |
| 5.50 | 1.67 | 2791.4 | 88.5 | 3.2 | 25.3 | 6.6 | 14.0 | 27.1 | 184.0 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 1245.3 | 25.6 | 2.1 | 26.6 | 8.1 | 6.2 | 11.8 | 80.7 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 2205.9 | 30.3 | 1.4 | 28.0 | 9.8 | 8.8 | 16.3 | 144.5 | 42.2 | 40.0 | 10.0 |
| 7.14 | 2.17 | 1993.7 | 43.5 | 2.2 | 29.4 | 11.5 | 8.0 | 14.4 | 130.2 | 38.6 | 40.0 | 10.0 |
| 7.63 | 2.33 | 2335.9 | 27.2 | 1.2 | 30.7 | 13.0 | 9.3 | 16.5 | 152.8 | 42.5 | 40.0 | 10.0 |
| 8.12 | 2.47 | 1200.3 | 17.8 | 1.5 | 31.9 | 14.5 | 6.0 | 10.4 | 76.9 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 986.1 | 6.8 | 0.7 | 33.1 | 15.9 | 3.9 | 6.7 | 62.5 | 30.0 | 36.0 | 6.0 |
| 9.10 | 2.78 | 1176.6 | 21.9 | 1.9 | 34.3 | 17.4 | 5.9 | 9.8 | 75.0 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1077.8 | 9.7 | 0.9 | 35.6 | 18.9 | 4.3 | 7.1 | 68.2 | 30.0 | 36.0 | 6.0 |
| 10.09 | 3.08 | 772.3 | 7.7 | 1.0 | 36.8 | 20.4 | 3.9 | 6.2 | 47.7 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 598.6 | 5.4 | 0.9 | 37.6 | 21.8 | 3.0 | 4.8 | 35.9 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 978.0 | 8.4 | 0.9 | 38.4 | 23.3 | 3.9 | 6.2 | 61.1 | 30.0 | 34.0 | 6.0 |
| 11.56 | 3.53 | 1549.6 | 20.7 | 1.3 | 39.7 | 24.8 | 6.2 | 9.6 | 99.0 | 30.0 | 38.0 | 6.0 |
| 12.06 | 3.67 | 4779.9 | 26.0 | 0.5 | 41.0 | 26.2 | 11.9 | 18.3 | 0.0 | 58.9 | 42.0 | 1.0 |
| 12.55 | 3.83 | 1529.9 | 39.8 | 2.6 | 42.3 | 27.7 | 7.6 | 11.5 | 97.3 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 611.2 | 5.1 | 0.8 | 43.1 | 29.2 | 3.1 | 4.6 | 35.9 | 0.0 | 0.0 | 3.0 |
| 13.53 | 4.12 | 488.4 | 2.4 | 0.5 | 43.5 | 30.7 | 2.4 | 3.6 | 27.6 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 486.7 | 2.0 | 0.4 | 43.9 | 32.1 | 2.4 | 3.6 | 27.4 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 578.0 | 2.1 | 0.4 | 44.3 | 33.6 | 2.9 | 4.3 | 33.3 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 523.7 | 2.3 | 0.4 | 44.7 | 35.1 | 2.6 | 3.8 | 29.6 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 540.5 | 2.3 | 0.4 | 45.1 | 36.5 | 2.7 | 3.9 | 30.6 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 456.2 | 2.2 | 0.5 | 45.5 | 38.0 | 2.3 | 3.3 | 24.8 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 515.0 | 2.1 | 0.4 | 45.9 | 39.5 | 2.6 | 3.7 | 28.6 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 1923.3 | 5.7 | 0.3 | 46.8 | 41.0 | 6.4 | 9.2 | 0.0 | 30.9 | 38.0 | 1.0 |
| 17.47 | 5.32 | 1538.0 | 32.8 | 2.1 | 48.0 | 42.4 | 7.7 | 10.9 | 96.5 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 638.3 | 7.5 | 1.2 | 49.3 | 43.9 | 3.2 | 4.5 | 36.3 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 749.1 | 6.3 | 0.8 | 50.5 | 45.4 | 3.7 | 5.2 | 43.6 | 0.0 | 0.0 | 3.0 |
| 18.95 | 5.77 | 918.1 | 13.7 | 1.5 | 51.7 | 46.8 | 4.6 | 6.2 | 54.6 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 7318.5 | 37.0 | 0.5 | 53.0 | 48.3 | 18.3 | 24.6 | 0.0 | 67.4 | 44.0 | 1.0 |
| 19.93 | 6.07 | 2177.7 | 60.3 | 2.8 | 54.3 | 49.8 | 10.9 | 14.5 | 138.2 | 0.0 | 0.0 | 6.0 |
| 20.42 | 6.23 | 643.4 | 13.0 | 2.0 | 55.5 | 51.3 | 4.3 | 5.6 | 35.8 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 660.3 | 2.8 | 0.4 | 56.4 | 52.7 | 3.3 | 4.3 | 36.7 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 648.9 | 2.5 | 0.4 | 56.8 | 54.2 | 3.2 | 4.2 | 35.9 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 721.7 | 5.1 | 0.7 | 57.6 | 55.7 | 3.6 | 4.7 | 40.6 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 834.1 | 7.6 | 0.9 | 58.8 | 57.1 | 4.2 | 5.3 | 47.9 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 844.9 | 7.8 | 0.9 | 60.0 | 58.6 | 4.2 | 5.3 | 48.4 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 1095.1 | 18.3 | 1.7 | 61.3 | 60.1 | 5.5 | 6.8 | 64.9 | 0.0 | 0.0 | 6.0 |
| 23.87 | 7.27 | 1219.5 | 19.7 | 1.6 | 62.5 | 61.6 | 6.1 | 7.5 | 73.0 | 0.0 | 0.0 | 6.0 |
| 24.36 | 7.43 | 750.2 | 4.6 | 0.6 | 63.7 | 63.0 | 3.8 | 4.6 | 41.6 | 0.0 | 0.0 | 3.0 |
| 24.85 | 7.57 | 528.8 | 2.9 | 0.6 | 64.5 | 64.5 | 2.6 | 3.2 | 26.6 | 0.0 | 0.0 | 1.5 |
| 25.34 | 7.73 | 734.3 | 5.2 | 0.7 | 65.4 | 66.0 | 3.7 | 4.4 | 40.2 | 0.0 | 0.0 | 3.0 |
| 25.84 | 7.88 | 854.8 | 6.7 | 0.8 | 66.6 | 67.4 | 4.3 | 5.1 | 48.1 | 0.0 | 0.0 | 3.0 |
| 26.33 | 8.02 | 717.7 | 2.5 | 0.4 | 67.4 | 68.9 | 3.6 | 4.3 | 38.8 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 663.7 | 2.0 | 0.3 | 67.8 | 70.4 | 3.3 | 3.9 | 35.0 | 0.0 | 0.0 | 3.0 |
| 27.31 | 8.32 | 629.9 | 2.0 | 0.3 | 68.2 | 71.9 | 3.1 | 3.7 | 32.7 | 0.0 | 0.0 | 1.5 |
| 27.80 | 8.48 | 655.9 | 4.2 | 0.6 | 68.6 | 73.3 | 3.3 | 3.9 | 34.3 | 0.0 | 0.0 | 1.5 |
| 28.30 | 8.62 | 4189.7 | 33.2 | 0.8 | 69.5 | 74.8 | 14.0 | 16.4 | 0.0 | 47.6 | 40.0 | 1.0 |
| 28.79 | 8.77 | 15089.8 | 120.6 | 0.8 | 70.8 | 76.3 | 30.2 | 35.1 | 0.0 | 84.0 | 46.0 | 1.0 |
| 29.28 | 8.93 | 7194.4 | 91.5 | 1.3 | 72.2 | 77.7 | 24.0 | 27.6 | 0.0 | 62.5 | 42.0 | 1.0 |
| 29.77 | 9.07 | 857.2 | 25.3 | 3.0 | 73.5 | 79.2 | 5.7 | 6.5 | 47.0 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 705.2 | 3.4 | 0.5 | 74.3 | 80.7 | 3.5 | 4.0 | 36.7 | 0.0 | 0.0 | 1.5 |
| 30.76 | 9.38 | 799.9 | 4.0 | 0.5 | 75.1 | 82.2 | 3.2 | 3.6 | 42.8 | 30.0 | 30.0 | 3.0 |
| 31.17 | 9.50 | 846.3 | 4.2 | 0.5 | 76.1 | 83.4 | 3.4 | 3.8 | 45.8 | 30.0 | 30.0 | 3.0 |
| 31.58 | 9.62 | 795.3 | 4.4 | 0.6 | 77.2 | 84.6 | 3.2 | 3.5 | 42.2 | 30.0 | 30.0 | 3.0 |
| 32.07 | 9.77 | 878.0 | 4.9 | 0.6 | 78.4 | 86.1 | 3.5 | 3.9 | 47.6 | 30.0 | 30.0 | 3.0 |
| 32.56 | 9.93 | 1556.9 | 8.9 | 0.6 | 79.6 | 87.6 | 6.2 | 6.8 | 92.6 | 30.0 | 32.0 | 6.0 |
| 33.05 | 10.07 | 6344.3 | 59.0 | 0.9 | 80.9 | 89.0 | 15.9 | 17.3 | 0.0 | 57.3 | 40.0 | 1.0 |
| 33.55 | 10.23 | 21226.1 | 131.0 | 0.6 | 82.3 | 90.5 | 42.5 | 45.8 | 0.0 | 91.6 | 46.0 | 1.0 |
| 34.04 | 10.38 | 9799.2 | 93.4 | 1.0 | 83.8 | 92.0 | 24.5 | 26.2 | 0.0 | 69.2 | 42.0 | 1.0 |
| 34.53 | 10.52 | 1087.3 | 38.2 | 3.5 | 85.0 | 93.4 | 10.9 | 11.5 | 60.6 | 0.0 | 0.0 | 3.0 |
| 35.02 | 10.68 | 2387.4 | 16.7 | 0.7 | 86.3 | 94.9 | 8.0 | 8.4 | 0.0 | 30.0 | 36.0 | 1.0 |
| 35.51 | 10.82 | 1232.5 | 18.7 | 1.5 | 87.5 | 96.4 | 6.2 | 6.4 | 69.9 | 0.0 | 0.0 | 3.0 |
| 36.01 | 10.98 | 1167.0 | 7.8 | 0.7 | 88.7 | 97.9 | 4.7 | 4.8 | 65.4 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 8164.0 | 84.5 | 1.0 | 90.0 | 99.3 | 20.4 | 21.0 | 0.0 | 63.0 | 42.0 | 1.0 |
| 36.99 | 11.27 | 4734.9 | 113.4 | 2.4 | 91.4 | 100.8 | 18.9 | 19.4 | 302.9 | 47.1 | 38.0 | 6.0 |
| 37.48 | 11.43 | 979.4 | 9.2 | 0.9 | 92.6 | 102.3 | 3.9 | 4.0 | 52.3 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 1038.1 | 3.6 | 0.4 | 93.8 | 103.7 | 4.2 | 4.2 | 56.0 | 30.0 | 30.0 | 3.0 |
| 38.47 | 11.73 | 877.5 | 6.0 | 0.7 | 95.0 | 105.2 | 3.5 | 3.5 | 45.1 | 30.0 | 30.0 | 1.5 |
| 38.96 | 11.88 | 2964.4 | 39.1 | 1.3 | 96.3 | 106.7 | 11.9 | 11.8 | 184.1 | 33.0 | 36.0 | 6.0 |
| 39.45 | 12.02 | 1098.9 | 16.4 | 1.5 | 97.5 | 108.2 | 5.5 | 5.4 | 59.5 | 0.0 | 0.0 | 3.0 |
| 39.94 | 12.18 | 1049.5 | 3.4 | 0.3 | 98.7 | 109.6 | 4.2 | 4.1 | 56.1 | 30.0 | 30.0 | 3.0 |
| 40.44 | 12.32 | 1703.4 | 18.7 | 1.1 | 100.0 | 111.1 | 6.8 | 6.7 | 99.5 | 30.0 | 32.0 | 3.0 |
| 40.93 | 12.48 | 10056.1 | 139.9 | 1.4 | 101.3 | 112.6 | 25.1 | 24.5 | 0.0 | 67.3 | 42.0 | 1.0 |
| 41.42 | 12.62 | 4345.9 | 77.9 | 1.8 | 102.6 | 114.0 | 14.5 | 14.0 | 0.0 | 43.0 | 38.0 | 1.0 |
| 41.91 | 12.77 | 1155.6 | 13.4 | 1.2 | 103.9 | 115.5 | 4.6 | 4.4 | 62.4 | 30.0 | 30.0 | 3.0 |
| 42.40 | 12.93 | 1326.7 | 25.1 | 1.9 | 105.1 | 117.0 | 6.6 | 6.3 | 73.6 | 0.0 | 0.0 | 3.0 |
| 42.90 | 13.07 | 14670.6 | 211.9 | 1.4 | 106.4 | 118.5 | 36.7 | 34.8 | 0.0 | 77.4 | 44.0 | 1.0 |
| 43.39 | 13.23 | 31226.3 | 475.2 | 1.5 | 107.8 | 119.9 | 78.1 | 73.6 | 0.0 | 95.0 | 46.0 | 1.0 |
| 43.88 | 13.38 | 8659.7 | 256.2 | 3.0 | 109.1 | 121.4 | 34.6 | 32.5 | 561.9 | 61.9 | 42.0 | 10.0 |
| 44.37 | 13.52 | 1223.3 | 31.3 | 2.6 | 110.3 | 122.9 | 6.1 | 5.7 | 66.0 | 0.0 | 0.0 | 3.0 |
| 44.86 | 13.68 | 1154.5 | 3.4 | 0.3 | 111.5 | 124.3 | 4.6 | 4.3 | 61.2 | 30.0 | 30.0 | 3.0 |
| 45.36 | 13.82 | 2213.5 | 39.3 | 1.8 | 112.8 | 125.8 | 8.9 | 8.2 | 131.7 | 30.0 | 32.0 | 6.0 |
| 45.85 | 13.98 | 8704.5 | 110.2 | 1.3 | 114.1 | 127.3 | 21.8 | 19.9 | 0.0 | 61.4 | 40.0 | 1.0 |
| 46.34 | 14.12 | 14130.0 | 74.0 | 0.5 | 115.5 | 128.8 | 28.3 | 25.7 | 0.0 | 75.1 | 42.0 | 1.0 |
| 46.83 | 14.27 | 2702.3 | 65.7 | 2.4 | 116.8 | 130.2 | 10.8 | 9.8 | 163.7 | 30.0 | 34.0 | 6.0 |
| 47.33 | 14.43 | 976.7 | 4.5 | 0.5 | 118.1 | 131.7 | 3.9 | 3.5 | 48.5 | 30.0 | 30.0 | 1.5 |
| 47.82 | 14.57 | 892.5 | 2.0 | 0.2 | 118.9 | 133.2 | 4.5 | 4.0 | 42.7 | 0.0 | 0.0 | 1.5 |
| 48.31 | 14.73 | 1985.8 | 8.6 | 0.4 | 119.7 | 134.6 | 6.6 | 5.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 48.80 | 14.88 | 1948.5 | 35.8 | 1.8 | 121.0 | 136.1 | 7.8 | 6.9 | 112.8 | 30.0 | 32.0 | 3.0 |
| 49.29 | 15.02 | 803.7 | 3.8 | 0.5 | 122.2 | 137.6 | 3.2 | 2.8 | 36.3 | 30.0 | 30.0 | 1.5 |
| 49.79 | 15.18 | 784.4 | 3.2 | 0.4 | 123.0 | 139.1 | 3.9 | 3.5 | 34.8 | 0.0 | 0.0 | 1.5 |
| 50.28 | 15.32 | 961.8 | 3.8 | 0.4 | 123.8 | 140.5 | 3.8 | 3.4 | 46.5 | 30.0 | 30.0 | 1.5 |
| 50.77 | 15.48 | 1488.0 | 16.2 | 1.1 | 125.1 | 142.0 | 6.0 | 5.2 | 81.4 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 1238.9 | 22.1 | 1.8 | 126.3 | 143.5 | 6.2 | 5.4 | 64.6 | 0.0 | 0.0 | 3.0 |
| 51.75 | 15.77 | 1475.8 | 8.3 | 0.6 | 127.5 | 144.9 | 5.9 | 5.1 | 80.2 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1110.5 | 8.4 | 0.8 | 128.8 | 146.4 | 4.4 | 3.8 | 55.7 | 30.0 | 30.0 | 1.5 |
| 52.74 | 16.08 | 1197.8 | 9.4 | 0.8 | 130.0 | 147.9 | 4.8 | 4.1 | 61.3 | 30.0 | 30.0 | 1.5 |
| 53.23 | 16.22 | 1767.8 | 16.8 | 1.0 | 131.2 | 149.4 | 7.1 | 6.0 | 99.1 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 3041.4 | 29.2 | 1.0 | 132.5 | 150.8 | 10.1 | 8.6 | 0.0 | 30.0 | 34.0 | 1.0 |
| 54.22 | 16.53 | 2023.9 | 21.8 | 1.1 | 133.7 | 152.3 | 8.1 | 6.9 | 115.9 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 2148.3 | 15.8 | 0.7 | 135.0 | 153.8 | 8.6 | 7.2 | 124.0 | 30.0 | 32.0 | 3.0 |
| 55.20 | 16.83 | 1276.9 | 8.3 | 0.7 | 136.2 | 155.2 | 5.1 | 4.3 | 65.7 | 30.0 | 30.0 | 1.5 |
| 55.69 | 16.97 | 1465.7 | 9.3 | 0.6 | 137.4 | 156.7 | 5.9 | 4.9 | 78.1 | 30.0 | 30.0 | 3.0 |
| 56.18 | 17.12 | 1529.2 | 12.3 | 0.8 | 138.7 | 158.2 | 6.1 | 5.1 | 82.2 | 30.0 | 30.0 | 3.0 |
| 56.68 | 17.28 | 1743.3 | 15.1 | 0.9 | 139.9 | 159.7 | 7.0 | 5.8 | 96.3 | 30.0 | 30.0 | 3.0 |
| 57.17 | 17.42 | 2045.9 | 27.7 | 1.4 | 141.1 | 161.1 | 8.2 | 6.7 | 116.2 | 30.0 | 32.0 | 3.0 |
| 57.66 | 17.58 | 1229.7 | 12.1 | 1.0 | 142.3 | 162.6 | 4.9 | 4.0 | 61.6 | 30.0 | 30.0 | 1.5 |
| 58.15 | 17.72 | 1584.7 | 22.6 | 1.4 | 143.6 | 164.1 | 6.3 | 5.2 | 85.1 | 30.0 | 30.0 | 3.0 |
| 58.64 | 17.88 | 2387.2 | 24.5 | 1.0 | 144.8 | 165.5 | 9.5 | 7.8 | 138.5 | 30.0 | 32.0 | 3.0 |
| 59.14 | 18.03 | 3239.6 | 64.3 | 2.0 | 146.0 | 167.0 | 13.0 | 10.5 | 195.1 | 30.0 | 34.0 | 6.0 |
| 59.63 | 18.17 | 7962.5 | 109.6 | 1.4 | 147.3 | 168.5 | 19.9 | 16.1 | 0.0 | 55.2 | 40.0 | 1.0 |
| 60.12 | 18.33 | 6968.0 | 80.0 | 1.1 | 148.7 | 170.0 | 17.4 | 14.0 | 0.0 | 51.2 | 38.0 | 1.0 |
| 60.61 | 18.47 | 2617.4 | 47.2 | 1.8 | 150.0 | 171.4 | 10.5 | 8.4 | 153.1 | 30.0 | 32.0 | 6.0 |
| 61.10 | 18.62 | 6674.9 | 82.1 | 1.2 | 151.3 | 172.9 | 22.2 | 17.7 | 0.0 | 49.8 | 38.0 | 1.0 |
| 61.60 | 18.78 | 2874.6 | 36.7 | 1.3 | 152.6 | 174.4 | 11.5 | 9.1 | 169.8 | 30.0 | 32.0 | 6.0 |
| 62.09 | 18.92 | 3054.8 | 14.3 | 0.5 | 153.8 | 175.8 | 10.2 | 8.0 | 0.0 | 30.0 | 32.0 | 1.0 |
| 62.58 | 19.08 | 2243.5 | 55.9 | 2.5 | 155.1 | 177.3 | 9.0 | 7.1 | 127.4 | 30.0 | 32.0 | 3.0 |
| 63.07 | 19.22 | 12696.4 | 188.2 | 1.5 | 156.4 | 178.8 | 31.7 | 24.8 | 0.0 | 67.7 | 42.0 | 1.0 |
| 63.57 | 19.38 | 17742.6 | 125.1 | 0.7 | 157.8 | 180.3 | 35.5 | 27.6 | 0.0 | 77.2 | 42.0 | 1.0 |
| 64.06 | 19.53 | 5905.8 | 145.4 | 2.5 | 159.1 | 181.7 | 23.6 | 18.3 | 371.0 | 45.5 | 38.0 | 6.0 |
| 64.55 | 19.67 | 3263.9 | 56.8 | 1.7 | 160.4 | 183.2 | 13.1 | 10.1 | 194.7 | 30.0 | 32.0 | 6.0 |
| 65.04 | 19.83 | 1458.7 | 17.9 | 1.2 | 161.6 | 184.7 | 5.8 | 4.5 | 74.2 | 30.0 | 30.0 | 1.5 |
| 65.53 | 19.97 | 1684.5 | 11.3 | 0.7 | 162.8 | 186.1 | 6.7 | 5.2 | 89.0 | 30.0 | 30.0 | 3.0 |
| 66.03 | 20.12 | 1714.5 | 10.4 | 0.6 | 164.1 | 187.6 | 6.9 | 5.2 | 90.9 | 30.0 | 30.0 | 3.0 |
| 66.52 | 20.28 | 1284.9 | 9.1 | 0.7 | 165.3 | 189.1 | 5.1 | 3.9 | 62.0 | 30.0 | 30.0 | 1.5 |
| 67.01 | 20.42 | 2445.9 | 14.9 | 0.6 | 166.6 | 190.6 | 8.2 | 6.2 | 0.0 | 30.0 | 32.0 | 1.0 |
| 67.50 | 20.58 | 1964.2 | 17.9 | 0.9 | 167.8 | 192.0 | 7.9 | 5.9 | 107.0 | 30.0 | 30.0 | 3.0 |
| 67.99 | 20.72 | 4619.9 | 37.2 | 0.8 | 169.1 | 193.5 | 15.4 | 11.6 | 0.0 | 37.6 | 34.0 | 1.0 |
| 68.49 | 20.88 | 9282.1 | 96.9 | 1.0 | 170.4 | 195.0 | 23.2 | 17.4 | 0.0 | 57.5 | 40.0 | 1.0 |
| 68.98 | 21.03 | 2805.9 | 45.8 | 1.6 | 171.7 | 196.4 | 11.2 | 8.4 | 162.5 | 30.0 | 32.0 | 3.0 |
| 69.47 | 21.17 | 2690.6 | 26.7 | 1.0 | 173.0 | 197.9 | 9.0 | 6.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 69.96 | 21.33 | 5048.2 | 80.1 | 1.6 | 174.3 | 199.4 | 16.8 | 12.5 | 0.0 | 39.7 | 36.0 | 1.0 |
| 70.46 | 21.47 | 8271.9 | 109.4 | 1.3 | 175.6 | 200.9 | 20.7 | 15.3 | 0.0 | 53.8 | 38.0 | 1.0 |
| 70.95 | 21.62 | 8774.9 | 80.4 | 0.9 | 177.0 | 202.3 | 21.9 | 16.1 | 0.0 | 55.3 | 38.0 | 1.0 |
| 71.44 | 21.78 | 2184.6 | 47.4 | 2.2 | 178.3 | 203.8 | 8.7 | 6.4 | 120.2 | 30.0 | 30.0 | 3.0 |
| 71.93 | 21.92 | 2548.5 | 20.1 | 0.8 | 179.6 | 205.3 | 8.5 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 72.42 | 22.08 | 2070.0 | 19.4 | 0.9 | 180.9 | 206.7 | 8.3 | 6.0 | 112.2 | 30.0 | 30.0 | 3.0 |
| 72.92 | 22.22 | 1743.8 | 7.3 | 0.4 | 182.1 | 208.2 | 7.0 | 5.1 | 90.2 | 30.0 | 30.0 | 1.5 |
| 73.41 | 22.38 | 1280.4 | 5.7 | 0.4 | 183.3 | 209.7 | 5.1 | 3.7 | 59.2 | 30.0 | 30.0 | 1.5 |
| 73.90 | 22.53 | 1467.0 | 7.1 | 0.5 | 184.5 | 211.2 | 5.9 | 4.2 | 71.4 | 30.0 | 30.0 | 1.5 |
| 74.39 | 22.67 | 1409.8 | 6.5 | 0.5 | 185.8 | 212.6 | 5.6 | 4.0 | 67.4 | 30.0 | 30.0 | 1.5 |
| 74.88 | 22.83 | 1369.3 | 5.6 | 0.4 | 187.0 | 214.1 | 5.5 | 3.9 | 64.5 | 30.0 | 30.0 | 1.5 |
| 75.38 | 22.97 | 1330.8 | 5.5 | 0.4 | 188.2 | 215.6 | 5.3 | 3.8 | 61.8 | 30.0 | 30.0 | 1.5 |
| 75.87 | 23.12 | 1600.4 | 8.7 | 0.5 | 189.5 | 217.0 | 6.4 | 4.6 | 79.6 | 30.0 | 30.0 | 1.5 |
| 76.36 | 23.28 | 1796.7 | 12.3 | 0.7 | 190.7 | 218.5 | 7.2 | 5.1 | 92.5 | 30.0 | 30.0 | 1.5 |
| 76.85 | 23.42 | 1692.5 | 13.4 | 0.8 | 191.9 | 220.0 | 6.8 | 4.8 | 85.4 | 30.0 | 30.0 | 1.5 |
| 77.34 | 23.58 | 1895.6 | 21.3 | 1.1 | 193.1 | 221.5 | 7.6 | 5.3 | 98.7 | 30.0 | 30.0 | 3.0 |
| 77.84 | 23.72 | 3991.7 | 55.5 | 1.4 | 194.4 | 222.9 | 13.3 | 9.3 | 0.0 | 31.4 | 32.0 | 1.0 |
| 78.33 | 23.88 | 2117.8 | 30.2 | 1.4 | 195.7 | 224.4 | 8.5 | 5.9 | 113.2 | 30.0 | 30.0 | 3.0 |
| 78.82 | 24.03 | 1501.9 | 10.0 | 0.7 | 196.9 | 225.9 | 6.0 | 4.2 | 71.9 | 30.0 | 30.0 | 1.5 |
| 79.31 | 24.17 | 1311.7 | 8.0 | 0.6 | 198.1 | 227.3 | 5.2 | 3.6 | 59.1 | 30.0 | 30.0 | 1.5 |
| 79.81 | 24.33 | 1513.5 | 4.9 | 0.3 | 199.4 | 228.8 | 6.1 | 4.2 | 72.4 | 30.0 | 30.0 | 1.5 |
| 80.30 | 24.47 | 1618.5 | 7.8 | 0.5 | 200.6 | 230.3 | 6.5 | 4.5 | 79.2 | 30.0 | 30.0 | 1.5 |
| 80.79 | 24.62 | 1478.2 | 8.1 | 0.6 | 201.8 | 231.8 | 5.9 | 4.1 | 69.6 | 30.0 | 30.0 | 1.5 |
| 81.28 | 24.78 | 1588.4 | 7.3 | 0.5 | 203.0 | 233.2 | 6.4 | 4.4 | 76.8 | 30.0 | 30.0 | 1.5 |
| 81.77 | 24.92 | 1557.6 | 6.4 | 0.4 | 204.3 | 234.7 | 6.2 | 4.3 | 74.6 | 30.0 | 30.0 | 1.5 |
| 82.27 | 25.08 | 1395.2 | 6.4 | 0.5 | 205.5 | 236.2 | 5.6 | 3.8 | 63.6 | 30.0 | 30.0 | 1.5 |
| 82.76 | 25.22 | 1550.5 | 7.8 | 0.5 | 206.7 | 237.6 | 6.2 | 4.2 | 73.7 | 30.0 | 30.0 | 1.5 |
| 83.25 | 25.38 | 2004.5 | 13.3 | 0.7 | 208.0 | 239.1 | 8.0 | 5.4 | 103.8 | 30.0 | 30.0 | 1.5 |
| 83.74 | 25.53 | 1964.2 | 22.7 | 1.2 | 209.2 | 240.6 | 7.9 | 5.3 | 101.0 | 30.0 | 30.0 | 1.5 |
| 84.23 | 25.67 | 1759.1 | 15.6 | 0.9 | 210.4 | 242.1 | 7.0 | 4.7 | 87.1 | 30.0 | 30.0 | 1.5 |
| 84.73 | 25.83 | 1982.3 | 13.2 | 0.7 | 211.6 | 243.5 | 7.9 | 5.3 | 101.8 | 30.0 | 30.0 | 1.5 |
| 85.22 | 25.97 | 1905.5 | 12.4 | 0.7 | 212.9 | 245.0 | 7.6 | 5.1 | 96.5 | 30.0 | 30.0 | 1.5 |
| 85.71 | 26.12 | 1868.1 | 13.1 | 0.7 | 214.1 | 246.5 | 7.5 | 5.0 | 93.8 | 30.0 | 30.0 | 1.5 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 149.36 | 45.53 | 15330.9 | 263.0 | 1.7 | 384.4 | 436.8 | 38.3 | 19.2 | 0.0 | 60.2 | 38.0 | 1.0 |
| 149.85 | 45.67 | 31455.3 | 243.7 | 0.8 | 385.8 | 438.3 | 62.9 | 31.5 | 0.0 | 80.8 | 42.0 | 1.0 |
| 150.34 | 45.83 | 20045.9 | 287.1 | 1.4 | 387.2 | 439.7 | 50.1 | 25.1 | 0.0 | 67.8 | 38.0 | 1.0 |
| 150.83 | 45.97 | 28313.0 | 431.5 | 1.5 | 388.6 | 441.2 | 70.8 | 35.4 | 0.0 | 77.7 | 40.0 | 1.0 |
| 151.33 | 46.12 | 36990.7 | 226.5 | 0.6 | 390.1 | 442.7 | 61.7 | 30.8 | 0.0 | 85.3 | 42.0 | 1.0 |
| 151.82 | 46.28 | 34236.6 | 223.1 | 0.7 | 391.6 | 444.1 | 57.1 | 28.5 | 0.0 | 83.0 | 42.0 | 1.0 |
| 152.31 | 46.42 | 35991.5 | 209.4 | 0.6 | 393.1 | 445.6 | 60.0 | 30.0 | 0.0 | 84.4 | 42.0 | 1.0 |
| 152.80 | 46.58 | 33531.0 | 193.1 | 0.6 | 394.7 | 447.1 | 55.9 | 27.9 | 0.0 | 82.3 | 42.0 | 1.0 |
| 153.30 | 46.72 | 35041.8 | 218.1 | 0.6 | 396.2 | 448.6 | 58.4 | 29.2 | 0.0 | 83.5 | 42.0 | 1.0 |
| 153.79 | 46.88 | 36287.2 | 150.3 | 0.4 | 397.7 | 450.0 | 60.5 | 30.2 | 0.0 | 84.4 | 42.0 | 1.0 |
| 154.28 | 47.03 | 17997.6 | 284.2 | 1.6 | 399.2 | 451.5 | 45.0 | 22.5 | 0.0 | 64.3 | 38.0 | 1.0 |
| 154.77 | 47.17 | 11136.7 | 211.3 | 1.9 | 400.5 | 453.0 | 37.1 | 18.6 | 0.0 | 50.5 | 36.0 | 1.0 |
| 155.26 | 47.33 | 10569.9 | 314.1 | 3.0 | 401.8 | 454.4 | 42.3 | 21.1 | 647.6 | 48.9 | 34.0 | 6.0 |
| 155.76 | 47.47 | 8779.7 | 183.6 | 2.1 | 403.0 | 455.9 | 29.3 | 14.6 | 0.0 | 43.6 | 34.0 | 1.0 |
| 156.25 | 47.62 | 3986.4 | 53.1 | 1.3 | 404.3 | 457.4 | 13.3 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 156.74 | 47.78 | 8458.8 | 161.7 | 1.9 | 405.6 | 458.9 | 28.2 | 14.1 | 0.0 | 42.4 | 34.0 | 1.0 |
| 157.23 | 47.92 | 10324.1 | 179.0 | 1.7 | 407.0 | 460.3 | 34.4 | 17.2 | 0.0 | 48.1 | 34.0 | 1.0 |
| 157.72 | 48.08 | 5931.9 | 118.8 | 2.0 | 408.3 | 461.8 | 19.8 | 9.9 | 0.0 | 32.1 | 32.0 | 1.0 |
| 158.22 | 48.22 | 3937.5 | 59.8 | 1.5 | 409.6 | 463.3 | 13.1 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 158.71 | 48.38 | 3878.6 | 70.1 | 1.8 | 410.8 | 464.7 | 15.5 | 7.8 | 200.2 | 30.0 | 30.0 | 1.5 |
| 159.20 | 48.53 | 5497.6 | 84.0 | 1.5 | 412.1 | 466.2 | 18.3 | 9.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 159.69 | 48.67 | 5772.6 | 133.0 | 2.3 | 413.4 | 467.7 | 23.1 | 11.5 | 326.1 | 31.2 | 30.0 | 3.0 |
| 160.19 | 48.83 | 4039.0 | 59.9 | 1.5 | 414.6 | 469.2 | 13.5 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 160.68 | 48.97 | 3967.6 | 61.4 | 1.5 | 415.9 | 470.6 | 13.2 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 161.17 | 49.12 | 3799.4 | 52.1 | 1.4 | 417.2 | 472.1 | 12.7 | 6.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 161.66 | 49.28 | 3570.3 | 45.3 | 1.3 | 418.5 | 473.6 | 11.9 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 162.15 | 49.42 | 3525.3 | 43.7 | 1.2 | 419.8 | 475.0 | 11.8 | 5.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 162.65 | 49.58 | 3956.6 | 52.9 | 1.3 | 421.1 | 476.5 | 13.2 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 163.14 | 49.72 | 5998.2 | 93.9 | 1.6 | 422.4 | 478.0 | 20.0 | 10.0 | 0.0 | 32.0 | 30.0 | 1.0 |
| 163.63 | 49.88 | 4312.9 | 47.0 | 1.1 | 423.7 | 479.5 | 14.4 | 7.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 164.12 | 50.03 | 3513.6 | 27.3 | 0.8 | 425.1 | 480.9 | 11.7 | 5.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 164.61 | 50.17 | 4005.8 | 62.4 | 1.6 | 426.4 | 482.4 | 13.4 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 165.11 | 50.33 | 5305.5 | 131.8 | 2.5 | 427.6 | 483.9 | 21.2 | 10.6 | 292.9 | 30.0 | 30.0 | 3.0 |
| 165.60 | 50.47 | 8859.2 | 177.3 | 2.0 | 428.9 | 485.3 | 29.5 | 14.8 | 0.0 | 42.9 | 32.0 | 1.0 |
| 166.09 | 50.62 | 5558.3 | 103.0 | 1.9 | 430.2 | 486.8 | 18.5 | 9.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 166.58 | 50.78 | 4555.5 | 73.1 | 1.6 | 431.5 | 488.3 | 15.2 | 7.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 167.07 | 50.92 | 4713.1 | 85.9 | 1.8 | 432.8 | 489.8 | 15.7 | 7.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 167.57 | 51.08 | 4730.0 | 120.4 | 2.5 | 434.1 | 491.2 | 18.9 | 9.5 | 253.6 | 30.0 | 30.0 | 3.0 |
| 168.06 | 51.22 | 4922.7 | 105.7 | 2.1 | 435.3 | 492.7 | 19.7 | 9.8 | 266.3 | 30.0 | 30.0 | 3.0 |
| 168.55 | 51.38 | 7794.5 | 155.8 | 2.0 | 436.6 | 494.2 | 26.0 | 13.0 | 0.0 | 39.0 | 32.0 | 1.0 |
| 169.04 | 51.52 | 15187.3 | 245.2 | 1.6 | 437.9 | 495.6 | 38.0 | 19.0 | 0.0 | 58.1 | 36.0 | 1.0 |
| 169.53 | 51.67 | 9433.6 | 266.9 | 2.8 | 439.2 | 497.1 | 37.7 | 18.9 | 566.5 | 44.4 | 34.0 | 6.0 |
| 170.02 | 51.82 | 4348.2 | 63.1 | 1.5 | 440.5 | 498.6 | 14.5 | 7.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 170.52 | 51.97 | 4367.2 | 48.1 | 1.1 | 441.8 | 500.1 | 14.6 | 7.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 171.01 | 52.12 | 4946.3 | 64.2 | 1.3 | 443.1 | 501.5 | 16.5 | 8.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 171.50 | 52.27 | 8264.8 | 213.6 | 2.6 | 444.3 | 503.0 | 33.1 | 16.5 | 487.8 | 40.4 | 32.0 | 6.0 |
| 171.99 | 52.42 | 28171.4 | 242.9 | 0.9 | 445.7 | 504.5 | 56.3 | 28.2 | 0.0 | 75.5 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3498
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-10-302
 Location: STRUCTURE 10
 Cone: 20 TON A 092
 CPT Date: 00/28/01
 CPT Time: 09:05
 CPT File: 300SC302.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 2256.2 | 25.8 | 1.1 | 1.4 | 0.0 | 9.0 | 18.0 | 150.3 | 86.3 | 50.0 | 10.0 |
| 0.74 | 0.23 | 10562.1 | 74.3 | 0.7 | 4.1 | 0.0 | 26.4 | 52.8 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.23 | 0.38 | 16752.0 | 93.2 | 0.6 | 7.0 | 0.0 | 33.5 | 67.0 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.72 | 0.52 | 15797.5 | 116.8 | 0.7 | 9.9 | 0.0 | 31.6 | 63.2 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.21 | 0.68 | 17388.5 | 174.9 | 1.0 | 12.9 | 0.0 | 34.8 | 69.6 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.71 | 0.82 | 19841.7 | 215.3 | 1.1 | 15.8 | 0.0 | 39.7 | 79.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 3.20 | 0.97 | 23302.4 | 139.2 | 0.6 | 18.7 | 0.0 | 46.6 | 93.2 | 0.0 | 95.0 | 50.0 | 1.0 |
| 3.61 | 1.10 | 22504.1 | 144.6 | 0.6 | 20.2 | 1.0 | 45.0 | 90.0 | 0.0 | 95.0 | 50.0 | 1.0 |
| 4.02 | 1.22 | 20856.4 | 142.7 | 0.7 | 21.4 | 2.2 | 41.7 | 83.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 4.51 | 1.38 | 22791.3 | 159.9 | 0.7 | 22.8 | 3.7 | 45.6 | 91.2 | 0.0 | 95.0 | 50.0 | 1.0 |
| 5.00 | 1.53 | 23720.8 | 199.6 | 0.8 | 24.3 | 5.2 | 47.4 | 94.2 | 0.0 | 95.0 | 50.0 | 1.0 |
| 5.50 | 1.67 | 21710.4 | 183.1 | 0.8 | 25.7 | 6.6 | 43.4 | 83.8 | 0.0 | 95.0 | 50.0 | 1.0 |
| 5.99 | 1.83 | 20548.6 | 229.2 | 1.1 | 27.2 | 8.1 | 41.1 | 77.1 | 0.0 | 95.0 | 50.0 | 1.0 |
| 6.56 | 2.00 | 32818.8 | 260.9 | 0.8 | 28.9 | 9.8 | 65.6 | 119.5 | 0.0 | 95.0 | 50.0 | 1.0 |
| 7.14 | 2.17 | 9377.3 | 268.6 | 2.9 | 30.5 | 11.5 | 37.5 | 66.5 | 622.4 | 82.5 | 46.0 | 10.0 |
| 7.63 | 2.33 | 3834.7 | 159.4 | 4.2 | 31.7 | 13.0 | 19.2 | 33.3 | 252.7 | 0.0 | 0.0 | 10.0 |
| 8.12 | 2.47 | 1787.4 | 35.3 | 2.0 | 32.9 | 14.5 | 7.1 | 12.2 | 116.0 | 33.8 | 40.0 | 6.0 |
| 8.61 | 2.62 | 2334.8 | 64.1 | 2.7 | 34.2 | 15.9 | 11.7 | 19.5 | 152.3 | 0.0 | 0.0 | 10.0 |
| 9.10 | 2.78 | 1816.2 | 61.8 | 3.4 | 35.4 | 17.4 | 12.1 | 19.9 | 117.6 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1254.8 | 33.8 | 2.7 | 36.6 | 18.9 | 6.3 | 10.1 | 80.0 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 615.7 | 11.0 | 1.8 | 37.8 | 20.4 | 4.1 | 6.5 | 37.2 | 0.0 | 0.0 | 3.0 |
| 10.58 | 3.22 | 658.9 | 13.7 | 2.1 | 39.1 | 21.8 | 4.4 | 6.9 | 39.9 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 693.7 | 5.5 | 0.8 | 40.3 | 23.3 | 3.5 | 5.3 | 42.0 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 619.2 | 20.4 | 3.3 | 41.5 | 24.8 | 6.2 | 9.4 | 36.9 | 0.0 | 0.0 | 3.0 |
| 12.06 | 3.67 | 1336.1 | 24.6 | 1.8 | 42.7 | 26.2 | 6.7 | 10.0 | 84.5 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1123.7 | 6.1 | 0.5 | 43.9 | 27.7 | 4.5 | 6.6 | 70.1 | 30.0 | 34.0 | 6.0 |
| 13.04 | 3.98 | 696.0 | 10.2 | 1.5 | 45.1 | 29.2 | 3.5 | 5.1 | 41.4 | 0.0 | 0.0 | 3.0 |
| 13.53 | 4.12 | 1418.8 | 28.5 | 2.0 | 46.4 | 30.7 | 7.1 | 10.2 | 89.5 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 5020.0 | 36.6 | 0.7 | 47.7 | 32.1 | 12.6 | 17.8 | 0.0 | 58.1 | 42.0 | 1.0 |
| 14.52 | 4.43 | 2018.9 | 53.5 | 2.6 | 49.0 | 33.6 | 10.1 | 14.1 | 129.1 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1222.2 | 28.0 | 2.3 | 50.2 | 35.1 | 6.1 | 8.4 | 75.8 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 892.9 | 8.7 | 1.0 | 51.4 | 36.5 | 4.5 | 6.1 | 53.7 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 510.8 | 3.1 | 0.6 | 52.2 | 38.0 | 2.6 | 3.5 | 28.0 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 375.2 | 2.2 | 0.6 | 52.7 | 39.5 | 1.9 | 2.5 | 18.9 | 0.0 | 0.0 | 1.5 |
| 16.98 | 5.18 | 321.9 | 2.0 | 0.6 | 53.1 | 41.0 | 1.6 | 2.2 | 15.2 | 0.0 | 0.0 | 1.5 |
| 17.47 | 5.32 | 432.1 | 8.4 | 1.9 | 53.9 | 42.4 | 2.9 | 3.8 | 22.4 | 0.0 | 0.0 | 1.5 |
| 17.96 | 5.48 | 936.7 | 26.3 | 2.8 | 55.1 | 43.9 | 6.2 | 8.2 | 55.8 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 2812.2 | 18.5 | 0.7 | 56.4 | 45.4 | 9.4 | 12.2 | 0.0 | 39.1 | 38.0 | 1.0 |
| 18.95 | 5.77 | 779.7 | 16.2 | 2.1 | 57.6 | 46.8 | 3.9 | 5.0 | 45.0 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 440.6 | 4.9 | 1.1 | 58.4 | 48.3 | 2.2 | 2.8 | 22.3 | 0.0 | 0.0 | 1.5 |
| 19.93 | 6.07 | 5073.5 | 25.1 | 0.5 | 59.3 | 49.8 | 12.7 | 16.1 | 0.0 | 55.3 | 42.0 | 1.0 |
| 20.42 | 6.23 | 4572.1 | 46.9 | 1.0 | 60.7 | 51.3 | 15.2 | 19.1 | 0.0 | 52.0 | 40.0 | 1.0 |
| 20.92 | 6.38 | 699.3 | 22.3 | 3.2 | 61.9 | 52.7 | 7.0 | 8.7 | 39.0 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 446.2 | 2.0 | 0.4 | 62.7 | 54.2 | 2.2 | 2.8 | 22.0 | 0.0 | 0.0 | 1.5 |
| 21.90 | 6.68 | 529.6 | 5.8 | 1.1 | 63.1 | 55.7 | 2.6 | 3.3 | 27.4 | 0.0 | 0.0 | 1.5 |
| 22.39 | 6.82 | 543.0 | 4.2 | 0.8 | 63.5 | 57.1 | 2.7 | 3.3 | 28.2 | 0.0 | 0.0 | 1.5 |
| 22.88 | 6.98 | 653.1 | 4.9 | 0.8 | 63.9 | 58.6 | 3.3 | 4.0 | 35.4 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 845.4 | 6.4 | 0.8 | 64.7 | 60.1 | 4.2 | 5.1 | 48.0 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 1037.8 | 12.1 | 1.2 | 65.9 | 61.6 | 5.2 | 6.3 | 60.7 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 1544.9 | 22.8 | 1.5 | 67.2 | 63.0 | 6.2 | 7.4 | 94.3 | 30.0 | 34.0 | 6.0 |
| 24.85 | 7.57 | 976.9 | 12.8 | 1.3 | 68.4 | 64.5 | 4.9 | 5.8 | 56.3 | 0.0 | 0.0 | 3.0 |
| 25.34 | 7.73 | 486.7 | 2.1 | 0.4 | 69.2 | 66.0 | 2.4 | 2.9 | 23.4 | 0.0 | 0.0 | 1.5 |
| 25.84 | 7.88 | 484.2 | 2.0 | 0.4 | 69.6 | 67.4 | 2.4 | 2.8 | 23.1 | 0.0 | 0.0 | 1.5 |
| 26.33 | 8.02 | 732.4 | 4.1 | 0.6 | 70.0 | 68.9 | 3.7 | 4.3 | 39.6 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 650.3 | 2.3 | 0.4 | 70.4 | 70.4 | 3.3 | 3.8 | 34.0 | 0.0 | 0.0 | 1.5 |
| 27.31 | 8.32 | 528.8 | 2.0 | 0.4 | 70.8 | 71.9 | 2.6 | 3.1 | 25.7 | 0.0 | 0.0 | 1.5 |
| 27.80 | 8.48 | 505.3 | 2.1 | 0.4 | 71.2 | 73.3 | 2.5 | 2.9 | 24.1 | 0.0 | 0.0 | 1.5 |
| 28.30 | 8.62 | 500.1 | 2.3 | 0.5 | 71.6 | 74.8 | 2.5 | 2.9 | 23.6 | 0.0 | 0.0 | 1.5 |
| 28.79 | 8.77 | 5089.7 | 44.6 | 0.9 | 72.5 | 76.3 | 17.0 | 19.5 | 0.0 | 52.5 | 40.0 | 1.0 |
| 29.28 | 8.93 | 10441.6 | 101.7 | 1.0 | 73.8 | 77.7 | 26.1 | 29.7 | 0.0 | 72.9 | 44.0 | 1.0 |
| 29.77 | 9.07 | 1322.5 | 39.8 | 3.0 | 75.1 | 79.2 | 6.6 | 7.5 | 77.9 | 0.0 | 0.0 | 6.0 |
| 30.27 | 9.23 | 653.5 | 3.3 | 0.5 | 76.0 | 80.7 | 3.3 | 3.7 | 33.1 | 0.0 | 0.0 | 1.5 |
| 30.76 | 9.38 | 505.9 | 2.0 | 0.4 | 76.4 | 82.2 | 2.5 | 2.8 | 23.2 | 0.0 | 0.0 | 1.5 |
| 31.17 | 9.50 | 577.1 | 2.0 | 0.3 | 76.7 | 83.4 | 2.9 | 3.2 | 27.8 | 0.0 | 0.0 | 1.5 |
| 31.58 | 9.62 | 590.6 | 2.0 | 0.3 | 77.0 | 84.6 | 3.0 | 3.3 | 28.6 | 0.0 | 0.0 | 1.5 |
| 32.07 | 9.77 | 846.5 | 4.0 | 0.5 | 77.8 | 86.1 | 3.4 | 3.8 | 45.5 | 30.0 | 30.0 | 3.0 |
| 32.56 | 9.93 | 3797.3 | 50.3 | 1.3 | 79.1 | 87.6 | 12.7 | 13.9 | 0.0 | 42.9 | 38.0 | 1.0 |
| 33.05 | 10.07 | 11972.0 | 74.4 | 0.6 | 80.5 | 89.0 | 23.9 | 26.1 | 0.0 | 75.5 | 44.0 | 1.0 |
| 33.55 | 10.23 | 7159.8 | 84.7 | 1.2 | 81.9 | 90.5 | 17.9 | 19.4 | 0.0 | 60.6 | 42.0 | 1.0 |
| 34.04 | 10.38 | 902.0 | 36.8 | 4.1 | 83.2 | 92.0 | 9.0 | 9.7 | 48.5 | 0.0 | 0.0 | 3.0 |
| 34.53 | 10.52 | 1597.9 | 22.9 | 1.4 | 84.4 | 93.4 | 6.4 | 6.8 | 94.7 | 30.0 | 32.0 | 6.0 |
| 35.02 | 10.68 | 880.1 | 21.0 | 2.4 | 85.6 | 94.9 | 4.4 | 4.7 | 46.6 | 0.0 | 0.0 | 3.0 |
| 35.51 | 10.82 | 803.4 | 4.8 | 0.6 | 86.8 | 96.4 | 3.2 | 3.4 | 41.3 | 30.0 | 30.0 | 1.5 |
| 36.01 | 10.98 | 6967.5 | 81.9 | 1.2 | 88.1 | 97.9 | 17.4 | 18.2 | 0.0 | 58.7 | 42.0 | 1.0 |
| 36.50 | 11.12 | 3565.2 | 79.8 | 2.2 | 89.4 | 99.3 | 14.3 | 14.8 | 225.1 | 39.3 | 38.0 | 6.0 |
| 36.99 | 11.27 | 911.9 | 6.7 | 0.7 | 90.7 | 100.8 | 3.6 | 3.7 | 48.0 | 30.0 | 30.0 | 3.0 |
| 37.48 | 11.43 | 950.9 | 2.8 | 0.3 | 91.9 | 102.3 | 3.8 | 3.9 | 50.5 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 1659.7 | 15.6 | 0.9 | 93.1 | 103.7 | 6.6 | 6.7 | 97.5 | 30.0 | 32.0 | 6.0 |
| 38.47 | 11.73 | 1067.5 | 16.4 | 1.5 | 94.3 | 105.2 | 5.3 | 5.4 | 57.9 | 0.0 | 0.0 | 3.0 |
| 38.96 | 11.88 | 866.3 | 3.0 | 0.3 | 95.6 | 106.7 | 3.5 | 3.5 | 44.3 | 30.0 | 30.0 | 1.5 |
| 39.45 | 12.02 | 2684.0 | 45.3 | 1.7 | 96.8 | 108.2 | 10.7 | 10.7 | 165.3 | 30.0 | 36.0 | 6.0 |
| 39.94 | 12.18 | 2971.8 | 47.2 | 1.6 | 98.0 | 109.6 | 11.9 | 11.8 | 184.3 | 32.8 | 36.0 | 6.0 |
| 40.44 | 12.32 | 731.3 | 5.5 | 0.7 | 99.3 | 111.1 | 3.7 | 3.6 | 34.7 | 0.0 | 0.0 | 1.5 |
| 40.93 | 12.48 | 912.7 | 22.6 | 2.5 | 100.5 | 112.6 | 4.6 | 4.5 | 46.6 | 0.0 | 0.0 | 1.5 |
| 41.42 | 12.62 | 11325.5 | 171.8 | 1.5 | 101.8 | 114.0 | 28.3 | 27.5 | 0.0 | 70.6 | 42.0 | 1.0 |
| 41.91 | 12.77 | 2406.7 | 92.5 | 3.8 | 103.1 | 115.5 | 16.0 | 15.5 | 145.9 | 0.0 | 0.0 | 6.0 |
| 42.40 | 12.93 | 845.6 | 9.3 | 1.1 | 104.3 | 117.0 | 4.2 | 4.1 | 41.6 | 0.0 | 0.0 | 1.5 |
| 42.90 | 13.07 | 1988.8 | 15.8 | 0.8 | 105.5 | 118.5 | 8.0 | 7.6 | 117.7 | 30.0 | 32.0 | 6.0 |
| 43.39 | 13.23 | 845.0 | 5.9 | 0.7 | 106.8 | 119.9 | 3.4 | 3.2 | 41.2 | 30.0 | 30.0 | 1.5 |
| 43.88 | 13.38 | 850.2 | 2.1 | 0.2 | 107.6 | 121.4 | 4.3 | 4.0 | 41.4 | 0.0 | 0.0 | 1.5 |
| 44.37 | 13.52 | 1568.1 | 11.2 | 0.7 | 108.4 | 122.9 | 6.3 | 5.9 | 89.1 | 30.0 | 32.0 | 3.0 |
| 44.86 | 13.68 | 1180.6 | 17.8 | 1.5 | 109.6 | 124.3 | 5.9 | 5.5 | 63.1 | 0.0 | 0.0 | 3.0 |
| 45.36 | 13.82 | 775.7 | 2.6 | 0.3 | 110.4 | 125.8 | 3.9 | 3.6 | 36.0 | 0.0 | 0.0 | 1.5 |
| 45.85 | 13.98 | 787.5 | 2.1 | 0.3 | 110.9 | 127.3 | 3.9 | 3.7 | 36.6 | 0.0 | 0.0 | 1.5 |
| 46.34 | 14.12 | 951.6 | 6.7 | 0.7 | 111.7 | 128.8 | 3.8 | 3.5 | 47.4 | 30.0 | 30.0 | 1.5 |
| 46.83 | 14.27 | 1395.9 | 14.6 | 1.0 | 112.9 | 130.2 | 5.6 | 5.1 | 76.9 | 30.0 | 30.0 | 3.0 |
| 47.33 | 14.43 | 1307.2 | 3.8 | 0.3 | 114.1 | 131.7 | 5.2 | 4.8 | 70.8 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1047.9 | 4.5 | 0.4 | 115.4 | 133.2 | 4.2 | 3.8 | 53.3 | 30.0 | 30.0 | 1.5 |
| 48.31 | 14.73 | 1040.0 | 7.1 | 0.7 | 116.6 | 134.6 | 4.2 | 3.8 | 52.6 | 30.0 | 30.0 | 1.5 |
| 48.80 | 14.88 | 2096.7 | 17.6 | 0.8 | 117.8 | 136.1 | 8.4 | 7.6 | 122.8 | 30.0 | 32.0 | 6.0 |
| 49.29 | 15.02 | 1984.1 | 19.7 | 1.0 | 119.0 | 137.6 | 7.9 | 7.1 | 115.2 | 30.0 | 32.0 | 3.0 |
| 49.79 | 15.18 | 1963.7 | 13.5 | 0.7 | 120.3 | 139.1 | 7.9 | 7.0 | 113.6 | 30.0 | 32.0 | 3.0 |
| 50.28 | 15.32 | 1268.5 | 9.1 | 0.7 | 121.5 | 140.5 | 5.1 | 4.5 | 67.1 | 30.0 | 30.0 | 3.0 |
| 50.77 | 15.48 | 1263.2 | 8.2 | 0.6 | 122.7 | 142.0 | 5.1 | 4.5 | 66.6 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 3145.0 | 26.2 | 0.8 | 124.0 | 143.5 | 10.5 | 9.2 | 0.0 | 31.0 | 34.0 | 1.0 |
| 51.75 | 15.77 | 11109.2 | 68.5 | 0.6 | 125.4 | 144.9 | 22.2 | 19.4 | 0.0 | 67.1 | 42.0 | 1.0 |
| 52.25 | 15.93 | 12569.1 | 90.6 | 0.7 | 126.8 | 146.4 | 25.1 | 21.8 | 0.0 | 70.4 | 42.0 | 1.0 |
| 52.74 | 16.08 | 10548.5 | 79.2 | 0.8 | 128.2 | 147.9 | 26.4 | 22.8 | 0.0 | 65.2 | 42.0 | 1.0 |
| 53.23 | 16.22 | 7673.0 | 78.7 | 1.0 | 129.6 | 149.4 | 19.2 | 16.5 | 0.0 | 56.0 | 40.0 | 1.0 |
| 53.72 | 16.38 | 3011.7 | 52.5 | 1.7 | 130.9 | 150.8 | 12.0 | 10.3 | 182.0 | 30.0 | 34.0 | 6.0 |
| 54.22 | 16.53 | 8208.4 | 98.9 | 1.2 | 132.2 | 152.3 | 20.5 | 17.5 | 0.0 | 57.6 | 40.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 2966.5 | 43.9 | 1.5 | 299.1 | 342.1 | 11.9 | 6.7 | 155.0 | 30.0 | 30.0 | 3.0 |
| 118.19 | 36.03 | 2604.3 | 32.8 | 1.3 | 300.3 | 343.6 | 10.4 | 5.9 | 130.7 | 30.0 | 30.0 | 1.5 |
| 118.68 | 36.17 | 2893.2 | 44.9 | 1.6 | 301.6 | 345.1 | 11.6 | 6.5 | 149.8 | 30.0 | 30.0 | 1.5 |
| 119.18 | 36.33 | 6735.1 | 142.0 | 2.1 | 302.8 | 346.5 | 22.5 | 12.6 | 0.0 | 40.1 | 34.0 | 1.0 |
| 119.67 | 36.47 | 15908.7 | 142.8 | 0.9 | 304.2 | 348.0 | 31.8 | 17.9 | 0.0 | 64.6 | 38.0 | 1.0 |
| 120.16 | 36.62 | 7922.3 | 113.2 | 1.4 | 305.6 | 349.5 | 26.4 | 14.8 | 0.0 | 44.6 | 34.0 | 1.0 |
| 120.65 | 36.78 | 4920.7 | 119.8 | 2.4 | 306.8 | 351.0 | 19.7 | 11.0 | 284.2 | 30.9 | 32.0 | 3.0 |
| 121.14 | 36.92 | 6798.8 | 100.9 | 1.5 | 308.1 | 352.4 | 22.7 | 12.6 | 0.0 | 40.1 | 34.0 | 1.0 |
| 121.64 | 37.08 | 2963.4 | 37.8 | 1.3 | 309.4 | 353.9 | 9.9 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 122.21 | 37.25 | 2747.5 | 41.0 | 1.5 | 310.9 | 355.6 | 11.0 | 6.1 | 138.7 | 30.0 | 30.0 | 1.5 |
| 122.78 | 37.42 | 5234.6 | 114.4 | 2.2 | 312.3 | 357.3 | 20.9 | 11.6 | 304.3 | 32.4 | 32.0 | 3.0 |
| 123.28 | 37.58 | 9433.7 | 107.8 | 1.1 | 313.6 | 358.8 | 23.6 | 13.0 | 0.0 | 49.2 | 36.0 | 1.0 |
| 123.77 | 37.72 | 4807.5 | 128.8 | 2.7 | 314.9 | 360.3 | 19.2 | 10.6 | 275.5 | 30.0 | 32.0 | 3.0 |
| 124.26 | 37.88 | 4387.4 | 98.4 | 2.2 | 316.2 | 361.7 | 17.5 | 9.7 | 247.3 | 30.0 | 30.0 | 3.0 |
| 124.75 | 38.03 | 5075.8 | 104.8 | 2.1 | 317.4 | 363.2 | 20.3 | 11.2 | 293.0 | 31.3 | 32.0 | 3.0 |
| 125.24 | 38.17 | 4464.6 | 104.3 | 2.3 | 318.6 | 364.7 | 17.9 | 9.8 | 252.1 | 30.0 | 30.0 | 3.0 |
| 125.74 | 38.33 | 3836.7 | 50.7 | 1.3 | 319.9 | 366.2 | 12.8 | 7.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.23 | 38.47 | 3319.8 | 39.0 | 1.2 | 321.2 | 367.6 | 11.1 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.72 | 38.62 | 3153.4 | 32.5 | 1.0 | 322.5 | 369.1 | 10.5 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 127.21 | 38.78 | 2805.3 | 37.7 | 1.3 | 323.8 | 370.6 | 11.2 | 6.1 | 140.7 | 30.0 | 30.0 | 1.5 |
| 127.71 | 38.92 | 4419.0 | 60.9 | 1.4 | 325.0 | 372.0 | 14.7 | 8.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.20 | 39.08 | 3638.3 | 37.4 | 1.0 | 326.3 | 373.5 | 12.1 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.69 | 39.22 | 3020.2 | 30.9 | 1.0 | 327.6 | 375.0 | 10.1 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 129.18 | 39.38 | 2934.1 | 28.8 | 1.0 | 328.9 | 376.5 | 9.8 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 129.67 | 39.53 | 3232.6 | 53.6 | 1.7 | 330.2 | 377.9 | 12.9 | 7.0 | 168.3 | 30.0 | 30.0 | 3.0 |
| 130.17 | 39.67 | 3979.9 | 35.6 | 0.9 | 331.5 | 379.4 | 13.3 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 130.66 | 39.83 | 2663.2 | 24.9 | 0.9 | 332.8 | 380.9 | 8.9 | 4.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 131.15 | 39.97 | 2542.8 | 17.7 | 0.7 | 334.1 | 382.3 | 8.5 | 4.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 131.64 | 40.12 | 2851.2 | 26.6 | 0.9 | 335.4 | 383.8 | 9.5 | 5.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 132.13 | 40.28 | 10892.4 | 103.7 | 1.0 | 336.7 | 385.3 | 27.2 | 14.5 | 0.0 | 52.3 | 36.0 | 1.0 |
| 132.63 | 40.42 | 19849.4 | 213.8 | 1.1 | 338.1 | 386.8 | 39.7 | 21.1 | 0.0 | 69.5 | 40.0 | 1.0 |
| 133.12 | 40.58 | 23142.3 | 340.0 | 1.5 | 339.5 | 388.2 | 57.9 | 30.7 | 0.0 | 73.8 | 40.0 | 1.0 |
| 133.61 | 40.72 | 24426.0 | 266.3 | 1.1 | 341.0 | 389.7 | 48.9 | 25.9 | 0.0 | 75.3 | 40.0 | 1.0 |
| 134.10 | 40.88 | 23933.3 | 320.3 | 1.3 | 342.4 | 391.2 | 59.8 | 31.6 | 0.0 | 74.7 | 40.0 | 1.0 |
| 134.59 | 41.03 | 23147.3 | 286.2 | 1.2 | 343.8 | 392.6 | 46.3 | 24.4 | 0.0 | 73.6 | 40.0 | 1.0 |
| 135.09 | 41.17 | 21025.3 | 228.1 | 1.1 | 345.2 | 394.1 | 42.1 | 22.1 | 0.0 | 70.8 | 40.0 | 1.0 |
| 135.58 | 41.33 | 21447.8 | 192.7 | 0.9 | 346.7 | 395.6 | 42.9 | 22.5 | 0.0 | 71.3 | 40.0 | 1.0 |
| 136.07 | 41.47 | 23421.5 | 215.7 | 0.9 | 348.2 | 397.1 | 46.8 | 24.6 | 0.0 | 73.8 | 40.0 | 1.0 |
| 136.56 | 41.62 | 24762.5 | 223.6 | 0.9 | 349.6 | 398.5 | 49.5 | 25.9 | 0.0 | 75.3 | 40.0 | 1.0 |
| 137.06 | 41.78 | 26399.2 | 255.8 | 1.0 | 351.1 | 400.0 | 52.8 | 27.6 | 0.0 | 77.1 | 40.0 | 1.0 |
| 137.55 | 41.92 | 24501.3 | 263.0 | 1.1 | 352.5 | 401.5 | 49.0 | 25.5 | 0.0 | 74.9 | 40.0 | 1.0 |
| 138.04 | 42.08 | 23312.5 | 182.4 | 0.8 | 354.0 | 402.9 | 46.6 | 24.3 | 0.0 | 73.4 | 40.0 | 1.0 |
| 138.53 | 42.22 | 21850.5 | 220.2 | 1.0 | 355.4 | 404.4 | 43.7 | 22.7 | 0.0 | 71.5 | 40.0 | 1.0 |
| 139.02 | 42.38 | 22039.0 | 173.7 | 0.8 | 356.9 | 405.9 | 44.1 | 22.8 | 0.0 | 71.7 | 40.0 | 1.0 |
| 139.52 | 42.53 | 18212.0 | 261.0 | 1.4 | 358.3 | 407.4 | 45.5 | 23.5 | 0.0 | 66.2 | 38.0 | 1.0 |
| 140.01 | 42.67 | 21736.5 | 168.7 | 0.8 | 359.7 | 408.8 | 43.5 | 22.4 | 0.0 | 71.2 | 40.0 | 1.0 |
| 140.50 | 42.83 | 20497.2 | 121.9 | 0.6 | 361.2 | 410.3 | 41.0 | 21.1 | 0.0 | 69.4 | 40.0 | 1.0 |
| 140.99 | 42.97 | 20832.7 | 114.8 | 0.6 | 362.6 | 411.8 | 41.7 | 21.4 | 0.0 | 69.9 | 40.0 | 1.0 |
| 141.48 | 43.12 | 19588.3 | 136.3 | 0.7 | 364.1 | 413.2 | 39.2 | 20.1 | 0.0 | 68.0 | 40.0 | 1.0 |
| 141.98 | 43.28 | 21474.6 | 140.9 | 0.7 | 365.5 | 414.7 | 42.9 | 22.0 | 0.0 | 70.6 | 40.0 | 1.0 |
| 142.47 | 43.42 | 18868.4 | 162.6 | 0.9 | 367.0 | 416.2 | 37.7 | 19.3 | 0.0 | 66.8 | 38.0 | 1.0 |
| 142.96 | 43.58 | 17739.8 | 220.7 | 1.2 | 368.4 | 417.7 | 44.3 | 22.6 | 0.0 | 65.0 | 38.0 | 1.0 |
| 143.45 | 43.72 | 20455.5 | 245.2 | 1.2 | 369.8 | 419.1 | 51.1 | 26.0 | 0.0 | 69.0 | 40.0 | 1.0 |
| 143.95 | 43.88 | 24623.1 | 195.0 | 0.8 | 371.2 | 420.6 | 49.2 | 25.0 | 0.0 | 74.3 | 40.0 | 1.0 |
| 144.44 | 44.03 | 25376.4 | 188.7 | 0.7 | 372.6 | 422.1 | 50.8 | 25.7 | 0.0 | 75.1 | 40.0 | 1.0 |
| 144.93 | 44.17 | 22889.0 | 173.1 | 0.8 | 374.1 | 423.5 | 45.8 | 23.2 | 0.0 | 72.1 | 40.0 | 1.0 |
| 145.42 | 44.33 | 22844.5 | 420.9 | 1.8 | 375.5 | 425.0 | 57.1 | 28.8 | 0.0 | 72.0 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3548
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-11-260
 Location: STRUCTURE 11
 Cone: 20 TON A 092
 CPT Date: 00/31/01
 CPT Time: 13:50
 CPT File: 300SC260.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 334.1 | 2.0 | 0.6 | 0.9 | 0.0 | 1.7 | 3.3 | 22.2 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 653.5 | 3.8 | 0.6 | 2.8 | 0.0 | 3.3 | 6.5 | 43.4 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 887.8 | 2.2 | 0.2 | 4.7 | 0.0 | 4.4 | 8.9 | 58.9 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 860.0 | 7.0 | 0.8 | 7.0 | 0.0 | 4.3 | 8.6 | 56.9 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 779.3 | 18.1 | 2.3 | 9.7 | 0.0 | 5.2 | 10.4 | 51.3 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1123.1 | 17.5 | 1.6 | 12.4 | 0.0 | 5.6 | 11.2 | 74.1 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 582.8 | 7.8 | 1.3 | 15.1 | 0.0 | 2.9 | 5.8 | 37.8 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 539.1 | 2.0 | 0.4 | 16.1 | 1.0 | 2.7 | 5.4 | 34.8 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 2744.7 | 8.4 | 0.3 | 16.9 | 2.2 | 9.1 | 18.3 | 0.0 | 55.7 | 44.0 | 1.0 |
| 4.51 | 1.38 | 2046.4 | 21.2 | 1.0 | 18.1 | 3.7 | 8.2 | 16.4 | 135.0 | 46.3 | 42.0 | 10.0 |
| 5.00 | 1.53 | 516.6 | 4.5 | 0.9 | 18.9 | 5.2 | 2.6 | 5.2 | 32.8 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 519.6 | 2.0 | 0.4 | 19.3 | 6.6 | 2.6 | 5.2 | 32.9 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 673.8 | 2.0 | 0.3 | 19.7 | 8.1 | 3.4 | 6.7 | 43.1 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 1116.7 | 6.4 | 0.6 | 20.8 | 9.8 | 4.5 | 8.9 | 72.4 | 30.0 | 38.0 | 6.0 |
| 7.14 | 2.17 | 1063.6 | 10.7 | 1.0 | 22.2 | 11.5 | 4.3 | 8.5 | 68.7 | 30.0 | 38.0 | 6.0 |
| 7.63 | 2.33 | 917.6 | 6.8 | 0.7 | 23.4 | 13.0 | 3.7 | 7.3 | 58.7 | 30.0 | 38.0 | 6.0 |
| 8.12 | 2.47 | 1193.6 | 12.8 | 1.1 | 24.7 | 14.5 | 4.8 | 9.4 | 77.0 | 30.0 | 38.0 | 6.0 |
| 8.61 | 2.62 | 1105.9 | 8.3 | 0.8 | 25.9 | 15.9 | 4.4 | 8.5 | 70.9 | 30.0 | 38.0 | 6.0 |
| 9.10 | 2.78 | 1670.7 | 13.4 | 0.8 | 27.1 | 17.4 | 6.7 | 12.6 | 108.4 | 34.7 | 40.0 | 6.0 |
| 9.60 | 2.92 | 2534.5 | 33.0 | 1.3 | 28.3 | 18.9 | 10.1 | 18.6 | 165.8 | 46.0 | 42.0 | 10.0 |
| 10.09 | 3.08 | 1251.2 | 8.3 | 0.7 | 29.6 | 20.4 | 5.0 | 9.0 | 80.1 | 30.0 | 38.0 | 6.0 |
| 10.58 | 3.22 | 5820.3 | 43.5 | 0.7 | 30.9 | 21.8 | 14.6 | 25.6 | 0.0 | 68.6 | 44.0 | 1.0 |
| 11.07 | 3.38 | 6896.7 | 85.5 | 1.2 | 32.2 | 23.3 | 23.0 | 39.6 | 0.0 | 72.9 | 46.0 | 1.0 |
| 11.56 | 3.53 | 2610.2 | 58.1 | 2.2 | 33.5 | 24.8 | 10.4 | 17.7 | 170.1 | 44.5 | 40.0 | 10.0 |
| 12.06 | 3.67 | 3756.0 | 53.1 | 1.4 | 34.7 | 26.2 | 12.5 | 20.8 | 0.0 | 54.4 | 42.0 | 1.0 |
| 12.55 | 3.83 | 1532.6 | 25.6 | 1.7 | 36.0 | 27.7 | 6.1 | 10.0 | 97.9 | 30.0 | 38.0 | 6.0 |
| 13.04 | 3.98 | 3917.4 | 47.4 | 1.2 | 37.3 | 29.2 | 13.1 | 20.9 | 0.0 | 54.6 | 42.0 | 1.0 |
| 13.53 | 4.12 | 4000.5 | 88.6 | 2.2 | 38.5 | 30.7 | 16.0 | 25.2 | 262.1 | 54.7 | 42.0 | 10.0 |
| 14.03 | 4.27 | 1315.7 | 15.0 | 1.1 | 39.8 | 32.1 | 5.3 | 8.2 | 82.9 | 30.0 | 36.0 | 6.0 |
| 14.52 | 4.43 | 1241.8 | 6.2 | 0.5 | 41.0 | 33.6 | 5.0 | 7.6 | 77.8 | 30.0 | 36.0 | 6.0 |
| 15.01 | 4.57 | 821.1 | 2.0 | 0.2 | 41.8 | 35.1 | 4.1 | 6.2 | 49.6 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 823.2 | 3.0 | 0.4 | 42.2 | 36.5 | 4.1 | 6.2 | 49.6 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 662.9 | 2.0 | 0.3 | 42.6 | 38.0 | 3.3 | 5.0 | 38.8 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 699.2 | 2.6 | 0.4 | 43.0 | 39.5 | 3.5 | 5.2 | 41.1 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 1662.7 | 12.4 | 0.7 | 43.8 | 41.0 | 6.7 | 9.8 | 105.2 | 30.0 | 38.0 | 6.0 |
| 17.47 | 5.32 | 5120.1 | 25.6 | 0.5 | 45.1 | 42.4 | 12.8 | 18.6 | 0.0 | 59.5 | 42.0 | 1.0 |
| 17.96 | 5.48 | 4888.8 | 43.4 | 0.9 | 46.5 | 43.9 | 16.3 | 23.4 | 0.0 | 57.7 | 42.0 | 1.0 |
| 18.45 | 5.62 | 1990.8 | 44.5 | 2.2 | 47.8 | 45.4 | 8.0 | 11.3 | 126.5 | 31.6 | 38.0 | 6.0 |
| 18.95 | 5.77 | 2068.4 | 8.6 | 0.4 | 49.0 | 46.8 | 6.9 | 9.6 | 0.0 | 32.3 | 38.0 | 1.0 |
| 19.44 | 5.93 | 1000.2 | 3.9 | 0.4 | 50.3 | 48.3 | 4.0 | 5.5 | 60.1 | 30.0 | 32.0 | 6.0 |
| 19.93 | 6.07 | 1219.0 | 7.0 | 0.6 | 51.5 | 49.8 | 4.9 | 6.6 | 74.5 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1080.9 | 2.2 | 0.2 | 52.7 | 51.3 | 4.3 | 5.8 | 65.1 | 30.0 | 32.0 | 6.0 |
| 20.92 | 6.38 | 862.9 | 3.2 | 0.4 | 54.0 | 52.7 | 3.5 | 4.6 | 50.4 | 30.0 | 32.0 | 3.0 |
| 21.41 | 6.52 | 868.4 | 5.9 | 0.7 | 55.2 | 54.2 | 3.5 | 4.6 | 50.6 | 30.0 | 32.0 | 3.0 |
| 21.90 | 6.68 | 788.1 | 5.0 | 0.6 | 56.4 | 55.7 | 3.9 | 5.1 | 45.1 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 1147.8 | 6.0 | 0.5 | 57.7 | 57.1 | 4.6 | 5.9 | 68.9 | 30.0 | 32.0 | 6.0 |
| 22.88 | 6.98 | 1125.9 | 4.7 | 0.4 | 58.9 | 58.6 | 4.5 | 5.7 | 67.2 | 30.0 | 32.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 850.2 | 5.1 | 0.6 | 60.1 | 60.1 | 3.4 | 4.3 | 48.7 | 30.0 | 30.0 | 3.0 |
| 23.87 | 7.27 | 997.0 | 6.3 | 0.6 | 61.3 | 61.6 | 4.0 | 5.0 | 58.3 | 30.0 | 32.0 | 3.0 |
| 24.36 | 7.43 | 1040.1 | 7.6 | 0.7 | 62.6 | 63.0 | 4.2 | 5.1 | 61.0 | 30.0 | 32.0 | 3.0 |
| 24.85 | 7.57 | 1284.0 | 10.7 | 0.8 | 63.8 | 64.5 | 5.1 | 6.3 | 77.0 | 30.0 | 32.0 | 6.0 |
| 25.34 | 7.73 | 1624.5 | 12.9 | 0.8 | 65.0 | 66.0 | 6.5 | 7.9 | 99.6 | 30.0 | 34.0 | 6.0 |
| 25.84 | 7.88 | 1791.0 | 21.0 | 1.2 | 66.3 | 67.4 | 7.2 | 8.6 | 110.5 | 30.0 | 34.0 | 6.0 |
| 26.33 | 8.02 | 2872.7 | 29.3 | 1.0 | 67.5 | 68.9 | 9.6 | 11.4 | 0.0 | 37.2 | 38.0 | 1.0 |
| 26.82 | 8.18 | 2669.7 | 31.8 | 1.2 | 68.8 | 70.4 | 10.7 | 12.6 | 168.7 | 34.8 | 38.0 | 6.0 |
| 27.31 | 8.32 | 2442.9 | 28.1 | 1.2 | 70.0 | 71.9 | 9.8 | 11.4 | 153.4 | 32.0 | 36.0 | 6.0 |
| 27.80 | 8.48 | 3625.5 | 44.3 | 1.2 | 71.3 | 73.3 | 12.1 | 14.0 | 0.0 | 43.0 | 38.0 | 1.0 |
| 28.30 | 8.62 | 13250.4 | 83.8 | 0.6 | 72.7 | 74.8 | 26.5 | 30.4 | 0.0 | 79.9 | 44.0 | 1.0 |
| 28.79 | 8.77 | 16146.2 | 118.2 | 0.7 | 74.1 | 76.3 | 32.3 | 36.7 | 0.0 | 85.3 | 46.0 | 1.0 |
| 29.28 | 8.93 | 11204.2 | 170.5 | 1.5 | 75.5 | 77.7 | 28.0 | 31.5 | 0.0 | 74.6 | 44.0 | 1.0 |
| 29.77 | 9.07 | 14984.4 | 122.5 | 0.8 | 76.9 | 79.2 | 30.0 | 33.4 | 0.0 | 82.6 | 44.0 | 1.0 |
| 30.27 | 9.23 | 12531.4 | 161.4 | 1.3 | 78.4 | 80.7 | 31.3 | 34.6 | 0.0 | 77.2 | 44.0 | 1.0 |
| 30.76 | 9.38 | 14869.1 | 152.6 | 1.0 | 79.8 | 82.2 | 29.7 | 32.6 | 0.0 | 81.9 | 44.0 | 1.0 |
| 31.17 | 9.50 | 16788.7 | 143.5 | 0.9 | 81.0 | 83.4 | 33.6 | 36.5 | 0.0 | 85.1 | 46.0 | 1.0 |
| 31.58 | 9.62 | 18172.8 | 135.8 | 0.7 | 82.2 | 84.6 | 36.3 | 39.2 | 0.0 | 87.2 | 46.0 | 1.0 |
| 32.07 | 9.77 | 18378.2 | 144.1 | 0.8 | 83.7 | 86.1 | 36.8 | 39.3 | 0.0 | 87.3 | 46.0 | 1.0 |
| 32.56 | 9.93 | 18721.0 | 158.8 | 0.8 | 85.1 | 87.6 | 37.4 | 39.7 | 0.0 | 87.6 | 46.0 | 1.0 |
| 33.05 | 10.07 | 17057.0 | 111.3 | 0.7 | 86.6 | 89.0 | 34.1 | 35.9 | 0.0 | 84.6 | 46.0 | 1.0 |
| 33.55 | 10.23 | 9605.4 | 174.8 | 1.8 | 87.9 | 90.5 | 32.0 | 33.4 | 0.0 | 68.0 | 42.0 | 1.0 |
| 34.04 | 10.38 | 14615.2 | 100.0 | 0.7 | 89.3 | 92.0 | 29.2 | 30.3 | 0.0 | 79.8 | 44.0 | 1.0 |
| 34.53 | 10.52 | 8751.2 | 100.7 | 1.2 | 90.7 | 93.4 | 21.9 | 22.5 | 0.0 | 64.8 | 42.0 | 1.0 |
| 35.02 | 10.68 | 4947.3 | 49.6 | 1.0 | 92.1 | 94.9 | 16.5 | 16.8 | 0.0 | 48.3 | 38.0 | 1.0 |
| 35.51 | 10.82 | 2670.7 | 10.7 | 0.4 | 93.4 | 96.4 | 8.9 | 9.0 | 0.0 | 30.4 | 36.0 | 1.0 |
| 36.01 | 10.98 | 1190.8 | 3.7 | 0.3 | 94.6 | 97.9 | 4.8 | 4.8 | 66.6 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 980.3 | 2.4 | 0.2 | 95.9 | 99.3 | 3.9 | 3.9 | 52.3 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 1135.8 | 7.7 | 0.7 | 97.1 | 100.8 | 4.5 | 4.5 | 62.5 | 30.0 | 30.0 | 3.0 |
| 37.48 | 11.43 | 2794.1 | 42.4 | 1.5 | 98.3 | 102.3 | 11.2 | 11.0 | 172.9 | 31.0 | 36.0 | 6.0 |
| 37.98 | 11.57 | 3361.8 | 46.4 | 1.4 | 99.6 | 103.7 | 11.2 | 11.0 | 0.0 | 36.1 | 36.0 | 1.0 |
| 38.47 | 11.73 | 1308.6 | 22.0 | 1.7 | 100.9 | 105.2 | 6.5 | 6.4 | 73.5 | 0.0 | 0.0 | 3.0 |
| 38.96 | 11.88 | 1087.0 | 19.9 | 1.8 | 102.1 | 106.7 | 5.4 | 5.3 | 58.5 | 0.0 | 0.0 | 3.0 |
| 39.45 | 12.02 | 1198.4 | 22.2 | 1.9 | 103.3 | 108.2 | 6.0 | 5.8 | 65.8 | 0.0 | 0.0 | 3.0 |
| 39.94 | 12.18 | 1005.3 | 11.2 | 1.1 | 104.5 | 109.6 | 5.0 | 4.8 | 52.7 | 0.0 | 0.0 | 3.0 |
| 40.44 | 12.32 | 1108.2 | 12.6 | 1.1 | 105.8 | 111.1 | 4.4 | 4.2 | 59.4 | 30.0 | 30.0 | 3.0 |
| 40.93 | 12.48 | 1371.3 | 15.2 | 1.1 | 107.0 | 112.6 | 5.5 | 5.2 | 76.8 | 30.0 | 30.0 | 3.0 |
| 41.42 | 12.62 | 1983.8 | 42.0 | 2.1 | 108.2 | 114.0 | 7.9 | 7.5 | 117.4 | 30.0 | 32.0 | 6.0 |
| 41.91 | 12.77 | 3597.3 | 110.3 | 3.1 | 109.5 | 115.5 | 18.0 | 16.8 | 224.8 | 0.0 | 0.0 | 6.0 |
| 42.40 | 12.93 | 4560.1 | 89.1 | 2.0 | 110.7 | 117.0 | 15.2 | 14.1 | 0.0 | 43.3 | 38.0 | 1.0 |
| 42.90 | 13.07 | 4756.2 | 68.3 | 1.4 | 112.0 | 118.5 | 15.9 | 14.7 | 0.0 | 44.3 | 38.0 | 1.0 |
| 43.39 | 13.23 | 4454.6 | 76.0 | 1.7 | 113.3 | 119.9 | 14.8 | 13.7 | 0.0 | 42.3 | 38.0 | 1.0 |
| 43.88 | 13.38 | 5780.7 | 53.4 | 0.9 | 114.7 | 121.4 | 14.5 | 13.2 | 0.0 | 49.6 | 38.0 | 1.0 |
| 44.37 | 13.52 | 5711.3 | 65.1 | 1.1 | 116.0 | 122.9 | 19.0 | 17.3 | 0.0 | 49.1 | 38.0 | 1.0 |
| 44.86 | 13.68 | 5391.6 | 112.2 | 2.1 | 117.3 | 124.3 | 18.0 | 16.2 | 0.0 | 47.3 | 38.0 | 1.0 |
| 45.36 | 13.82 | 15919.0 | 99.4 | 0.6 | 118.7 | 125.8 | 31.8 | 28.6 | 0.0 | 78.1 | 44.0 | 1.0 |
| 45.85 | 13.98 | 18928.0 | 135.6 | 0.7 | 120.2 | 127.3 | 37.9 | 33.8 | 0.0 | 82.9 | 44.0 | 1.0 |
| 46.34 | 14.12 | 17569.2 | 135.1 | 0.8 | 121.6 | 128.8 | 35.1 | 31.2 | 0.0 | 80.6 | 44.0 | 1.0 |
| 46.83 | 14.27 | 21069.2 | 152.7 | 0.7 | 123.1 | 130.2 | 42.1 | 37.2 | 0.0 | 85.7 | 44.0 | 1.0 |
| 47.33 | 14.43 | 19424.2 | 104.5 | 0.5 | 124.5 | 131.7 | 38.8 | 34.1 | 0.0 | 83.2 | 44.0 | 1.0 |
| 47.82 | 14.57 | 11514.7 | 76.7 | 0.7 | 126.0 | 133.2 | 23.0 | 20.1 | 0.0 | 68.0 | 42.0 | 1.0 |
| 48.31 | 14.73 | 6125.9 | 87.6 | 1.4 | 127.3 | 134.6 | 20.4 | 17.7 | 0.0 | 49.8 | 38.0 | 1.0 |
| 48.80 | 14.88 | 5431.8 | 130.3 | 2.4 | 128.6 | 136.1 | 21.7 | 18.8 | 344.5 | 46.2 | 38.0 | 6.0 |
| 49.29 | 15.02 | 8184.8 | 171.6 | 2.1 | 129.9 | 137.6 | 27.3 | 23.4 | 0.0 | 57.8 | 40.0 | 1.0 |
| 49.79 | 15.18 | 9951.1 | 89.2 | 0.9 | 131.2 | 139.1 | 24.9 | 21.3 | 0.0 | 63.2 | 40.0 | 1.0 |
| 50.28 | 15.32 | 4015.2 | 99.5 | 2.5 | 132.5 | 140.5 | 16.1 | 13.7 | 249.5 | 37.1 | 36.0 | 6.0 |
| 50.77 | 15.48 | 4066.2 | 101.4 | 2.5 | 133.8 | 142.0 | 16.3 | 13.8 | 252.7 | 37.3 | 36.0 | 6.0 |
| 51.26 | 15.62 | 9458.6 | 126.1 | 1.3 | 135.1 | 143.5 | 23.6 | 19.9 | 0.0 | 61.4 | 40.0 | 1.0 |
| 51.75 | 15.77 | 9166.7 | 99.9 | 1.1 | 136.4 | 144.9 | 22.9 | 19.2 | 0.0 | 60.3 | 40.0 | 1.0 |
| 52.25 | 15.93 | 7330.3 | 80.4 | 1.1 | 137.8 | 146.4 | 18.3 | 15.3 | 0.0 | 53.8 | 38.0 | 1.0 |
| 52.74 | 16.08 | 3440.9 | 58.2 | 1.7 | 139.1 | 147.9 | 13.8 | 11.4 | 210.3 | 32.0 | 34.0 | 6.0 |
| 53.23 | 16.22 | 1399.6 | 8.2 | 0.6 | 140.3 | 149.4 | 5.6 | 4.6 | 74.0 | 30.0 | 30.0 | 3.0 |
| 53.72 | 16.38 | 1708.0 | 16.7 | 1.0 | 141.6 | 150.8 | 6.8 | 5.6 | 94.4 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 1404.7 | 5.1 | 0.4 | 142.8 | 152.3 | 5.6 | 4.6 | 74.0 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 1517.3 | 7.8 | 0.5 | 144.0 | 153.8 | 6.1 | 4.9 | 81.3 | 30.0 | 30.0 | 3.0 |
| 55.20 | 16.83 | 1471.0 | 7.9 | 0.5 | 145.3 | 155.2 | 5.9 | 4.8 | 78.0 | 30.0 | 30.0 | 3.0 |
| 55.69 | 16.97 | 1391.5 | 5.7 | 0.4 | 146.5 | 156.7 | 5.6 | 4.5 | 72.6 | 30.0 | 30.0 | 1.5 |
| 56.18 | 17.12 | 1305.9 | 5.9 | 0.4 | 147.7 | 158.2 | 5.2 | 4.2 | 66.7 | 30.0 | 30.0 | 1.5 |
| 56.68 | 17.28 | 1359.3 | 21.5 | 1.6 | 148.9 | 159.7 | 5.4 | 4.4 | 70.0 | 30.0 | 30.0 | 1.5 |
| 57.17 | 17.42 | 1244.3 | 5.6 | 0.4 | 150.2 | 161.1 | 5.0 | 4.0 | 62.2 | 30.0 | 30.0 | 1.5 |
| 57.66 | 17.58 | 1248.9 | 3.1 | 0.2 | 151.4 | 162.6 | 5.0 | 4.0 | 62.3 | 30.0 | 30.0 | 1.5 |
| 58.15 | 17.72 | 1177.1 | 3.8 | 0.3 | 152.6 | 164.1 | 4.7 | 3.7 | 57.4 | 30.0 | 30.0 | 1.5 |
| 58.64 | 17.88 | 1629.8 | 18.1 | 1.1 | 153.9 | 165.5 | 6.5 | 5.1 | 87.4 | 30.0 | 30.0 | 3.0 |
| 59.14 | 18.03 | 1835.1 | 19.5 | 1.1 | 155.1 | 167.0 | 7.3 | 5.8 | 100.9 | 30.0 | 30.0 | 3.0 |
| 59.63 | 18.17 | 13247.5 | 55.3 | 0.4 | 156.4 | 168.5 | 26.5 | 20.7 | 0.0 | 68.9 | 42.0 | 1.0 |
| 60.12 | 18.33 | 6347.7 | 153.7 | 2.4 | 157.8 | 170.0 | 25.4 | 19.8 | 401.3 | 47.7 | 38.0 | 6.0 |
| 60.61 | 18.47 | 5406.8 | 118.5 | 2.2 | 159.0 | 171.4 | 21.6 | 16.8 | 338.4 | 43.0 | 36.0 | 6.0 |
| 61.10 | 18.62 | 14830.7 | 156.2 | 1.1 | 160.3 | 172.9 | 29.7 | 22.9 | 0.0 | 71.8 | 42.0 | 1.0 |
| 61.60 | 18.78 | 22589.9 | 148.6 | 0.7 | 161.8 | 174.4 | 45.2 | 34.8 | 0.0 | 83.7 | 44.0 | 1.0 |
| 62.09 | 18.92 | 17645.0 | 141.2 | 0.8 | 163.2 | 175.8 | 35.3 | 27.0 | 0.0 | 76.5 | 42.0 | 1.0 |
| 62.58 | 19.08 | 16592.2 | 131.1 | 0.8 | 164.7 | 177.3 | 33.2 | 25.3 | 0.0 | 74.6 | 42.0 | 1.0 |
| 63.07 | 19.22 | 19860.3 | 155.6 | 0.8 | 166.2 | 178.8 | 39.7 | 30.2 | 0.0 | 79.7 | 42.0 | 1.0 |
| 63.57 | 19.38 | 20861.1 | 141.0 | 0.7 | 167.6 | 180.3 | 41.7 | 31.5 | 0.0 | 81.0 | 42.0 | 1.0 |
| 64.06 | 19.53 | 18811.3 | 108.4 | 0.6 | 169.1 | 181.7 | 37.6 | 28.3 | 0.0 | 77.9 | 42.0 | 1.0 |
| 64.55 | 19.67 | 19699.1 | 96.6 | 0.5 | 170.5 | 183.2 | 39.4 | 29.5 | 0.0 | 79.1 | 42.0 | 1.0 |
| 65.04 | 19.83 | 20168.5 | 114.2 | 0.6 | 172.0 | 184.7 | 40.3 | 30.1 | 0.0 | 79.6 | 42.0 | 1.0 |
| 65.53 | 19.97 | 18054.8 | 96.0 | 0.5 | 173.4 | 186.1 | 36.1 | 26.8 | 0.0 | 76.3 | 42.0 | 1.0 |
| 66.03 | 20.12 | 15552.9 | 85.7 | 0.6 | 174.9 | 187.6 | 31.1 | 23.0 | 0.0 | 71.9 | 42.0 | 1.0 |
| 66.52 | 20.28 | 13940.9 | 63.1 | 0.5 | 176.3 | 189.1 | 27.9 | 20.6 | 0.0 | 68.7 | 42.0 | 1.0 |
| 67.01 | 20.42 | 13667.0 | 91.5 | 0.7 | 177.8 | 190.6 | 27.3 | 20.1 | 0.0 | 68.0 | 40.0 | 1.0 |
| 67.50 | 20.58 | 13885.5 | 71.5 | 0.5 | 179.2 | 192.0 | 27.8 | 20.3 | 0.0 | 68.3 | 40.0 | 1.0 |
| 67.99 | 20.72 | 10626.4 | 168.9 | 1.6 | 180.6 | 193.5 | 26.6 | 19.3 | 0.0 | 60.5 | 40.0 | 1.0 |
| 68.49 | 20.88 | 16258.4 | 142.5 | 0.9 | 182.1 | 195.0 | 32.5 | 23.6 | 0.0 | 72.6 | 42.0 | 1.0 |
| 68.98 | 21.03 | 19278.3 | 98.0 | 0.5 | 183.5 | 196.4 | 38.6 | 27.9 | 0.0 | 77.4 | 42.0 | 1.0 |
| 69.47 | 21.17 | 18427.4 | 81.7 | 0.4 | 185.0 | 197.9 | 36.9 | 26.5 | 0.0 | 76.0 | 42.0 | 1.0 |
| 69.96 | 21.33 | 17327.3 | 58.5 | 0.3 | 186.4 | 199.4 | 34.7 | 24.8 | 0.0 | 74.1 | 42.0 | 1.0 |
| 70.46 | 21.47 | 13996.5 | 114.3 | 0.8 | 187.9 | 200.9 | 28.0 | 20.0 | 0.0 | 67.9 | 40.0 | 1.0 |
| 70.95 | 21.62 | 18587.1 | 85.0 | 0.5 | 189.3 | 202.3 | 37.2 | 26.4 | 0.0 | 75.9 | 42.0 | 1.0 |
| 71.44 | 21.78 | 19525.3 | 67.1 | 0.3 | 190.8 | 203.8 | 39.1 | 27.7 | 0.0 | 77.2 | 42.0 | 1.0 |
| 71.93 | 21.92 | 21777.2 | 70.0 | 0.3 | 192.3 | 205.3 | 36.3 | 25.6 | 0.0 | 80.2 | 42.0 | 1.0 |
| 72.42 | 22.08 | 24141.9 | 63.8 | 0.3 | 193.8 | 206.7 | 40.2 | 28.3 | 0.0 | 83.1 | 42.0 | 1.0 |
| 72.92 | 22.22 | 29153.4 | 84.5 | 0.3 | 195.3 | 208.2 | 48.6 | 34.0 | 0.0 | 88.3 | 44.0 | 1.0 |
| 73.41 | 22.38 | 30051.8 | 92.8 | 0.3 | 196.9 | 209.7 | 50.1 | 34.9 | 0.0 | 89.1 | 44.0 | 1.0 |
| 73.90 | 22.53 | 26278.2 | 143.8 | 0.5 | 198.4 | 211.2 | 52.6 | 36.5 | 0.0 | 85.2 | 44.0 | 1.0 |
| 74.39 | 22.67 | 24521.6 | 131.8 | 0.5 | 199.8 | 212.6 | 49.0 | 34.0 | 0.0 | 83.1 | 42.0 | 1.0 |
| 74.88 | 22.83 | 26579.2 | 122.8 | 0.5 | 201.3 | 214.1 | 44.3 | 30.6 | 0.0 | 85.3 | 44.0 | 1.0 |
| 75.38 | 22.97 | 27603.0 | 153.1 | 0.6 | 202.8 | 215.6 | 46.0 | 31.6 | 0.0 | 86.2 | 44.0 | 1.0 |
| 75.87 | 23.12 | 28027.0 | 126.9 | 0.5 | 204.4 | 217.0 | 46.7 | 32.0 | 0.0 | 86.6 | 44.0 | 1.0 |
| 76.36 | 23.28 | 22543.3 | 111.7 | 0.5 | 205.8 | 218.5 | 45.1 | 30.8 | 0.0 | 80.2 | 42.0 | 1.0 |
| 76.85 | 23.42 | 19306.6 | 142.5 | 0.7 | 207.3 | 220.0 | 38.6 | 26.2 | 0.0 | 75.7 | 42.0 | 1.0 |
| 77.34 | 23.58 | 21820.9 | 176.2 | 0.8 | 208.8 | 221.5 | 43.6 | 29.6 | 0.0 | 79.1 | 42.0 | 1.0 |
| 77.84 | 23.72 | 24009.0 | 153.9 | 0.6 | 210.2 | 222.9 | 48.0 | 32.4 | 0.0 | 81.7 | 42.0 | 1.0 |
| 78.33 | 23.88 | 23082.0 | 125.6 | 0.5 | 211.7 | 224.4 | 46.2 | 31.1 | 0.0 | 80.5 | 42.0 | 1.0 |
| 78.82 | 24.03 | 18947.8 | 114.3 | 0.6 | 213.1 | 225.9 | 37.9 | 25.4 | 0.0 | 74.8 | 42.0 | 1.0 |
| 79.31 | 24.17 | 5931.4 | 199.0 | 3.4 | 214.5 | 227.3 | 29.7 | 19.8 | 366.0 | 0.0 | 0.0 | 6.0 |
| 79.81 | 24.33 | 5943.7 | 96.2 | 1.6 | 215.7 | 228.8 | 19.8 | 13.2 | 0.0 | 41.3 | 36.0 | 1.0 |
| 80.30 | 24.47 | 2900.3 | 59.3 | 2.0 | 217.0 | 230.3 | 11.6 | 7.7 | 163.5 | 30.0 | 30.0 | 3.0 |
| 80.79 | 24.62 | 6485.5 | 100.3 | 1.5 | 218.3 | 231.8 | 21.6 | 14.3 | 0.0 | 43.7 | 36.0 | 1.0 |
| 81.28 | 24.78 | 5026.1 | 101.3 | 2.0 | 219.6 | 233.2 | 16.8 | 11.1 | 0.0 | 36.3 | 34.0 | 1.0 |
| 81.77 | 24.92 | 2724.8 | 21.7 | 0.8 | 220.9 | 234.7 | 9.1 | 6.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 82.27 | 25.08 | 2127.1 | 17.6 | 0.8 | 222.1 | 236.2 | 8.5 | 5.6 | 111.3 | 30.0 | 30.0 | 3.0 |
| 82.76 | 25.22 | 2632.0 | 26.5 | 1.0 | 223.4 | 237.6 | 8.8 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 83.25 | 25.38 | 2965.1 | 37.2 | 1.3 | 224.7 | 239.1 | 9.9 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 83.74 | 25.53 | 2181.6 | 25.0 | 1.1 | 226.0 | 240.6 | 8.7 | 5.7 | 114.3 | 30.0 | 30.0 | 3.0 |
| 84.23 | 25.67 | 2220.9 | 42.9 | 1.9 | 227.2 | 242.1 | 8.9 | 5.8 | 116.8 | 30.0 | 30.0 | 3.0 |
| 84.73 | 25.83 | 3397.5 | 110.0 | 3.2 | 228.4 | 243.5 | 17.0 | 11.0 | 195.0 | 0.0 | 0.0 | 3.0 |
| 85.22 | 25.97 | 3115.5 | 135.2 | 4.3 | 229.6 | 245.0 | 20.8 | 13.4 | 176.1 | 0.0 | 0.0 | 3.0 |
| 85.71 | 26.12 | 2848.4 | 71.3 | 2.5 | 230.9 | 246.5 | 11.4 | 7.3 | 158.1 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 2518.0 | 32.8 | 1.3 | 232.1 | 247.9 | 10.1 | 6.5 | 135.9 | 30.0 | 30.0 | 3.0 |
| 86.70 | 26.42 | 2611.9 | 41.7 | 1.6 | 233.3 | 249.4 | 10.4 | 6.7 | 141.9 | 30.0 | 30.0 | 3.0 |
| 87.19 | 26.58 | 2379.6 | 42.6 | 1.8 | 234.6 | 250.9 | 9.5 | 6.1 | 126.3 | 30.0 | 30.0 | 3.0 |
| 87.68 | 26.72 | 2080.3 | 28.1 | 1.3 | 235.8 | 252.4 | 8.3 | 5.3 | 106.1 | 30.0 | 30.0 | 1.5 |
| 88.17 | 26.88 | 2287.5 | 40.5 | 1.8 | 237.0 | 253.8 | 9.1 | 5.8 | 119.8 | 30.0 | 30.0 | 3.0 |
| 88.66 | 27.03 | 2813.4 | 60.2 | 2.1 | 238.2 | 255.3 | 11.3 | 7.1 | 154.7 | 30.0 | 30.0 | 3.0 |
| 89.16 | 27.17 | 4321.6 | 106.2 | 2.5 | 239.5 | 256.8 | 17.3 | 10.9 | 255.0 | 30.7 | 32.0 | 6.0 |
| 89.65 | 27.33 | 13809.5 | 243.4 | 1.8 | 240.8 | 258.2 | 34.5 | 21.8 | 0.0 | 63.9 | 40.0 | 1.0 |
| 90.14 | 27.47 | 22648.6 | 195.3 | 0.9 | 242.2 | 259.7 | 45.3 | 28.5 | 0.0 | 78.0 | 42.0 | 1.0 |
| 90.63 | 27.62 | 25291.3 | 209.7 | 0.8 | 243.6 | 261.2 | 50.6 | 31.7 | 0.0 | 81.1 | 42.0 | 1.0 |
| 91.12 | 27.78 | 24491.2 | 207.3 | 0.8 | 245.1 | 262.7 | 49.0 | 30.6 | 0.0 | 80.1 | 42.0 | 1.0 |
| 91.62 | 27.92 | 17443.9 | 265.0 | 1.5 | 246.5 | 264.1 | 43.6 | 27.2 | 0.0 | 70.3 | 40.0 | 1.0 |
| 92.11 | 28.08 | 21217.7 | 196.9 | 0.9 | 247.9 | 265.6 | 42.4 | 26.4 | 0.0 | 75.8 | 42.0 | 1.0 |
| 92.60 | 28.22 | 20884.2 | 154.7 | 0.7 | 249.4 | 267.1 | 41.8 | 25.9 | 0.0 | 75.3 | 42.0 | 1.0 |
| 93.09 | 28.38 | 20685.6 | 159.7 | 0.8 | 250.8 | 268.5 | 41.4 | 25.6 | 0.0 | 74.9 | 42.0 | 1.0 |
| 93.58 | 28.53 | 24070.4 | 159.6 | 0.7 | 252.3 | 270.0 | 48.1 | 29.7 | 0.0 | 79.2 | 42.0 | 1.0 |
| 94.08 | 28.67 | 33050.2 | 207.2 | 0.6 | 253.8 | 271.5 | 55.1 | 33.8 | 0.0 | 88.2 | 44.0 | 1.0 |
| 94.57 | 28.83 | 34709.7 | 198.6 | 0.6 | 255.3 | 273.0 | 57.8 | 35.4 | 0.0 | 89.5 | 44.0 | 1.0 |
| 95.06 | 28.97 | 29230.3 | 174.6 | 0.6 | 256.8 | 274.4 | 58.5 | 35.7 | 0.0 | 84.5 | 42.0 | 1.0 |
| 95.55 | 29.12 | 26029.4 | 167.6 | 0.6 | 258.3 | 275.9 | 52.1 | 31.7 | 0.0 | 81.1 | 42.0 | 1.0 |
| 96.05 | 29.28 | 29617.4 | 183.4 | 0.6 | 259.7 | 277.4 | 59.2 | 36.0 | 0.0 | 84.7 | 42.0 | 1.0 |
| 96.54 | 29.42 | 30982.1 | 184.3 | 0.6 | 261.2 | 278.8 | 51.6 | 31.3 | 0.0 | 85.9 | 42.0 | 1.0 |
| 97.03 | 29.58 | 34235.3 | 152.3 | 0.4 | 262.7 | 280.3 | 57.1 | 34.5 | 0.0 | 88.7 | 44.0 | 1.0 |
| 97.52 | 29.72 | 36100.8 | 124.6 | 0.3 | 264.3 | 281.8 | 60.2 | 36.2 | 0.0 | 90.1 | 44.0 | 1.0 |
| 98.01 | 29.88 | 31955.4 | 143.4 | 0.4 | 265.8 | 283.3 | 53.3 | 32.0 | 0.0 | 86.6 | 42.0 | 1.0 |
| 98.51 | 30.03 | 28511.1 | 199.4 | 0.7 | 267.3 | 284.7 | 57.0 | 34.1 | 0.0 | 83.2 | 42.0 | 1.0 |
| 99.00 | 30.17 | 29779.5 | 200.3 | 0.7 | 268.7 | 286.2 | 59.6 | 35.6 | 0.0 | 84.4 | 42.0 | 1.0 |
| 99.49 | 30.33 | 28232.5 | 118.4 | 0.4 | 270.2 | 287.7 | 47.1 | 28.0 | 0.0 | 82.8 | 42.0 | 1.0 |
| 99.98 | 30.47 | 26406.3 | 98.3 | 0.4 | 271.7 | 289.1 | 44.0 | 26.1 | 0.0 | 80.8 | 42.0 | 1.0 |
| 100.47 | 30.62 | 23420.0 | 121.1 | 0.5 | 273.2 | 290.6 | 46.8 | 27.7 | 0.0 | 77.3 | 42.0 | 1.0 |
| 100.97 | 30.78 | 8718.9 | 200.6 | 2.3 | 274.6 | 292.1 | 29.1 | 17.2 | 0.0 | 48.9 | 36.0 | 1.0 |
| 101.46 | 30.92 | 3758.7 | 42.4 | 1.1 | 275.9 | 293.6 | 12.5 | 7.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 101.95 | 31.08 | 4118.9 | 31.2 | 0.8 | 277.2 | 295.0 | 13.7 | 8.1 | 0.0 | 30.0 | 32.0 | 1.0 |
| 102.44 | 31.22 | 4691.5 | 90.8 | 1.9 | 278.5 | 296.5 | 15.6 | 9.2 | 0.0 | 30.9 | 32.0 | 1.0 |
| 102.94 | 31.38 | 3168.7 | 57.4 | 1.8 | 279.8 | 298.0 | 12.7 | 7.4 | 172.7 | 30.0 | 30.0 | 3.0 |
| 103.43 | 31.53 | 5117.8 | 87.8 | 1.7 | 281.1 | 299.5 | 17.1 | 10.0 | 0.0 | 33.3 | 32.0 | 1.0 |
| 103.92 | 31.67 | 6655.5 | 141.2 | 2.1 | 282.4 | 300.9 | 22.2 | 12.9 | 0.0 | 40.7 | 34.0 | 1.0 |
| 104.41 | 31.83 | 3229.7 | 51.7 | 1.6 | 283.6 | 302.4 | 12.9 | 7.5 | 176.2 | 30.0 | 30.0 | 3.0 |
| 104.90 | 31.97 | 3544.0 | 37.4 | 1.1 | 284.9 | 303.9 | 11.8 | 6.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 105.40 | 32.12 | 3683.7 | 52.8 | 1.4 | 286.2 | 305.3 | 12.3 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 105.89 | 32.28 | 3287.6 | 42.0 | 1.3 | 287.5 | 306.8 | 11.0 | 6.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 106.38 | 32.42 | 2736.2 | 36.7 | 1.3 | 288.8 | 308.3 | 10.9 | 6.3 | 142.6 | 30.0 | 30.0 | 1.5 |
| 106.87 | 32.58 | 3047.2 | 58.0 | 1.9 | 290.0 | 309.8 | 12.2 | 7.0 | 163.2 | 30.0 | 30.0 | 3.0 |
| 107.36 | 32.72 | 3001.2 | 86.3 | 2.9 | 291.2 | 311.2 | 15.0 | 8.6 | 159.9 | 0.0 | 0.0 | 3.0 |
| 107.86 | 32.88 | 2814.1 | 65.8 | 2.3 | 292.5 | 312.7 | 11.3 | 6.4 | 147.3 | 30.0 | 30.0 | 3.0 |
| 108.35 | 33.03 | 2991.5 | 92.5 | 3.1 | 293.7 | 314.2 | 15.0 | 8.5 | 158.9 | 0.0 | 0.0 | 3.0 |
| 108.84 | 33.17 | 2980.0 | 61.1 | 2.1 | 294.9 | 315.6 | 11.9 | 6.8 | 158.0 | 30.0 | 30.0 | 3.0 |
| 109.33 | 33.33 | 3357.5 | 65.4 | 1.9 | 296.1 | 317.1 | 13.4 | 7.6 | 182.9 | 30.0 | 30.0 | 3.0 |
| 109.82 | 33.47 | 5100.4 | 49.2 | 1.0 | 297.4 | 318.6 | 17.0 | 9.6 | 0.0 | 32.4 | 32.0 | 1.0 |
| 110.32 | 33.62 | 3094.9 | 54.7 | 1.8 | 298.7 | 320.1 | 12.4 | 7.0 | 165.1 | 30.0 | 30.0 | 3.0 |
| 110.81 | 33.78 | 3767.0 | 43.8 | 1.2 | 299.9 | 321.5 | 12.6 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 111.30 | 33.92 | 3086.3 | 41.5 | 1.3 | 301.2 | 323.0 | 10.3 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 111.79 | 34.08 | 4639.1 | 68.5 | 1.5 | 302.5 | 324.5 | 15.5 | 8.7 | 0.0 | 30.0 | 32.0 | 1.0 |
| 112.29 | 34.22 | 9375.7 | 196.2 | 2.1 | 303.8 | 325.9 | 31.3 | 17.5 | 0.0 | 49.5 | 36.0 | 1.0 |
| 112.78 | 34.38 | 16098.2 | 178.8 | 1.1 | 305.2 | 327.4 | 40.2 | 22.5 | 0.0 | 64.9 | 38.0 | 1.0 |
| 113.27 | 34.53 | 19044.7 | 176.0 | 0.9 | 306.6 | 328.9 | 38.1 | 21.3 | 0.0 | 69.7 | 40.0 | 1.0 |
| 113.76 | 34.67 | 19657.0 | 198.5 | 1.0 | 308.1 | 330.4 | 39.3 | 21.9 | 0.0 | 70.5 | 40.0 | 1.0 |
| 114.25 | 34.83 | 22724.1 | 247.3 | 1.1 | 309.5 | 331.8 | 45.4 | 25.3 | 0.0 | 74.6 | 40.0 | 1.0 |
| 114.75 | 34.97 | 20511.6 | 122.3 | 0.6 | 311.0 | 333.3 | 41.0 | 22.8 | 0.0 | 71.6 | 40.0 | 1.0 |
| 115.24 | 35.12 | 7038.7 | 157.3 | 2.2 | 312.3 | 334.8 | 23.5 | 13.0 | 0.0 | 40.9 | 34.0 | 1.0 |
| 115.73 | 35.28 | 3855.8 | 41.9 | 1.1 | 313.6 | 336.2 | 12.9 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 116.22 | 35.42 | 4558.1 | 60.1 | 1.3 | 315.0 | 337.7 | 15.2 | 8.4 | 0.0 | 30.0 | 32.0 | 1.0 |
| 116.71 | 35.58 | 4020.3 | 92.9 | 2.3 | 316.2 | 339.2 | 16.1 | 8.9 | 224.3 | 30.0 | 30.0 | 3.0 |
| 117.21 | 35.72 | 4697.5 | 169.0 | 3.6 | 317.4 | 340.7 | 23.5 | 12.9 | 269.3 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 5318.7 | 88.6 | 1.7 | 318.7 | 342.1 | 17.7 | 9.7 | 0.0 | 32.6 | 32.0 | 1.0 |
| 118.19 | 36.03 | 3092.1 | 56.5 | 1.8 | 320.0 | 343.6 | 12.4 | 6.8 | 161.9 | 30.0 | 30.0 | 3.0 |
| 118.68 | 36.17 | 3231.0 | 50.7 | 1.6 | 321.2 | 345.1 | 12.9 | 7.1 | 171.0 | 30.0 | 30.0 | 3.0 |
| 119.18 | 36.33 | 10249.2 | 174.4 | 1.7 | 322.5 | 346.5 | 34.2 | 18.6 | 0.0 | 51.2 | 36.0 | 1.0 |
| 119.67 | 36.47 | 15408.2 | 231.6 | 1.5 | 323.8 | 348.0 | 38.5 | 21.0 | 0.0 | 62.8 | 38.0 | 1.0 |
| 120.16 | 36.62 | 13014.1 | 214.9 | 1.7 | 325.2 | 349.5 | 32.5 | 17.7 | 0.0 | 57.9 | 38.0 | 1.0 |
| 120.65 | 36.78 | 11474.0 | 277.7 | 2.4 | 326.5 | 351.0 | 38.2 | 20.7 | 0.0 | 54.3 | 36.0 | 1.0 |
| 121.14 | 36.92 | 13006.6 | 167.7 | 1.3 | 327.9 | 352.4 | 32.5 | 17.6 | 0.0 | 57.8 | 38.0 | 1.0 |
| 121.64 | 37.08 | 4770.9 | 154.5 | 3.2 | 329.2 | 353.9 | 23.9 | 12.9 | 272.5 | 0.0 | 0.0 | 3.0 |
| 122.21 | 37.25 | 3095.0 | 47.9 | 1.5 | 330.6 | 355.6 | 12.4 | 6.7 | 160.6 | 30.0 | 30.0 | 1.5 |
| 122.78 | 37.42 | 3026.8 | 30.1 | 1.0 | 332.1 | 357.3 | 10.1 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 123.28 | 37.58 | 2984.9 | 30.4 | 1.0 | 333.4 | 358.8 | 9.9 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 123.77 | 37.72 | 3030.4 | 47.0 | 1.5 | 334.7 | 360.3 | 12.1 | 6.5 | 155.7 | 30.0 | 30.0 | 1.5 |
| 124.26 | 37.88 | 3105.5 | 65.5 | 2.1 | 335.9 | 361.7 | 12.4 | 6.6 | 160.5 | 30.0 | 30.0 | 1.5 |
| 124.75 | 38.03 | 2808.3 | 51.3 | 1.8 | 337.1 | 363.2 | 11.2 | 6.0 | 140.5 | 30.0 | 30.0 | 1.5 |
| 125.24 | 38.17 | 2685.4 | 36.5 | 1.4 | 338.3 | 364.7 | 10.7 | 5.7 | 132.2 | 30.0 | 30.0 | 1.5 |
| 125.74 | 38.33 | 3218.1 | 54.0 | 1.7 | 339.6 | 366.2 | 12.9 | 6.8 | 167.5 | 30.0 | 30.0 | 1.5 |
| 126.23 | 38.47 | 3327.9 | 69.8 | 2.1 | 340.8 | 367.6 | 13.3 | 7.1 | 174.6 | 30.0 | 30.0 | 3.0 |
| 126.72 | 38.62 | 3911.7 | 126.1 | 3.2 | 342.0 | 369.1 | 19.6 | 10.4 | 213.4 | 0.0 | 0.0 | 3.0 |
| 127.21 | 38.78 | 4771.5 | 191.4 | 4.0 | 343.3 | 370.6 | 23.9 | 12.6 | 270.5 | 0.0 | 0.0 | 3.0 |
| 127.71 | 38.92 | 6190.4 | 168.4 | 2.7 | 344.5 | 372.0 | 24.8 | 13.1 | 364.9 | 35.8 | 32.0 | 6.0 |
| 128.20 | 39.08 | 10372.0 | 200.9 | 1.9 | 345.7 | 373.5 | 34.6 | 18.2 | 0.0 | 50.5 | 36.0 | 1.0 |
| 128.69 | 39.22 | 6740.2 | 116.1 | 1.7 | 347.0 | 375.0 | 22.5 | 11.8 | 0.0 | 38.1 | 32.0 | 1.0 |
| 129.18 | 39.38 | 4409.4 | 72.8 | 1.7 | 348.4 | 376.5 | 14.7 | 7.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 129.67 | 39.53 | 4341.9 | 110.5 | 2.5 | 349.6 | 377.9 | 17.4 | 9.1 | 241.0 | 30.0 | 30.0 | 3.0 |
| 130.17 | 39.67 | 3464.3 | 84.2 | 2.4 | 350.8 | 379.4 | 13.9 | 7.2 | 182.3 | 30.0 | 30.0 | 3.0 |
| 130.66 | 39.83 | 4049.6 | 148.0 | 3.7 | 352.1 | 380.9 | 20.2 | 10.6 | 221.1 | 0.0 | 0.0 | 3.0 |
| 131.15 | 39.97 | 4849.2 | 158.0 | 3.3 | 353.3 | 382.3 | 24.2 | 12.6 | 274.2 | 0.0 | 0.0 | 3.0 |
| 131.64 | 40.12 | 5332.2 | 87.6 | 1.6 | 354.6 | 383.8 | 17.8 | 9.2 | 0.0 | 31.1 | 32.0 | 1.0 |
| 132.13 | 40.28 | 3571.4 | 63.7 | 1.8 | 355.8 | 385.3 | 14.3 | 7.4 | 188.7 | 30.0 | 30.0 | 3.0 |
| 132.63 | 40.42 | 4158.1 | 106.6 | 2.6 | 357.1 | 386.8 | 16.6 | 8.6 | 227.6 | 30.0 | 30.0 | 3.0 |
| 133.12 | 40.58 | 3401.9 | 65.2 | 1.9 | 358.3 | 388.2 | 13.6 | 7.0 | 177.0 | 30.0 | 30.0 | 1.5 |
| 133.61 | 40.72 | 2825.3 | 44.1 | 1.6 | 359.5 | 389.7 | 11.3 | 5.8 | 138.4 | 30.0 | 30.0 | 1.5 |
| 134.10 | 40.88 | 3485.0 | 88.3 | 2.5 | 360.8 | 391.2 | 13.9 | 7.2 | 182.2 | 30.0 | 30.0 | 3.0 |
| 134.59 | 41.03 | 3478.3 | 88.2 | 2.5 | 362.0 | 392.6 | 13.9 | 7.2 | 181.6 | 30.0 | 30.0 | 3.0 |
| 135.09 | 41.17 | 3171.0 | 63.4 | 2.0 | 363.2 | 394.1 | 12.7 | 6.5 | 160.9 | 30.0 | 30.0 | 1.5 |
| 135.58 | 41.33 | 3977.7 | 95.4 | 2.4 | 364.4 | 395.6 | 15.9 | 8.2 | 214.5 | 30.0 | 30.0 | 3.0 |
| 136.07 | 41.47 | 3281.6 | 75.6 | 2.3 | 365.7 | 397.1 | 13.1 | 6.7 | 167.9 | 30.0 | 30.0 | 1.5 |
| 136.56 | 41.62 | 4128.1 | 120.5 | 2.9 | 366.9 | 398.5 | 16.5 | 8.4 | 224.2 | 30.0 | 30.0 | 3.0 |
| 137.06 | 41.78 | 6678.9 | 246.7 | 3.7 | 368.1 | 400.0 | 33.4 | 17.0 | 394.1 | 0.0 | 0.0 | 6.0 |
| 137.55 | 41.92 | 7644.7 | 257.8 | 3.4 | 369.3 | 401.5 | 30.6 | 15.6 | 458.3 | 40.9 | 32.0 | 6.0 |
| 138.04 | 42.08 | 7145.8 | 265.0 | 3.7 | 370.6 | 402.9 | 35.7 | 18.2 | 424.8 | 0.0 | 0.0 | 6.0 |
| 138.53 | 42.22 | 7788.0 | 281.6 | 3.6 | 371.8 | 404.4 | 38.9 | 19.8 | 467.4 | 0.0 | 0.0 | 6.0 |
| 139.02 | 42.38 | 10936.8 | 357.5 | 3.3 | 373.0 | 405.9 | 43.7 | 22.2 | 677.2 | 51.0 | 36.0 | 6.0 |
| 139.52 | 42.53 | 14639.8 | 364.6 | 2.5 | 374.3 | 407.4 | 48.8 | 24.7 | 0.0 | 59.3 | 38.0 | 1.0 |
| 140.01 | 42.67 | 14544.3 | 232.8 | 1.6 | 375.6 | 408.8 | 36.4 | 18.4 | 0.0 | 59.0 | 38.0 | 1.0 |
| 140.50 | 42.83 | 4973.6 | 113.4 | 2.3 | 376.9 | 410.3 | 19.9 | 10.0 | 279.1 | 30.0 | 30.0 | 3.0 |
| 140.99 | 42.97 | 3971.9 | 47.7 | 1.2 | 378.2 | 411.8 | 13.2 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 141.48 | 43.12 | 6728.6 | 118.6 | 1.8 | 379.5 | 413.2 | 22.4 | 11.3 | 0.0 | 36.8 | 32.0 | 1.0 |
| 141.98 | 43.28 | 6995.2 | 189.2 | 2.7 | 380.8 | 414.7 | 28.0 | 14.0 | 413.3 | 37.9 | 32.0 | 6.0 |
| 142.47 | 43.42 | 3837.1 | 73.7 | 1.9 | 382.0 | 416.2 | 15.3 | 7.7 | 202.6 | 30.0 | 30.0 | 3.0 |
| 142.96 | 43.58 | 3417.5 | 45.8 | 1.3 | 383.3 | 417.7 | 11.4 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 143.45 | 43.72 | 5639.4 | 77.2 | 1.4 | 384.6 | 419.1 | 18.8 | 9.4 | 0.0 | 31.6 | 32.0 | 1.0 |
| 143.95 | 43.88 | 5643.0 | 143.1 | 2.5 | 385.8 | 420.6 | 22.6 | 11.3 | 322.4 | 31.5 | 32.0 | 3.0 |
| 144.44 | 44.03 | 4287.8 | 70.9 | 1.7 | 387.1 | 422.1 | 14.3 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 144.93 | 44.17 | 5299.8 | 149.9 | 2.8 | 388.4 | 423.5 | 21.2 | 10.6 | 299.2 | 30.0 | 30.0 | 3.0 |
| 145.42 | 44.33 | 16990.4 | 239.7 | 1.4 | 389.7 | 425.0 | 42.5 | 21.2 | 0.0 | 63.0 | 38.0 | 1.0 |
| 145.91 | 44.47 | 8836.2 | 293.9 | 3.3 | 391.0 | 426.5 | 35.3 | 17.7 | 534.6 | 44.2 | 34.0 | 6.0 |
| 146.41 | 44.62 | 4903.4 | 168.4 | 3.4 | 392.2 | 428.0 | 24.5 | 12.3 | 272.2 | 0.0 | 0.0 | 3.0 |
| 146.90 | 44.78 | 5655.6 | 223.6 | 4.0 | 393.4 | 429.4 | 28.3 | 14.1 | 322.2 | 0.0 | 0.0 | 3.0 |
| 147.39 | 44.92 | 5849.5 | 262.1 | 4.5 | 394.7 | 430.9 | 29.2 | 14.6 | 334.9 | 0.0 | 0.0 | 3.0 |
| 147.88 | 45.08 | 6672.2 | 224.8 | 3.4 | 395.9 | 432.4 | 26.7 | 13.3 | 389.6 | 36.0 | 32.0 | 3.0 |
| 148.37 | 45.22 | 9579.1 | 342.9 | 3.6 | 397.1 | 433.8 | 38.3 | 19.2 | 583.2 | 46.3 | 34.0 | 6.0 |
| 148.87 | 45.38 | 10082.7 | 269.5 | 2.7 | 398.4 | 435.3 | 40.3 | 20.2 | 616.6 | 47.7 | 34.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 149.36 | 45.53 | 3966.0 | 128.0 | 3.2 | 399.6 | 436.8 | 19.8 | 9.9 | 208.6 | 0.0 | 0.0 | 3.0 |
| 149.85 | 45.67 | 5029.7 | 165.9 | 3.3 | 400.8 | 438.3 | 25.1 | 12.6 | 279.4 | 0.0 | 0.0 | 3.0 |
| 150.34 | 45.83 | 3987.4 | 104.9 | 2.6 | 402.0 | 439.7 | 15.9 | 8.0 | 209.7 | 30.0 | 30.0 | 3.0 |
| 150.83 | 45.97 | 3782.5 | 66.2 | 1.8 | 403.3 | 441.2 | 15.1 | 7.6 | 195.9 | 30.0 | 30.0 | 1.5 |
| 151.33 | 46.12 | 3675.9 | 73.0 | 2.0 | 404.5 | 442.7 | 14.7 | 7.4 | 188.6 | 30.0 | 30.0 | 1.5 |
| 151.82 | 46.28 | 5554.8 | 146.4 | 2.6 | 405.7 | 444.1 | 22.2 | 11.1 | 313.7 | 30.4 | 30.0 | 3.0 |
| 152.31 | 46.42 | 17196.8 | 308.6 | 1.8 | 407.0 | 445.6 | 43.0 | 21.5 | 0.0 | 62.7 | 38.0 | 1.0 |
| 152.80 | 46.58 | 18825.2 | 326.2 | 1.7 | 408.4 | 447.1 | 47.1 | 23.5 | 0.0 | 65.2 | 38.0 | 1.0 |
| 153.30 | 46.72 | 16754.5 | 226.0 | 1.3 | 409.8 | 448.6 | 41.9 | 20.9 | 0.0 | 61.9 | 38.0 | 1.0 |
| 153.79 | 46.88 | 5409.0 | 198.4 | 3.7 | 411.1 | 450.0 | 27.0 | 13.5 | 303.2 | 0.0 | 0.0 | 3.0 |
| 154.28 | 47.03 | 4018.9 | 58.7 | 1.5 | 412.4 | 451.5 | 13.4 | 6.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 154.77 | 47.17 | 4617.5 | 78.2 | 1.7 | 413.7 | 453.0 | 15.4 | 7.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 155.26 | 47.33 | 4646.8 | 96.8 | 2.1 | 414.9 | 454.4 | 18.6 | 9.3 | 251.8 | 30.0 | 30.0 | 3.0 |
| 155.76 | 47.47 | 3697.7 | 47.8 | 1.3 | 416.2 | 455.9 | 12.3 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 156.25 | 47.62 | 3345.8 | 33.4 | 1.0 | 417.5 | 457.4 | 11.2 | 5.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 156.74 | 47.78 | 3179.2 | 35.4 | 1.1 | 418.8 | 458.9 | 10.6 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 157.23 | 47.92 | 3214.6 | 40.9 | 1.3 | 420.1 | 460.3 | 10.7 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 157.72 | 48.08 | 5309.1 | 93.5 | 1.8 | 421.4 | 461.8 | 17.7 | 8.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 158.22 | 48.22 | 8626.9 | 164.7 | 1.9 | 422.7 | 463.3 | 28.8 | 14.4 | 0.0 | 42.4 | 32.0 | 1.0 |
| 158.71 | 48.38 | 4238.7 | 86.4 | 2.0 | 424.0 | 464.7 | 17.0 | 8.5 | 223.3 | 30.0 | 30.0 | 3.0 |
| 159.20 | 48.53 | 6574.3 | 119.0 | 1.8 | 425.2 | 466.2 | 21.9 | 11.0 | 0.0 | 34.5 | 32.0 | 1.0 |
| 159.69 | 48.67 | 5779.7 | 212.7 | 3.7 | 426.5 | 467.7 | 28.9 | 14.4 | 325.7 | 0.0 | 0.0 | 3.0 |
| 160.19 | 48.83 | 12450.8 | 384.5 | 3.1 | 427.7 | 469.2 | 49.8 | 24.9 | 770.3 | 52.7 | 36.0 | 6.0 |
| 160.68 | 48.97 | 19952.2 | 176.5 | 0.9 | 429.1 | 470.6 | 39.9 | 20.0 | 0.0 | 66.2 | 38.0 | 1.0 |
| 161.17 | 49.12 | 6899.3 | 170.5 | 2.5 | 430.4 | 472.1 | 27.6 | 13.8 | 399.8 | 35.7 | 32.0 | 3.0 |
| 161.66 | 49.28 | 7616.0 | 188.7 | 2.5 | 431.6 | 473.6 | 30.5 | 15.2 | 447.4 | 38.5 | 32.0 | 6.0 |
| 162.15 | 49.42 | 8936.9 | 289.9 | 3.2 | 432.9 | 475.0 | 35.7 | 17.9 | 535.3 | 43.1 | 32.0 | 6.0 |
| 162.65 | 49.58 | 6668.5 | 201.3 | 3.0 | 434.1 | 476.5 | 26.7 | 13.3 | 383.9 | 34.6 | 32.0 | 3.0 |
| 163.14 | 49.72 | 4486.7 | 200.9 | 4.5 | 435.3 | 478.0 | 29.9 | 15.0 | 238.2 | 0.0 | 0.0 | 3.0 |
| 163.63 | 49.88 | 3952.8 | 110.4 | 2.8 | 436.6 | 479.5 | 15.8 | 7.9 | 202.5 | 30.0 | 30.0 | 1.5 |
| 164.12 | 50.03 | 4354.5 | 140.7 | 3.2 | 437.8 | 480.9 | 21.8 | 10.9 | 229.0 | 0.0 | 0.0 | 3.0 |
| 164.61 | 50.17 | 4355.9 | 175.3 | 4.0 | 439.0 | 482.4 | 21.8 | 10.9 | 229.0 | 0.0 | 0.0 | 3.0 |
| 165.11 | 50.33 | 13703.4 | 216.8 | 1.6 | 440.3 | 483.9 | 34.3 | 17.1 | 0.0 | 55.1 | 36.0 | 1.0 |
| 165.60 | 50.47 | 12396.6 | 155.7 | 1.3 | 441.7 | 485.3 | 31.0 | 15.5 | 0.0 | 52.1 | 36.0 | 1.0 |
| 166.09 | 50.62 | 4918.0 | 158.8 | 3.2 | 443.0 | 486.8 | 24.6 | 12.3 | 265.9 | 0.0 | 0.0 | 3.0 |
| 166.58 | 50.78 | 5364.6 | 198.5 | 3.7 | 444.2 | 488.3 | 26.8 | 13.4 | 295.5 | 0.0 | 0.0 | 3.0 |
| 167.07 | 50.92 | 5140.7 | 164.6 | 3.2 | 445.5 | 489.8 | 20.6 | 10.3 | 280.4 | 30.0 | 30.0 | 3.0 |
| 167.57 | 51.08 | 7258.9 | 196.8 | 2.7 | 446.7 | 491.2 | 29.0 | 14.5 | 421.4 | 36.6 | 32.0 | 3.0 |
| 168.06 | 51.22 | 6278.2 | 157.2 | 2.5 | 447.9 | 492.7 | 25.1 | 12.6 | 355.8 | 32.4 | 30.0 | 3.0 |
| 168.55 | 51.38 | 6577.6 | 228.2 | 3.5 | 449.1 | 494.2 | 32.9 | 16.4 | 375.6 | 0.0 | 0.0 | 3.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3597
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-11-261
 Location: STRUCTURE 11
 Cone: 20 TON A 092
 CPT Date: 00/31/01
 CPT Time: 07:47
 CPT File: 300SC261.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 451.8 | 18.8 | 4.2 | 1.3 | 0.0 | 4.5 | 9.0 | 30.0 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 982.8 | 37.0 | 3.8 | 3.9 | 0.0 | 9.8 | 19.7 | 65.3 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 1306.7 | 57.5 | 4.4 | 6.6 | 0.0 | 13.1 | 26.1 | 86.7 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 1323.3 | 70.3 | 5.3 | 9.2 | 0.0 | 13.2 | 26.5 | 87.6 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 1213.2 | 65.2 | 5.4 | 11.8 | 0.0 | 12.1 | 24.3 | 80.1 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1174.9 | 30.0 | 2.6 | 14.5 | 0.0 | 5.9 | 11.7 | 77.4 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 704.5 | 20.1 | 2.9 | 17.2 | 0.0 | 4.7 | 9.4 | 45.8 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 632.5 | 19.4 | 3.1 | 18.4 | 1.0 | 6.3 | 12.7 | 40.9 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 1118.7 | 28.4 | 2.5 | 19.4 | 2.2 | 5.6 | 11.2 | 73.1 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 637.9 | 13.4 | 2.1 | 20.6 | 3.7 | 4.3 | 8.5 | 40.9 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 606.3 | 8.6 | 1.4 | 21.9 | 5.2 | 3.0 | 6.1 | 38.6 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 772.2 | 13.3 | 1.7 | 23.1 | 6.6 | 3.9 | 7.7 | 49.5 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 1062.5 | 19.4 | 1.8 | 24.3 | 8.1 | 5.3 | 10.5 | 68.7 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 1770.9 | 40.3 | 2.3 | 25.8 | 9.8 | 8.9 | 17.1 | 115.7 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 772.8 | 20.6 | 2.7 | 27.2 | 11.5 | 5.2 | 9.7 | 48.9 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 1323.2 | 26.8 | 2.0 | 28.4 | 13.0 | 6.6 | 12.1 | 85.5 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1098.0 | 14.9 | 1.4 | 29.7 | 14.5 | 5.5 | 9.9 | 70.3 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 972.1 | 23.9 | 2.5 | 30.9 | 15.9 | 4.9 | 8.6 | 61.7 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 3876.2 | 52.7 | 1.4 | 32.1 | 17.4 | 12.9 | 22.3 | 0.0 | 56.4 | 42.0 | 1.0 |
| 9.60 | 2.92 | 1488.5 | 35.9 | 2.4 | 33.4 | 18.9 | 7.4 | 12.6 | 95.7 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1203.7 | 15.2 | 1.3 | 34.6 | 20.4 | 4.8 | 8.0 | 76.6 | 30.0 | 36.0 | 6.0 |
| 10.58 | 3.22 | 11471.1 | 74.9 | 0.7 | 36.0 | 21.8 | 22.9 | 37.4 | 0.0 | 85.9 | 46.0 | 1.0 |
| 11.07 | 3.38 | 5300.4 | 88.0 | 1.7 | 37.4 | 23.3 | 17.7 | 28.3 | 0.0 | 63.2 | 44.0 | 1.0 |
| 11.56 | 3.53 | 2826.9 | 46.6 | 1.6 | 38.6 | 24.8 | 11.3 | 17.8 | 184.2 | 44.7 | 40.0 | 10.0 |
| 12.06 | 3.67 | 1916.6 | 51.1 | 2.7 | 39.9 | 26.2 | 9.6 | 14.9 | 123.4 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 2131.4 | 30.7 | 1.4 | 41.1 | 27.7 | 8.5 | 13.0 | 137.5 | 35.7 | 38.0 | 6.0 |
| 13.04 | 3.98 | 4896.4 | 78.8 | 1.6 | 42.4 | 29.2 | 16.3 | 24.5 | 0.0 | 59.1 | 42.0 | 1.0 |
| 13.53 | 4.12 | 1668.6 | 58.3 | 3.5 | 43.6 | 30.7 | 11.1 | 16.5 | 106.3 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1520.8 | 15.9 | 1.0 | 44.8 | 32.1 | 6.1 | 8.9 | 96.3 | 30.0 | 36.0 | 6.0 |
| 14.52 | 4.43 | 1192.1 | 15.1 | 1.3 | 46.1 | 33.6 | 4.8 | 6.9 | 74.2 | 30.0 | 34.0 | 6.0 |
| 15.01 | 4.57 | 1108.1 | 12.3 | 1.1 | 47.3 | 35.1 | 4.4 | 6.3 | 68.4 | 30.0 | 34.0 | 6.0 |
| 15.50 | 4.73 | 701.3 | 13.3 | 1.9 | 48.5 | 36.5 | 3.5 | 4.9 | 41.1 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 694.5 | 13.0 | 1.9 | 49.8 | 38.0 | 3.5 | 4.8 | 40.4 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 996.2 | 17.4 | 1.7 | 51.0 | 39.5 | 5.0 | 6.8 | 60.4 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 5332.2 | 18.5 | 0.3 | 52.3 | 41.0 | 13.3 | 18.0 | 0.0 | 58.5 | 42.0 | 1.0 |
| 17.47 | 5.32 | 3450.6 | 56.7 | 1.6 | 53.6 | 42.4 | 13.8 | 18.5 | 223.6 | 45.7 | 40.0 | 10.0 |
| 17.96 | 5.48 | 1246.3 | 21.4 | 1.7 | 54.8 | 43.9 | 6.2 | 8.2 | 76.5 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 2114.9 | 26.6 | 1.3 | 56.1 | 45.4 | 8.5 | 11.1 | 134.2 | 31.0 | 38.0 | 6.0 |
| 18.95 | 5.77 | 1333.7 | 28.9 | 2.2 | 57.3 | 46.8 | 6.7 | 8.6 | 82.0 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 980.4 | 22.4 | 2.3 | 58.5 | 48.3 | 4.9 | 6.3 | 58.2 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 1299.9 | 25.5 | 2.0 | 59.7 | 49.8 | 6.5 | 8.2 | 79.4 | 0.0 | 0.0 | 6.0 |
| 20.42 | 6.23 | 860.2 | 24.6 | 2.9 | 61.0 | 51.3 | 5.7 | 7.2 | 49.9 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 905.0 | 57.4 | 6.3 | 62.2 | 52.7 | 9.0 | 11.2 | 52.7 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 856.0 | 34.8 | 4.1 | 63.3 | 54.2 | 8.6 | 10.5 | 49.2 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 885.4 | 28.2 | 3.2 | 64.5 | 55.7 | 5.9 | 7.2 | 51.0 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 1004.6 | 24.9 | 2.5 | 65.7 | 57.1 | 5.0 | 6.1 | 58.8 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 866.2 | 29.5 | 3.4 | 66.9 | 58.6 | 8.7 | 10.4 | 49.4 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 1297.2 | 29.7 | 2.3 | 68.1 | 60.1 | 6.5 | 7.7 | 77.9 | 0.0 | 0.0 | 6.0 |
| 23.87 | 7.27 | 2671.5 | 49.0 | 1.8 | 69.3 | 61.6 | 10.7 | 12.6 | 169.4 | 34.7 | 38.0 | 6.0 |
| 24.36 | 7.43 | 3283.6 | 54.8 | 1.7 | 70.6 | 63.0 | 13.1 | 15.3 | 210.0 | 40.4 | 38.0 | 6.0 |
| 24.85 | 7.57 | 5601.5 | 38.3 | 0.7 | 71.9 | 64.5 | 14.0 | 16.2 | 0.0 | 55.4 | 40.0 | 1.0 |
| 25.34 | 7.73 | 10273.9 | 57.8 | 0.6 | 73.3 | 66.0 | 20.5 | 23.5 | 0.0 | 72.5 | 44.0 | 1.0 |
| 25.84 | 7.88 | 8793.3 | 72.2 | 0.8 | 74.7 | 67.4 | 22.0 | 24.9 | 0.0 | 67.8 | 42.0 | 1.0 |
| 26.33 | 8.02 | 7018.9 | 42.8 | 0.6 | 76.1 | 68.9 | 17.5 | 19.7 | 0.0 | 61.0 | 42.0 | 1.0 |
| 26.82 | 8.18 | 4483.3 | 49.6 | 1.1 | 77.4 | 70.4 | 14.9 | 16.6 | 0.0 | 47.9 | 40.0 | 1.0 |
| 27.31 | 8.32 | 2895.4 | 28.3 | 1.0 | 78.7 | 71.9 | 9.7 | 10.6 | 0.0 | 35.2 | 38.0 | 1.0 |
| 27.80 | 8.48 | 1994.5 | 28.3 | 1.4 | 80.0 | 73.3 | 8.0 | 8.7 | 122.7 | 30.0 | 34.0 | 6.0 |
| 28.30 | 8.62 | 1911.0 | 28.6 | 1.5 | 81.2 | 74.8 | 7.6 | 8.3 | 117.0 | 30.0 | 34.0 | 6.0 |
| 28.79 | 8.77 | 1374.7 | 19.1 | 1.4 | 82.5 | 76.3 | 5.5 | 5.9 | 81.1 | 30.0 | 32.0 | 3.0 |
| 29.28 | 8.93 | 963.9 | 12.8 | 1.3 | 83.7 | 77.7 | 4.8 | 5.2 | 53.5 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 952.9 | 12.9 | 1.4 | 84.9 | 79.2 | 4.8 | 5.1 | 52.6 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 1504.2 | 21.9 | 1.5 | 86.1 | 80.7 | 6.0 | 6.3 | 89.2 | 30.0 | 32.0 | 6.0 |
| 30.76 | 9.38 | 1855.2 | 40.3 | 2.2 | 87.4 | 82.2 | 7.4 | 7.8 | 112.4 | 30.0 | 34.0 | 6.0 |
| 31.17 | 9.50 | 1653.9 | 63.6 | 3.8 | 88.4 | 83.4 | 11.0 | 11.5 | 98.8 | 0.0 | 0.0 | 6.0 |
| 31.58 | 9.62 | 1256.9 | 43.7 | 3.5 | 89.4 | 84.6 | 8.4 | 8.7 | 72.2 | 0.0 | 0.0 | 3.0 |
| 32.07 | 9.77 | 1527.4 | 35.3 | 2.3 | 90.6 | 86.1 | 7.6 | 7.9 | 90.0 | 0.0 | 0.0 | 3.0 |
| 32.56 | 9.93 | 989.7 | 14.9 | 1.5 | 91.9 | 87.6 | 4.9 | 5.1 | 54.0 | 0.0 | 0.0 | 3.0 |
| 33.05 | 10.07 | 862.0 | 13.0 | 1.5 | 93.1 | 89.0 | 4.3 | 4.4 | 45.3 | 0.0 | 0.0 | 1.5 |
| 33.55 | 10.23 | 726.9 | 15.9 | 2.2 | 94.3 | 90.5 | 4.8 | 4.9 | 36.1 | 0.0 | 0.0 | 1.5 |
| 34.04 | 10.38 | 1507.9 | 28.6 | 1.9 | 95.6 | 92.0 | 7.5 | 7.5 | 88.0 | 0.0 | 0.0 | 3.0 |
| 34.53 | 10.52 | 3324.8 | 27.2 | 0.8 | 96.8 | 93.4 | 11.1 | 11.0 | 0.0 | 36.2 | 36.0 | 1.0 |
| 35.02 | 10.68 | 1414.6 | 31.3 | 2.2 | 98.1 | 94.9 | 7.1 | 7.0 | 81.4 | 0.0 | 0.0 | 3.0 |
| 35.51 | 10.82 | 1027.3 | 19.2 | 1.9 | 99.3 | 96.4 | 5.1 | 5.0 | 55.4 | 0.0 | 0.0 | 3.0 |
| 36.01 | 10.98 | 1102.7 | 13.2 | 1.2 | 100.5 | 97.9 | 4.4 | 4.3 | 60.3 | 30.0 | 30.0 | 3.0 |
| 36.50 | 11.12 | 1712.9 | 19.7 | 1.2 | 101.8 | 99.3 | 6.9 | 6.6 | 100.8 | 30.0 | 32.0 | 3.0 |
| 36.99 | 11.27 | 6654.9 | 38.0 | 0.6 | 103.1 | 100.8 | 16.6 | 16.0 | 0.0 | 55.2 | 40.0 | 1.0 |
| 37.48 | 11.43 | 9359.9 | 30.1 | 0.3 | 104.5 | 102.3 | 18.7 | 17.9 | 0.0 | 64.7 | 42.0 | 1.0 |
| 37.98 | 11.57 | 2812.4 | 40.3 | 1.4 | 105.8 | 103.7 | 11.2 | 10.7 | 173.5 | 30.1 | 34.0 | 6.0 |
| 38.47 | 11.73 | 1354.3 | 23.5 | 1.7 | 107.1 | 105.2 | 6.8 | 6.4 | 76.1 | 0.0 | 0.0 | 3.0 |
| 38.96 | 11.88 | 1506.0 | 20.8 | 1.4 | 108.3 | 106.7 | 6.0 | 5.7 | 86.1 | 30.0 | 30.0 | 3.0 |
| 39.45 | 12.02 | 1082.8 | 23.6 | 2.2 | 109.5 | 108.2 | 5.4 | 5.1 | 57.7 | 0.0 | 0.0 | 3.0 |
| 39.94 | 12.18 | 1151.4 | 25.7 | 2.2 | 110.7 | 109.6 | 5.8 | 5.4 | 62.1 | 0.0 | 0.0 | 3.0 |
| 40.44 | 12.32 | 834.6 | 22.6 | 2.7 | 112.0 | 111.1 | 5.6 | 5.1 | 40.8 | 0.0 | 0.0 | 1.5 |
| 40.93 | 12.48 | 1049.4 | 20.4 | 1.9 | 113.2 | 112.6 | 5.2 | 4.8 | 54.9 | 0.0 | 0.0 | 1.5 |
| 41.42 | 12.62 | 1540.0 | 37.4 | 2.4 | 114.4 | 114.0 | 7.7 | 7.0 | 87.4 | 0.0 | 0.0 | 3.0 |
| 41.91 | 12.77 | 4234.1 | 94.7 | 2.2 | 115.7 | 115.5 | 16.9 | 15.4 | 266.9 | 40.6 | 38.0 | 6.0 |
| 42.40 | 12.93 | 7255.3 | 71.5 | 1.0 | 117.0 | 117.0 | 18.1 | 16.4 | 0.0 | 55.8 | 40.0 | 1.0 |
| 42.90 | 13.07 | 5139.7 | 55.7 | 1.1 | 118.3 | 118.5 | 17.1 | 15.4 | 0.0 | 45.8 | 38.0 | 1.0 |
| 43.39 | 13.23 | 3602.0 | 50.7 | 1.4 | 119.6 | 119.9 | 12.0 | 10.7 | 0.0 | 35.4 | 36.0 | 1.0 |
| 43.88 | 13.38 | 4785.3 | 58.1 | 1.2 | 120.9 | 121.4 | 16.0 | 14.2 | 0.0 | 43.4 | 38.0 | 1.0 |
| 44.37 | 13.52 | 4116.0 | 50.9 | 1.2 | 122.2 | 122.9 | 13.7 | 12.1 | 0.0 | 39.0 | 36.0 | 1.0 |
| 44.86 | 13.68 | 4031.8 | 60.5 | 1.5 | 123.5 | 124.3 | 13.4 | 11.8 | 0.0 | 38.2 | 36.0 | 1.0 |
| 45.36 | 13.82 | 1927.1 | 24.6 | 1.3 | 124.8 | 125.8 | 7.7 | 6.8 | 111.8 | 30.0 | 32.0 | 3.0 |
| 45.85 | 13.98 | 1450.8 | 20.6 | 1.4 | 126.0 | 127.3 | 5.8 | 5.1 | 79.8 | 30.0 | 30.0 | 3.0 |
| 46.34 | 14.12 | 1400.6 | 27.9 | 2.0 | 127.2 | 128.8 | 7.0 | 6.1 | 76.3 | 0.0 | 0.0 | 3.0 |
| 46.83 | 14.27 | 1928.1 | 23.9 | 1.2 | 128.5 | 130.2 | 7.7 | 6.7 | 111.3 | 30.0 | 32.0 | 3.0 |
| 47.33 | 14.43 | 2411.2 | 27.0 | 1.1 | 129.7 | 131.7 | 9.6 | 8.3 | 143.3 | 30.0 | 32.0 | 6.0 |
| 47.82 | 14.57 | 2995.7 | 49.5 | 1.7 | 130.9 | 133.2 | 12.0 | 10.2 | 182.1 | 30.0 | 34.0 | 6.0 |
| 48.31 | 14.73 | 7111.2 | 53.6 | 0.8 | 132.2 | 134.6 | 17.8 | 15.1 | 0.0 | 53.5 | 38.0 | 1.0 |
| 48.80 | 14.88 | 3004.2 | 57.8 | 1.9 | 133.5 | 136.1 | 12.0 | 10.2 | 182.3 | 30.0 | 34.0 | 6.0 |
| 49.29 | 15.02 | 7426.5 | 44.9 | 0.6 | 134.8 | 137.6 | 18.6 | 15.6 | 0.0 | 54.5 | 40.0 | 1.0 |
| 49.79 | 15.18 | 14358.8 | 92.8 | 0.6 | 136.3 | 139.1 | 28.7 | 24.1 | 0.0 | 73.2 | 42.0 | 1.0 |
| 50.28 | 15.32 | 13696.5 | 68.0 | 0.5 | 137.7 | 140.5 | 27.4 | 22.8 | 0.0 | 71.7 | 42.0 | 1.0 |
| 50.77 | 15.48 | 3882.4 | 74.5 | 1.9 | 139.1 | 142.0 | 15.5 | 12.9 | 240.1 | 35.4 | 36.0 | 6.0 |
| 51.26 | 15.62 | 1647.7 | 13.6 | 0.8 | 140.3 | 143.5 | 6.6 | 5.4 | 90.9 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1391.3 | 11.4 | 0.8 | 141.5 | 144.9 | 5.6 | 4.6 | 73.7 | 30.0 | 30.0 | 3.0 |
| 52.25 | 15.93 | 1562.5 | 15.8 | 1.0 | 142.7 | 146.4 | 6.3 | 5.1 | 84.9 | 30.0 | 30.0 | 3.0 |
| 52.74 | 16.08 | 1585.7 | 15.8 | 1.0 | 144.0 | 147.9 | 6.3 | 5.2 | 86.3 | 30.0 | 30.0 | 3.0 |
| 53.23 | 16.22 | 2704.6 | 24.8 | 0.9 | 145.2 | 149.4 | 9.0 | 7.3 | 0.0 | 30.0 | 32.0 | 1.0 |
| 53.72 | 16.38 | 1928.9 | 21.8 | 1.1 | 146.5 | 150.8 | 7.7 | 6.2 | 108.8 | 30.0 | 30.0 | 3.0 |
| 54.22 | 16.53 | 5884.3 | 57.2 | 1.0 | 147.8 | 152.3 | 14.7 | 11.8 | 0.0 | 46.5 | 38.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 149.36 | 45.53 | 12492.3 | 305.0 | 2.4 | 411.8 | 436.8 | 41.6 | 20.8 | 0.0 | 53.4 | 36.0 | 1.0 |
| 149.85 | 45.67 | 18456.6 | 214.7 | 1.2 | 413.1 | 438.3 | 46.1 | 23.1 | 0.0 | 64.5 | 38.0 | 1.0 |
| 150.34 | 45.83 | 16904.3 | 163.2 | 1.0 | 414.5 | 439.7 | 33.8 | 16.9 | 0.0 | 61.9 | 38.0 | 1.0 |
| 150.83 | 45.97 | 6231.8 | 220.6 | 3.5 | 415.9 | 441.2 | 31.2 | 15.6 | 358.3 | 0.0 | 0.0 | 3.0 |
| 151.33 | 46.12 | 5748.5 | 105.6 | 1.8 | 417.1 | 442.7 | 19.2 | 9.6 | 0.0 | 30.9 | 30.0 | 1.0 |
| 151.82 | 46.28 | 3557.3 | 56.9 | 1.6 | 418.4 | 444.1 | 11.9 | 5.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 152.31 | 46.42 | 3780.9 | 50.6 | 1.3 | 419.7 | 445.6 | 12.6 | 6.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 152.80 | 46.58 | 3877.5 | 53.0 | 1.4 | 421.0 | 447.1 | 12.9 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 153.30 | 46.72 | 3480.8 | 38.2 | 1.1 | 422.3 | 448.6 | 11.6 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 153.79 | 46.88 | 3291.5 | 29.5 | 0.9 | 423.7 | 450.0 | 11.0 | 5.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 154.28 | 47.03 | 3160.7 | 29.5 | 0.9 | 425.0 | 451.5 | 10.5 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 154.77 | 47.17 | 3218.8 | 30.8 | 1.0 | 426.3 | 453.0 | 10.7 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 155.26 | 47.33 | 3376.7 | 36.3 | 1.1 | 427.6 | 454.4 | 11.3 | 5.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 155.76 | 47.47 | 7178.7 | 82.2 | 1.1 | 428.9 | 455.9 | 17.9 | 9.0 | 0.0 | 36.9 | 32.0 | 1.0 |
| 156.25 | 47.62 | 4800.6 | 115.4 | 2.4 | 430.2 | 457.4 | 19.2 | 9.6 | 260.9 | 30.0 | 30.0 | 3.0 |
| 156.74 | 47.78 | 8454.6 | 152.5 | 1.8 | 431.5 | 458.9 | 28.2 | 14.1 | 0.0 | 41.5 | 32.0 | 1.0 |
| 157.23 | 47.92 | 6537.3 | 187.4 | 2.9 | 432.7 | 460.3 | 26.1 | 13.1 | 376.3 | 34.1 | 32.0 | 3.0 |
| 157.72 | 48.08 | 9422.1 | 228.5 | 2.4 | 434.0 | 461.8 | 31.4 | 15.7 | 0.0 | 44.5 | 34.0 | 1.0 |
| 158.22 | 48.22 | 17361.6 | 279.1 | 1.6 | 435.3 | 463.3 | 43.4 | 21.7 | 0.0 | 62.0 | 38.0 | 1.0 |
| 158.71 | 48.38 | 12843.4 | 266.6 | 2.1 | 436.7 | 464.7 | 42.8 | 21.4 | 0.0 | 53.3 | 36.0 | 1.0 |
| 159.20 | 48.53 | 4610.3 | 200.4 | 4.3 | 438.0 | 466.2 | 23.1 | 11.5 | 247.1 | 0.0 | 0.0 | 3.0 |
| 159.69 | 48.67 | 11281.0 | 271.8 | 2.4 | 439.2 | 467.7 | 37.6 | 18.8 | 0.0 | 49.5 | 34.0 | 1.0 |
| 160.19 | 48.83 | 17474.2 | 229.5 | 1.3 | 440.6 | 469.2 | 43.7 | 21.8 | 0.0 | 62.0 | 38.0 | 1.0 |
| 160.68 | 48.97 | 6358.7 | 205.3 | 3.2 | 441.9 | 470.6 | 25.4 | 12.7 | 363.1 | 33.0 | 32.0 | 3.0 |
| 161.17 | 49.12 | 4405.4 | 87.3 | 2.0 | 443.1 | 472.1 | 17.6 | 8.8 | 232.7 | 30.0 | 30.0 | 3.0 |
| 161.66 | 49.28 | 6493.6 | 177.6 | 2.7 | 444.3 | 473.6 | 26.0 | 13.0 | 371.7 | 33.5 | 32.0 | 3.0 |
| 162.15 | 49.42 | 12027.3 | 202.3 | 1.7 | 445.6 | 475.0 | 30.1 | 15.0 | 0.0 | 51.2 | 34.0 | 1.0 |
| 162.65 | 49.58 | 5031.8 | 112.7 | 2.2 | 446.9 | 476.5 | 20.1 | 10.1 | 273.9 | 30.0 | 30.0 | 3.0 |
| 163.14 | 49.72 | 6940.3 | 194.7 | 2.8 | 448.2 | 478.0 | 27.8 | 13.9 | 400.9 | 35.3 | 32.0 | 3.0 |
| 163.63 | 49.88 | 4411.1 | 111.0 | 2.5 | 449.4 | 479.5 | 17.6 | 8.8 | 232.1 | 30.0 | 30.0 | 3.0 |
| 164.12 | 50.03 | 4957.1 | 105.5 | 2.1 | 450.6 | 480.9 | 19.8 | 9.9 | 268.4 | 30.0 | 30.0 | 3.0 |
| 164.61 | 50.17 | 6039.3 | 141.7 | 2.3 | 451.8 | 482.4 | 24.2 | 12.1 | 340.3 | 31.2 | 30.0 | 3.0 |
| 165.11 | 50.33 | 5713.6 | 131.7 | 2.3 | 453.1 | 483.9 | 22.9 | 11.4 | 318.4 | 30.0 | 30.0 | 3.0 |
| 165.60 | 50.47 | 5466.8 | 137.1 | 2.5 | 454.3 | 485.3 | 21.9 | 10.9 | 301.8 | 30.0 | 30.0 | 3.0 |
| 166.09 | 50.62 | 9433.4 | 288.9 | 3.1 | 455.5 | 486.8 | 37.7 | 18.9 | 566.1 | 43.9 | 32.0 | 6.0 |
| 166.58 | 50.78 | 11387.4 | 397.9 | 3.5 | 456.8 | 488.3 | 45.5 | 22.8 | 696.2 | 49.2 | 34.0 | 6.0 |
| 167.07 | 50.92 | 19256.1 | 264.1 | 1.4 | 458.1 | 489.8 | 48.1 | 24.1 | 0.0 | 64.2 | 38.0 | 1.0 |
| 167.57 | 51.08 | 24203.7 | 212.5 | 0.9 | 459.5 | 491.2 | 48.4 | 24.2 | 0.0 | 70.8 | 38.0 | 1.0 |
| 168.06 | 51.22 | 24030.6 | 243.6 | 1.0 | 460.9 | 492.7 | 48.1 | 24.0 | 0.0 | 70.5 | 38.0 | 1.0 |
| 168.55 | 51.38 | 25249.7 | 173.3 | 0.7 | 462.4 | 494.2 | 50.5 | 25.2 | 0.0 | 71.9 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3652
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-12-264
 Location: STRUCTURE 12
 Cone: 20 TON A 058
 CPT Date: 00/26/01
 CPT Time: 09:47
 CPT File: 300SC264.COR

Water Table (m): 1.00 (ft): 3.3
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 568.5 | 11.0 | 1.9 | 1.4 | 0.0 | 3.8 | 7.6 | 37.8 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 665.3 | 23.1 | 3.5 | 4.0 | 0.0 | 6.7 | 13.3 | 44.1 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 992.7 | 32.3 | 3.3 | 6.7 | 0.0 | 6.6 | 13.2 | 65.7 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 2365.6 | 74.8 | 3.2 | 9.4 | 0.0 | 11.8 | 23.7 | 157.1 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 2002.0 | 106.8 | 5.3 | 12.0 | 0.0 | 20.0 | 40.0 | 132.7 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1933.3 | 139.2 | 7.2 | 14.7 | 0.0 | 19.3 | 38.7 | 127.9 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 1451.4 | 127.0 | 8.8 | 17.3 | 0.0 | 14.5 | 29.0 | 95.6 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 1356.4 | 94.9 | 7.0 | 18.5 | 1.0 | 13.6 | 27.1 | 89.1 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 1427.4 | 93.5 | 6.6 | 19.5 | 2.2 | 14.3 | 28.5 | 93.7 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1227.8 | 79.7 | 6.5 | 20.6 | 3.7 | 12.3 | 24.6 | 80.2 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 1038.7 | 57.5 | 5.5 | 21.8 | 5.2 | 10.4 | 20.8 | 67.4 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1053.9 | 53.5 | 5.1 | 22.9 | 6.6 | 10.5 | 21.1 | 68.3 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 998.7 | 49.5 | 5.0 | 24.1 | 8.1 | 10.0 | 19.9 | 64.4 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 727.7 | 37.0 | 5.1 | 25.4 | 9.8 | 7.3 | 14.1 | 46.2 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 479.4 | 23.6 | 4.9 | 26.8 | 11.5 | 4.8 | 9.1 | 29.4 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 681.9 | 15.2 | 2.2 | 28.0 | 13.0 | 4.5 | 8.4 | 42.7 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 848.3 | 15.9 | 1.9 | 29.2 | 14.5 | 4.2 | 7.7 | 53.6 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 675.8 | 16.6 | 2.5 | 30.4 | 15.9 | 4.5 | 8.0 | 42.0 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 511.4 | 14.6 | 2.8 | 31.6 | 17.4 | 5.1 | 8.9 | 30.8 | 0.0 | 0.0 | 3.0 |
| 9.60 | 2.92 | 466.7 | 18.0 | 3.9 | 32.8 | 18.9 | 4.7 | 8.0 | 27.7 | 0.0 | 0.0 | 3.0 |
| 10.09 | 3.08 | 566.0 | 18.9 | 3.3 | 33.9 | 20.4 | 5.7 | 9.5 | 34.1 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 544.4 | 11.3 | 2.1 | 35.1 | 21.8 | 3.6 | 6.0 | 32.5 | 0.0 | 0.0 | 3.0 |
| 11.07 | 3.38 | 703.2 | 17.9 | 2.5 | 36.3 | 23.3 | 4.7 | 7.6 | 42.9 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 736.2 | 20.2 | 2.7 | 37.6 | 24.8 | 4.9 | 7.8 | 44.9 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 683.8 | 17.5 | 2.6 | 38.8 | 26.2 | 4.6 | 7.2 | 41.3 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 3002.8 | 26.2 | 0.9 | 40.0 | 27.7 | 10.0 | 15.5 | 0.0 | 45.9 | 40.0 | 1.0 |
| 13.04 | 3.98 | 4961.9 | 33.9 | 0.7 | 41.4 | 29.2 | 12.4 | 18.9 | 0.0 | 59.8 | 42.0 | 1.0 |
| 13.53 | 4.12 | 3861.1 | 32.3 | 0.8 | 42.7 | 30.7 | 12.9 | 19.3 | 0.0 | 52.2 | 42.0 | 1.0 |
| 14.03 | 4.27 | 1511.1 | 15.3 | 1.0 | 44.0 | 32.1 | 6.0 | 8.9 | 95.7 | 30.0 | 36.0 | 6.0 |
| 14.52 | 4.43 | 911.5 | 12.1 | 1.3 | 45.2 | 33.6 | 4.6 | 6.6 | 55.5 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 841.9 | 13.7 | 1.6 | 46.5 | 35.1 | 4.2 | 6.0 | 50.7 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1175.8 | 17.7 | 1.5 | 47.7 | 36.5 | 5.9 | 8.3 | 72.8 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 2210.0 | 44.1 | 2.0 | 48.9 | 38.0 | 8.8 | 12.4 | 141.5 | 34.3 | 38.0 | 6.0 |
| 16.49 | 5.02 | 4236.8 | 36.7 | 0.9 | 50.2 | 39.5 | 14.1 | 19.5 | 0.0 | 52.5 | 42.0 | 1.0 |
| 16.98 | 5.18 | 1199.6 | 16.8 | 1.4 | 51.4 | 41.0 | 6.0 | 8.2 | 73.8 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 965.8 | 5.7 | 0.6 | 52.7 | 42.4 | 3.9 | 5.2 | 58.0 | 30.0 | 32.0 | 6.0 |
| 17.96 | 5.48 | 916.1 | 8.7 | 0.9 | 53.9 | 43.9 | 4.6 | 6.1 | 54.6 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 1007.9 | 11.3 | 1.1 | 55.1 | 45.4 | 5.0 | 6.6 | 60.5 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1005.9 | 18.3 | 1.8 | 56.4 | 46.8 | 5.0 | 6.6 | 60.2 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 1239.3 | 30.4 | 2.5 | 57.6 | 48.3 | 6.2 | 8.0 | 75.6 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1220.0 | 32.3 | 2.6 | 58.8 | 49.8 | 6.1 | 7.8 | 74.1 | 0.0 | 0.0 | 6.0 |
| 20.42 | 6.23 | 1232.9 | 54.5 | 4.4 | 60.0 | 51.3 | 12.3 | 15.6 | 74.8 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 1167.6 | 51.6 | 4.4 | 61.2 | 52.7 | 11.7 | 14.6 | 70.2 | 0.0 | 0.0 | 6.0 |
| 21.41 | 6.52 | 1278.5 | 54.0 | 4.2 | 62.3 | 54.2 | 12.8 | 15.9 | 77.5 | 0.0 | 0.0 | 6.0 |
| 21.90 | 6.68 | 1548.4 | 58.3 | 3.8 | 63.5 | 55.7 | 10.3 | 12.7 | 95.3 | 0.0 | 0.0 | 6.0 |
| 22.39 | 6.82 | 1810.7 | 96.3 | 5.3 | 64.7 | 57.1 | 18.1 | 22.0 | 112.6 | 0.0 | 0.0 | 6.0 |
| 22.88 | 6.98 | 1537.4 | 49.0 | 3.2 | 65.9 | 58.6 | 7.7 | 9.3 | 94.2 | 0.0 | 0.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 86.20 | 26.28 | 3323.8 | 75.5 | 2.3 | 226.7 | 247.9 | 13.3 | 8.6 | 189.9 | 30.0 | 32.0 | 3.0 |
| 86.70 | 26.42 | 3364.7 | 83.6 | 2.5 | 227.9 | 249.4 | 13.5 | 8.7 | 192.5 | 30.0 | 32.0 | 3.0 |
| 87.19 | 26.58 | 3188.5 | 93.0 | 2.9 | 229.1 | 250.9 | 15.9 | 10.3 | 180.6 | 0.0 | 0.0 | 3.0 |
| 87.68 | 26.72 | 2832.4 | 68.4 | 2.4 | 230.3 | 252.4 | 11.3 | 7.3 | 156.6 | 30.0 | 30.0 | 3.0 |
| 88.17 | 26.88 | 2701.9 | 57.9 | 2.1 | 231.6 | 253.8 | 10.8 | 7.0 | 147.8 | 30.0 | 30.0 | 3.0 |
| 88.66 | 27.03 | 2830.0 | 63.4 | 2.2 | 232.8 | 255.3 | 11.3 | 7.3 | 156.1 | 30.0 | 30.0 | 3.0 |
| 89.16 | 27.17 | 3157.0 | 93.5 | 3.0 | 234.0 | 256.8 | 15.8 | 10.1 | 177.7 | 0.0 | 0.0 | 3.0 |
| 89.65 | 27.33 | 3190.6 | 114.5 | 3.6 | 235.3 | 258.2 | 16.0 | 10.2 | 179.8 | 0.0 | 0.0 | 3.0 |
| 90.14 | 27.47 | 2709.5 | 103.9 | 3.8 | 236.5 | 259.7 | 18.1 | 11.5 | 147.6 | 0.0 | 0.0 | 3.0 |
| 90.63 | 27.62 | 2599.2 | 83.5 | 3.2 | 237.7 | 261.2 | 13.0 | 8.2 | 140.0 | 0.0 | 0.0 | 3.0 |
| 91.12 | 27.78 | 3362.4 | 103.5 | 3.1 | 238.9 | 262.7 | 16.8 | 10.6 | 190.7 | 0.0 | 0.0 | 3.0 |
| 91.62 | 27.92 | 2850.4 | 107.3 | 3.8 | 240.2 | 264.1 | 14.3 | 9.0 | 156.4 | 0.0 | 0.0 | 3.0 |
| 92.11 | 28.08 | 2744.4 | 58.5 | 2.1 | 241.4 | 265.6 | 11.0 | 6.9 | 149.2 | 30.0 | 30.0 | 3.0 |
| 92.60 | 28.22 | 3021.7 | 95.9 | 3.2 | 242.6 | 267.1 | 15.1 | 9.5 | 167.5 | 0.0 | 0.0 | 3.0 |
| 93.09 | 28.38 | 3099.4 | 125.4 | 4.0 | 243.9 | 268.5 | 20.7 | 13.0 | 172.5 | 0.0 | 0.0 | 3.0 |
| 93.58 | 28.53 | 2979.9 | 102.3 | 3.4 | 245.1 | 270.0 | 14.9 | 9.3 | 164.3 | 0.0 | 0.0 | 3.0 |
| 94.08 | 28.67 | 2915.3 | 61.3 | 2.1 | 246.3 | 271.5 | 11.7 | 7.3 | 159.8 | 30.0 | 30.0 | 3.0 |
| 94.57 | 28.83 | 6465.1 | 71.9 | 1.1 | 247.6 | 273.0 | 21.6 | 13.4 | 0.0 | 41.8 | 34.0 | 1.0 |
| 95.06 | 28.97 | 18150.1 | 51.4 | 0.3 | 249.0 | 274.4 | 36.3 | 22.5 | 0.0 | 71.3 | 40.0 | 1.0 |
| 95.55 | 29.12 | 9332.4 | 167.7 | 1.8 | 250.3 | 275.9 | 31.1 | 19.2 | 0.0 | 52.1 | 38.0 | 1.0 |
| 96.05 | 29.28 | 8488.2 | 242.1 | 2.9 | 251.6 | 277.4 | 34.0 | 20.9 | 530.6 | 49.4 | 36.0 | 6.0 |
| 96.54 | 29.42 | 17634.7 | 213.1 | 1.2 | 252.9 | 278.8 | 44.1 | 27.1 | 0.0 | 70.2 | 40.0 | 1.0 |
| 97.03 | 29.58 | 24985.8 | 113.7 | 0.5 | 254.4 | 280.3 | 41.6 | 25.6 | 0.0 | 80.1 | 42.0 | 1.0 |
| 97.52 | 29.72 | 26280.1 | 71.3 | 0.3 | 255.9 | 281.8 | 43.8 | 26.8 | 0.0 | 81.5 | 42.0 | 1.0 |
| 98.01 | 29.88 | 26643.4 | 99.0 | 0.4 | 257.4 | 283.3 | 44.4 | 27.1 | 0.0 | 81.8 | 42.0 | 1.0 |
| 98.51 | 30.03 | 28140.4 | 87.6 | 0.3 | 258.9 | 284.7 | 46.9 | 28.5 | 0.0 | 83.3 | 42.0 | 1.0 |
| 99.00 | 30.17 | 26198.9 | 82.8 | 0.3 | 260.5 | 286.2 | 43.7 | 26.5 | 0.0 | 81.2 | 42.0 | 1.0 |
| 99.49 | 30.33 | 25274.1 | 91.3 | 0.4 | 262.0 | 287.7 | 42.1 | 25.5 | 0.0 | 80.0 | 42.0 | 1.0 |
| 99.98 | 30.47 | 25346.6 | 46.4 | 0.2 | 263.5 | 289.1 | 42.2 | 25.5 | 0.0 | 80.0 | 42.0 | 1.0 |
| 100.47 | 30.62 | 7979.2 | 148.2 | 1.9 | 264.9 | 290.6 | 26.6 | 16.0 | 0.0 | 46.8 | 36.0 | 1.0 |
| 100.97 | 30.78 | 3607.6 | 46.4 | 1.3 | 266.2 | 292.1 | 12.0 | 7.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 101.46 | 30.92 | 3646.3 | 54.1 | 1.5 | 267.5 | 293.6 | 12.2 | 7.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 101.95 | 31.08 | 3582.1 | 76.8 | 2.1 | 268.8 | 295.0 | 14.3 | 8.6 | 201.2 | 30.0 | 30.0 | 3.0 |
| 102.44 | 31.22 | 3518.9 | 83.6 | 2.4 | 270.0 | 296.5 | 14.1 | 8.4 | 196.8 | 30.0 | 30.0 | 3.0 |
| 102.94 | 31.38 | 3427.7 | 69.2 | 2.0 | 271.3 | 298.0 | 13.7 | 8.1 | 190.6 | 30.0 | 30.0 | 3.0 |
| 103.43 | 31.53 | 3157.5 | 60.1 | 1.9 | 272.5 | 299.5 | 12.6 | 7.5 | 172.4 | 30.0 | 30.0 | 3.0 |
| 103.92 | 31.67 | 2825.1 | 58.1 | 2.1 | 273.7 | 300.9 | 11.3 | 6.7 | 150.0 | 30.0 | 30.0 | 3.0 |
| 104.41 | 31.83 | 3234.2 | 58.3 | 1.8 | 275.0 | 302.4 | 12.9 | 7.6 | 177.1 | 30.0 | 30.0 | 3.0 |
| 104.90 | 31.97 | 6633.4 | 77.7 | 1.2 | 276.2 | 303.9 | 22.1 | 13.0 | 0.0 | 40.9 | 34.0 | 1.0 |
| 105.40 | 32.12 | 7190.3 | 152.9 | 2.1 | 277.5 | 305.3 | 24.0 | 14.1 | 0.0 | 43.2 | 34.0 | 1.0 |
| 105.89 | 32.28 | 5687.8 | 128.6 | 2.3 | 278.8 | 306.8 | 22.8 | 13.3 | 340.1 | 36.4 | 32.0 | 6.0 |
| 106.38 | 32.42 | 5944.8 | 101.4 | 1.7 | 280.1 | 308.3 | 19.8 | 11.6 | 0.0 | 37.6 | 34.0 | 1.0 |
| 106.87 | 32.58 | 3882.3 | 86.8 | 2.2 | 281.3 | 309.8 | 15.5 | 9.1 | 219.4 | 30.0 | 30.0 | 3.0 |
| 107.36 | 32.72 | 8967.6 | 219.1 | 2.4 | 282.6 | 311.2 | 29.9 | 17.4 | 0.0 | 49.3 | 36.0 | 1.0 |
| 107.86 | 32.88 | 17415.3 | 279.3 | 1.6 | 283.9 | 312.7 | 43.5 | 25.3 | 0.0 | 68.2 | 40.0 | 1.0 |
| 108.35 | 33.03 | 19306.0 | 334.5 | 1.7 | 285.3 | 314.2 | 48.3 | 28.0 | 0.0 | 71.1 | 40.0 | 1.0 |
| 108.84 | 33.17 | 22451.6 | 180.0 | 0.8 | 286.7 | 315.6 | 44.9 | 26.0 | 0.0 | 75.4 | 40.0 | 1.0 |
| 109.33 | 33.33 | 17697.5 | 101.8 | 0.6 | 288.2 | 317.1 | 35.4 | 20.4 | 0.0 | 68.5 | 40.0 | 1.0 |
| 109.82 | 33.47 | 16900.3 | 212.4 | 1.3 | 289.6 | 318.6 | 42.3 | 24.3 | 0.0 | 67.1 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3691
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-13-305
 Location: STRUCTURE 13
 Cone: 20 TON A 070
 CPT Date: 00/04/02
 CPT Time: 08:11
 CPT File: 300SC305.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 4701.8 | 21.1 | 0.4 | 1.4 | 0.0 | 11.8 | 23.5 | 0.0 | 95.0 | 50.0 | 1.0 |
| 0.74 | 0.23 | 2001.8 | 29.0 | 1.4 | 4.2 | 0.0 | 8.0 | 16.0 | 133.2 | 66.6 | 48.0 | 10.0 |
| 1.23 | 0.38 | 1221.7 | 46.7 | 3.8 | 6.9 | 0.0 | 12.2 | 24.4 | 81.0 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 1209.9 | 43.0 | 3.6 | 9.3 | 0.2 | 8.1 | 16.1 | 80.0 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 1148.8 | 30.4 | 2.6 | 10.5 | 1.7 | 5.7 | 11.5 | 75.8 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1387.0 | 53.2 | 3.8 | 11.7 | 3.2 | 13.9 | 27.7 | 91.5 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 1545.5 | 60.8 | 3.9 | 12.9 | 4.7 | 15.5 | 30.9 | 101.9 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 1301.4 | 38.7 | 3.0 | 13.8 | 5.9 | 6.5 | 13.0 | 85.4 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 1513.3 | 67.3 | 4.4 | 14.8 | 7.1 | 15.1 | 30.3 | 99.4 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1383.0 | 93.6 | 6.8 | 16.0 | 8.6 | 13.8 | 27.7 | 90.6 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 931.2 | 58.3 | 6.3 | 17.1 | 10.1 | 9.3 | 18.6 | 60.3 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1018.8 | 41.4 | 4.1 | 18.3 | 11.5 | 10.2 | 20.4 | 65.9 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 1552.5 | 65.2 | 4.2 | 19.4 | 13.0 | 15.5 | 31.1 | 101.3 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 1476.3 | 35.2 | 2.4 | 20.8 | 14.7 | 7.4 | 14.8 | 96.0 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 1748.4 | 75.4 | 4.3 | 22.2 | 16.4 | 17.5 | 35.0 | 114.0 | 0.0 | 0.0 | 10.0 |
| 7.63 | 2.33 | 1768.9 | 84.8 | 4.8 | 23.4 | 17.9 | 17.7 | 35.4 | 115.2 | 0.0 | 0.0 | 10.0 |
| 8.12 | 2.47 | 1508.6 | 84.1 | 5.6 | 24.5 | 19.4 | 15.1 | 29.8 | 97.6 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 1557.6 | 68.5 | 4.4 | 25.7 | 20.8 | 15.6 | 30.1 | 100.7 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 1306.3 | 51.1 | 3.9 | 26.8 | 22.3 | 13.1 | 24.7 | 83.8 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1507.7 | 54.3 | 3.6 | 28.0 | 23.8 | 10.1 | 18.6 | 97.1 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1449.0 | 49.3 | 3.4 | 29.3 | 25.3 | 9.7 | 17.5 | 93.0 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1488.1 | 50.7 | 3.4 | 30.5 | 26.7 | 9.9 | 17.6 | 95.4 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1421.2 | 58.6 | 4.1 | 31.7 | 28.2 | 14.2 | 24.7 | 90.8 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1431.5 | 56.2 | 3.9 | 32.8 | 29.7 | 14.3 | 24.4 | 91.3 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1331.9 | 54.8 | 4.1 | 34.0 | 31.1 | 13.3 | 22.4 | 84.5 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1057.9 | 44.8 | 4.2 | 35.1 | 32.6 | 10.6 | 17.5 | 66.0 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1159.5 | 48.3 | 4.2 | 36.3 | 34.1 | 11.6 | 18.8 | 72.6 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1121.0 | 44.4 | 4.0 | 37.5 | 35.6 | 11.2 | 17.9 | 69.9 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1125.2 | 42.3 | 3.8 | 38.6 | 37.0 | 11.3 | 17.7 | 70.0 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1054.2 | 32.8 | 3.1 | 39.8 | 38.5 | 7.0 | 10.9 | 65.1 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1127.4 | 39.3 | 3.5 | 41.0 | 40.0 | 7.5 | 11.5 | 69.8 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1211.3 | 35.7 | 2.9 | 42.3 | 41.4 | 6.1 | 9.1 | 75.2 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1236.5 | 31.3 | 2.5 | 43.5 | 42.9 | 6.2 | 9.2 | 76.7 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 1078.0 | 22.9 | 2.1 | 44.7 | 44.4 | 5.4 | 7.9 | 65.9 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1133.1 | 18.1 | 1.6 | 45.9 | 45.9 | 5.7 | 8.2 | 69.4 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 1161.7 | 20.1 | 1.7 | 47.2 | 47.3 | 5.8 | 8.3 | 71.1 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 1378.2 | 22.5 | 1.6 | 48.4 | 48.8 | 5.5 | 7.8 | 85.4 | 30.0 | 36.0 | 6.0 |
| 18.45 | 5.62 | 1323.7 | 17.1 | 1.3 | 49.6 | 50.3 | 5.3 | 7.4 | 81.6 | 30.0 | 34.0 | 6.0 |
| 18.95 | 5.77 | 1553.1 | 25.1 | 1.6 | 50.9 | 51.7 | 6.2 | 8.5 | 96.7 | 30.0 | 36.0 | 6.0 |
| 19.44 | 5.93 | 1365.2 | 19.9 | 1.5 | 52.1 | 53.2 | 5.5 | 7.4 | 84.0 | 30.0 | 34.0 | 6.0 |
| 19.93 | 6.07 | 1266.2 | 14.9 | 1.2 | 53.3 | 54.7 | 5.1 | 6.8 | 77.2 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1091.8 | 14.3 | 1.3 | 54.5 | 56.2 | 5.5 | 7.2 | 65.4 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 886.6 | 10.0 | 1.1 | 55.8 | 57.6 | 4.4 | 5.8 | 51.5 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 752.5 | 7.1 | 0.9 | 57.0 | 59.1 | 3.8 | 4.9 | 42.4 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 718.0 | 5.5 | 0.8 | 58.2 | 60.6 | 3.6 | 4.6 | 39.9 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 828.9 | 7.3 | 0.9 | 59.5 | 62.0 | 4.1 | 5.3 | 47.2 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 1795.8 | 14.7 | 0.8 | 60.7 | 63.5 | 7.2 | 9.0 | 111.4 | 30.0 | 36.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 11238.8 | 448.3 | 4.0 | 309.9 | 347.0 | 112.4 | 62.5 | 0.0 | 54.4 | 38.0 | 1.0 |
| 118.19 | 36.03 | 17161.1 | 314.2 | 1.8 | 311.4 | 348.5 | 42.9 | 23.8 | 0.0 | 66.5 | 40.0 | 1.0 |
| 118.68 | 36.17 | 11897.9 | 316.3 | 2.7 | 312.7 | 350.0 | 39.7 | 21.9 | 0.0 | 55.9 | 38.0 | 1.0 |
| 119.18 | 36.33 | 4944.5 | 127.6 | 2.6 | 314.0 | 351.4 | 19.8 | 10.9 | 285.3 | 30.7 | 32.0 | 3.0 |
| 119.67 | 36.47 | 6804.2 | 225.8 | 3.3 | 315.2 | 352.9 | 27.2 | 15.0 | 409.1 | 39.8 | 34.0 | 6.0 |
| 120.16 | 36.62 | 9187.1 | 351.9 | 3.8 | 316.5 | 354.4 | 45.9 | 25.3 | 567.8 | 0.0 | 0.0 | 6.0 |
| 120.65 | 36.78 | 19808.7 | 311.5 | 1.6 | 317.8 | 355.9 | 49.5 | 27.2 | 0.0 | 70.3 | 40.0 | 1.0 |
| 121.14 | 36.92 | 35805.3 | 344.7 | 1.0 | 319.2 | 357.3 | 71.6 | 39.2 | 0.0 | 87.2 | 42.0 | 1.0 |
| 121.64 | 37.08 | 43776.2 | 226.4 | 0.5 | 320.7 | 358.8 | 73.0 | 39.9 | 0.0 | 92.9 | 44.0 | 1.0 |
| 122.21 | 37.25 | 12614.0 | 199.2 | 1.6 | 322.4 | 360.5 | 31.5 | 17.2 | 0.0 | 57.2 | 38.0 | 1.0 |
| 122.78 | 37.42 | 5169.6 | 59.6 | 1.2 | 323.9 | 362.2 | 17.2 | 9.4 | 0.0 | 31.5 | 32.0 | 1.0 |
| 123.28 | 37.58 | 5476.9 | 69.2 | 1.3 | 325.2 | 363.7 | 18.3 | 9.9 | 0.0 | 33.1 | 32.0 | 1.0 |
| 123.77 | 37.72 | 4399.6 | 49.2 | 1.1 | 326.5 | 365.2 | 14.7 | 7.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 124.26 | 37.88 | 4124.4 | 40.9 | 1.0 | 327.8 | 366.6 | 13.7 | 7.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 124.75 | 38.03 | 3792.0 | 33.0 | 0.9 | 329.1 | 368.1 | 12.6 | 6.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 125.24 | 38.17 | 4182.6 | 29.5 | 0.7 | 330.4 | 369.6 | 13.9 | 7.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 125.74 | 38.33 | 4024.7 | 42.6 | 1.1 | 331.7 | 371.1 | 13.4 | 7.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.23 | 38.47 | 3943.9 | 68.2 | 1.7 | 333.1 | 372.5 | 13.1 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.72 | 38.62 | 7911.5 | 216.9 | 2.7 | 334.3 | 374.0 | 31.6 | 16.9 | 480.2 | 43.3 | 34.0 | 6.0 |
| 127.21 | 38.78 | 6179.7 | 202.9 | 3.3 | 335.5 | 375.5 | 24.7 | 13.2 | 364.6 | 36.1 | 32.0 | 6.0 |
| 127.71 | 38.92 | 5848.5 | 209.0 | 3.6 | 336.8 | 376.9 | 29.2 | 15.6 | 342.3 | 0.0 | 0.0 | 6.0 |
| 128.20 | 39.08 | 10275.9 | 184.8 | 1.8 | 338.0 | 378.4 | 34.3 | 18.2 | 0.0 | 50.6 | 36.0 | 1.0 |
| 128.69 | 39.22 | 4202.9 | 163.9 | 3.9 | 339.3 | 379.9 | 21.0 | 11.2 | 232.2 | 0.0 | 0.0 | 3.0 |
| 129.18 | 39.38 | 2890.3 | 49.3 | 1.7 | 340.5 | 381.4 | 11.6 | 6.1 | 144.6 | 30.0 | 30.0 | 1.5 |
| 129.67 | 39.53 | 3071.0 | 26.2 | 0.9 | 341.8 | 382.8 | 10.2 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 130.17 | 39.67 | 2859.2 | 32.5 | 1.1 | 343.1 | 384.3 | 9.5 | 5.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 130.66 | 39.83 | 2950.0 | 27.4 | 0.9 | 344.4 | 385.8 | 9.8 | 5.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 131.15 | 39.97 | 3453.7 | 58.4 | 1.7 | 345.7 | 387.2 | 13.8 | 7.3 | 181.4 | 30.0 | 30.0 | 3.0 |
| 131.64 | 40.12 | 11205.4 | 139.6 | 1.2 | 347.0 | 388.7 | 28.0 | 14.7 | 0.0 | 52.7 | 36.0 | 1.0 |
| 132.13 | 40.28 | 5222.8 | 161.1 | 3.1 | 348.3 | 390.2 | 20.9 | 11.0 | 299.0 | 30.8 | 32.0 | 3.0 |
| 132.63 | 40.42 | 4303.7 | 121.2 | 2.8 | 349.5 | 391.7 | 17.2 | 9.0 | 237.5 | 30.0 | 30.0 | 3.0 |
| 133.12 | 40.58 | 9889.6 | 375.1 | 3.8 | 350.7 | 393.1 | 49.4 | 25.8 | 609.7 | 0.0 | 0.0 | 6.0 |
| 133.61 | 40.72 | 12400.4 | 170.5 | 1.4 | 352.0 | 394.6 | 31.0 | 16.2 | 0.0 | 55.4 | 36.0 | 1.0 |
| 134.10 | 40.88 | 4194.7 | 100.2 | 2.4 | 353.3 | 396.1 | 16.8 | 8.7 | 229.7 | 30.0 | 30.0 | 3.0 |
| 134.59 | 41.03 | 4503.0 | 83.0 | 1.8 | 354.6 | 397.6 | 15.0 | 7.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 135.09 | 41.17 | 9033.2 | 243.6 | 2.7 | 355.9 | 399.0 | 36.1 | 18.7 | 551.9 | 46.2 | 34.0 | 6.0 |
| 135.58 | 41.33 | 29351.9 | 329.9 | 1.1 | 357.2 | 400.5 | 58.7 | 30.4 | 0.0 | 79.9 | 42.0 | 1.0 |
| 136.07 | 41.47 | 34611.7 | 248.1 | 0.7 | 358.7 | 402.0 | 69.2 | 35.8 | 0.0 | 84.6 | 42.0 | 1.0 |
| 136.56 | 41.62 | 26794.3 | 118.4 | 0.4 | 360.2 | 403.4 | 44.7 | 23.0 | 0.0 | 77.2 | 40.0 | 1.0 |
| 137.06 | 41.78 | 7590.9 | 225.0 | 3.0 | 361.5 | 404.9 | 30.4 | 15.6 | 455.0 | 41.0 | 34.0 | 6.0 |
| 137.55 | 41.92 | 7036.7 | 210.2 | 3.0 | 362.8 | 406.4 | 28.1 | 14.5 | 417.8 | 38.7 | 32.0 | 6.0 |
| 138.04 | 42.08 | 3847.4 | 112.0 | 2.9 | 364.0 | 407.9 | 15.4 | 7.9 | 205.0 | 30.0 | 30.0 | 3.0 |
| 138.53 | 42.22 | 4219.2 | 97.2 | 2.3 | 365.2 | 409.3 | 16.9 | 8.6 | 229.6 | 30.0 | 30.0 | 3.0 |
| 139.02 | 42.38 | 17479.8 | 224.0 | 1.3 | 366.5 | 410.8 | 43.7 | 22.3 | 0.0 | 64.7 | 38.0 | 1.0 |
| 139.52 | 42.53 | 20535.4 | 298.5 | 1.5 | 367.9 | 412.3 | 51.3 | 26.2 | 0.0 | 69.2 | 40.0 | 1.0 |
| 140.01 | 42.67 | 15478.6 | 182.5 | 1.2 | 369.3 | 413.7 | 38.7 | 19.7 | 0.0 | 61.1 | 38.0 | 1.0 |
| 140.50 | 42.83 | 5198.9 | 103.0 | 2.0 | 370.6 | 415.2 | 17.3 | 8.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 140.99 | 42.97 | 4852.5 | 55.4 | 1.1 | 371.9 | 416.7 | 16.2 | 8.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 141.48 | 43.12 | 4700.7 | 53.5 | 1.1 | 373.2 | 418.2 | 15.7 | 7.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 141.98 | 43.28 | 5093.8 | 121.9 | 2.4 | 374.5 | 419.6 | 20.4 | 10.3 | 286.6 | 30.0 | 30.0 | 3.0 |
| 142.47 | 43.42 | 21481.8 | 406.1 | 1.9 | 375.8 | 421.1 | 53.7 | 27.1 | 0.0 | 70.2 | 40.0 | 1.0 |
| 142.96 | 43.58 | 42106.2 | 232.7 | 0.6 | 377.3 | 422.6 | 70.2 | 35.4 | 0.0 | 89.5 | 42.0 | 1.0 |
| 143.45 | 43.72 | 44993.6 | 138.4 | 0.3 | 378.8 | 424.0 | 75.0 | 37.7 | 0.0 | 91.3 | 42.0 | 1.0 |
| 143.95 | 43.88 | 29838.1 | 422.0 | 1.4 | 380.2 | 425.5 | 74.6 | 37.4 | 0.0 | 79.5 | 40.0 | 1.0 |
| 144.44 | 44.03 | 22954.0 | 1184.4 | 5.2 | 381.7 | 427.0 | 229.5 | 115.0 | 0.0 | 71.9 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3740
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-13-306
 Location: STRUCTURE 13
 Cone: 20 TON A 058
 CPT Date: 00/18/01
 CPT Time: 08:43
 CPT File: 300SC306.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 393.2 | 7.8 | 2.0 | 1.3 | 0.0 | 3.9 | 7.9 | 26.1 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1013.9 | 24.9 | 2.5 | 4.0 | 0.0 | 5.1 | 10.1 | 67.3 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 868.6 | 26.3 | 3.0 | 6.7 | 0.0 | 5.8 | 11.6 | 57.5 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 1084.7 | 19.4 | 1.8 | 9.1 | 0.2 | 5.4 | 10.8 | 71.7 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 892.9 | 25.0 | 2.8 | 10.4 | 1.7 | 6.0 | 11.9 | 58.7 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 986.9 | 33.4 | 3.4 | 11.5 | 3.2 | 9.9 | 19.7 | 64.8 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 986.5 | 35.3 | 3.6 | 12.7 | 4.7 | 9.9 | 19.7 | 64.6 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 1037.3 | 59.2 | 5.7 | 13.7 | 5.9 | 10.4 | 20.7 | 67.8 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 833.7 | 44.0 | 5.3 | 14.6 | 7.1 | 8.3 | 16.7 | 54.1 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 658.5 | 27.0 | 4.1 | 15.8 | 8.6 | 6.6 | 13.2 | 42.3 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 845.8 | 24.9 | 2.9 | 17.0 | 10.1 | 5.6 | 11.3 | 54.6 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 925.2 | 41.3 | 4.5 | 18.2 | 11.5 | 9.3 | 18.5 | 59.7 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 815.5 | 39.0 | 4.8 | 19.3 | 13.0 | 8.2 | 16.3 | 52.2 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 1051.1 | 45.8 | 4.4 | 20.7 | 14.7 | 10.5 | 21.0 | 67.7 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 1538.1 | 76.4 | 5.0 | 22.0 | 16.4 | 15.4 | 30.8 | 100.0 | 0.0 | 0.0 | 10.0 |
| 7.63 | 2.33 | 2160.6 | 80.1 | 3.7 | 23.2 | 17.9 | 14.4 | 28.8 | 141.3 | 0.0 | 0.0 | 10.0 |
| 8.12 | 2.47 | 1735.2 | 73.4 | 4.2 | 24.4 | 19.4 | 17.4 | 34.4 | 112.8 | 0.0 | 0.0 | 10.0 |
| 8.61 | 2.62 | 1574.4 | 61.1 | 3.9 | 25.5 | 20.8 | 15.7 | 30.5 | 101.9 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 1694.3 | 72.9 | 4.3 | 26.7 | 22.3 | 16.9 | 32.1 | 109.7 | 0.0 | 0.0 | 10.0 |
| 9.60 | 2.92 | 1604.7 | 69.4 | 4.3 | 27.8 | 23.8 | 16.0 | 29.8 | 103.5 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1584.2 | 62.3 | 3.9 | 29.0 | 25.3 | 15.8 | 28.8 | 102.0 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1451.8 | 52.9 | 3.6 | 30.2 | 26.7 | 9.7 | 17.2 | 93.0 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1132.2 | 41.4 | 3.7 | 31.4 | 28.2 | 11.3 | 19.8 | 71.5 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1425.2 | 38.2 | 2.7 | 32.6 | 29.7 | 7.1 | 12.2 | 90.9 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1547.3 | 48.7 | 3.1 | 33.8 | 31.1 | 7.7 | 13.0 | 98.8 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1566.1 | 46.8 | 3.0 | 35.0 | 32.6 | 7.8 | 12.9 | 99.9 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1582.4 | 47.8 | 3.0 | 36.3 | 34.1 | 7.9 | 12.9 | 100.8 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1191.9 | 43.7 | 3.7 | 37.5 | 35.6 | 11.9 | 19.1 | 74.6 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1106.5 | 29.5 | 2.7 | 38.6 | 37.0 | 5.5 | 8.7 | 68.7 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1318.2 | 33.9 | 2.6 | 39.9 | 38.5 | 6.6 | 10.2 | 82.7 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1416.1 | 36.5 | 2.6 | 41.1 | 40.0 | 7.1 | 10.8 | 89.0 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1378.8 | 25.8 | 1.9 | 42.3 | 41.4 | 6.9 | 10.4 | 86.3 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1475.7 | 25.9 | 1.8 | 43.6 | 42.9 | 5.9 | 8.8 | 92.6 | 30.0 | 36.0 | 6.0 |
| 16.49 | 5.02 | 1457.1 | 23.9 | 1.6 | 44.8 | 44.4 | 5.8 | 8.5 | 91.2 | 30.0 | 36.0 | 6.0 |
| 16.98 | 5.18 | 1415.3 | 16.7 | 1.2 | 46.0 | 45.9 | 5.7 | 8.2 | 88.2 | 30.0 | 36.0 | 6.0 |
| 17.47 | 5.32 | 1491.6 | 19.4 | 1.3 | 47.2 | 47.3 | 6.0 | 8.5 | 93.1 | 30.0 | 36.0 | 6.0 |
| 17.96 | 5.48 | 1265.4 | 18.6 | 1.5 | 48.5 | 48.8 | 5.1 | 7.1 | 77.9 | 30.0 | 34.0 | 6.0 |
| 18.45 | 5.62 | 1221.5 | 14.2 | 1.2 | 49.7 | 50.3 | 4.9 | 6.8 | 74.8 | 30.0 | 34.0 | 6.0 |
| 18.95 | 5.77 | 1397.9 | 15.4 | 1.1 | 50.9 | 51.7 | 5.6 | 7.7 | 86.3 | 30.0 | 36.0 | 6.0 |
| 19.44 | 5.93 | 1553.8 | 16.1 | 1.0 | 52.2 | 53.2 | 6.2 | 8.4 | 96.6 | 30.0 | 36.0 | 6.0 |
| 19.93 | 6.07 | 1438.2 | 12.4 | 0.9 | 53.4 | 54.7 | 5.8 | 7.7 | 88.7 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1341.3 | 10.2 | 0.8 | 54.6 | 56.2 | 5.4 | 7.1 | 82.0 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 1243.8 | 9.5 | 0.8 | 55.8 | 57.6 | 5.0 | 6.5 | 75.4 | 30.0 | 34.0 | 6.0 |
| 21.41 | 6.52 | 1080.0 | 9.2 | 0.8 | 57.1 | 59.1 | 4.3 | 5.6 | 64.3 | 30.0 | 32.0 | 6.0 |
| 21.90 | 6.68 | 929.3 | 7.2 | 0.8 | 58.3 | 60.6 | 3.7 | 4.8 | 54.0 | 30.0 | 32.0 | 3.0 |
| 22.39 | 6.82 | 865.6 | 5.1 | 0.6 | 59.5 | 62.0 | 3.5 | 4.4 | 49.6 | 30.0 | 32.0 | 3.0 |
| 22.88 | 6.98 | 871.9 | 5.4 | 0.6 | 60.8 | 63.5 | 3.5 | 4.4 | 49.8 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 86.20 | 26.28 | 16121.7 | 231.0 | 1.4 | 221.7 | 252.9 | 40.3 | 26.5 | 0.0 | 69.6 | 40.0 | 1.0 |
| 86.70 | 26.42 | 15389.3 | 164.9 | 1.1 | 223.2 | 254.3 | 30.8 | 20.2 | 0.0 | 68.1 | 40.0 | 1.0 |
| 87.19 | 26.58 | 21708.7 | 128.1 | 0.6 | 224.6 | 255.8 | 43.4 | 28.4 | 0.0 | 77.9 | 42.0 | 1.0 |
| 87.68 | 26.72 | 30169.8 | 141.6 | 0.5 | 226.1 | 257.3 | 50.3 | 32.7 | 0.0 | 87.2 | 44.0 | 1.0 |
| 88.17 | 26.88 | 32799.4 | 137.5 | 0.4 | 227.6 | 258.7 | 54.7 | 35.5 | 0.0 | 89.5 | 44.0 | 1.0 |
| 88.66 | 27.03 | 28207.8 | 118.9 | 0.4 | 229.2 | 260.2 | 47.0 | 30.4 | 0.0 | 85.1 | 42.0 | 1.0 |
| 89.16 | 27.17 | 21433.6 | 139.9 | 0.7 | 230.7 | 261.7 | 42.9 | 27.6 | 0.0 | 77.1 | 42.0 | 1.0 |
| 89.65 | 27.33 | 7623.5 | 209.6 | 2.7 | 232.0 | 263.2 | 30.5 | 19.6 | 475.2 | 47.4 | 36.0 | 6.0 |
| 90.14 | 27.47 | 4216.1 | 112.2 | 2.7 | 233.2 | 264.6 | 16.9 | 10.8 | 247.9 | 30.4 | 32.0 | 6.0 |
| 90.63 | 27.62 | 3674.3 | 150.2 | 4.1 | 234.5 | 266.1 | 18.4 | 11.7 | 211.6 | 0.0 | 0.0 | 3.0 |
| 91.12 | 27.78 | 3509.4 | 116.0 | 3.3 | 235.7 | 267.6 | 17.5 | 11.2 | 200.4 | 0.0 | 0.0 | 3.0 |
| 91.62 | 27.92 | 3366.3 | 98.9 | 2.9 | 236.9 | 269.0 | 16.8 | 10.7 | 190.7 | 0.0 | 0.0 | 3.0 |
| 92.11 | 28.08 | 3052.3 | 77.3 | 2.5 | 238.1 | 270.5 | 12.2 | 7.7 | 169.6 | 30.0 | 30.0 | 3.0 |
| 92.60 | 28.22 | 2998.1 | 63.6 | 2.1 | 239.4 | 272.0 | 12.0 | 7.6 | 165.8 | 30.0 | 30.0 | 3.0 |
| 93.09 | 28.38 | 2358.3 | 30.2 | 1.3 | 240.6 | 273.5 | 9.4 | 6.0 | 123.0 | 30.0 | 30.0 | 3.0 |
| 93.58 | 28.53 | 2364.4 | 30.0 | 1.3 | 241.8 | 274.9 | 9.5 | 6.0 | 123.2 | 30.0 | 30.0 | 3.0 |
| 94.08 | 28.67 | 2466.0 | 41.4 | 1.7 | 243.1 | 276.4 | 9.9 | 6.2 | 129.8 | 30.0 | 30.0 | 3.0 |
| 94.57 | 28.83 | 2434.1 | 39.8 | 1.6 | 244.3 | 277.9 | 9.7 | 6.1 | 127.5 | 30.0 | 30.0 | 3.0 |
| 95.06 | 28.97 | 2986.6 | 45.0 | 1.5 | 245.5 | 279.3 | 11.9 | 7.5 | 164.1 | 30.0 | 30.0 | 3.0 |
| 95.55 | 29.12 | 2810.5 | 59.7 | 2.1 | 246.7 | 280.8 | 11.2 | 7.0 | 152.2 | 30.0 | 30.0 | 3.0 |
| 96.05 | 29.28 | 2504.4 | 43.4 | 1.7 | 248.0 | 282.3 | 10.0 | 6.2 | 131.6 | 30.0 | 30.0 | 3.0 |
| 96.54 | 29.42 | 2391.2 | 44.6 | 1.9 | 249.2 | 283.8 | 9.6 | 5.9 | 123.9 | 30.0 | 30.0 | 1.5 |
| 97.03 | 29.58 | 2299.4 | 41.3 | 1.8 | 250.4 | 285.2 | 9.2 | 5.7 | 117.6 | 30.0 | 30.0 | 1.5 |
| 97.52 | 29.72 | 2498.3 | 51.9 | 2.1 | 251.7 | 286.7 | 10.0 | 6.2 | 130.7 | 30.0 | 30.0 | 3.0 |
| 98.01 | 29.88 | 2295.6 | 47.3 | 2.1 | 252.9 | 288.2 | 9.2 | 5.7 | 117.0 | 30.0 | 30.0 | 1.5 |
| 98.51 | 30.03 | 2855.7 | 79.0 | 2.8 | 254.1 | 289.6 | 14.3 | 8.8 | 154.1 | 0.0 | 0.0 | 3.0 |
| 99.00 | 30.17 | 11806.6 | 250.8 | 2.1 | 255.4 | 291.1 | 39.4 | 24.1 | 0.0 | 58.6 | 38.0 | 1.0 |
| 99.49 | 30.33 | 16247.6 | 255.0 | 1.6 | 256.7 | 292.6 | 40.6 | 24.8 | 0.0 | 67.7 | 40.0 | 1.0 |
| 99.98 | 30.47 | 14214.2 | 254.2 | 1.8 | 258.1 | 294.1 | 35.5 | 21.6 | 0.0 | 63.8 | 40.0 | 1.0 |
| 100.47 | 30.62 | 16598.8 | 147.5 | 0.9 | 259.5 | 295.5 | 33.2 | 20.2 | 0.0 | 68.1 | 40.0 | 1.0 |
| 100.97 | 30.78 | 15725.1 | 128.9 | 0.8 | 261.0 | 297.0 | 31.5 | 19.1 | 0.0 | 66.5 | 40.0 | 1.0 |
| 101.46 | 30.92 | 16850.8 | 135.3 | 0.8 | 262.4 | 298.5 | 33.7 | 20.4 | 0.0 | 68.4 | 40.0 | 1.0 |
| 101.95 | 31.08 | 14535.0 | 195.3 | 1.3 | 263.8 | 299.9 | 36.3 | 21.9 | 0.0 | 64.1 | 40.0 | 1.0 |
| 102.44 | 31.22 | 13241.0 | 296.5 | 2.2 | 265.2 | 301.4 | 44.1 | 26.5 | 0.0 | 61.3 | 38.0 | 1.0 |
| 102.94 | 31.38 | 5998.7 | 240.9 | 4.0 | 266.4 | 302.9 | 30.0 | 18.0 | 362.0 | 0.0 | 0.0 | 6.0 |
| 103.43 | 31.53 | 7259.8 | 264.9 | 3.6 | 267.7 | 304.4 | 36.3 | 21.7 | 445.9 | 0.0 | 0.0 | 6.0 |
| 103.92 | 31.67 | 3291.2 | 122.0 | 3.7 | 268.9 | 305.8 | 16.5 | 9.8 | 181.1 | 0.0 | 0.0 | 3.0 |
| 104.41 | 31.83 | 2418.1 | 30.1 | 1.2 | 270.1 | 307.3 | 9.7 | 5.8 | 122.7 | 30.0 | 30.0 | 1.5 |
| 104.90 | 31.97 | 2904.9 | 52.4 | 1.8 | 271.4 | 308.8 | 11.6 | 6.9 | 155.0 | 30.0 | 30.0 | 3.0 |
| 105.40 | 32.12 | 4114.1 | 130.5 | 3.2 | 272.6 | 310.2 | 20.6 | 12.2 | 235.4 | 0.0 | 0.0 | 3.0 |
| 105.89 | 32.28 | 4796.4 | 209.0 | 4.4 | 273.8 | 311.7 | 24.0 | 14.2 | 280.7 | 0.0 | 0.0 | 6.0 |
| 106.38 | 32.42 | 5856.8 | 258.9 | 4.4 | 275.0 | 313.2 | 29.3 | 17.3 | 351.2 | 0.0 | 0.0 | 6.0 |
| 106.87 | 32.58 | 5091.0 | 208.4 | 4.1 | 276.3 | 314.7 | 25.5 | 15.0 | 300.0 | 0.0 | 0.0 | 6.0 |
| 107.36 | 32.72 | 9735.5 | 170.6 | 1.8 | 277.5 | 316.1 | 32.5 | 19.1 | 0.0 | 51.9 | 36.0 | 1.0 |
| 107.86 | 32.88 | 5122.8 | 136.8 | 2.7 | 278.8 | 317.6 | 20.5 | 12.0 | 301.8 | 33.4 | 32.0 | 6.0 |
| 108.35 | 33.03 | 2968.3 | 75.4 | 2.5 | 280.0 | 319.1 | 11.9 | 6.9 | 157.9 | 30.0 | 30.0 | 3.0 |
| 108.84 | 33.17 | 2551.9 | 55.0 | 2.2 | 281.3 | 320.5 | 10.2 | 6.0 | 130.0 | 30.0 | 30.0 | 1.5 |
| 109.33 | 33.33 | 3627.2 | 101.4 | 2.8 | 282.5 | 322.0 | 14.5 | 8.4 | 201.5 | 30.0 | 30.0 | 3.0 |
| 109.82 | 33.47 | 2969.4 | 81.0 | 2.7 | 283.7 | 323.5 | 11.9 | 6.9 | 157.5 | 30.0 | 30.0 | 3.0 |
| 110.32 | 33.62 | 6175.6 | 203.9 | 3.3 | 284.9 | 325.0 | 24.7 | 14.3 | 371.0 | 38.5 | 34.0 | 6.0 |
| 110.81 | 33.78 | 8189.4 | 274.2 | 3.3 | 286.2 | 326.4 | 32.8 | 19.0 | 505.1 | 46.5 | 36.0 | 6.0 |
| 111.30 | 33.92 | 8170.8 | 182.3 | 2.2 | 287.4 | 327.9 | 27.2 | 15.7 | 0.0 | 46.4 | 36.0 | 1.0 |
| 111.79 | 34.08 | 9452.3 | 207.8 | 2.2 | 288.7 | 329.4 | 31.5 | 18.1 | 0.0 | 50.5 | 36.0 | 1.0 |
| 112.29 | 34.22 | 7800.2 | 345.2 | 4.4 | 290.0 | 330.8 | 39.0 | 22.4 | 478.6 | 0.0 | 0.0 | 6.0 |
| 112.78 | 34.38 | 20226.4 | 257.5 | 1.3 | 291.3 | 332.3 | 50.6 | 29.0 | 0.0 | 72.1 | 40.0 | 1.0 |
| 113.27 | 34.53 | 14299.7 | 395.6 | 2.8 | 292.7 | 333.8 | 47.7 | 27.3 | 0.0 | 62.1 | 38.0 | 1.0 |
| 113.76 | 34.67 | 13508.4 | 379.5 | 2.8 | 294.0 | 335.3 | 45.0 | 25.7 | 0.0 | 60.4 | 38.0 | 1.0 |
| 114.25 | 34.83 | 10139.9 | 353.3 | 3.5 | 295.2 | 336.7 | 40.6 | 23.1 | 633.9 | 52.2 | 36.0 | 6.0 |
| 114.75 | 34.97 | 5332.0 | 274.2 | 5.1 | 296.6 | 338.2 | 53.3 | 30.3 | 0.0 | 33.7 | 32.0 | 1.0 |
| 115.24 | 35.12 | 3282.3 | 106.8 | 3.3 | 298.1 | 339.7 | 16.4 | 9.3 | 176.3 | 0.0 | 0.0 | 3.0 |
| 115.73 | 35.28 | 3577.9 | 132.5 | 3.7 | 299.3 | 341.1 | 17.9 | 10.1 | 195.8 | 0.0 | 0.0 | 3.0 |
| 116.22 | 35.42 | 4906.4 | 190.2 | 3.9 | 300.5 | 342.6 | 24.5 | 13.9 | 284.2 | 0.0 | 0.0 | 3.0 |
| 116.71 | 35.58 | 3162.9 | 81.9 | 2.6 | 301.7 | 344.1 | 12.7 | 7.1 | 167.8 | 30.0 | 30.0 | 3.0 |
| 117.21 | 35.72 | 3427.0 | 70.5 | 2.1 | 303.0 | 345.6 | 13.7 | 7.7 | 185.2 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 3753.4 | 106.2 | 2.8 | 304.2 | 347.0 | 15.0 | 8.4 | 206.8 | 30.0 | 30.0 | 3.0 |
| 118.19 | 36.03 | 6851.3 | 177.2 | 2.6 | 305.4 | 348.5 | 27.4 | 15.3 | 413.2 | 40.4 | 34.0 | 6.0 |
| 118.68 | 36.17 | 3055.1 | 83.8 | 2.7 | 306.7 | 350.0 | 12.2 | 6.8 | 159.9 | 30.0 | 30.0 | 3.0 |
| 119.18 | 36.33 | 2873.0 | 42.0 | 1.5 | 307.9 | 351.4 | 11.5 | 6.4 | 147.6 | 30.0 | 30.0 | 1.5 |
| 119.67 | 36.47 | 4416.3 | 127.6 | 2.9 | 309.1 | 352.9 | 17.7 | 9.8 | 250.3 | 30.0 | 30.0 | 3.0 |
| 120.16 | 36.62 | 4199.2 | 133.4 | 3.2 | 310.3 | 354.4 | 21.0 | 11.7 | 235.6 | 0.0 | 0.0 | 3.0 |
| 120.65 | 36.78 | 4827.9 | 202.8 | 4.2 | 311.6 | 355.9 | 24.1 | 13.4 | 277.4 | 0.0 | 0.0 | 3.0 |
| 121.14 | 36.92 | 4148.3 | 168.6 | 4.1 | 312.8 | 357.3 | 20.7 | 11.5 | 231.9 | 0.0 | 0.0 | 3.0 |
| 121.64 | 37.08 | 3964.0 | 138.9 | 3.5 | 314.0 | 358.8 | 19.8 | 10.9 | 219.4 | 0.0 | 0.0 | 3.0 |
| 122.21 | 37.25 | 2939.8 | 58.8 | 2.0 | 315.5 | 360.5 | 11.8 | 6.5 | 150.9 | 30.0 | 30.0 | 1.5 |
| 122.78 | 37.42 | 3077.0 | 74.6 | 2.4 | 316.9 | 362.2 | 12.3 | 6.8 | 159.9 | 30.0 | 30.0 | 3.0 |
| 123.28 | 37.58 | 3639.3 | 101.5 | 2.8 | 318.1 | 363.7 | 14.6 | 8.0 | 197.2 | 30.0 | 30.0 | 3.0 |
| 123.77 | 37.72 | 4345.9 | 170.2 | 3.9 | 319.3 | 365.2 | 21.7 | 11.9 | 244.1 | 0.0 | 0.0 | 3.0 |
| 124.26 | 37.88 | 4035.0 | 171.0 | 4.2 | 320.6 | 366.6 | 26.9 | 14.7 | 223.2 | 0.0 | 0.0 | 3.0 |
| 124.75 | 38.03 | 3498.6 | 101.0 | 2.9 | 321.8 | 368.1 | 17.5 | 9.5 | 187.2 | 0.0 | 0.0 | 3.0 |
| 125.24 | 38.17 | 3268.1 | 94.1 | 2.9 | 323.0 | 369.6 | 16.3 | 8.9 | 171.7 | 0.0 | 0.0 | 3.0 |
| 125.74 | 38.33 | 3186.7 | 92.8 | 2.9 | 324.3 | 371.1 | 15.9 | 8.7 | 166.1 | 0.0 | 0.0 | 3.0 |
| 126.23 | 38.47 | 3242.2 | 97.4 | 3.0 | 325.5 | 372.5 | 16.2 | 8.8 | 169.6 | 0.0 | 0.0 | 3.0 |
| 126.72 | 38.62 | 3489.5 | 139.4 | 4.0 | 326.7 | 374.0 | 17.4 | 9.4 | 185.9 | 0.0 | 0.0 | 3.0 |
| 127.21 | 38.78 | 2200.1 | 80.2 | 3.6 | 327.9 | 375.5 | 14.7 | 7.9 | 99.8 | 0.0 | 0.0 | 1.5 |
| 127.71 | 38.92 | 2096.3 | 51.4 | 2.5 | 329.2 | 376.9 | 10.5 | 5.7 | 92.7 | 0.0 | 0.0 | 1.5 |
| 128.20 | 39.08 | 2024.5 | 39.4 | 1.9 | 330.4 | 378.4 | 8.1 | 4.4 | 87.7 | 30.0 | 30.0 | 1.5 |
| 128.69 | 39.22 | 2174.0 | 35.4 | 1.6 | 331.6 | 379.9 | 8.7 | 4.7 | 97.5 | 30.0 | 30.0 | 1.5 |
| 129.18 | 39.38 | 2711.0 | 45.5 | 1.7 | 332.9 | 381.4 | 10.8 | 5.8 | 133.1 | 30.0 | 30.0 | 1.5 |
| 129.67 | 39.53 | 2332.0 | 30.5 | 1.3 | 334.1 | 382.8 | 9.3 | 5.0 | 107.7 | 30.0 | 30.0 | 1.5 |
| 130.17 | 39.67 | 2422.4 | 35.6 | 1.5 | 335.3 | 384.3 | 9.7 | 5.2 | 113.5 | 30.0 | 30.0 | 1.5 |
| 130.66 | 39.83 | 4152.2 | 144.4 | 3.5 | 336.5 | 385.8 | 20.8 | 11.1 | 228.7 | 0.0 | 0.0 | 3.0 |
| 131.15 | 39.97 | 6410.6 | 283.9 | 4.4 | 337.8 | 387.2 | 32.1 | 17.1 | 379.0 | 0.0 | 0.0 | 6.0 |
| 131.64 | 40.12 | 14345.7 | 298.3 | 2.1 | 339.0 | 388.7 | 47.8 | 25.4 | 0.0 | 60.1 | 38.0 | 1.0 |
| 132.13 | 40.28 | 26689.9 | 328.7 | 1.2 | 340.4 | 390.2 | 53.4 | 28.3 | 0.0 | 77.9 | 40.0 | 1.0 |
| 132.63 | 40.42 | 21763.1 | 190.7 | 0.9 | 341.9 | 391.7 | 43.5 | 23.0 | 0.0 | 71.9 | 40.0 | 1.0 |
| 133.12 | 40.58 | 6823.7 | 250.7 | 3.7 | 343.2 | 393.1 | 34.1 | 18.0 | 405.8 | 0.0 | 0.0 | 6.0 |
| 133.61 | 40.72 | 4223.5 | 154.0 | 3.6 | 344.4 | 394.6 | 21.1 | 11.1 | 232.3 | 0.0 | 0.0 | 3.0 |
| 134.10 | 40.88 | 8156.5 | 167.1 | 2.0 | 345.7 | 396.1 | 27.2 | 14.3 | 0.0 | 43.7 | 34.0 | 1.0 |
| 134.59 | 41.03 | 7860.3 | 167.2 | 2.1 | 347.0 | 397.6 | 26.2 | 13.8 | 0.0 | 42.5 | 34.0 | 1.0 |
| 135.09 | 41.17 | 7048.5 | 233.7 | 3.3 | 348.3 | 399.0 | 28.2 | 14.8 | 420.1 | 39.4 | 32.0 | 6.0 |
| 135.58 | 41.33 | 4412.1 | 151.1 | 3.4 | 349.5 | 400.5 | 22.1 | 11.5 | 244.1 | 0.0 | 0.0 | 3.0 |
| 136.07 | 41.47 | 2766.9 | 45.0 | 1.6 | 350.7 | 402.0 | 11.1 | 5.8 | 134.3 | 30.0 | 30.0 | 1.5 |
| 136.56 | 41.62 | 3512.1 | 45.0 | 1.3 | 352.0 | 403.4 | 11.7 | 6.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 137.06 | 41.78 | 5950.1 | 190.9 | 3.2 | 353.3 | 404.9 | 23.8 | 12.4 | 346.1 | 34.3 | 32.0 | 3.0 |
| 137.55 | 41.92 | 6198.6 | 272.9 | 4.4 | 354.5 | 406.4 | 31.0 | 16.1 | 362.5 | 0.0 | 0.0 | 6.0 |
| 138.04 | 42.08 | 11415.4 | 406.4 | 3.6 | 355.7 | 407.9 | 45.7 | 23.7 | 710.1 | 52.9 | 36.0 | 6.0 |
| 138.53 | 42.22 | 11658.7 | 472.4 | 4.1 | 357.1 | 409.3 | 116.6 | 60.4 | 0.0 | 53.4 | 36.0 | 1.0 |
| 139.02 | 42.38 | 8976.3 | 195.8 | 2.2 | 358.6 | 410.8 | 29.9 | 15.5 | 0.0 | 45.9 | 34.0 | 1.0 |
| 139.52 | 42.53 | 3939.9 | 71.1 | 1.8 | 359.9 | 412.3 | 15.8 | 8.1 | 211.2 | 30.0 | 30.0 | 3.0 |
| 140.01 | 42.67 | 6745.3 | 124.8 | 1.9 | 361.1 | 413.7 | 22.5 | 11.6 | 0.0 | 37.6 | 32.0 | 1.0 |
| 140.50 | 42.83 | 8852.9 | 232.8 | 2.6 | 362.4 | 415.2 | 35.4 | 18.2 | 538.4 | 45.3 | 34.0 | 6.0 |
| 140.99 | 42.97 | 4404.3 | 179.2 | 4.1 | 363.6 | 416.7 | 22.0 | 11.3 | 241.6 | 0.0 | 0.0 | 3.0 |
| 141.48 | 43.12 | 3523.0 | 98.2 | 2.8 | 364.8 | 418.2 | 14.1 | 7.2 | 182.7 | 30.0 | 30.0 | 3.0 |
| 141.98 | 43.28 | 4104.3 | 118.5 | 2.9 | 366.1 | 419.6 | 16.4 | 8.4 | 221.2 | 30.0 | 30.0 | 3.0 |
| 142.47 | 43.42 | 4238.2 | 151.7 | 3.6 | 367.3 | 421.1 | 21.2 | 10.8 | 230.0 | 0.0 | 0.0 | 3.0 |
| 142.96 | 43.58 | 6773.3 | 265.7 | 3.9 | 368.5 | 422.6 | 33.9 | 17.3 | 398.8 | 0.0 | 0.0 | 6.0 |
| 143.45 | 43.72 | 4687.4 | 184.9 | 3.9 | 369.8 | 424.0 | 23.4 | 11.9 | 259.6 | 0.0 | 0.0 | 3.0 |
| 143.95 | 43.88 | 6999.4 | 300.2 | 4.3 | 371.0 | 425.5 | 35.0 | 17.8 | 413.5 | 0.0 | 0.0 | 6.0 |
| 144.44 | 44.03 | 14786.2 | 571.4 | 3.9 | 372.3 | 427.0 | 73.9 | 37.5 | 0.0 | 59.6 | 38.0 | 1.0 |
| 144.93 | 44.17 | 14354.1 | 357.9 | 2.5 | 373.6 | 428.5 | 47.8 | 24.2 | 0.0 | 58.7 | 38.0 | 1.0 |
| 145.42 | 44.33 | 14371.5 | 259.3 | 1.8 | 375.0 | 429.9 | 35.9 | 18.2 | 0.0 | 58.7 | 38.0 | 1.0 |
| 145.91 | 44.47 | 6808.6 | 343.2 | 5.0 | 376.5 | 431.4 | 68.1 | 34.3 | 0.0 | 37.3 | 32.0 | 1.0 |
| 146.41 | 44.62 | 3744.7 | 131.8 | 3.5 | 377.9 | 432.9 | 18.7 | 9.4 | 195.6 | 0.0 | 0.0 | 3.0 |
| 146.90 | 44.78 | 4640.3 | 151.1 | 3.3 | 379.1 | 434.3 | 23.2 | 11.7 | 255.1 | 0.0 | 0.0 | 3.0 |
| 147.39 | 44.92 | 6247.5 | 242.0 | 3.9 | 380.3 | 435.8 | 31.2 | 15.7 | 362.1 | 0.0 | 0.0 | 3.0 |
| 147.88 | 45.08 | 5637.7 | 203.4 | 3.6 | 381.6 | 437.3 | 28.2 | 14.1 | 321.3 | 0.0 | 0.0 | 3.0 |
| 148.37 | 45.22 | 5364.6 | 220.4 | 4.1 | 382.8 | 438.8 | 26.8 | 13.4 | 302.9 | 0.0 | 0.0 | 3.0 |
| 148.87 | 45.38 | 5777.6 | 284.4 | 4.9 | 384.2 | 440.2 | 57.8 | 28.9 | 0.0 | 32.3 | 32.0 | 1.0 |

Run No: 00-0518-1635-3740

CPT File: 300SC306.CDR

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 149.36 | 45.53 | 5611.5 | 221.3 | 3.9 | 385.6 | 441.7 | 28.1 | 14.0 | 318.9 | 0.0 | 0.0 | 3.0 |
| 149.85 | 45.67 | 15937.3 | 279.7 | 1.8 | 386.9 | 443.2 | 39.8 | 19.9 | 0.0 | 61.2 | 38.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3784
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-13-307
 Location: STRUCTURE 13
 Cone: 20 TON A 058
 CPT Date: 00/14/01
 CPT Time: 08:34
 CPT File: 300SC307.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 0.25 | 0.08 | 3394.5 | 8.5 | 0.3 | 1.4 | 0.0 | 11.3 | 22.6 | 0.0 | 95.0 | 50.0 | 1.0 |
| 0.74 | 0.23 | 2340.7 | 52.4 | 2.2 | 4.1 | 0.0 | 9.4 | 18.7 | 155.8 | 71.3 | 50.0 | 10.0 |
| 1.23 | 0.38 | 1120.7 | 49.2 | 4.4 | 6.8 | 0.0 | 11.2 | 22.4 | 74.3 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 674.7 | 38.8 | 5.8 | 9.2 | 0.2 | 6.7 | 13.5 | 44.3 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 297.8 | 14.6 | 4.9 | 10.3 | 1.7 | 3.0 | 6.0 | 19.1 | 0.0 | 0.0 | 6.0 |
| 2.71 | 0.82 | 195.0 | 6.6 | 3.4 | 11.5 | 3.2 | 2.0 | 3.9 | 12.0 | 0.0 | 0.0 | 6.0 |
| 3.20 | 0.97 | 195.3 | 2.1 | 1.1 | 12.3 | 4.7 | 1.0 | 2.0 | 11.9 | 0.0 | 0.0 | 3.0 |
| 3.61 | 1.10 | 197.5 | 3.5 | 1.8 | 12.6 | 5.9 | 1.0 | 2.0 | 11.9 | 0.0 | 0.0 | 3.0 |
| 4.02 | 1.22 | 653.0 | 27.0 | 4.1 | 13.3 | 7.1 | 6.5 | 13.1 | 42.2 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 720.7 | 40.9 | 5.7 | 14.5 | 8.6 | 7.2 | 14.4 | 46.5 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 481.7 | 27.6 | 5.7 | 15.6 | 10.1 | 4.8 | 9.6 | 30.4 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 506.4 | 23.1 | 4.6 | 16.8 | 11.5 | 5.1 | 10.1 | 31.9 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 887.8 | 38.4 | 4.3 | 17.9 | 13.0 | 8.9 | 17.8 | 57.1 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 1062.8 | 41.4 | 3.9 | 19.3 | 14.7 | 10.6 | 21.3 | 68.6 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 1120.5 | 53.7 | 4.8 | 20.6 | 16.4 | 11.2 | 22.4 | 72.2 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 1070.8 | 48.9 | 4.6 | 21.8 | 17.9 | 10.7 | 21.4 | 68.7 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1052.2 | 50.7 | 4.8 | 22.9 | 19.4 | 10.5 | 21.0 | 67.3 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 1111.3 | 35.7 | 3.2 | 24.1 | 20.8 | 7.4 | 14.8 | 71.1 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 914.1 | 17.3 | 1.9 | 25.3 | 22.3 | 4.6 | 8.9 | 57.8 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 934.2 | 16.1 | 1.7 | 26.6 | 23.8 | 4.7 | 8.9 | 58.9 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 994.8 | 14.5 | 1.5 | 27.8 | 25.3 | 5.0 | 9.2 | 62.8 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1124.7 | 16.3 | 1.4 | 29.0 | 26.7 | 5.6 | 10.2 | 71.3 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 937.1 | 20.3 | 2.2 | 30.2 | 28.2 | 4.7 | 8.3 | 58.6 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1137.8 | 19.2 | 1.7 | 31.5 | 29.7 | 5.7 | 9.9 | 71.8 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1141.5 | 23.1 | 2.0 | 32.7 | 31.1 | 5.7 | 9.8 | 71.8 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1143.9 | 25.5 | 2.2 | 33.9 | 32.6 | 5.7 | 9.6 | 71.8 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 971.9 | 28.4 | 2.9 | 35.2 | 34.1 | 6.5 | 10.7 | 60.2 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1177.3 | 38.1 | 3.2 | 36.4 | 35.6 | 7.8 | 12.7 | 73.7 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1304.2 | 50.2 | 3.8 | 37.6 | 37.0 | 13.0 | 20.8 | 82.0 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1188.4 | 52.1 | 4.4 | 38.7 | 38.5 | 11.9 | 18.7 | 74.1 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1160.2 | 50.0 | 4.3 | 39.9 | 40.0 | 11.6 | 18.0 | 72.0 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1154.8 | 36.1 | 3.1 | 41.1 | 41.4 | 7.7 | 11.8 | 71.5 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1192.8 | 46.9 | 3.9 | 42.3 | 42.9 | 11.9 | 18.0 | 73.8 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 984.9 | 36.0 | 3.7 | 43.4 | 44.4 | 9.8 | 14.6 | 59.8 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1057.8 | 27.7 | 2.6 | 44.6 | 45.9 | 5.3 | 7.7 | 64.5 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 1163.9 | 24.0 | 2.1 | 45.8 | 47.3 | 5.8 | 8.4 | 71.4 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 1175.2 | 24.1 | 2.0 | 47.1 | 48.8 | 5.9 | 8.4 | 72.0 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 1065.5 | 18.8 | 1.8 | 48.3 | 50.3 | 5.3 | 7.5 | 64.5 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1109.5 | 19.2 | 1.7 | 49.5 | 51.7 | 5.5 | 7.7 | 67.2 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 1135.5 | 23.2 | 2.0 | 50.8 | 53.2 | 5.7 | 7.8 | 68.8 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1212.4 | 17.0 | 1.4 | 52.0 | 54.7 | 4.8 | 6.6 | 73.7 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1059.3 | 9.6 | 0.9 | 53.2 | 56.2 | 4.2 | 5.7 | 63.3 | 30.0 | 32.0 | 6.0 |
| 20.92 | 6.38 | 905.2 | 8.7 | 1.0 | 54.4 | 57.6 | 4.5 | 6.0 | 52.9 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 820.4 | 7.2 | 0.9 | 55.7 | 59.1 | 4.1 | 5.4 | 47.0 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 833.7 | 6.2 | 0.7 | 56.9 | 60.6 | 4.2 | 5.4 | 47.7 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 728.9 | 3.1 | 0.4 | 57.7 | 62.0 | 3.6 | 4.7 | 40.6 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 651.0 | 8.9 | 1.4 | 58.5 | 63.5 | 3.3 | 4.2 | 35.3 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 653.5 | 5.7 | 0.9 | 59.3 | 65.0 | 3.3 | 4.2 | 35.3 | 0.0 | 0.0 | 3.0 |
| 23.87 | 7.27 | 831.4 | 5.9 | 0.7 | 60.2 | 66.5 | 4.2 | 5.2 | 47.0 | 0.0 | 0.0 | 3.0 |
| 24.36 | 7.43 | 2554.0 | 32.6 | 1.3 | 61.4 | 67.9 | 10.2 | 12.8 | 161.6 | 35.1 | 38.0 | 6.0 |
| 24.85 | 7.57 | 1809.9 | 30.1 | 1.7 | 62.6 | 69.4 | 7.2 | 9.0 | 111.9 | 30.0 | 36.0 | 6.0 |
| 25.34 | 7.73 | 2619.8 | 29.4 | 1.1 | 63.8 | 70.9 | 10.5 | 12.8 | 165.7 | 35.3 | 38.0 | 6.0 |
| 25.84 | 7.88 | 1749.2 | 37.2 | 2.1 | 65.1 | 72.3 | 7.0 | 8.5 | 107.5 | 30.0 | 34.0 | 6.0 |
| 26.33 | 8.02 | 1251.4 | 28.2 | 2.3 | 66.3 | 73.8 | 6.3 | 7.5 | 74.1 | 0.0 | 0.0 | 6.0 |
| 26.82 | 8.18 | 1149.8 | 24.3 | 2.1 | 67.5 | 75.3 | 5.7 | 6.8 | 67.1 | 0.0 | 0.0 | 3.0 |
| 27.31 | 8.32 | 1196.3 | 28.2 | 2.4 | 68.8 | 76.8 | 6.0 | 7.1 | 70.0 | 0.0 | 0.0 | 6.0 |
| 27.80 | 8.48 | 1033.4 | 30.0 | 2.9 | 70.0 | 78.2 | 6.9 | 8.1 | 59.0 | 0.0 | 0.0 | 3.0 |
| 28.30 | 8.62 | 912.6 | 20.5 | 2.2 | 71.2 | 79.7 | 4.6 | 5.3 | 50.8 | 0.0 | 0.0 | 3.0 |
| 28.79 | 8.77 | 942.4 | 16.5 | 1.8 | 72.4 | 81.2 | 4.7 | 5.4 | 52.6 | 0.0 | 0.0 | 3.0 |
| 29.28 | 8.93 | 1087.5 | 15.5 | 1.4 | 73.7 | 82.6 | 5.4 | 6.2 | 62.1 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 897.9 | 9.5 | 1.1 | 74.9 | 84.1 | 4.5 | 5.1 | 49.3 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 846.8 | 11.4 | 1.3 | 76.1 | 85.6 | 4.2 | 4.7 | 45.7 | 0.0 | 0.0 | 3.0 |
| 30.76 | 9.38 | 922.5 | 8.1 | 0.9 | 77.4 | 87.1 | 3.7 | 4.1 | 50.5 | 30.0 | 30.0 | 3.0 |
| 31.17 | 9.50 | 828.4 | 9.5 | 1.1 | 78.4 | 88.3 | 4.1 | 4.6 | 44.1 | 0.0 | 0.0 | 3.0 |
| 31.58 | 9.62 | 829.6 | 9.3 | 1.1 | 79.4 | 89.5 | 4.1 | 4.6 | 44.0 | 0.0 | 0.0 | 3.0 |
| 32.07 | 9.77 | 753.4 | 5.8 | 0.8 | 80.6 | 91.0 | 3.8 | 4.1 | 38.8 | 0.0 | 0.0 | 1.5 |
| 32.56 | 9.93 | 752.5 | 7.4 | 1.0 | 81.9 | 92.5 | 3.8 | 4.1 | 38.5 | 0.0 | 0.0 | 1.5 |
| 33.05 | 10.07 | 913.2 | 17.3 | 1.9 | 83.1 | 93.9 | 4.6 | 4.9 | 49.1 | 0.0 | 0.0 | 3.0 |
| 33.55 | 10.23 | 1312.8 | 29.9 | 2.3 | 84.3 | 95.4 | 6.6 | 7.0 | 75.5 | 0.0 | 0.0 | 3.0 |
| 34.04 | 10.38 | 1666.4 | 42.5 | 2.5 | 85.6 | 96.9 | 8.3 | 8.8 | 98.9 | 0.0 | 0.0 | 6.0 |
| 34.53 | 10.52 | 2135.6 | 63.3 | 3.0 | 86.8 | 98.3 | 10.7 | 11.2 | 130.0 | 0.0 | 0.0 | 6.0 |
| 35.02 | 10.68 | 1692.6 | 61.5 | 3.6 | 88.0 | 99.8 | 11.3 | 11.8 | 100.3 | 0.0 | 0.0 | 6.0 |
| 35.51 | 10.82 | 1121.3 | 26.4 | 2.4 | 89.2 | 101.3 | 5.6 | 5.8 | 62.1 | 0.0 | 0.0 | 3.0 |
| 36.01 | 10.98 | 1080.3 | 19.2 | 1.8 | 90.5 | 102.8 | 5.4 | 5.6 | 59.1 | 0.0 | 0.0 | 3.0 |
| 36.50 | 11.12 | 1006.0 | 15.8 | 1.6 | 91.7 | 104.2 | 5.0 | 5.1 | 54.0 | 0.0 | 0.0 | 3.0 |
| 36.99 | 11.27 | 1131.5 | 13.4 | 1.2 | 92.9 | 105.7 | 4.5 | 4.6 | 62.2 | 30.0 | 30.0 | 3.0 |
| 37.48 | 11.43 | 1885.5 | 17.6 | 0.9 | 94.2 | 107.2 | 7.5 | 7.6 | 112.3 | 30.0 | 32.0 | 6.0 |
| 37.98 | 11.57 | 3309.1 | 26.0 | 0.8 | 95.4 | 108.6 | 11.0 | 11.1 | 0.0 | 36.2 | 36.0 | 1.0 |
| 38.47 | 11.73 | 3956.0 | 21.4 | 0.5 | 96.7 | 110.1 | 13.2 | 13.1 | 0.0 | 41.2 | 38.0 | 1.0 |
| 38.96 | 11.88 | 1273.5 | 10.4 | 0.8 | 98.0 | 111.6 | 5.1 | 5.0 | 70.9 | 30.0 | 30.0 | 3.0 |
| 39.45 | 12.02 | 1016.7 | 8.4 | 0.8 | 99.2 | 113.1 | 4.1 | 4.0 | 53.6 | 30.0 | 30.0 | 3.0 |
| 39.94 | 12.18 | 993.1 | 8.1 | 0.8 | 100.4 | 114.5 | 4.0 | 3.9 | 51.9 | 30.0 | 30.0 | 3.0 |
| 40.44 | 12.32 | 1081.7 | 8.6 | 0.8 | 101.7 | 116.0 | 4.3 | 4.2 | 57.6 | 30.0 | 30.0 | 3.0 |
| 40.93 | 12.48 | 963.6 | 11.3 | 1.2 | 102.9 | 117.5 | 4.8 | 4.6 | 49.5 | 0.0 | 0.0 | 1.5 |
| 41.42 | 12.62 | 897.0 | 12.3 | 1.4 | 104.1 | 118.9 | 4.5 | 4.3 | 44.9 | 0.0 | 0.0 | 1.5 |
| 41.91 | 12.77 | 804.5 | 11.0 | 1.4 | 105.4 | 120.4 | 4.0 | 3.8 | 38.6 | 0.0 | 0.0 | 1.5 |
| 42.40 | 12.93 | 789.3 | 6.7 | 0.8 | 106.6 | 121.9 | 3.9 | 3.7 | 37.4 | 0.0 | 0.0 | 1.5 |
| 42.90 | 13.07 | 798.1 | 4.3 | 0.5 | 107.8 | 123.4 | 3.2 | 3.0 | 37.8 | 30.0 | 30.0 | 1.5 |
| 43.39 | 13.23 | 872.7 | 4.7 | 0.5 | 109.0 | 124.8 | 3.5 | 3.3 | 42.6 | 30.0 | 30.0 | 1.5 |
| 43.88 | 13.38 | 942.0 | 10.1 | 1.1 | 110.3 | 126.3 | 4.7 | 4.4 | 47.0 | 0.0 | 0.0 | 1.5 |
| 44.37 | 13.52 | 1472.9 | 21.1 | 1.4 | 111.5 | 127.8 | 5.9 | 5.5 | 82.2 | 30.0 | 30.0 | 3.0 |
| 44.86 | 13.68 | 3363.4 | 42.8 | 1.3 | 112.8 | 129.2 | 11.2 | 10.3 | 0.0 | 34.3 | 36.0 | 1.0 |
| 45.36 | 13.82 | 1830.4 | 34.1 | 1.9 | 114.0 | 130.7 | 7.3 | 6.7 | 105.7 | 30.0 | 32.0 | 3.0 |
| 45.85 | 13.98 | 1579.2 | 21.0 | 1.3 | 115.3 | 132.2 | 6.3 | 5.8 | 88.8 | 30.0 | 30.0 | 3.0 |
| 46.34 | 14.12 | 1624.1 | 25.5 | 1.6 | 116.5 | 133.7 | 6.5 | 5.9 | 91.6 | 30.0 | 30.0 | 3.0 |
| 46.83 | 14.27 | 2052.3 | 29.2 | 1.4 | 117.7 | 135.1 | 8.2 | 7.4 | 120.0 | 30.0 | 32.0 | 6.0 |
| 47.33 | 14.43 | 1809.3 | 23.7 | 1.3 | 118.9 | 136.6 | 7.2 | 6.5 | 103.6 | 30.0 | 32.0 | 3.0 |
| 47.82 | 14.57 | 1435.8 | 38.1 | 2.7 | 120.2 | 138.1 | 7.2 | 6.4 | 78.5 | 0.0 | 0.0 | 3.0 |
| 48.31 | 14.73 | 1241.6 | 27.4 | 2.2 | 121.4 | 139.5 | 6.2 | 5.5 | 65.4 | 0.0 | 0.0 | 3.0 |
| 48.80 | 14.88 | 1081.7 | 17.1 | 1.6 | 122.6 | 141.0 | 5.4 | 4.8 | 54.5 | 0.0 | 0.0 | 1.5 |
| 49.29 | 15.02 | 1148.9 | 20.9 | 1.8 | 123.9 | 142.5 | 5.7 | 5.1 | 58.8 | 0.0 | 0.0 | 1.5 |
| 49.79 | 15.18 | 5361.5 | 49.5 | 0.9 | 125.1 | 144.0 | 17.9 | 15.6 | 0.0 | 46.2 | 38.0 | 1.0 |
| 50.28 | 15.32 | 3921.5 | 96.3 | 2.5 | 126.4 | 145.4 | 15.7 | 13.7 | 243.3 | 37.1 | 36.0 | 6.0 |
| 50.77 | 15.48 | 4060.7 | 90.6 | 2.2 | 127.6 | 146.9 | 16.2 | 14.1 | 252.4 | 37.9 | 36.0 | 6.0 |
| 51.26 | 15.62 | 3823.8 | 95.5 | 2.5 | 128.8 | 148.4 | 15.3 | 13.2 | 236.4 | 36.1 | 36.0 | 6.0 |
| 51.75 | 15.77 | 6582.9 | 125.0 | 1.9 | 130.1 | 149.8 | 21.9 | 18.8 | 0.0 | 51.5 | 38.0 | 1.0 |
| 52.25 | 15.93 | 3173.2 | 109.0 | 3.4 | 131.4 | 151.3 | 15.9 | 13.5 | 192.7 | 0.0 | 0.0 | 6.0 |
| 52.74 | 16.08 | 9386.2 | 102.8 | 1.1 | 132.7 | 152.8 | 23.5 | 19.9 | 0.0 | 61.4 | 40.0 | 1.0 |
| 53.23 | 16.22 | 24887.0 | 102.9 | 0.4 | 134.1 | 154.3 | 41.5 | 35.1 | 0.0 | 89.2 | 44.0 | 1.0 |
| 53.72 | 16.38 | 28373.7 | 100.7 | 0.4 | 135.7 | 155.7 | 47.3 | 39.7 | 0.0 | 92.8 | 46.0 | 1.0 |
| 54.22 | 16.53 | 36199.6 | 117.0 | 0.3 | 137.2 | 157.2 | 60.3 | 50.4 | 0.0 | 95.0 | 46.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 54.71 | 16.67 | 36578.6 | 134.0 | 0.4 | 138.7 | 158.7 | 61.0 | 50.7 | 0.0 | 95.0 | 46.0 | 1.0 |
| 55.20 | 16.83 | 31523.2 | 64.6 | 0.2 | 140.3 | 160.1 | 52.5 | 43.4 | 0.0 | 95.0 | 46.0 | 1.0 |
| 55.69 | 16.97 | 24169.2 | 50.7 | 0.2 | 141.8 | 161.6 | 40.3 | 33.1 | 0.0 | 87.6 | 44.0 | 1.0 |
| 56.18 | 17.12 | 17932.4 | 47.2 | 0.3 | 143.3 | 163.1 | 35.9 | 29.3 | 0.0 | 78.9 | 42.0 | 1.0 |
| 56.68 | 17.28 | 16771.8 | 167.4 | 1.0 | 144.7 | 164.6 | 33.5 | 27.3 | 0.0 | 76.8 | 42.0 | 1.0 |
| 57.17 | 17.42 | 22573.1 | 82.9 | 0.4 | 146.2 | 166.0 | 37.6 | 30.5 | 0.0 | 85.2 | 44.0 | 1.0 |
| 57.66 | 17.58 | 22302.1 | 135.6 | 0.6 | 147.7 | 167.5 | 44.6 | 35.9 | 0.0 | 84.7 | 44.0 | 1.0 |
| 58.15 | 17.72 | 19646.1 | 106.8 | 0.5 | 149.2 | 169.0 | 39.3 | 31.5 | 0.0 | 80.9 | 44.0 | 1.0 |
| 58.64 | 17.88 | 11784.2 | 349.0 | 3.0 | 150.5 | 170.4 | 47.1 | 37.6 | 764.2 | 66.1 | 40.0 | 10.0 |
| 59.14 | 18.03 | 7560.4 | 316.2 | 4.2 | 151.7 | 171.9 | 37.8 | 30.0 | 482.5 | 0.0 | 0.0 | 6.0 |
| 59.63 | 18.17 | 4707.5 | 121.2 | 2.6 | 153.0 | 173.4 | 18.8 | 14.9 | 292.1 | 39.6 | 36.0 | 6.0 |
| 60.12 | 18.33 | 4057.8 | 117.0 | 2.9 | 154.2 | 174.9 | 16.2 | 12.8 | 248.6 | 35.2 | 34.0 | 6.0 |
| 60.61 | 18.47 | 3843.8 | 101.0 | 2.6 | 155.4 | 176.3 | 15.4 | 12.1 | 234.1 | 33.6 | 34.0 | 6.0 |
| 61.10 | 18.62 | 6167.2 | 130.4 | 2.1 | 156.7 | 177.8 | 20.6 | 16.1 | 0.0 | 47.0 | 38.0 | 1.0 |
| 61.60 | 18.78 | 6261.9 | 194.7 | 3.1 | 157.9 | 179.3 | 25.0 | 19.5 | 395.0 | 47.3 | 38.0 | 6.0 |
| 62.09 | 18.92 | 3645.7 | 96.5 | 2.6 | 159.2 | 180.7 | 14.6 | 11.3 | 220.4 | 31.7 | 34.0 | 6.0 |
| 62.58 | 19.08 | 3918.4 | 124.3 | 3.2 | 160.4 | 182.2 | 19.6 | 15.1 | 238.4 | 0.0 | 0.0 | 6.0 |
| 63.07 | 19.22 | 2788.6 | 71.4 | 2.6 | 161.6 | 183.7 | 11.2 | 8.6 | 162.9 | 30.0 | 32.0 | 6.0 |
| 63.57 | 19.38 | 2364.9 | 99.7 | 4.2 | 162.9 | 185.2 | 15.8 | 12.1 | 134.5 | 0.0 | 0.0 | 3.0 |
| 64.06 | 19.53 | 3774.5 | 99.8 | 2.6 | 164.1 | 186.6 | 15.1 | 11.5 | 228.2 | 32.3 | 34.0 | 6.0 |
| 64.55 | 19.67 | 2510.2 | 76.0 | 3.0 | 165.3 | 188.1 | 12.6 | 9.6 | 143.8 | 0.0 | 0.0 | 3.0 |
| 65.04 | 19.83 | 2819.8 | 54.2 | 1.9 | 166.5 | 189.6 | 11.3 | 8.6 | 164.2 | 30.0 | 32.0 | 3.0 |
| 65.53 | 19.97 | 3790.1 | 81.8 | 2.2 | 167.8 | 191.0 | 15.2 | 11.5 | 228.8 | 32.1 | 34.0 | 6.0 |
| 66.03 | 20.12 | 5122.7 | 136.2 | 2.7 | 169.0 | 192.5 | 20.5 | 15.4 | 317.4 | 40.6 | 36.0 | 6.0 |
| 66.52 | 20.28 | 3887.5 | 100.9 | 2.6 | 170.2 | 194.0 | 15.5 | 11.7 | 234.9 | 32.6 | 34.0 | 6.0 |
| 67.01 | 20.42 | 2836.7 | 71.6 | 2.5 | 171.5 | 195.5 | 11.3 | 8.5 | 164.7 | 30.0 | 32.0 | 3.0 |
| 67.50 | 20.58 | 1925.4 | 47.9 | 2.5 | 172.7 | 196.9 | 9.6 | 7.2 | 103.7 | 0.0 | 0.0 | 3.0 |
| 67.99 | 20.72 | 1968.1 | 45.6 | 2.3 | 173.9 | 198.4 | 7.9 | 5.8 | 106.4 | 30.0 | 30.0 | 3.0 |
| 68.49 | 20.88 | 2063.3 | 46.1 | 2.2 | 175.1 | 199.9 | 8.3 | 6.1 | 112.6 | 30.0 | 30.0 | 3.0 |
| 68.98 | 21.03 | 1825.9 | 35.3 | 1.9 | 176.4 | 201.4 | 7.3 | 5.4 | 96.5 | 30.0 | 30.0 | 3.0 |
| 69.47 | 21.17 | 1705.0 | 36.4 | 2.1 | 177.6 | 202.8 | 8.5 | 6.3 | 88.3 | 0.0 | 0.0 | 1.5 |
| 69.96 | 21.33 | 1644.5 | 27.9 | 1.7 | 178.8 | 204.3 | 6.6 | 4.8 | 84.1 | 30.0 | 30.0 | 1.5 |
| 70.46 | 21.47 | 1506.7 | 24.1 | 1.6 | 180.1 | 205.8 | 6.0 | 4.4 | 74.7 | 30.0 | 30.0 | 1.5 |
| 70.95 | 21.62 | 1700.9 | 28.2 | 1.7 | 181.3 | 207.2 | 6.8 | 4.9 | 87.5 | 30.0 | 30.0 | 1.5 |
| 71.44 | 21.78 | 2499.0 | 39.0 | 1.6 | 182.5 | 208.7 | 10.0 | 7.2 | 140.5 | 30.0 | 30.0 | 3.0 |
| 71.93 | 21.92 | 2168.6 | 38.3 | 1.8 | 183.7 | 210.2 | 8.7 | 6.3 | 118.3 | 30.0 | 30.0 | 3.0 |
| 72.42 | 22.08 | 2222.7 | 26.5 | 1.2 | 185.0 | 211.7 | 8.9 | 6.4 | 121.7 | 30.0 | 30.0 | 3.0 |
| 72.92 | 22.22 | 2115.6 | 28.8 | 1.4 | 186.2 | 213.1 | 8.5 | 6.1 | 114.4 | 30.0 | 30.0 | 3.0 |
| 73.41 | 22.38 | 2433.1 | 44.8 | 1.8 | 187.4 | 214.6 | 9.7 | 7.0 | 135.4 | 30.0 | 30.0 | 3.0 |
| 73.90 | 22.53 | 1774.2 | 21.3 | 1.2 | 188.7 | 216.1 | 7.1 | 5.1 | 91.3 | 30.0 | 30.0 | 1.5 |
| 74.39 | 22.67 | 1914.5 | 26.0 | 1.4 | 189.9 | 217.5 | 7.7 | 5.4 | 100.5 | 30.0 | 30.0 | 3.0 |
| 74.88 | 22.83 | 2217.0 | 31.8 | 1.4 | 191.1 | 219.0 | 8.9 | 6.3 | 120.5 | 30.0 | 30.0 | 3.0 |
| 75.38 | 22.97 | 2088.8 | 34.1 | 1.6 | 192.3 | 220.5 | 8.4 | 5.9 | 111.7 | 30.0 | 30.0 | 3.0 |
| 75.87 | 23.12 | 1892.0 | 35.2 | 1.9 | 193.6 | 222.0 | 7.6 | 5.3 | 98.4 | 30.0 | 30.0 | 3.0 |
| 76.36 | 23.28 | 2106.9 | 44.5 | 2.1 | 194.8 | 223.4 | 8.4 | 5.9 | 112.6 | 30.0 | 30.0 | 3.0 |
| 76.85 | 23.42 | 3518.4 | 100.1 | 2.8 | 196.0 | 224.9 | 14.1 | 9.8 | 206.5 | 30.0 | 32.0 | 6.0 |
| 77.34 | 23.58 | 5409.9 | 208.9 | 3.9 | 197.3 | 226.4 | 27.0 | 18.8 | 332.4 | 0.0 | 0.0 | 6.0 |
| 77.84 | 23.72 | 13188.4 | 142.6 | 1.1 | 198.6 | 227.8 | 33.0 | 22.9 | 0.0 | 65.4 | 40.0 | 1.0 |
| 78.33 | 23.88 | 20296.4 | 120.2 | 0.6 | 200.0 | 229.3 | 40.6 | 28.1 | 0.0 | 77.6 | 42.0 | 1.0 |
| 78.82 | 24.03 | 18098.2 | 233.2 | 1.3 | 201.4 | 230.8 | 45.2 | 31.2 | 0.0 | 74.2 | 42.0 | 1.0 |
| 79.31 | 24.17 | 17870.8 | 215.5 | 1.2 | 202.8 | 232.3 | 44.7 | 30.7 | 0.0 | 73.8 | 42.0 | 1.0 |
| 79.81 | 24.33 | 18647.8 | 279.5 | 1.5 | 204.2 | 233.7 | 46.6 | 31.9 | 0.0 | 74.9 | 42.0 | 1.0 |
| 80.30 | 24.47 | 25850.5 | 341.4 | 1.3 | 205.5 | 235.2 | 64.6 | 44.1 | 0.0 | 84.2 | 42.0 | 1.0 |
| 80.79 | 24.62 | 31573.5 | 81.8 | 0.3 | 207.0 | 236.7 | 52.6 | 35.8 | 0.0 | 89.8 | 44.0 | 1.0 |
| 81.28 | 24.78 | 28290.5 | 77.6 | 0.3 | 208.5 | 238.1 | 47.2 | 32.0 | 0.0 | 86.6 | 44.0 | 1.0 |
| 81.77 | 24.92 | 25201.2 | 62.6 | 0.2 | 210.0 | 239.6 | 42.0 | 28.4 | 0.0 | 83.1 | 42.0 | 1.0 |
| 82.27 | 25.08 | 20763.1 | 68.9 | 0.3 | 211.5 | 241.1 | 41.5 | 27.9 | 0.0 | 77.5 | 42.0 | 1.0 |
| 82.76 | 25.22 | 11030.0 | 128.7 | 1.2 | 212.9 | 242.6 | 27.6 | 18.5 | 0.0 | 59.3 | 38.0 | 1.0 |
| 83.25 | 25.38 | 3666.4 | 94.5 | 2.6 | 214.3 | 244.0 | 14.7 | 9.8 | 213.9 | 30.0 | 32.0 | 3.0 |
| 83.74 | 25.53 | 3973.4 | 111.3 | 2.8 | 215.5 | 245.5 | 15.9 | 10.6 | 234.2 | 30.0 | 32.0 | 6.0 |
| 84.23 | 25.67 | 4758.5 | 181.1 | 3.8 | 216.7 | 247.0 | 23.8 | 15.8 | 286.3 | 0.0 | 0.0 | 6.0 |
| 84.73 | 25.83 | 2892.6 | 125.4 | 4.3 | 217.9 | 248.4 | 19.3 | 12.8 | 161.7 | 0.0 | 0.0 | 3.0 |
| 85.22 | 25.97 | 2743.2 | 109.9 | 4.0 | 219.2 | 249.9 | 18.3 | 12.1 | 151.6 | 0.0 | 0.0 | 3.0 |
| 85.71 | 26.12 | 2300.9 | 83.2 | 3.6 | 220.4 | 251.4 | 11.5 | 7.6 | 121.9 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 86.20 | 26.28 | 4375.3 | 112.5 | 2.6 | 221.6 | 252.9 | 17.5 | 11.5 | 260.1 | 32.2 | 32.0 | 6.0 |
| 86.70 | 26.42 | 6585.5 | 169.3 | 2.6 | 222.9 | 254.3 | 26.3 | 17.3 | 407.2 | 43.8 | 36.0 | 6.0 |
| 87.19 | 26.58 | 22009.1 | 82.7 | 0.4 | 224.2 | 255.8 | 44.0 | 28.8 | 0.0 | 78.3 | 42.0 | 1.0 |
| 87.68 | 26.72 | 21227.9 | 94.0 | 0.4 | 225.6 | 257.3 | 42.5 | 27.7 | 0.0 | 77.2 | 42.0 | 1.0 |
| 88.17 | 26.88 | 12916.4 | 352.1 | 2.7 | 227.0 | 258.7 | 43.1 | 28.0 | 0.0 | 62.9 | 40.0 | 1.0 |
| 88.66 | 27.03 | 14675.4 | 301.0 | 2.1 | 228.3 | 260.2 | 48.9 | 31.7 | 0.0 | 66.4 | 40.0 | 1.0 |
| 89.16 | 27.17 | 6846.1 | 183.1 | 2.7 | 229.6 | 261.7 | 27.4 | 17.7 | 423.7 | 44.5 | 36.0 | 6.0 |
| 89.65 | 27.33 | 2729.8 | 61.8 | 2.3 | 230.8 | 263.2 | 10.9 | 7.0 | 149.1 | 30.0 | 30.0 | 3.0 |
| 90.14 | 27.47 | 3598.4 | 98.6 | 2.7 | 232.0 | 264.6 | 14.4 | 9.2 | 206.8 | 30.0 | 32.0 | 3.0 |
| 90.63 | 27.62 | 3099.6 | 78.3 | 2.5 | 233.3 | 266.1 | 12.4 | 7.9 | 173.3 | 30.0 | 30.0 | 3.0 |
| 91.12 | 27.78 | 3128.6 | 113.7 | 3.6 | 234.5 | 267.6 | 15.6 | 10.0 | 175.1 | 0.0 | 0.0 | 3.0 |
| 91.62 | 27.92 | 3182.4 | 130.0 | 4.1 | 235.7 | 269.0 | 21.2 | 13.5 | 178.5 | 0.0 | 0.0 | 3.0 |
| 92.11 | 28.08 | 13571.9 | 96.1 | 0.7 | 237.1 | 270.5 | 27.1 | 17.3 | 0.0 | 63.7 | 40.0 | 1.0 |
| 92.60 | 28.22 | 9675.4 | 120.2 | 1.2 | 238.5 | 272.0 | 24.2 | 15.3 | 0.0 | 53.9 | 38.0 | 1.0 |
| 93.09 | 28.38 | 4334.9 | 104.6 | 2.4 | 239.8 | 273.5 | 17.3 | 11.0 | 254.8 | 30.8 | 32.0 | 6.0 |
| 93.58 | 28.53 | 5316.8 | 147.9 | 2.8 | 241.0 | 274.9 | 21.3 | 13.4 | 320.1 | 36.6 | 34.0 | 6.0 |
| 94.08 | 28.67 | 2700.8 | 74.3 | 2.8 | 242.3 | 276.4 | 13.5 | 8.5 | 145.5 | 0.0 | 0.0 | 3.0 |
| 94.57 | 28.83 | 2612.2 | 51.1 | 2.0 | 243.5 | 277.9 | 10.4 | 6.6 | 139.4 | 30.0 | 30.0 | 3.0 |
| 95.06 | 28.97 | 2754.5 | 50.5 | 1.8 | 244.7 | 279.3 | 11.0 | 6.9 | 148.7 | 30.0 | 30.0 | 3.0 |
| 95.55 | 29.12 | 2453.1 | 41.6 | 1.7 | 245.9 | 280.8 | 9.8 | 6.1 | 128.4 | 30.0 | 30.0 | 3.0 |
| 96.05 | 29.28 | 2631.9 | 41.2 | 1.6 | 247.2 | 282.3 | 10.5 | 6.6 | 140.2 | 30.0 | 30.0 | 3.0 |
| 96.54 | 29.42 | 2556.4 | 54.3 | 2.1 | 248.4 | 283.8 | 10.2 | 6.3 | 135.0 | 30.0 | 30.0 | 3.0 |
| 97.03 | 29.58 | 2467.3 | 55.3 | 2.2 | 249.6 | 285.2 | 9.9 | 6.1 | 128.8 | 30.0 | 30.0 | 3.0 |
| 97.52 | 29.72 | 2279.9 | 50.4 | 2.2 | 250.9 | 286.7 | 9.1 | 5.6 | 116.2 | 30.0 | 30.0 | 1.5 |
| 98.01 | 29.88 | 1858.3 | 40.5 | 2.2 | 252.1 | 288.2 | 7.4 | 4.6 | 87.9 | 30.0 | 30.0 | 1.5 |
| 98.51 | 30.03 | 1887.6 | 38.0 | 2.0 | 253.3 | 289.6 | 7.6 | 4.6 | 89.6 | 30.0 | 30.0 | 1.5 |
| 99.00 | 30.17 | 2186.4 | 46.4 | 2.1 | 254.5 | 291.1 | 8.7 | 5.4 | 109.4 | 30.0 | 30.0 | 1.5 |
| 99.49 | 30.33 | 6553.9 | 114.5 | 1.7 | 255.8 | 292.6 | 21.8 | 13.4 | 0.0 | 41.7 | 34.0 | 1.0 |
| 99.98 | 30.47 | 22666.1 | 248.3 | 1.1 | 257.2 | 294.1 | 45.3 | 27.7 | 0.0 | 77.2 | 42.0 | 1.0 |
| 100.47 | 30.62 | 25501.3 | 232.0 | 0.9 | 258.6 | 295.5 | 51.0 | 31.0 | 0.0 | 80.5 | 42.0 | 1.0 |
| 100.97 | 30.78 | 22733.2 | 176.0 | 0.8 | 260.1 | 297.0 | 45.5 | 27.6 | 0.0 | 77.1 | 42.0 | 1.0 |
| 101.46 | 30.92 | 21118.4 | 191.4 | 0.9 | 261.5 | 298.5 | 42.2 | 25.6 | 0.0 | 74.9 | 42.0 | 1.0 |
| 101.95 | 31.08 | 19577.0 | 150.2 | 0.8 | 263.0 | 299.9 | 39.2 | 23.6 | 0.0 | 72.7 | 40.0 | 1.0 |
| 102.44 | 31.22 | 18681.2 | 138.0 | 0.7 | 264.5 | 301.4 | 37.4 | 22.5 | 0.0 | 71.3 | 40.0 | 1.0 |
| 102.94 | 31.38 | 20134.9 | 212.1 | 1.1 | 265.9 | 302.9 | 40.3 | 24.2 | 0.0 | 73.3 | 40.0 | 1.0 |
| 103.43 | 31.53 | 14832.4 | 228.2 | 1.5 | 267.3 | 304.4 | 37.1 | 22.2 | 0.0 | 64.5 | 40.0 | 1.0 |
| 103.92 | 31.67 | 4861.4 | 203.3 | 4.2 | 268.6 | 305.8 | 24.3 | 14.5 | 285.8 | 0.0 | 0.0 | 6.0 |
| 104.41 | 31.83 | 11409.5 | 169.0 | 1.5 | 269.9 | 307.3 | 28.5 | 17.0 | 0.0 | 56.8 | 38.0 | 1.0 |
| 104.90 | 31.97 | 6734.2 | 140.8 | 2.1 | 271.3 | 308.8 | 22.4 | 13.3 | 0.0 | 41.6 | 34.0 | 1.0 |
| 105.40 | 32.12 | 3250.4 | 88.4 | 2.7 | 272.5 | 310.2 | 13.0 | 7.7 | 177.8 | 30.0 | 30.0 | 3.0 |
| 105.89 | 32.28 | 4478.7 | 108.8 | 2.4 | 273.8 | 311.7 | 17.9 | 10.6 | 259.5 | 30.0 | 32.0 | 3.0 |
| 106.38 | 32.42 | 2709.1 | 54.7 | 2.0 | 275.0 | 313.2 | 10.8 | 6.4 | 141.4 | 30.0 | 30.0 | 3.0 |
| 106.87 | 32.58 | 3905.0 | 126.2 | 3.2 | 276.2 | 314.7 | 19.5 | 11.5 | 220.9 | 0.0 | 0.0 | 3.0 |
| 107.36 | 32.72 | 7682.2 | 372.6 | 4.8 | 277.6 | 316.1 | 76.8 | 45.1 | 0.0 | 45.1 | 36.0 | 1.0 |
| 107.86 | 32.88 | 9423.3 | 308.4 | 3.3 | 279.1 | 317.6 | 37.7 | 22.1 | 588.4 | 50.9 | 36.0 | 6.0 |
| 108.35 | 33.03 | 8884.7 | 216.2 | 2.4 | 280.3 | 319.1 | 29.6 | 17.3 | 0.0 | 49.1 | 36.0 | 1.0 |
| 108.84 | 33.17 | 3481.7 | 101.9 | 2.9 | 281.6 | 320.5 | 17.4 | 10.2 | 192.0 | 0.0 | 0.0 | 3.0 |
| 109.33 | 33.33 | 3202.9 | 74.9 | 2.3 | 282.8 | 322.0 | 12.8 | 7.5 | 173.2 | 30.0 | 30.0 | 3.0 |
| 109.82 | 33.47 | 3044.5 | 69.6 | 2.3 | 284.0 | 323.5 | 12.2 | 7.1 | 162.5 | 30.0 | 30.0 | 3.0 |
| 110.32 | 33.62 | 4971.1 | 154.2 | 3.1 | 285.3 | 325.0 | 19.9 | 11.5 | 290.7 | 32.2 | 32.0 | 6.0 |
| 110.81 | 33.78 | 6391.4 | 300.6 | 4.7 | 286.7 | 326.4 | 63.9 | 36.9 | 0.0 | 39.4 | 34.0 | 1.0 |
| 111.30 | 33.92 | 4310.4 | 152.4 | 3.5 | 288.1 | 327.9 | 21.6 | 12.4 | 246.3 | 0.0 | 0.0 | 3.0 |
| 111.79 | 34.08 | 3849.8 | 130.1 | 3.4 | 289.3 | 329.4 | 19.2 | 11.1 | 215.4 | 0.0 | 0.0 | 3.0 |
| 112.29 | 34.22 | 14564.6 | 352.5 | 2.4 | 290.6 | 330.8 | 48.5 | 27.9 | 0.0 | 62.8 | 38.0 | 1.0 |
| 112.78 | 34.38 | 17298.7 | 221.4 | 1.3 | 291.9 | 332.3 | 43.2 | 24.8 | 0.0 | 67.6 | 40.0 | 1.0 |
| 113.27 | 34.53 | 8264.7 | 156.0 | 1.9 | 293.3 | 333.8 | 27.5 | 15.7 | 0.0 | 46.4 | 36.0 | 1.0 |
| 113.76 | 34.67 | 3056.4 | 70.1 | 2.3 | 294.5 | 335.3 | 12.2 | 7.0 | 161.8 | 30.0 | 30.0 | 3.0 |
| 114.25 | 34.83 | 3437.2 | 89.6 | 2.6 | 295.8 | 336.7 | 13.7 | 7.8 | 187.0 | 30.0 | 30.0 | 3.0 |
| 114.75 | 34.97 | 4425.7 | 125.9 | 2.8 | 297.0 | 338.2 | 17.7 | 10.1 | 252.7 | 30.0 | 32.0 | 3.0 |
| 115.24 | 35.12 | 4507.3 | 173.1 | 3.8 | 298.2 | 339.7 | 22.5 | 12.8 | 258.0 | 0.0 | 0.0 | 3.0 |
| 115.73 | 35.28 | 12445.7 | 359.8 | 2.9 | 299.5 | 341.1 | 49.8 | 28.2 | 787.0 | 57.8 | 38.0 | 6.0 |
| 116.22 | 35.42 | 23126.9 | 119.4 | 0.5 | 300.8 | 342.6 | 46.3 | 26.1 | 0.0 | 75.5 | 40.0 | 1.0 |
| 116.71 | 35.58 | 25202.9 | 129.1 | 0.5 | 302.3 | 344.1 | 42.0 | 23.6 | 0.0 | 77.9 | 42.0 | 1.0 |
| 117.21 | 35.72 | 26179.3 | 374.4 | 1.4 | 303.7 | 345.6 | 65.4 | 36.8 | 0.0 | 78.9 | 42.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 24486.7 | 470.9 | 1.9 | 305.1 | 347.0 | 61.2 | 34.3 | 0.0 | 77.0 | 42.0 | 1.0 |
| 118.19 | 36.03 | 19058.0 | 611.7 | 3.2 | 306.5 | 348.5 | 63.5 | 35.5 | 0.0 | 69.7 | 40.0 | 1.0 |
| 118.68 | 36.17 | 12456.7 | 614.5 | 4.9 | 307.9 | 350.0 | 124.6 | 69.5 | 0.0 | 57.5 | 38.0 | 1.0 |
| 119.18 | 36.33 | 6047.6 | 280.5 | 4.6 | 309.3 | 351.4 | 30.2 | 16.8 | 359.1 | 0.0 | 0.0 | 6.0 |
| 119.67 | 36.47 | 3934.5 | 130.4 | 3.3 | 310.6 | 352.9 | 19.7 | 10.9 | 218.1 | 0.0 | 0.0 | 3.0 |
| 120.16 | 36.62 | 4752.7 | 125.8 | 2.6 | 311.8 | 354.4 | 19.0 | 10.5 | 272.4 | 30.0 | 32.0 | 3.0 |
| 120.65 | 36.78 | 4200.1 | 201.0 | 4.8 | 313.0 | 355.9 | 28.0 | 15.5 | 235.4 | 0.0 | 0.0 | 3.0 |
| 121.14 | 36.92 | 4096.3 | 113.8 | 2.8 | 314.2 | 357.3 | 16.4 | 9.0 | 228.3 | 30.0 | 30.0 | 3.0 |
| 121.64 | 37.08 | 4296.7 | 114.2 | 2.7 | 315.5 | 358.8 | 17.2 | 9.5 | 241.5 | 30.0 | 30.0 | 3.0 |
| 122.21 | 37.25 | 3846.0 | 112.3 | 2.9 | 316.9 | 360.5 | 15.4 | 8.5 | 211.2 | 30.0 | 30.0 | 3.0 |
| 122.78 | 37.42 | 3506.4 | 83.9 | 2.4 | 318.3 | 362.2 | 14.0 | 7.7 | 188.4 | 30.0 | 30.0 | 3.0 |
| 123.28 | 37.58 | 3273.3 | 74.2 | 2.3 | 319.6 | 363.7 | 13.1 | 7.2 | 172.7 | 30.0 | 30.0 | 3.0 |
| 123.77 | 37.72 | 2992.8 | 72.4 | 2.4 | 320.8 | 365.2 | 12.0 | 6.5 | 153.8 | 30.0 | 30.0 | 1.5 |
| 124.26 | 37.88 | 3053.6 | 87.5 | 2.9 | 322.0 | 366.6 | 15.3 | 8.3 | 157.7 | 0.0 | 0.0 | 1.5 |
| 124.75 | 38.03 | 3710.9 | 114.4 | 3.1 | 323.3 | 368.1 | 18.6 | 10.1 | 201.3 | 0.0 | 0.0 | 3.0 |
| 125.24 | 38.17 | 4594.8 | 169.3 | 3.7 | 324.5 | 369.6 | 23.0 | 12.5 | 260.0 | 0.0 | 0.0 | 3.0 |
| 125.74 | 38.33 | 14326.3 | 211.1 | 1.5 | 325.8 | 371.1 | 35.8 | 19.4 | 0.0 | 60.7 | 38.0 | 1.0 |
| 126.23 | 38.47 | 18997.5 | 394.4 | 2.1 | 327.1 | 372.5 | 63.3 | 34.3 | 0.0 | 68.7 | 40.0 | 1.0 |
| 126.72 | 38.62 | 21763.9 | 202.2 | 0.9 | 328.5 | 374.0 | 43.5 | 23.5 | 0.0 | 72.5 | 40.0 | 1.0 |
| 127.21 | 38.78 | 9531.2 | 272.0 | 2.9 | 329.8 | 375.5 | 38.1 | 20.5 | 588.4 | 48.8 | 36.0 | 6.0 |
| 127.71 | 38.92 | 5508.4 | 234.6 | 4.3 | 331.1 | 376.9 | 27.5 | 14.8 | 320.0 | 0.0 | 0.0 | 3.0 |
| 128.20 | 39.08 | 4027.0 | 129.9 | 3.2 | 332.3 | 378.4 | 20.1 | 10.8 | 221.1 | 0.0 | 0.0 | 3.0 |
| 128.69 | 39.22 | 3669.4 | 85.4 | 2.3 | 333.5 | 379.9 | 14.7 | 7.9 | 197.1 | 30.0 | 30.0 | 3.0 |
| 129.18 | 39.38 | 3221.5 | 80.6 | 2.5 | 334.8 | 381.4 | 12.9 | 6.9 | 167.0 | 30.0 | 30.0 | 1.5 |
| 129.67 | 39.53 | 3190.6 | 76.3 | 2.4 | 336.0 | 382.8 | 12.8 | 6.8 | 164.8 | 30.0 | 30.0 | 1.5 |
| 130.17 | 39.67 | 4260.6 | 134.4 | 3.2 | 337.2 | 384.3 | 21.3 | 11.4 | 235.9 | 0.0 | 0.0 | 3.0 |
| 130.66 | 39.83 | 10800.5 | 401.3 | 3.7 | 338.4 | 385.8 | 43.2 | 23.0 | 671.7 | 52.0 | 36.0 | 6.0 |
| 131.15 | 39.97 | 22747.8 | 421.0 | 1.9 | 339.7 | 387.2 | 56.9 | 30.2 | 0.0 | 73.3 | 40.0 | 1.0 |
| 131.64 | 40.12 | 18871.1 | 211.1 | 1.1 | 341.2 | 388.7 | 37.7 | 20.0 | 0.0 | 67.9 | 40.0 | 1.0 |
| 132.13 | 40.28 | 6729.6 | 290.4 | 4.3 | 342.5 | 390.2 | 33.6 | 17.8 | 399.8 | 0.0 | 0.0 | 6.0 |
| 132.63 | 40.42 | 10627.4 | 234.0 | 2.2 | 343.8 | 391.7 | 35.4 | 18.7 | 0.0 | 51.3 | 36.0 | 1.0 |
| 133.12 | 40.58 | 19253.7 | 108.5 | 0.6 | 345.2 | 393.1 | 38.5 | 20.3 | 0.0 | 68.3 | 40.0 | 1.0 |
| 133.61 | 40.72 | 5553.1 | 123.2 | 2.2 | 346.5 | 394.6 | 22.2 | 11.7 | 320.8 | 32.6 | 32.0 | 3.0 |
| 134.10 | 40.88 | 4601.4 | 43.5 | 0.9 | 347.8 | 396.1 | 15.3 | 8.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 134.59 | 41.03 | 3923.8 | 45.7 | 1.2 | 349.1 | 397.6 | 13.1 | 6.9 | 0.0 | 30.0 | 30.0 | 1.0 |
| 135.09 | 41.17 | 3696.9 | 46.5 | 1.3 | 350.4 | 399.0 | 12.3 | 6.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 135.58 | 41.33 | 3360.3 | 44.7 | 1.3 | 351.7 | 400.5 | 11.2 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 136.07 | 41.47 | 4205.3 | 74.2 | 1.8 | 353.0 | 402.0 | 14.0 | 7.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 136.56 | 41.62 | 3825.5 | 82.8 | 2.2 | 354.2 | 403.4 | 15.3 | 8.0 | 204.5 | 30.0 | 30.0 | 3.0 |
| 137.06 | 41.78 | 3824.6 | 104.2 | 2.7 | 355.5 | 404.9 | 15.3 | 7.9 | 204.3 | 30.0 | 30.0 | 3.0 |
| 137.55 | 41.92 | 9277.1 | 187.5 | 2.0 | 356.7 | 406.4 | 30.9 | 16.0 | 0.0 | 46.9 | 34.0 | 1.0 |
| 138.04 | 42.08 | 5439.3 | 84.0 | 1.5 | 358.0 | 407.9 | 18.1 | 9.4 | 0.0 | 31.5 | 32.0 | 1.0 |
| 138.53 | 42.22 | 3742.1 | 49.9 | 1.3 | 359.3 | 409.3 | 12.5 | 6.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 139.02 | 42.38 | 4175.7 | 80.6 | 1.9 | 360.6 | 410.8 | 16.7 | 8.6 | 227.0 | 30.0 | 30.0 | 3.0 |
| 139.52 | 42.53 | 3757.0 | 109.3 | 2.9 | 361.8 | 412.3 | 15.0 | 7.7 | 198.9 | 30.0 | 30.0 | 3.0 |
| 140.01 | 42.67 | 9068.1 | 230.9 | 2.5 | 363.1 | 413.7 | 30.2 | 15.5 | 0.0 | 46.0 | 34.0 | 1.0 |
| 140.50 | 42.83 | 6855.3 | 204.9 | 3.0 | 364.4 | 415.2 | 27.4 | 14.1 | 405.0 | 37.9 | 32.0 | 6.0 |
| 140.99 | 42.97 | 5530.9 | 183.7 | 3.3 | 365.6 | 416.7 | 27.7 | 14.2 | 316.6 | 0.0 | 0.0 | 3.0 |
| 141.48 | 43.12 | 10958.1 | 264.4 | 2.4 | 366.9 | 418.2 | 36.5 | 18.7 | 0.0 | 51.3 | 36.0 | 1.0 |
| 141.98 | 43.28 | 14664.7 | 265.5 | 1.8 | 368.2 | 419.6 | 36.7 | 18.7 | 0.0 | 59.6 | 38.0 | 1.0 |
| 142.47 | 43.42 | 7607.1 | 155.7 | 2.0 | 369.5 | 421.1 | 25.4 | 12.9 | 0.0 | 40.7 | 32.0 | 1.0 |
| 142.96 | 43.58 | 5277.6 | 53.7 | 1.0 | 370.8 | 422.6 | 17.6 | 8.9 | 0.0 | 30.2 | 30.0 | 1.0 |
| 143.45 | 43.72 | 4170.3 | 54.4 | 1.3 | 372.1 | 424.0 | 13.9 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 143.95 | 43.88 | 3825.3 | 57.3 | 1.5 | 373.5 | 425.5 | 12.8 | 6.5 | 0.0 | 30.0 | 30.0 | 1.0 |
| 144.44 | 44.03 | 3708.4 | 52.0 | 1.4 | 374.8 | 427.0 | 12.4 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 144.93 | 44.17 | 4227.2 | 43.5 | 1.0 | 376.1 | 428.5 | 14.1 | 7.1 | 0.0 | 30.0 | 30.0 | 1.0 |
| 145.42 | 44.33 | 5347.3 | 62.5 | 1.2 | 377.4 | 429.9 | 17.8 | 9.0 | 0.0 | 30.3 | 30.0 | 1.0 |
| 145.91 | 44.47 | 4084.8 | 88.4 | 2.2 | 378.6 | 431.4 | 16.3 | 8.2 | 218.3 | 30.0 | 30.0 | 3.0 |
| 146.41 | 44.62 | 4158.9 | 99.6 | 2.4 | 379.9 | 432.9 | 16.6 | 8.4 | 223.1 | 30.0 | 30.0 | 3.0 |
| 146.90 | 44.78 | 3218.7 | 83.1 | 2.6 | 381.1 | 434.3 | 12.9 | 6.5 | 160.2 | 30.0 | 30.0 | 1.5 |
| 147.39 | 44.92 | 6194.8 | 179.6 | 2.9 | 382.3 | 435.8 | 24.8 | 12.4 | 358.4 | 34.3 | 32.0 | 3.0 |
| 147.88 | 45.08 | 9060.2 | 266.8 | 2.9 | 383.5 | 437.3 | 36.2 | 18.1 | 549.3 | 45.2 | 34.0 | 6.0 |
| 148.37 | 45.22 | 23007.3 | 334.0 | 1.5 | 384.8 | 438.8 | 57.5 | 28.8 | 0.0 | 71.8 | 40.0 | 1.0 |
| 148.87 | 45.38 | 39779.0 | 374.8 | 0.9 | 386.3 | 440.2 | 79.6 | 39.8 | 0.0 | 87.5 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3839
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-14-310
 Location: STRUCTURE 14
 Cone: 20 TON A 058
 CPT Date: 00/18/01
 CPT Time: 13:28
 CPT File: 300SC310.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 568.8 | 3.3 | 0.6 | 0.9 | 0.0 | 2.8 | 5.7 | 37.9 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 2262.0 | 13.5 | 0.6 | 3.3 | 0.0 | 7.5 | 15.1 | 0.0 | 73.7 | 50.0 | 1.0 |
| 1.23 | 0.38 | 2194.1 | 36.9 | 1.7 | 6.0 | 0.0 | 8.8 | 17.6 | 145.9 | 64.1 | 48.0 | 10.0 |
| 1.72 | 0.52 | 1269.6 | 51.6 | 4.1 | 8.4 | 0.2 | 12.7 | 25.4 | 84.1 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 739.0 | 28.9 | 3.9 | 9.6 | 1.7 | 7.4 | 14.8 | 48.5 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 846.6 | 26.5 | 3.1 | 10.8 | 3.2 | 5.6 | 11.3 | 55.5 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 740.1 | 21.9 | 3.0 | 12.0 | 4.7 | 4.9 | 9.9 | 48.2 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 833.4 | 23.5 | 2.8 | 13.0 | 5.9 | 5.6 | 11.1 | 54.3 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 862.2 | 25.6 | 3.0 | 14.0 | 7.1 | 5.7 | 11.5 | 56.1 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 858.3 | 22.7 | 2.6 | 15.3 | 8.6 | 5.7 | 11.4 | 55.6 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 898.8 | 26.8 | 3.0 | 16.5 | 10.1 | 6.0 | 12.0 | 58.1 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1026.7 | 39.8 | 3.9 | 17.7 | 11.5 | 10.3 | 20.5 | 66.5 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 1149.8 | 62.3 | 5.4 | 18.8 | 13.0 | 11.5 | 23.0 | 74.5 | 0.0 | 0.0 | 6.0 |
| 6.56 | 2.00 | 980.1 | 48.3 | 4.9 | 20.2 | 14.7 | 9.8 | 19.6 | 63.0 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 786.7 | 34.7 | 4.4 | 21.5 | 16.4 | 7.9 | 15.7 | 49.9 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 1175.4 | 51.1 | 4.3 | 22.7 | 17.9 | 11.8 | 23.5 | 75.7 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1431.5 | 50.2 | 3.5 | 23.9 | 19.4 | 9.5 | 19.1 | 92.5 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 1269.3 | 59.0 | 4.7 | 25.1 | 20.8 | 12.7 | 24.8 | 81.6 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 1784.7 | 70.4 | 3.9 | 26.3 | 22.3 | 11.9 | 22.7 | 115.7 | 0.0 | 0.0 | 10.0 |
| 9.60 | 2.92 | 1610.3 | 62.2 | 3.9 | 27.5 | 23.8 | 10.7 | 20.0 | 103.9 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1778.0 | 57.0 | 3.2 | 28.7 | 25.3 | 8.9 | 16.2 | 114.9 | 0.0 | 0.0 | 10.0 |
| 10.58 | 3.22 | 1982.0 | 68.2 | 3.4 | 29.9 | 26.7 | 9.9 | 17.7 | 128.4 | 0.0 | 0.0 | 10.0 |
| 11.07 | 3.38 | 1855.0 | 69.2 | 3.7 | 31.2 | 28.2 | 12.4 | 21.7 | 119.7 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1751.2 | 62.6 | 3.6 | 32.4 | 29.7 | 11.7 | 20.1 | 112.6 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1473.4 | 51.2 | 3.5 | 33.6 | 31.1 | 9.8 | 16.6 | 93.9 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1331.8 | 47.8 | 3.6 | 34.9 | 32.6 | 8.9 | 14.7 | 84.3 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1202.2 | 41.2 | 3.4 | 36.1 | 34.1 | 8.0 | 13.1 | 75.5 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1020.7 | 36.5 | 3.6 | 37.3 | 35.6 | 10.2 | 16.4 | 63.2 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 870.5 | 28.8 | 3.3 | 38.4 | 37.0 | 8.7 | 13.7 | 53.0 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1070.4 | 31.8 | 3.0 | 39.6 | 38.5 | 7.1 | 11.1 | 66.1 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1406.6 | 43.1 | 3.1 | 40.8 | 40.0 | 7.0 | 10.8 | 88.4 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1309.4 | 41.0 | 3.1 | 42.1 | 41.4 | 8.7 | 13.2 | 81.7 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 996.7 | 27.5 | 2.8 | 43.3 | 42.9 | 6.6 | 9.9 | 60.7 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 931.7 | 20.7 | 2.2 | 44.5 | 44.4 | 4.7 | 6.8 | 56.2 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 925.1 | 18.0 | 1.9 | 45.8 | 45.9 | 4.6 | 6.7 | 55.6 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 964.2 | 16.2 | 1.7 | 47.0 | 47.3 | 4.8 | 6.9 | 58.0 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 1218.2 | 21.9 | 1.8 | 48.2 | 48.8 | 6.1 | 8.6 | 74.7 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 1503.5 | 31.7 | 2.1 | 49.4 | 50.3 | 7.5 | 10.5 | 93.6 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1492.2 | 30.0 | 2.0 | 50.7 | 51.7 | 7.5 | 10.3 | 92.7 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 1568.6 | 31.1 | 2.0 | 51.9 | 53.2 | 7.8 | 10.7 | 97.6 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1537.9 | 32.3 | 2.1 | 53.1 | 54.7 | 7.7 | 10.3 | 95.3 | 0.0 | 0.0 | 6.0 |
| 20.42 | 6.23 | 1417.9 | 28.7 | 2.0 | 54.4 | 56.2 | 7.1 | 9.4 | 87.2 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 1445.2 | 23.4 | 1.6 | 55.6 | 57.6 | 5.8 | 7.6 | 88.8 | 30.0 | 34.0 | 6.0 |
| 21.41 | 6.52 | 1583.0 | 26.7 | 1.7 | 56.8 | 59.1 | 6.3 | 8.2 | 97.8 | 30.0 | 36.0 | 6.0 |
| 21.90 | 6.68 | 1521.9 | 28.3 | 1.9 | 58.0 | 60.6 | 6.1 | 7.8 | 93.5 | 30.0 | 34.0 | 6.0 |
| 22.39 | 6.82 | 1605.6 | 28.9 | 1.8 | 59.3 | 62.0 | 6.4 | 8.2 | 99.0 | 30.0 | 34.0 | 6.0 |
| 22.88 | 6.98 | 1280.6 | 23.3 | 1.8 | 60.5 | 63.5 | 6.4 | 8.1 | 77.1 | 0.0 | 0.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 149.36 | 45.53 | 4134.1 | 95.6 | 2.3 | 387.4 | 441.7 | 16.5 | 8.3 | 220.3 | 30.0 | 30.0 | 3.0 |
| 149.85 | 45.67 | 6022.0 | 186.4 | 3.1 | 388.6 | 443.2 | 24.1 | 12.0 | 346.0 | 33.3 | 32.0 | 3.0 |
| 150.34 | 45.83 | 5019.6 | 228.3 | 4.5 | 389.8 | 444.6 | 33.5 | 16.7 | 279.0 | 0.0 | 0.0 | 3.0 |
| 150.83 | 45.97 | 8352.0 | 253.9 | 3.0 | 391.0 | 446.1 | 33.4 | 16.7 | 501.0 | 42.6 | 34.0 | 6.0 |
| 151.33 | 46.12 | 5282.4 | 209.7 | 4.0 | 392.3 | 447.6 | 26.4 | 13.2 | 296.2 | 0.0 | 0.0 | 3.0 |
| 151.82 | 46.28 | 3681.6 | 135.9 | 3.7 | 393.5 | 449.1 | 18.4 | 9.2 | 189.3 | 0.0 | 0.0 | 1.5 |
| 152.31 | 46.42 | 6879.6 | 239.3 | 3.5 | 394.7 | 450.5 | 34.4 | 17.2 | 402.3 | 0.0 | 0.0 | 6.0 |
| 152.80 | 46.58 | 5691.9 | 290.8 | 5.1 | 396.1 | 452.0 | 56.9 | 28.5 | 0.0 | 31.4 | 32.0 | 1.0 |
| 153.30 | 46.72 | 6133.1 | 292.5 | 4.8 | 397.7 | 453.5 | 61.3 | 30.7 | 0.0 | 33.5 | 32.0 | 1.0 |
| 153.79 | 46.88 | 4871.7 | 203.6 | 4.2 | 399.2 | 454.9 | 24.4 | 12.2 | 267.8 | 0.0 | 0.0 | 3.0 |
| 154.28 | 47.03 | 9344.8 | 272.7 | 2.9 | 400.4 | 456.4 | 37.4 | 18.7 | 565.9 | 45.5 | 34.0 | 6.0 |
| 154.77 | 47.17 | 12324.9 | 227.4 | 1.8 | 401.7 | 457.9 | 41.1 | 20.5 | 0.0 | 53.3 | 36.0 | 1.0 |
| 155.26 | 47.33 | 5268.3 | 184.1 | 3.5 | 402.9 | 459.4 | 26.3 | 13.2 | 293.7 | 0.0 | 0.0 | 3.0 |
| 155.76 | 47.47 | 5584.3 | 156.6 | 2.8 | 404.1 | 460.8 | 22.3 | 11.2 | 314.6 | 30.6 | 30.0 | 3.0 |
| 156.25 | 47.62 | 4734.1 | 142.3 | 3.0 | 405.4 | 462.3 | 18.9 | 9.5 | 257.8 | 30.0 | 30.0 | 3.0 |
| 156.74 | 47.78 | 4962.5 | 165.2 | 3.3 | 406.6 | 463.8 | 24.8 | 12.4 | 272.8 | 0.0 | 0.0 | 3.0 |
| 157.23 | 47.92 | 7327.4 | 275.7 | 3.8 | 407.8 | 465.2 | 36.6 | 18.3 | 430.3 | 0.0 | 0.0 | 6.0 |
| 157.72 | 48.08 | 16232.1 | 174.5 | 1.1 | 409.2 | 466.7 | 32.5 | 16.2 | 0.0 | 61.0 | 38.0 | 1.0 |
| 158.22 | 48.22 | 5157.1 | 133.7 | 2.6 | 410.5 | 468.2 | 20.6 | 10.3 | 285.2 | 30.0 | 30.0 | 3.0 |
| 158.71 | 48.38 | 10427.7 | 243.7 | 2.3 | 411.8 | 469.7 | 34.8 | 17.4 | 0.0 | 48.2 | 34.0 | 1.0 |
| 159.20 | 48.53 | 14231.7 | 264.6 | 1.9 | 413.1 | 471.1 | 47.4 | 23.7 | 0.0 | 57.1 | 36.0 | 1.0 |
| 159.69 | 48.67 | 9066.0 | 321.6 | 3.5 | 414.4 | 472.6 | 36.3 | 18.1 | 545.3 | 44.1 | 34.0 | 6.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3888
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-14-311
 Location: STRUCTURE 14
 Cone: 20 TON A 058
 CPT Date: 00/17/01
 CPT Time: 11:16
 CPT File: 300SC311.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 2171.6 | 42.9 | 2.0 | 1.4 | 0.0 | 8.7 | 17.4 | 144.7 | 85.2 | 50.0 | 10.0 |
| 0.74 | 0.23 | 3024.0 | 34.8 | 1.2 | 4.1 | 0.0 | 10.1 | 20.2 | 0.0 | 78.8 | 50.0 | 1.0 |
| 1.23 | 0.38 | 2875.3 | 18.6 | 0.6 | 6.9 | 0.0 | 9.6 | 19.2 | 0.0 | 69.9 | 48.0 | 1.0 |
| 1.72 | 0.52 | 3526.4 | 20.6 | 0.6 | 9.4 | 0.2 | 11.8 | 23.5 | 0.0 | 71.3 | 48.0 | 1.0 |
| 2.21 | 0.68 | 3410.4 | 17.8 | 0.5 | 10.7 | 1.7 | 11.4 | 22.7 | 0.0 | 68.5 | 46.0 | 1.0 |
| 2.71 | 0.82 | 3771.7 | 23.9 | 0.6 | 12.0 | 3.2 | 12.6 | 25.1 | 0.0 | 69.7 | 46.0 | 1.0 |
| 3.20 | 0.97 | 6227.7 | 23.4 | 0.4 | 13.3 | 4.7 | 15.6 | 31.1 | 0.0 | 82.6 | 48.0 | 1.0 |
| 3.61 | 1.10 | 7035.2 | 27.5 | 0.4 | 14.5 | 5.9 | 17.6 | 35.2 | 0.0 | 84.9 | 48.0 | 1.0 |
| 4.02 | 1.22 | 7351.7 | 30.5 | 0.4 | 15.6 | 7.1 | 18.4 | 36.8 | 0.0 | 85.0 | 48.0 | 1.0 |
| 4.51 | 1.38 | 5192.0 | 29.2 | 0.6 | 17.0 | 8.6 | 13.0 | 26.0 | 0.0 | 73.9 | 46.0 | 1.0 |
| 5.00 | 1.53 | 1996.2 | 41.4 | 2.1 | 18.3 | 10.1 | 8.0 | 16.0 | 131.2 | 45.4 | 42.0 | 10.0 |
| 5.50 | 1.67 | 1435.9 | 34.4 | 2.4 | 19.5 | 11.5 | 7.2 | 14.4 | 93.7 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 1440.1 | 42.2 | 2.9 | 20.8 | 13.0 | 7.2 | 14.4 | 93.8 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 1427.8 | 38.7 | 2.7 | 22.2 | 14.7 | 7.1 | 14.3 | 92.7 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 1603.0 | 41.1 | 2.6 | 23.6 | 16.4 | 8.0 | 16.0 | 104.2 | 0.0 | 0.0 | 10.0 |
| 7.63 | 2.33 | 1703.9 | 52.3 | 3.1 | 24.9 | 17.9 | 8.5 | 16.7 | 110.7 | 0.0 | 0.0 | 10.0 |
| 8.12 | 2.47 | 1985.9 | 63.3 | 3.2 | 26.1 | 19.4 | 9.9 | 19.0 | 129.4 | 0.0 | 0.0 | 10.0 |
| 8.61 | 2.62 | 2286.4 | 73.6 | 3.2 | 27.3 | 20.8 | 11.4 | 21.4 | 149.2 | 0.0 | 0.0 | 10.0 |
| 9.10 | 2.78 | 2170.4 | 84.4 | 3.9 | 28.6 | 22.3 | 14.5 | 26.5 | 141.3 | 0.0 | 0.0 | 10.0 |
| 9.60 | 2.92 | 1993.3 | 78.9 | 4.0 | 29.8 | 23.8 | 13.3 | 23.8 | 129.3 | 0.0 | 0.0 | 10.0 |
| 10.09 | 3.08 | 1797.7 | 70.1 | 3.9 | 31.0 | 25.3 | 12.0 | 21.1 | 116.1 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1910.0 | 62.3 | 3.3 | 32.2 | 26.7 | 9.6 | 16.5 | 123.4 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1890.6 | 65.8 | 3.5 | 33.5 | 28.2 | 12.6 | 21.3 | 121.9 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1928.0 | 69.1 | 3.6 | 34.7 | 29.7 | 12.9 | 21.4 | 124.2 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1692.7 | 56.4 | 3.3 | 35.9 | 31.1 | 11.3 | 18.4 | 108.4 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1677.4 | 55.5 | 3.3 | 37.2 | 32.6 | 11.2 | 18.0 | 107.2 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1609.8 | 52.2 | 3.2 | 38.4 | 34.1 | 8.0 | 12.7 | 102.5 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1753.8 | 65.8 | 3.7 | 39.6 | 35.6 | 11.7 | 18.2 | 111.9 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 2087.8 | 76.4 | 3.7 | 40.8 | 37.0 | 13.9 | 21.3 | 134.0 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 2148.9 | 84.9 | 3.9 | 42.1 | 38.5 | 14.3 | 21.6 | 137.9 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1597.2 | 56.0 | 3.5 | 43.3 | 40.0 | 10.6 | 15.8 | 100.9 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1437.5 | 39.8 | 2.8 | 44.5 | 41.4 | 7.2 | 10.5 | 90.1 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1337.0 | 31.9 | 2.4 | 45.8 | 42.9 | 6.7 | 9.7 | 83.2 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 1268.1 | 23.2 | 1.8 | 47.0 | 44.4 | 6.3 | 9.1 | 78.5 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1451.7 | 26.6 | 1.8 | 48.2 | 45.9 | 7.3 | 10.2 | 90.5 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 1899.2 | 38.5 | 2.0 | 49.4 | 47.3 | 7.6 | 10.6 | 120.2 | 30.0 | 38.0 | 6.0 |
| 17.96 | 5.48 | 1883.0 | 30.8 | 1.6 | 50.7 | 48.8 | 7.5 | 10.4 | 118.9 | 30.0 | 38.0 | 6.0 |
| 18.45 | 5.62 | 1657.4 | 29.5 | 1.8 | 51.9 | 50.3 | 6.6 | 9.0 | 103.7 | 30.0 | 36.0 | 6.0 |
| 18.95 | 5.77 | 1524.4 | 27.6 | 1.8 | 53.1 | 51.7 | 6.1 | 8.2 | 94.6 | 30.0 | 36.0 | 6.0 |
| 19.44 | 5.93 | 1392.9 | 23.8 | 1.7 | 54.4 | 53.2 | 7.0 | 9.2 | 85.7 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1616.2 | 22.6 | 1.4 | 55.6 | 54.7 | 6.5 | 8.5 | 100.4 | 30.0 | 36.0 | 6.0 |
| 20.42 | 6.23 | 1410.5 | 20.0 | 1.4 | 56.8 | 56.2 | 5.6 | 7.3 | 86.5 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 1302.9 | 13.0 | 1.0 | 58.0 | 57.6 | 5.2 | 6.7 | 79.1 | 30.0 | 34.0 | 6.0 |
| 21.41 | 6.52 | 1244.3 | 12.4 | 1.0 | 59.3 | 59.1 | 5.0 | 6.3 | 75.1 | 30.0 | 34.0 | 6.0 |
| 21.90 | 6.68 | 1088.2 | 28.1 | 2.6 | 60.5 | 60.6 | 5.4 | 6.8 | 64.5 | 0.0 | 0.0 | 6.0 |
| 22.39 | 6.82 | 966.0 | 15.0 | 1.6 | 61.7 | 62.0 | 4.8 | 6.0 | 56.1 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 797.2 | 10.9 | 1.4 | 63.0 | 63.5 | 4.0 | 4.9 | 44.7 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 3802.9 | 107.8 | 2.8 | 307.0 | 347.0 | 15.2 | 8.5 | 209.9 | 30.0 | 30.0 | 3.0 |
| 118.19 | 36.03 | 5340.3 | 181.1 | 3.4 | 308.2 | 348.5 | 26.7 | 14.9 | 312.2 | 0.0 | 0.0 | 6.0 |
| 118.68 | 36.17 | 5358.1 | 160.4 | 3.0 | 309.5 | 350.0 | 21.4 | 11.9 | 313.2 | 33.2 | 32.0 | 6.0 |
| 119.18 | 36.33 | 3933.4 | 139.7 | 3.6 | 310.7 | 351.4 | 19.7 | 10.9 | 218.1 | 0.0 | 0.0 | 3.0 |
| 119.67 | 36.47 | 4809.8 | 159.1 | 3.3 | 311.9 | 352.9 | 24.0 | 13.3 | 276.3 | 0.0 | 0.0 | 3.0 |
| 120.16 | 36.62 | 3372.7 | 111.3 | 3.3 | 313.1 | 354.4 | 16.9 | 9.3 | 180.3 | 0.0 | 0.0 | 3.0 |
| 120.65 | 36.78 | 4132.9 | 136.5 | 3.3 | 314.4 | 355.9 | 20.7 | 11.4 | 230.8 | 0.0 | 0.0 | 3.0 |
| 121.14 | 36.92 | 7558.1 | 227.0 | 3.0 | 315.6 | 357.3 | 30.2 | 16.7 | 459.0 | 42.8 | 34.0 | 6.0 |
| 121.64 | 37.08 | 7200.5 | 226.5 | 3.1 | 316.8 | 358.8 | 28.8 | 15.8 | 435.0 | 41.3 | 34.0 | 6.0 |
| 122.21 | 37.25 | 3793.4 | 111.3 | 2.9 | 318.3 | 360.5 | 15.2 | 8.3 | 207.6 | 30.0 | 30.0 | 3.0 |
| 122.78 | 37.42 | 3212.4 | 78.2 | 2.4 | 319.7 | 362.2 | 12.8 | 7.0 | 168.7 | 30.0 | 30.0 | 3.0 |
| 123.28 | 37.58 | 4087.4 | 93.6 | 2.3 | 320.9 | 363.7 | 16.3 | 8.9 | 226.9 | 30.0 | 30.0 | 3.0 |
| 123.77 | 37.72 | 5958.8 | 230.7 | 3.9 | 322.1 | 365.2 | 29.8 | 16.2 | 351.4 | 0.0 | 0.0 | 6.0 |
| 124.26 | 37.88 | 8347.6 | 212.3 | 2.5 | 323.4 | 366.6 | 33.4 | 18.2 | 510.5 | 45.3 | 34.0 | 6.0 |
| 124.75 | 38.03 | 9333.8 | 193.1 | 2.1 | 324.6 | 368.1 | 31.1 | 16.9 | 0.0 | 48.4 | 36.0 | 1.0 |
| 125.24 | 38.17 | 4397.7 | 121.6 | 2.8 | 325.9 | 369.6 | 17.6 | 9.5 | 246.8 | 30.0 | 30.0 | 3.0 |
| 125.74 | 38.33 | 4172.0 | 97.6 | 2.3 | 327.1 | 371.1 | 16.7 | 9.0 | 231.6 | 30.0 | 30.0 | 3.0 |
| 126.23 | 38.47 | 4341.0 | 108.3 | 2.5 | 328.4 | 372.5 | 17.4 | 9.4 | 242.7 | 30.0 | 30.0 | 3.0 |
| 126.72 | 38.62 | 3374.6 | 76.4 | 2.3 | 329.6 | 374.0 | 13.5 | 7.3 | 178.1 | 30.0 | 30.0 | 3.0 |
| 127.21 | 38.78 | 3493.3 | 82.9 | 2.4 | 330.8 | 375.5 | 14.0 | 7.5 | 185.8 | 30.0 | 30.0 | 3.0 |
| 127.71 | 38.92 | 4148.0 | 121.5 | 2.9 | 332.1 | 376.9 | 16.6 | 8.9 | 229.3 | 30.0 | 30.0 | 3.0 |
| 128.20 | 39.08 | 4283.9 | 139.0 | 3.2 | 333.3 | 378.4 | 21.4 | 11.5 | 238.1 | 0.0 | 0.0 | 3.0 |
| 128.69 | 39.22 | 3976.5 | 176.1 | 4.4 | 334.5 | 379.9 | 26.5 | 14.2 | 217.5 | 0.0 | 0.0 | 3.0 |
| 129.18 | 39.38 | 5883.1 | 222.8 | 3.8 | 335.7 | 381.4 | 29.4 | 15.7 | 344.4 | 0.0 | 0.0 | 6.0 |
| 129.67 | 39.53 | 6093.6 | 177.6 | 2.9 | 337.0 | 382.8 | 24.4 | 13.0 | 358.3 | 35.7 | 32.0 | 6.0 |
| 130.17 | 39.67 | 4106.6 | 118.3 | 2.9 | 338.2 | 384.3 | 16.4 | 8.7 | 225.6 | 30.0 | 30.0 | 3.0 |
| 130.66 | 39.83 | 4629.6 | 166.4 | 3.6 | 339.4 | 385.8 | 23.1 | 12.3 | 260.3 | 0.0 | 0.0 | 3.0 |
| 131.15 | 39.97 | 8286.8 | 319.0 | 3.8 | 340.6 | 387.2 | 41.4 | 22.0 | 503.9 | 0.0 | 0.0 | 6.0 |
| 131.64 | 40.12 | 12826.6 | 300.8 | 2.3 | 341.9 | 388.7 | 42.8 | 22.6 | 0.0 | 56.8 | 38.0 | 1.0 |
| 132.13 | 40.28 | 24488.7 | 161.5 | 0.7 | 343.3 | 390.2 | 49.0 | 25.9 | 0.0 | 75.3 | 40.0 | 1.0 |
| 132.63 | 40.42 | 33573.8 | 87.8 | 0.3 | 344.8 | 391.7 | 56.0 | 29.5 | 0.0 | 84.3 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0519-1709-1712
 Job No: 97-100
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-14-312
 Location: STRUCTURE 14
 Cone: 20 TON A 070
 CPT Date: 10/01/05
 CPT Time: 21:43
 CPT File: 300SC312.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 960.0 | 10.3 | 1.1 | 1.4 | 0.0 | 4.8 | 9.6 | 63.9 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1263.0 | 11.9 | 0.9 | 4.1 | 0.0 | 5.1 | 10.1 | 83.9 | 53.9 | 46.0 | 10.0 |
| 1.23 | 0.38 | 1084.2 | 13.9 | 1.3 | 6.8 | 0.0 | 5.4 | 10.8 | 71.8 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 1061.7 | 22.1 | 2.1 | 9.2 | 0.2 | 5.3 | 10.6 | 70.2 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 607.9 | 13.3 | 2.2 | 10.4 | 1.7 | 4.1 | 8.1 | 39.7 | 0.0 | 0.0 | 6.0 |
| 2.71 | 0.82 | 424.9 | 8.6 | 2.0 | 11.6 | 3.2 | 4.2 | 8.5 | 27.3 | 0.0 | 0.0 | 6.0 |
| 3.20 | 0.97 | 464.4 | 10.0 | 2.2 | 12.8 | 4.7 | 3.1 | 6.2 | 29.8 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 904.0 | 17.0 | 1.9 | 13.8 | 5.9 | 4.5 | 9.0 | 59.0 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 1103.1 | 34.9 | 3.2 | 14.9 | 7.1 | 7.4 | 14.7 | 72.1 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1151.9 | 40.1 | 3.5 | 16.1 | 8.6 | 7.7 | 15.4 | 75.1 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 1157.9 | 29.9 | 2.6 | 17.3 | 10.1 | 5.8 | 11.6 | 75.4 | 0.0 | 0.0 | 10.0 |
| 5.50 | 1.67 | 1670.7 | 45.6 | 2.7 | 18.5 | 11.5 | 8.4 | 16.7 | 109.4 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 1801.0 | 60.0 | 3.3 | 19.8 | 13.0 | 9.0 | 18.0 | 117.9 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 2032.6 | 71.4 | 3.5 | 21.2 | 14.7 | 13.6 | 27.1 | 133.1 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 1863.2 | 67.1 | 3.6 | 22.6 | 16.4 | 12.4 | 24.8 | 121.6 | 0.0 | 0.0 | 10.0 |
| 7.63 | 2.33 | 1966.4 | 71.4 | 3.6 | 23.9 | 17.9 | 13.1 | 26.2 | 128.3 | 0.0 | 0.0 | 10.0 |
| 8.12 | 2.47 | 2106.1 | 71.6 | 3.4 | 25.1 | 19.4 | 10.5 | 20.6 | 137.4 | 0.0 | 0.0 | 10.0 |
| 8.61 | 2.62 | 1890.0 | 72.5 | 3.8 | 26.3 | 20.8 | 12.6 | 24.0 | 122.9 | 0.0 | 0.0 | 10.0 |
| 9.10 | 2.78 | 1645.4 | 65.0 | 4.0 | 27.5 | 22.3 | 16.5 | 30.7 | 106.4 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1749.7 | 66.5 | 3.8 | 28.7 | 23.8 | 11.7 | 21.3 | 113.1 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1823.7 | 63.2 | 3.5 | 29.9 | 25.3 | 12.2 | 21.7 | 117.9 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1802.8 | 61.1 | 3.4 | 31.2 | 26.7 | 12.0 | 21.1 | 116.3 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1525.7 | 53.0 | 3.5 | 32.4 | 28.2 | 10.2 | 17.5 | 97.7 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1521.8 | 52.1 | 3.4 | 33.6 | 29.7 | 10.1 | 17.1 | 97.2 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1462.8 | 48.3 | 3.3 | 34.9 | 31.1 | 9.8 | 16.2 | 93.1 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1585.2 | 57.6 | 3.6 | 36.1 | 32.6 | 10.6 | 17.2 | 101.1 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1495.0 | 56.3 | 3.8 | 37.3 | 34.1 | 10.0 | 16.0 | 94.9 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1427.7 | 49.9 | 3.5 | 38.5 | 35.6 | 9.5 | 15.0 | 90.2 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1423.5 | 51.4 | 3.6 | 39.8 | 37.0 | 9.5 | 14.7 | 89.8 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1236.3 | 39.8 | 3.2 | 41.0 | 38.5 | 8.2 | 12.6 | 77.1 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1330.0 | 35.2 | 2.6 | 42.2 | 40.0 | 6.7 | 10.0 | 83.2 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1395.1 | 31.0 | 2.2 | 43.5 | 41.4 | 7.0 | 10.4 | 87.3 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1468.2 | 31.2 | 2.1 | 44.7 | 42.9 | 7.3 | 10.7 | 92.0 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 1247.7 | 28.4 | 2.3 | 45.9 | 44.4 | 6.2 | 9.0 | 77.2 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1197.1 | 28.4 | 2.4 | 47.1 | 45.9 | 6.0 | 8.5 | 73.6 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 1091.9 | 26.9 | 2.5 | 48.4 | 47.3 | 5.5 | 7.7 | 66.4 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 1165.4 | 25.1 | 2.2 | 49.6 | 48.8 | 5.8 | 8.1 | 71.1 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 1239.2 | 26.1 | 2.1 | 50.8 | 50.3 | 6.2 | 8.5 | 75.9 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1152.3 | 28.0 | 2.4 | 52.1 | 51.7 | 5.8 | 7.8 | 69.9 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 1276.4 | 30.6 | 2.4 | 53.3 | 53.2 | 6.4 | 8.6 | 78.0 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1128.7 | 19.7 | 1.7 | 54.5 | 54.7 | 5.6 | 7.5 | 68.0 | 0.0 | 0.0 | 6.0 |
| 20.42 | 6.23 | 1072.3 | 19.1 | 1.8 | 55.7 | 56.2 | 5.4 | 7.0 | 64.0 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 943.2 | 14.6 | 1.5 | 57.0 | 57.6 | 4.7 | 6.1 | 55.2 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 861.1 | 9.8 | 1.1 | 58.2 | 59.1 | 4.3 | 5.5 | 49.6 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 869.7 | 5.4 | 0.6 | 59.4 | 60.6 | 3.5 | 4.4 | 50.0 | 30.0 | 32.0 | 3.0 |
| 22.39 | 6.82 | 789.0 | 11.1 | 1.4 | 60.7 | 62.0 | 3.9 | 5.0 | 44.4 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 937.9 | 9.3 | 1.0 | 61.9 | 63.5 | 4.7 | 5.8 | 54.2 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 (blows/ft) | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|----------------------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 4398.6 | 128.0 | 2.9 | 303.2 | 347.0 | 17.6 | 9.9 | 249.9 | 30.0 | 32.0 | 3.0 |
| 118.19 | 36.03 | 5048.5 | 158.5 | 3.1 | 304.4 | 348.5 | 20.2 | 11.3 | 293.0 | 31.7 | 32.0 | 3.0 |
| 118.68 | 36.17 | 8221.8 | 129.5 | 1.6 | 305.7 | 350.0 | 27.4 | 15.3 | 0.0 | 45.6 | 34.0 | 1.0 |
| 119.18 | 36.33 | 3990.8 | 121.0 | 3.0 | 307.0 | 351.4 | 20.0 | 11.1 | 222.2 | 0.0 | 0.0 | 3.0 |
| 119.67 | 36.47 | 4666.6 | 198.9 | 4.3 | 308.2 | 352.9 | 23.3 | 13.0 | 267.0 | 0.0 | 0.0 | 3.0 |
| 120.16 | 36.62 | 7721.4 | 355.0 | 4.6 | 309.6 | 354.4 | 77.2 | 42.9 | 0.0 | 43.7 | 34.0 | 1.0 |
| 120.65 | 36.78 | 7894.7 | 281.8 | 3.6 | 311.0 | 355.9 | 31.6 | 17.5 | 481.9 | 44.2 | 34.0 | 6.0 |
| 121.14 | 36.92 | 23065.9 | 141.1 | 0.6 | 312.4 | 357.3 | 46.1 | 25.5 | 0.0 | 74.9 | 40.0 | 1.0 |
| 121.64 | 37.08 | 32191.7 | 87.4 | 0.3 | 313.9 | 358.8 | 53.7 | 29.6 | 0.0 | 84.4 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3938
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-15-266
 Location: STRUCTURE 15
 Cone: 20 TON A 058
 CPT Date: 00/13/01
 CPT Time: 08:21
 CPT File: 300SC266.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 12.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.20 | 0.97 | 0.0 | 0.0 | 0.0 | 14.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.61 | 1.10 | 0.0 | 0.0 | 0.0 | 15.6 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.02 | 1.22 | 0.0 | 0.0 | 0.0 | 16.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.51 | 1.38 | 0.0 | 0.0 | 0.0 | 18.2 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.00 | 1.53 | 0.0 | 0.0 | 0.0 | 19.7 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.50 | 1.67 | 0.0 | 0.0 | 0.0 | 21.1 | 11.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.99 | 1.83 | 0.0 | 0.0 | 0.0 | 22.6 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 6.56 | 2.00 | 0.0 | 0.0 | 0.0 | 24.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.14 | 2.17 | 0.0 | 0.0 | 0.0 | 26.0 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.63 | 2.33 | 0.0 | 0.0 | 0.0 | 27.4 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.12 | 2.47 | 0.0 | 0.0 | 0.0 | 28.9 | 19.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.61 | 2.62 | 0.0 | 0.0 | 0.0 | 30.3 | 20.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.10 | 2.78 | 0.0 | 0.0 | 0.0 | 31.8 | 22.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.60 | 2.92 | 0.0 | 0.0 | 0.0 | 33.2 | 23.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 10.09 | 3.08 | 299.6 | 1.0 | 0.3 | 34.2 | 25.3 | 1.5 | 2.5 | 16.0 | 0.0 | 0.0 | 1.5 |
| 10.58 | 3.22 | 1620.9 | 25.6 | 1.6 | 35.0 | 26.7 | 6.5 | 10.7 | 103.9 | 30.2 | 38.0 | 6.0 |
| 11.07 | 3.38 | 994.4 | 31.3 | 3.1 | 36.2 | 28.2 | 6.6 | 10.8 | 62.0 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1405.6 | 36.5 | 2.6 | 37.4 | 29.7 | 7.0 | 11.2 | 89.2 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 2809.2 | 33.8 | 1.2 | 38.7 | 31.1 | 11.2 | 17.7 | 182.6 | 44.5 | 40.0 | 10.0 |
| 12.55 | 3.83 | 2156.5 | 26.8 | 1.2 | 39.9 | 32.6 | 8.6 | 13.4 | 138.9 | 36.5 | 40.0 | 6.0 |
| 13.04 | 3.98 | 1458.7 | 28.4 | 1.9 | 41.1 | 34.1 | 7.3 | 11.1 | 92.2 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1974.2 | 38.1 | 1.9 | 42.4 | 35.6 | 7.9 | 11.9 | 126.4 | 33.1 | 38.0 | 6.0 |
| 14.03 | 4.27 | 1809.4 | 46.9 | 2.6 | 43.6 | 37.0 | 9.0 | 13.4 | 115.3 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 2653.0 | 48.8 | 1.8 | 44.8 | 38.5 | 10.6 | 15.5 | 171.3 | 40.7 | 40.0 | 6.0 |
| 15.01 | 4.57 | 2357.8 | 39.1 | 1.7 | 46.0 | 40.0 | 9.4 | 13.6 | 151.5 | 37.0 | 38.0 | 6.0 |
| 15.50 | 4.73 | 1721.7 | 28.0 | 1.6 | 47.3 | 41.4 | 6.9 | 9.8 | 108.9 | 30.0 | 38.0 | 6.0 |
| 15.99 | 4.88 | 1742.1 | 40.7 | 2.3 | 48.5 | 42.9 | 8.7 | 12.2 | 110.0 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 2452.0 | 45.9 | 1.9 | 49.7 | 44.4 | 9.8 | 13.6 | 157.2 | 37.0 | 38.0 | 6.0 |
| 16.98 | 5.18 | 1858.6 | 47.3 | 2.5 | 51.0 | 45.9 | 9.3 | 12.7 | 117.5 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 2014.7 | 42.7 | 2.1 | 52.2 | 47.3 | 8.1 | 10.9 | 127.7 | 30.7 | 38.0 | 6.0 |
| 17.96 | 5.48 | 1852.4 | 41.4 | 2.2 | 53.4 | 48.8 | 7.4 | 9.9 | 116.7 | 30.0 | 36.0 | 6.0 |
| 18.45 | 5.62 | 1828.5 | 39.6 | 2.2 | 54.6 | 50.3 | 7.3 | 9.7 | 114.9 | 30.0 | 36.0 | 6.0 |
| 18.95 | 5.77 | 1831.6 | 35.0 | 1.9 | 55.9 | 51.7 | 7.3 | 9.6 | 114.9 | 30.0 | 36.0 | 6.0 |
| 19.44 | 5.93 | 2072.5 | 43.8 | 2.1 | 57.1 | 53.2 | 8.3 | 10.7 | 130.8 | 30.2 | 38.0 | 6.0 |
| 19.93 | 6.07 | 2092.1 | 44.7 | 2.1 | 58.3 | 54.7 | 8.4 | 10.7 | 131.9 | 30.2 | 38.0 | 6.0 |
| 20.42 | 6.23 | 1911.4 | 47.5 | 2.5 | 59.6 | 56.2 | 9.6 | 12.1 | 119.7 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 1877.6 | 40.2 | 2.1 | 60.8 | 57.6 | 7.5 | 9.4 | 117.3 | 30.0 | 36.0 | 6.0 |
| 21.41 | 6.52 | 1844.3 | 41.0 | 2.2 | 62.0 | 59.1 | 7.4 | 9.2 | 114.9 | 30.0 | 36.0 | 6.0 |
| 21.90 | 6.68 | 1763.1 | 34.6 | 2.0 | 63.2 | 60.6 | 7.1 | 8.7 | 109.3 | 30.0 | 36.0 | 6.0 |
| 22.39 | 6.82 | 1780.0 | 36.6 | 2.1 | 64.5 | 62.0 | 7.1 | 8.7 | 110.2 | 30.0 | 36.0 | 6.0 |
| 22.88 | 6.98 | 1510.8 | 31.5 | 2.1 | 65.7 | 63.5 | 7.6 | 9.1 | 92.1 | 0.0 | 0.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 23.38 | 7.12 | 1500.0 | 29.4 | 2.0 | 66.9 | 65.0 | 7.5 | 9.0 | 91.2 | 0.0 | 0.0 | 6.0 |
| 23.87 | 7.27 | 1545.7 | 27.9 | 1.8 | 68.2 | 66.5 | 6.2 | 7.3 | 94.1 | 30.0 | 34.0 | 6.0 |
| 24.36 | 7.43 | 1574.7 | 24.8 | 1.6 | 69.4 | 67.9 | 6.3 | 7.4 | 95.8 | 30.0 | 34.0 | 6.0 |
| 24.85 | 7.57 | 1422.9 | 19.0 | 1.3 | 70.6 | 69.4 | 5.7 | 6.6 | 85.5 | 30.0 | 32.0 | 6.0 |
| 25.34 | 7.73 | 1335.9 | 12.9 | 1.0 | 71.8 | 70.9 | 5.3 | 6.2 | 79.5 | 30.0 | 32.0 | 6.0 |
| 25.84 | 7.88 | 1264.2 | 12.7 | 1.0 | 73.1 | 72.3 | 5.1 | 5.8 | 74.6 | 30.0 | 32.0 | 6.0 |
| 26.33 | 8.02 | 1214.6 | 11.2 | 0.9 | 74.3 | 73.8 | 4.9 | 5.5 | 71.1 | 30.0 | 32.0 | 3.0 |
| 26.82 | 8.18 | 1185.7 | 9.9 | 0.8 | 75.5 | 75.3 | 4.7 | 5.3 | 69.0 | 30.0 | 32.0 | 3.0 |
| 27.31 | 8.32 | 1141.7 | 9.4 | 0.8 | 76.8 | 76.8 | 4.6 | 5.1 | 65.9 | 30.0 | 32.0 | 3.0 |
| 27.80 | 8.48 | 1264.1 | 10.9 | 0.9 | 78.0 | 78.2 | 5.1 | 5.6 | 73.9 | 30.0 | 32.0 | 3.0 |
| 28.30 | 8.62 | 1270.9 | 11.8 | 0.9 | 79.2 | 79.7 | 5.1 | 5.6 | 74.1 | 30.0 | 32.0 | 3.0 |
| 28.79 | 8.77 | 1204.9 | 12.5 | 1.0 | 80.4 | 81.2 | 4.8 | 5.3 | 69.6 | 30.0 | 32.0 | 3.0 |
| 29.28 | 8.93 | 1148.3 | 14.1 | 1.2 | 81.7 | 82.6 | 4.6 | 5.0 | 65.6 | 30.0 | 30.0 | 3.0 |
| 29.77 | 9.07 | 1066.7 | 12.8 | 1.2 | 82.9 | 84.1 | 5.3 | 5.7 | 60.0 | 0.0 | 0.0 | 3.0 |
| 30.27 | 9.23 | 1033.9 | 11.4 | 1.1 | 84.1 | 85.6 | 4.1 | 4.4 | 57.6 | 30.0 | 30.0 | 3.0 |
| 30.76 | 9.38 | 980.0 | 10.4 | 1.1 | 85.4 | 87.1 | 4.9 | 5.2 | 53.8 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 997.2 | 8.9 | 0.9 | 86.4 | 88.3 | 4.0 | 4.2 | 54.8 | 30.0 | 30.0 | 3.0 |
| 31.58 | 9.62 | 956.5 | 7.8 | 0.8 | 87.4 | 89.5 | 3.8 | 4.0 | 52.0 | 30.0 | 30.0 | 3.0 |
| 32.07 | 9.77 | 934.5 | 9.5 | 1.0 | 88.6 | 91.0 | 4.7 | 4.9 | 50.3 | 0.0 | 0.0 | 3.0 |
| 32.56 | 9.93 | 1230.0 | 16.4 | 1.3 | 89.9 | 92.5 | 4.9 | 5.1 | 69.8 | 30.0 | 30.0 | 3.0 |
| 33.05 | 10.07 | 1921.9 | 37.7 | 2.0 | 91.1 | 93.9 | 7.7 | 7.9 | 115.8 | 30.0 | 34.0 | 6.0 |
| 33.55 | 10.23 | 2191.5 | 43.9 | 2.0 | 92.3 | 95.4 | 8.8 | 8.9 | 133.6 | 30.0 | 34.0 | 6.0 |
| 34.04 | 10.38 | 1389.3 | 21.4 | 1.5 | 93.6 | 96.9 | 5.6 | 5.6 | 79.9 | 30.0 | 32.0 | 3.0 |
| 34.53 | 10.52 | 1133.0 | 21.3 | 1.9 | 94.8 | 98.3 | 5.7 | 5.7 | 62.7 | 0.0 | 0.0 | 3.0 |
| 35.02 | 10.68 | 977.9 | 23.4 | 2.4 | 96.0 | 99.8 | 4.9 | 4.9 | 52.1 | 0.0 | 0.0 | 3.0 |
| 35.51 | 10.82 | 881.3 | 16.9 | 1.9 | 97.2 | 101.3 | 4.4 | 4.4 | 45.5 | 0.0 | 0.0 | 1.5 |
| 36.01 | 10.98 | 929.7 | 19.9 | 2.1 | 98.5 | 102.8 | 4.6 | 4.6 | 48.6 | 0.0 | 0.0 | 1.5 |
| 36.50 | 11.12 | 968.9 | 15.9 | 1.6 | 99.7 | 104.2 | 4.8 | 4.7 | 51.0 | 0.0 | 0.0 | 3.0 |
| 36.99 | 11.27 | 1107.8 | 16.1 | 1.5 | 100.9 | 105.7 | 5.5 | 5.4 | 60.1 | 0.0 | 0.0 | 3.0 |
| 37.48 | 11.43 | 1282.5 | 16.4 | 1.3 | 102.2 | 107.2 | 5.1 | 5.0 | 71.5 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 1136.7 | 14.9 | 1.3 | 103.4 | 108.6 | 5.7 | 5.5 | 61.6 | 0.0 | 0.0 | 3.0 |
| 38.47 | 11.73 | 868.2 | 10.9 | 1.3 | 104.6 | 110.1 | 4.3 | 4.2 | 43.6 | 0.0 | 0.0 | 1.5 |
| 38.96 | 11.88 | 997.7 | 13.4 | 1.3 | 105.8 | 111.6 | 5.0 | 4.7 | 52.0 | 0.0 | 0.0 | 1.5 |
| 39.45 | 12.02 | 963.5 | 13.9 | 1.4 | 107.1 | 113.1 | 4.8 | 4.6 | 49.6 | 0.0 | 0.0 | 1.5 |
| 39.94 | 12.18 | 846.9 | 11.1 | 1.3 | 108.3 | 114.5 | 4.2 | 4.0 | 41.6 | 0.0 | 0.0 | 1.5 |
| 40.44 | 12.32 | 875.3 | 11.2 | 1.3 | 109.5 | 116.0 | 4.4 | 4.1 | 43.3 | 0.0 | 0.0 | 1.5 |
| 40.93 | 12.48 | 902.1 | 12.6 | 1.4 | 110.8 | 117.5 | 4.5 | 4.2 | 44.9 | 0.0 | 0.0 | 1.5 |
| 41.42 | 12.62 | 891.6 | 13.1 | 1.5 | 112.0 | 118.9 | 4.5 | 4.1 | 44.0 | 0.0 | 0.0 | 1.5 |
| 41.91 | 12.77 | 1344.4 | 25.1 | 1.9 | 113.2 | 120.4 | 6.7 | 6.2 | 74.1 | 0.0 | 0.0 | 3.0 |
| 42.40 | 12.93 | 1896.5 | 50.4 | 2.7 | 114.4 | 121.9 | 9.5 | 8.7 | 110.7 | 0.0 | 0.0 | 3.0 |
| 42.90 | 13.07 | 1511.1 | 49.9 | 3.3 | 115.7 | 123.4 | 10.1 | 9.2 | 84.8 | 0.0 | 0.0 | 3.0 |
| 43.39 | 13.23 | 1267.5 | 23.4 | 1.8 | 116.9 | 124.8 | 6.3 | 5.7 | 68.4 | 0.0 | 0.0 | 3.0 |
| 43.88 | 13.38 | 1126.4 | 22.0 | 2.0 | 118.1 | 126.3 | 5.6 | 5.1 | 58.8 | 0.0 | 0.0 | 1.5 |
| 44.37 | 13.52 | 1188.3 | 17.0 | 1.4 | 119.3 | 127.8 | 5.9 | 5.3 | 62.7 | 0.0 | 0.0 | 3.0 |
| 44.86 | 13.68 | 1152.6 | 16.2 | 1.4 | 120.6 | 129.2 | 5.8 | 5.1 | 60.2 | 0.0 | 0.0 | 1.5 |
| 45.36 | 13.82 | 1195.9 | 17.7 | 1.5 | 121.8 | 130.7 | 6.0 | 5.3 | 62.9 | 0.0 | 0.0 | 3.0 |
| 45.85 | 13.98 | 1268.9 | 20.6 | 1.6 | 123.0 | 132.2 | 6.3 | 5.6 | 67.6 | 0.0 | 0.0 | 3.0 |
| 46.34 | 14.12 | 1570.0 | 21.7 | 1.4 | 124.3 | 133.7 | 6.3 | 5.5 | 87.5 | 30.0 | 30.0 | 3.0 |
| 46.83 | 14.27 | 1432.0 | 19.1 | 1.3 | 125.5 | 135.1 | 5.7 | 5.0 | 78.1 | 30.0 | 30.0 | 3.0 |
| 47.33 | 14.43 | 1395.4 | 17.7 | 1.3 | 126.7 | 136.6 | 5.6 | 4.9 | 75.5 | 30.0 | 30.0 | 3.0 |
| 47.82 | 14.57 | 1314.6 | 22.5 | 1.7 | 127.9 | 138.1 | 6.6 | 5.7 | 69.9 | 0.0 | 0.0 | 3.0 |
| 48.31 | 14.73 | 1066.6 | 11.5 | 1.1 | 129.2 | 139.5 | 4.3 | 3.7 | 53.2 | 30.0 | 30.0 | 1.5 |
| 48.80 | 14.88 | 1116.0 | 11.7 | 1.0 | 130.4 | 141.0 | 4.5 | 3.8 | 56.3 | 30.0 | 30.0 | 1.5 |
| 49.29 | 15.02 | 1044.6 | 8.6 | 0.8 | 131.6 | 142.5 | 4.2 | 3.6 | 51.4 | 30.0 | 30.0 | 1.5 |
| 49.79 | 15.18 | 1140.2 | 13.4 | 1.2 | 132.9 | 144.0 | 4.6 | 3.9 | 57.6 | 30.0 | 30.0 | 1.5 |
| 50.28 | 15.32 | 1511.0 | 23.4 | 1.6 | 134.1 | 145.4 | 6.0 | 5.1 | 82.1 | 30.0 | 30.0 | 3.0 |
| 50.77 | 15.48 | 1831.9 | 32.0 | 1.7 | 135.3 | 146.9 | 7.3 | 6.2 | 103.3 | 30.0 | 30.0 | 3.0 |
| 51.26 | 15.62 | 1641.9 | 31.1 | 1.9 | 136.5 | 148.4 | 6.6 | 5.5 | 90.5 | 30.0 | 30.0 | 3.0 |
| 51.75 | 15.77 | 1293.5 | 20.8 | 1.6 | 137.8 | 149.8 | 6.5 | 5.4 | 67.1 | 0.0 | 0.0 | 1.5 |
| 52.25 | 15.93 | 1092.6 | 19.5 | 1.8 | 139.0 | 151.3 | 5.5 | 4.5 | 53.5 | 0.0 | 0.0 | 1.5 |
| 52.74 | 16.08 | 1086.7 | 13.4 | 1.2 | 140.2 | 152.8 | 5.4 | 4.5 | 52.9 | 0.0 | 0.0 | 1.5 |
| 53.23 | 16.22 | 1174.7 | 11.4 | 1.0 | 141.5 | 154.3 | 4.7 | 3.9 | 58.6 | 30.0 | 30.0 | 1.5 |
| 53.72 | 16.38 | 1146.1 | 9.9 | 0.9 | 142.7 | 155.7 | 4.6 | 3.8 | 56.5 | 30.0 | 30.0 | 1.5 |
| 54.22 | 16.53 | 1103.8 | 8.7 | 0.8 | 143.9 | 157.2 | 4.4 | 3.6 | 53.5 | 30.0 | 30.0 | 1.5 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 54.71 | 16.67 | 1122.8 | 20.3 | 1.8 | 145.1 | 158.7 | 5.6 | 4.6 | 54.6 | 0.0 | 0.0 | 1.5 |
| 55.20 | 16.83 | 1545.2 | 25.9 | 1.7 | 146.4 | 160.1 | 6.2 | 5.0 | 82.6 | 30.0 | 30.0 | 3.0 |
| 55.69 | 16.97 | 2102.2 | 22.7 | 1.1 | 147.6 | 161.6 | 8.4 | 6.8 | 119.5 | 30.0 | 30.0 | 3.0 |
| 56.18 | 17.12 | 1869.8 | 28.6 | 1.5 | 148.8 | 163.1 | 7.5 | 6.0 | 103.9 | 30.0 | 30.0 | 3.0 |
| 56.68 | 17.28 | 4606.4 | 46.3 | 1.0 | 150.1 | 164.6 | 15.4 | 12.3 | 0.0 | 39.2 | 36.0 | 1.0 |
| 57.17 | 17.42 | 3702.0 | 88.3 | 2.4 | 151.4 | 166.0 | 14.8 | 11.8 | 225.6 | 32.9 | 34.0 | 6.0 |
| 57.66 | 17.58 | 1720.8 | 40.1 | 2.3 | 152.6 | 167.5 | 8.6 | 6.8 | 93.4 | 0.0 | 0.0 | 3.0 |
| 58.15 | 17.72 | 1556.4 | 29.4 | 1.9 | 153.8 | 169.0 | 6.2 | 4.9 | 82.2 | 30.0 | 30.0 | 3.0 |
| 58.64 | 17.88 | 1528.1 | 24.7 | 1.6 | 155.1 | 170.4 | 6.1 | 4.8 | 80.2 | 30.0 | 30.0 | 3.0 |
| 59.14 | 18.03 | 1318.9 | 17.7 | 1.3 | 156.3 | 171.9 | 5.3 | 4.1 | 66.0 | 30.0 | 30.0 | 1.5 |
| 59.63 | 18.17 | 1241.9 | 14.6 | 1.2 | 157.5 | 173.4 | 5.0 | 3.9 | 60.7 | 30.0 | 30.0 | 1.5 |
| 60.12 | 18.33 | 1270.8 | 13.8 | 1.1 | 158.7 | 174.9 | 5.1 | 3.9 | 62.5 | 30.0 | 30.0 | 1.5 |
| 60.61 | 18.47 | 1316.4 | 12.5 | 1.0 | 160.0 | 176.3 | 5.3 | 4.1 | 65.3 | 30.0 | 30.0 | 1.5 |
| 61.10 | 18.62 | 1785.5 | 21.3 | 1.2 | 161.2 | 177.8 | 7.1 | 5.5 | 96.4 | 30.0 | 30.0 | 3.0 |
| 61.60 | 18.78 | 6384.7 | 27.9 | 0.4 | 162.5 | 179.3 | 16.0 | 12.3 | 0.0 | 47.5 | 38.0 | 1.0 |
| 62.09 | 18.92 | 14415.9 | 28.7 | 0.2 | 163.9 | 180.7 | 28.8 | 22.0 | 0.0 | 70.7 | 42.0 | 1.0 |
| 62.58 | 19.08 | 7990.2 | 42.2 | 0.5 | 165.3 | 182.2 | 20.0 | 15.2 | 0.0 | 53.6 | 38.0 | 1.0 |
| 63.07 | 19.22 | 4616.1 | 49.3 | 1.1 | 166.7 | 183.7 | 15.4 | 11.7 | 0.0 | 37.8 | 36.0 | 1.0 |
| 63.57 | 19.38 | 16684.3 | 32.7 | 0.2 | 168.0 | 185.2 | 33.4 | 25.2 | 0.0 | 74.5 | 42.0 | 1.0 |
| 64.06 | 19.53 | 7877.7 | 163.0 | 2.1 | 169.4 | 186.6 | 26.3 | 19.7 | 0.0 | 52.9 | 38.0 | 1.0 |
| 64.55 | 19.67 | 14657.2 | 89.7 | 0.6 | 170.8 | 188.1 | 29.3 | 22.0 | 0.0 | 70.6 | 42.0 | 1.0 |
| 65.04 | 19.83 | 12118.1 | 106.4 | 0.9 | 172.3 | 189.6 | 24.2 | 18.1 | 0.0 | 65.0 | 40.0 | 1.0 |
| 65.53 | 19.97 | 3701.9 | 123.4 | 3.3 | 173.6 | 191.0 | 18.5 | 13.7 | 222.5 | 0.0 | 0.0 | 6.0 |
| 66.03 | 20.12 | 6218.6 | 158.9 | 2.6 | 174.8 | 192.5 | 24.9 | 18.4 | 390.1 | 45.7 | 36.0 | 6.0 |
| 66.52 | 20.28 | 7290.2 | 128.3 | 1.8 | 176.1 | 194.0 | 24.3 | 17.9 | 0.0 | 50.1 | 38.0 | 1.0 |
| 67.01 | 20.42 | 4057.2 | 74.8 | 1.8 | 177.4 | 195.5 | 13.5 | 9.9 | 0.0 | 33.2 | 34.0 | 1.0 |
| 67.50 | 20.58 | 6306.2 | 58.0 | 0.9 | 178.7 | 196.9 | 15.8 | 11.5 | 0.0 | 45.7 | 36.0 | 1.0 |
| 67.99 | 20.72 | 12964.1 | 149.0 | 1.1 | 180.1 | 198.4 | 32.4 | 23.6 | 0.0 | 66.3 | 40.0 | 1.0 |
| 68.49 | 20.88 | 13953.0 | 120.6 | 0.9 | 181.5 | 199.9 | 27.9 | 20.3 | 0.0 | 68.3 | 40.0 | 1.0 |
| 68.98 | 21.03 | 10277.6 | 215.6 | 2.1 | 182.9 | 201.4 | 34.3 | 24.8 | 0.0 | 59.4 | 40.0 | 1.0 |
| 69.47 | 21.17 | 6196.5 | 207.1 | 3.3 | 184.2 | 202.8 | 24.8 | 17.9 | 387.3 | 44.8 | 36.0 | 6.0 |
| 69.96 | 21.33 | 3752.7 | 97.8 | 2.6 | 185.4 | 204.3 | 15.0 | 10.8 | 224.2 | 30.3 | 32.0 | 6.0 |
| 70.46 | 21.47 | 3273.3 | 75.5 | 2.3 | 186.6 | 205.8 | 13.1 | 9.4 | 192.1 | 30.0 | 32.0 | 6.0 |
| 70.95 | 21.62 | 4026.4 | 137.9 | 3.4 | 187.9 | 207.2 | 20.1 | 14.4 | 242.1 | 0.0 | 0.0 | 6.0 |
| 71.44 | 21.78 | 13760.5 | 156.9 | 1.1 | 189.2 | 208.7 | 34.4 | 24.5 | 0.0 | 67.3 | 40.0 | 1.0 |
| 71.93 | 21.92 | 28927.3 | 107.1 | 0.4 | 190.6 | 210.2 | 48.2 | 34.2 | 0.0 | 88.5 | 44.0 | 1.0 |
| 72.42 | 22.08 | 32274.5 | 164.4 | 0.5 | 192.1 | 211.7 | 53.8 | 38.0 | 0.0 | 91.5 | 44.0 | 1.0 |
| 72.92 | 22.22 | 32460.4 | 160.4 | 0.5 | 193.7 | 213.1 | 54.1 | 38.0 | 0.0 | 91.6 | 44.0 | 1.0 |
| 73.41 | 22.38 | 27553.8 | 70.9 | 0.3 | 195.2 | 214.6 | 45.9 | 32.2 | 0.0 | 86.7 | 44.0 | 1.0 |
| 73.90 | 22.53 | 22594.1 | 43.6 | 0.2 | 196.7 | 216.1 | 37.7 | 26.3 | 0.0 | 80.9 | 42.0 | 1.0 |
| 74.39 | 22.67 | 20478.2 | 52.8 | 0.3 | 198.2 | 217.5 | 41.0 | 28.5 | 0.0 | 78.0 | 42.0 | 1.0 |
| 74.88 | 22.83 | 23792.7 | 68.2 | 0.3 | 199.7 | 219.0 | 39.7 | 27.5 | 0.0 | 82.2 | 42.0 | 1.0 |
| 75.38 | 22.97 | 26932.4 | 84.1 | 0.3 | 201.2 | 220.5 | 44.9 | 31.0 | 0.0 | 85.7 | 44.0 | 1.0 |
| 75.87 | 23.12 | 25038.3 | 121.8 | 0.5 | 202.8 | 222.0 | 41.7 | 28.7 | 0.0 | 83.5 | 42.0 | 1.0 |
| 76.36 | 23.28 | 17982.5 | 212.9 | 1.2 | 204.2 | 223.4 | 45.0 | 30.8 | 0.0 | 73.9 | 42.0 | 1.0 |
| 76.85 | 23.42 | 13059.7 | 90.4 | 0.7 | 205.6 | 224.9 | 26.1 | 17.8 | 0.0 | 64.6 | 40.0 | 1.0 |
| 77.34 | 23.58 | 3511.9 | 70.6 | 2.0 | 207.0 | 226.4 | 14.0 | 9.6 | 205.2 | 30.0 | 32.0 | 3.0 |
| 77.84 | 23.72 | 2802.5 | 33.5 | 1.2 | 208.2 | 227.8 | 11.2 | 7.6 | 157.8 | 30.0 | 30.0 | 3.0 |
| 78.33 | 23.88 | 2455.1 | 46.2 | 1.9 | 209.4 | 229.3 | 9.8 | 6.6 | 134.4 | 30.0 | 30.0 | 3.0 |
| 78.82 | 24.03 | 2199.9 | 38.4 | 1.7 | 210.7 | 230.8 | 8.8 | 5.9 | 117.2 | 30.0 | 30.0 | 3.0 |
| 79.31 | 24.17 | 2119.0 | 35.4 | 1.7 | 211.9 | 232.3 | 8.5 | 5.7 | 111.7 | 30.0 | 30.0 | 3.0 |
| 79.81 | 24.33 | 2409.1 | 37.5 | 1.6 | 213.1 | 233.7 | 9.6 | 6.5 | 130.8 | 30.0 | 30.0 | 3.0 |
| 80.30 | 24.47 | 2436.3 | 39.2 | 1.6 | 214.4 | 235.2 | 9.7 | 6.5 | 132.5 | 30.0 | 30.0 | 3.0 |
| 80.79 | 24.62 | 2382.2 | 50.6 | 2.1 | 215.6 | 236.7 | 9.5 | 6.4 | 128.7 | 30.0 | 30.0 | 3.0 |
| 81.28 | 24.78 | 1829.6 | 39.2 | 2.1 | 216.8 | 238.1 | 7.3 | 4.9 | 91.6 | 30.0 | 30.0 | 1.5 |
| 81.77 | 24.92 | 1666.1 | 26.3 | 1.6 | 218.0 | 239.6 | 6.7 | 4.4 | 80.6 | 30.0 | 30.0 | 1.5 |
| 82.27 | 25.08 | 1653.7 | 23.3 | 1.4 | 219.3 | 241.1 | 6.6 | 4.4 | 79.6 | 30.0 | 30.0 | 1.5 |
| 82.76 | 25.22 | 1589.9 | 20.7 | 1.3 | 220.5 | 242.6 | 6.4 | 4.2 | 75.1 | 30.0 | 30.0 | 1.5 |
| 83.25 | 25.38 | 1540.3 | 18.2 | 1.2 | 221.7 | 244.0 | 6.2 | 4.0 | 71.6 | 30.0 | 30.0 | 1.5 |
| 83.74 | 25.53 | 1572.4 | 17.6 | 1.1 | 223.0 | 245.5 | 6.3 | 4.1 | 73.6 | 30.0 | 30.0 | 1.5 |
| 84.23 | 25.67 | 1956.0 | 25.3 | 1.3 | 224.2 | 247.0 | 7.8 | 5.1 | 99.0 | 30.0 | 30.0 | 1.5 |
| 84.73 | 25.83 | 2264.3 | 39.7 | 1.8 | 225.4 | 248.4 | 9.1 | 5.9 | 119.4 | 30.0 | 30.0 | 3.0 |
| 85.22 | 25.97 | 2074.6 | 26.1 | 1.3 | 226.6 | 249.9 | 8.3 | 5.4 | 106.5 | 30.0 | 30.0 | 1.5 |
| 85.71 | 26.12 | 2478.3 | 36.0 | 1.5 | 227.9 | 251.4 | 9.9 | 6.4 | 133.3 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 (blows/ft) | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|----------------------|-------------|-----------|---------------|----------------|
| 86.20 | 26.28 | 1924.4 | 26.8 | 1.4 | 229.1 | 252.9 | 7.7 | 5.0 | 96.2 | 30.0 | 30.0 | 1.5 |
| 86.70 | 26.42 | 2320.0 | 35.9 | 1.5 | 230.3 | 254.3 | 9.3 | 6.0 | 122.4 | 30.0 | 30.0 | 3.0 |
| 87.19 | 26.58 | 1792.5 | 23.3 | 1.3 | 231.6 | 255.8 | 7.2 | 4.6 | 87.0 | 30.0 | 30.0 | 1.5 |
| 87.68 | 26.72 | 1961.9 | 45.5 | 2.3 | 232.8 | 257.3 | 7.8 | 5.0 | 98.1 | 30.0 | 30.0 | 1.5 |
| 88.17 | 26.88 | 2754.5 | 35.3 | 1.3 | 234.0 | 258.7 | 11.0 | 7.0 | 150.8 | 30.0 | 30.0 | 3.0 |
| 88.66 | 27.03 | 2402.3 | 32.9 | 1.4 | 235.2 | 260.2 | 9.6 | 6.1 | 127.1 | 30.0 | 30.0 | 3.0 |
| 89.16 | 27.17 | 6229.9 | 109.3 | 1.8 | 236.5 | 261.7 | 20.8 | 13.2 | 0.0 | 41.4 | 34.0 | 1.0 |
| 89.65 | 27.33 | 15175.4 | 124.6 | 0.8 | 237.9 | 263.2 | 30.4 | 19.3 | 0.0 | 66.8 | 40.0 | 1.0 |
| 90.14 | 27.47 | 17061.2 | 52.9 | 0.3 | 239.3 | 264.6 | 34.1 | 21.6 | 0.0 | 70.1 | 40.0 | 1.0 |
| 90.63 | 27.62 | 10177.6 | 129.2 | 1.3 | 240.8 | 266.1 | 25.4 | 16.0 | 0.0 | 55.2 | 38.0 | 1.0 |
| 91.12 | 27.78 | 7939.0 | 99.4 | 1.3 | 242.1 | 267.6 | 19.8 | 12.5 | 0.0 | 48.0 | 36.0 | 1.0 |
| 91.62 | 27.92 | 5191.0 | 118.2 | 2.3 | 243.4 | 269.0 | 20.8 | 13.0 | 311.9 | 35.7 | 34.0 | 6.0 |
| 92.11 | 28.08 | 2800.2 | 49.4 | 1.8 | 244.7 | 270.5 | 11.2 | 7.0 | 152.3 | 30.0 | 30.0 | 3.0 |
| 92.60 | 28.22 | 2640.2 | 45.2 | 1.7 | 245.9 | 272.0 | 10.6 | 6.6 | 141.5 | 30.0 | 30.0 | 3.0 |
| 93.09 | 28.38 | 3175.6 | 47.7 | 1.5 | 247.1 | 273.5 | 12.7 | 7.9 | 177.0 | 30.0 | 30.0 | 3.0 |
| 93.58 | 28.53 | 3439.0 | 55.4 | 1.6 | 248.3 | 274.9 | 13.8 | 8.5 | 194.4 | 30.0 | 30.0 | 3.0 |
| 94.08 | 28.67 | 3343.0 | 85.6 | 2.6 | 249.6 | 276.4 | 13.4 | 8.3 | 187.8 | 30.0 | 30.0 | 3.0 |
| 94.57 | 28.83 | 8929.3 | 121.0 | 1.4 | 250.9 | 277.9 | 22.3 | 13.8 | 0.0 | 50.8 | 36.0 | 1.0 |
| 95.06 | 28.97 | 14346.6 | 87.7 | 0.6 | 252.3 | 279.3 | 28.7 | 17.7 | 0.0 | 64.4 | 40.0 | 1.0 |
| 95.55 | 29.12 | 6488.1 | 226.9 | 3.5 | 253.6 | 280.8 | 32.4 | 19.9 | 396.9 | 0.0 | 0.0 | 6.0 |
| 96.05 | 29.28 | 9516.0 | 338.0 | 3.6 | 254.9 | 282.3 | 38.1 | 23.3 | 598.6 | 52.4 | 38.0 | 6.0 |
| 96.54 | 29.42 | 10707.0 | 258.0 | 2.4 | 256.1 | 283.8 | 35.7 | 21.8 | 0.0 | 55.8 | 38.0 | 1.0 |
| 97.03 | 29.58 | 8695.3 | 244.0 | 2.8 | 257.4 | 285.2 | 34.8 | 21.2 | 543.5 | 49.7 | 36.0 | 6.0 |
| 97.52 | 29.72 | 18320.2 | 153.6 | 0.8 | 258.7 | 286.7 | 36.6 | 22.3 | 0.0 | 71.0 | 40.0 | 1.0 |
| 98.01 | 29.88 | 21026.6 | 141.6 | 0.7 | 260.2 | 288.2 | 42.1 | 25.5 | 0.0 | 74.9 | 42.0 | 1.0 |
| 98.51 | 30.03 | 21523.5 | 118.4 | 0.6 | 261.6 | 289.6 | 43.0 | 26.0 | 0.0 | 75.5 | 42.0 | 1.0 |
| 99.00 | 30.17 | 19819.9 | 85.5 | 0.4 | 263.1 | 291.1 | 39.6 | 23.9 | 0.0 | 73.0 | 40.0 | 1.0 |
| 99.49 | 30.33 | 19836.3 | 311.3 | 1.6 | 264.5 | 292.6 | 49.6 | 29.8 | 0.0 | 73.0 | 40.0 | 1.0 |
| 99.98 | 30.47 | 20515.0 | 386.8 | 1.9 | 265.9 | 294.1 | 51.3 | 30.8 | 0.0 | 73.9 | 40.0 | 1.0 |
| 100.47 | 30.62 | 27204.0 | 164.7 | 0.6 | 267.3 | 295.5 | 54.4 | 32.6 | 0.0 | 81.9 | 42.0 | 1.0 |
| 100.97 | 30.78 | 27876.2 | 137.5 | 0.5 | 268.8 | 297.0 | 46.5 | 27.7 | 0.0 | 82.5 | 42.0 | 1.0 |
| 101.46 | 30.92 | 27467.3 | 92.7 | 0.3 | 270.3 | 298.5 | 45.8 | 27.3 | 0.0 | 82.0 | 42.0 | 1.0 |
| 101.95 | 31.08 | 22507.6 | 128.9 | 0.6 | 271.8 | 299.9 | 45.0 | 26.7 | 0.0 | 76.2 | 42.0 | 1.0 |
| 102.44 | 31.22 | 9429.8 | 328.0 | 3.5 | 273.2 | 301.4 | 37.7 | 22.3 | 590.3 | 51.2 | 36.0 | 6.0 |
| 102.94 | 31.38 | 17948.0 | 258.5 | 1.4 | 274.5 | 302.9 | 44.9 | 26.5 | 0.0 | 69.6 | 40.0 | 1.0 |
| 103.43 | 31.53 | 20092.7 | 231.1 | 1.2 | 275.9 | 304.4 | 40.2 | 23.7 | 0.0 | 72.7 | 40.0 | 1.0 |
| 103.92 | 31.67 | 15204.0 | 216.0 | 1.4 | 277.3 | 305.8 | 38.0 | 22.3 | 0.0 | 64.7 | 40.0 | 1.0 |
| 104.41 | 31.83 | 5169.1 | 98.1 | 1.9 | 278.6 | 307.3 | 17.2 | 10.1 | 0.0 | 33.7 | 32.0 | 1.0 |
| 104.90 | 31.97 | 3285.6 | 60.1 | 1.8 | 279.9 | 308.8 | 13.1 | 7.7 | 179.8 | 30.0 | 30.0 | 3.0 |
| 105.40 | 32.12 | 3245.8 | 66.2 | 2.0 | 281.1 | 310.2 | 13.0 | 7.6 | 177.0 | 30.0 | 30.0 | 3.0 |
| 105.89 | 32.28 | 9956.2 | 164.0 | 1.6 | 282.4 | 311.7 | 33.2 | 19.3 | 0.0 | 52.3 | 36.0 | 1.0 |
| 106.38 | 32.42 | 25573.5 | 80.8 | 0.3 | 283.8 | 313.2 | 42.6 | 24.8 | 0.0 | 79.2 | 42.0 | 1.0 |
| 106.87 | 32.58 | 7723.8 | 210.0 | 2.7 | 285.2 | 314.7 | 30.9 | 17.9 | 474.9 | 44.9 | 34.0 | 6.0 |
| 107.36 | 32.72 | 3508.7 | 81.5 | 2.3 | 286.4 | 316.1 | 14.0 | 8.1 | 193.7 | 30.0 | 30.0 | 3.0 |
| 107.86 | 32.88 | 4118.9 | 76.7 | 1.9 | 287.7 | 317.6 | 13.7 | 7.9 | 0.0 | 30.0 | 32.0 | 1.0 |
| 108.35 | 33.03 | 4421.9 | 92.3 | 2.1 | 289.0 | 319.1 | 17.7 | 10.2 | 254.3 | 30.0 | 32.0 | 3.0 |
| 108.84 | 33.17 | 3034.2 | 71.3 | 2.3 | 290.2 | 320.5 | 12.1 | 7.0 | 161.6 | 30.0 | 30.0 | 3.0 |
| 109.33 | 33.33 | 3050.4 | 54.8 | 1.8 | 291.4 | 322.0 | 12.2 | 7.0 | 162.5 | 30.0 | 30.0 | 3.0 |
| 109.82 | 33.47 | 2511.0 | 38.4 | 1.5 | 292.6 | 323.5 | 10.0 | 5.7 | 126.3 | 30.0 | 30.0 | 1.5 |
| 110.32 | 33.62 | 2766.0 | 41.8 | 1.5 | 293.9 | 325.0 | 11.1 | 6.3 | 143.1 | 30.0 | 30.0 | 1.5 |
| 110.81 | 33.78 | 2384.5 | 39.5 | 1.7 | 295.1 | 326.4 | 9.5 | 5.4 | 117.5 | 30.0 | 30.0 | 1.5 |
| 111.30 | 33.92 | 2507.6 | 36.5 | 1.5 | 296.3 | 327.9 | 10.0 | 5.7 | 125.6 | 30.0 | 30.0 | 1.5 |
| 111.79 | 34.08 | 2602.7 | 37.3 | 1.4 | 297.6 | 329.4 | 10.4 | 5.9 | 131.7 | 30.0 | 30.0 | 1.5 |
| 112.29 | 34.22 | 2100.8 | 29.4 | 1.4 | 298.8 | 330.8 | 8.4 | 4.8 | 98.1 | 30.0 | 30.0 | 1.5 |
| 112.78 | 34.38 | 1962.1 | 26.4 | 1.3 | 300.0 | 332.3 | 7.8 | 4.4 | 88.7 | 30.0 | 30.0 | 1.5 |
| 113.27 | 34.53 | 2141.4 | 32.6 | 1.5 | 301.2 | 333.8 | 8.6 | 4.8 | 100.4 | 30.0 | 30.0 | 1.5 |
| 113.76 | 34.67 | 2248.1 | 41.5 | 1.8 | 302.5 | 335.3 | 9.0 | 5.1 | 107.4 | 30.0 | 30.0 | 1.5 |
| 114.25 | 34.83 | 2214.9 | 37.9 | 1.7 | 303.7 | 336.7 | 8.9 | 5.0 | 105.0 | 30.0 | 30.0 | 1.5 |
| 114.75 | 34.97 | 2725.7 | 46.8 | 1.7 | 304.9 | 338.2 | 10.9 | 6.1 | 138.8 | 30.0 | 30.0 | 1.5 |
| 115.24 | 35.12 | 5862.4 | 97.5 | 1.7 | 306.2 | 339.7 | 19.5 | 10.9 | 0.0 | 35.9 | 32.0 | 1.0 |
| 115.73 | 35.28 | 6926.4 | 149.3 | 2.2 | 307.5 | 341.1 | 23.1 | 12.9 | 0.0 | 40.7 | 34.0 | 1.0 |
| 116.22 | 35.42 | 8461.3 | 141.4 | 1.7 | 308.8 | 342.6 | 28.2 | 15.7 | 0.0 | 46.3 | 36.0 | 1.0 |
| 116.71 | 35.58 | 5298.5 | 140.3 | 2.6 | 310.1 | 344.1 | 21.2 | 11.8 | 309.6 | 32.9 | 32.0 | 3.0 |
| 117.21 | 35.72 | 3671.1 | 70.7 | 1.9 | 311.3 | 345.6 | 14.7 | 8.1 | 200.9 | 30.0 | 30.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 2752.0 | 40.6 | 1.5 | 312.5 | 347.0 | 11.0 | 6.1 | 139.5 | 30.0 | 30.0 | 1.5 |
| 118.19 | 36.03 | 2472.3 | 34.1 | 1.4 | 313.7 | 348.5 | 9.9 | 5.5 | 120.7 | 30.0 | 30.0 | 1.5 |
| 118.68 | 36.17 | 2506.6 | 43.7 | 1.7 | 315.0 | 350.0 | 10.0 | 5.5 | 122.8 | 30.0 | 30.0 | 1.5 |
| 119.18 | 36.33 | 7161.3 | 218.7 | 3.1 | 316.2 | 351.4 | 28.6 | 15.8 | 432.9 | 41.2 | 34.0 | 6.0 |
| 119.67 | 36.47 | 13931.9 | 503.4 | 3.6 | 317.4 | 352.9 | 55.7 | 30.6 | 884.1 | 60.2 | 38.0 | 6.0 |
| 120.16 | 36.62 | 23250.0 | 173.1 | 0.7 | 318.8 | 354.4 | 46.5 | 25.5 | 0.0 | 74.8 | 40.0 | 1.0 |
| 120.65 | 36.78 | 26938.0 | 113.6 | 0.4 | 320.3 | 355.9 | 44.9 | 24.6 | 0.0 | 79.0 | 42.0 | 1.0 |
| 121.14 | 36.92 | 16465.6 | 152.5 | 0.9 | 321.8 | 357.3 | 32.9 | 18.0 | 0.0 | 64.8 | 38.0 | 1.0 |
| 121.64 | 37.08 | 4525.7 | 164.7 | 3.6 | 323.1 | 358.8 | 22.6 | 12.3 | 256.3 | 0.0 | 0.0 | 3.0 |
| 122.21 | 37.25 | 3715.4 | 80.7 | 2.2 | 324.5 | 360.5 | 14.9 | 8.1 | 202.0 | 30.0 | 30.0 | 3.0 |
| 122.78 | 37.42 | 5361.5 | 135.8 | 2.5 | 326.0 | 362.2 | 21.4 | 11.6 | 311.6 | 32.5 | 32.0 | 3.0 |
| 123.28 | 37.58 | 7718.8 | 197.0 | 2.6 | 327.2 | 363.7 | 30.9 | 16.7 | 468.5 | 42.9 | 34.0 | 6.0 |
| 123.77 | 37.72 | 3938.3 | 176.0 | 4.5 | 328.4 | 365.2 | 26.3 | 14.2 | 216.3 | 0.0 | 0.0 | 3.0 |
| 124.26 | 37.88 | 12780.9 | 267.6 | 2.1 | 329.7 | 366.6 | 42.6 | 23.0 | 0.0 | 57.2 | 38.0 | 1.0 |
| 124.75 | 38.03 | 13515.0 | 417.7 | 3.1 | 331.0 | 368.1 | 54.1 | 29.1 | 854.4 | 58.8 | 38.0 | 6.0 |
| 125.24 | 38.17 | 11209.9 | 218.1 | 1.9 | 332.2 | 369.6 | 37.4 | 20.1 | 0.0 | 53.3 | 36.0 | 1.0 |
| 125.74 | 38.33 | 3531.9 | 92.9 | 2.6 | 333.5 | 371.1 | 14.1 | 7.6 | 188.5 | 30.0 | 30.0 | 3.0 |
| 126.23 | 38.47 | 3915.6 | 117.2 | 3.0 | 334.7 | 372.5 | 19.6 | 10.5 | 213.9 | 0.0 | 0.0 | 3.0 |
| 126.72 | 38.62 | 10437.1 | 234.7 | 2.2 | 336.0 | 374.0 | 34.8 | 18.6 | 0.0 | 51.1 | 36.0 | 1.0 |
| 127.21 | 38.78 | 10445.9 | 242.3 | 2.3 | 337.3 | 375.5 | 34.8 | 18.6 | 0.0 | 51.1 | 36.0 | 1.0 |
| 127.71 | 38.92 | 5497.0 | 228.3 | 4.2 | 338.6 | 376.9 | 27.5 | 14.6 | 318.8 | 0.0 | 0.0 | 3.0 |
| 128.20 | 39.08 | 4097.4 | 98.0 | 2.4 | 339.8 | 378.4 | 16.4 | 8.7 | 225.3 | 30.0 | 30.0 | 3.0 |
| 128.69 | 39.22 | 3589.1 | 84.1 | 2.3 | 341.0 | 379.9 | 14.4 | 7.6 | 191.2 | 30.0 | 30.0 | 3.0 |
| 129.18 | 39.38 | 5537.7 | 210.3 | 3.8 | 342.2 | 381.4 | 27.7 | 14.6 | 320.9 | 0.0 | 0.0 | 3.0 |
| 129.67 | 39.53 | 5657.5 | 179.7 | 3.2 | 343.5 | 382.8 | 22.6 | 12.0 | 328.7 | 33.3 | 32.0 | 3.0 |
| 130.17 | 39.67 | 3222.1 | 87.4 | 2.7 | 344.7 | 384.3 | 12.9 | 6.8 | 166.2 | 30.0 | 30.0 | 1.5 |
| 130.66 | 39.83 | 2750.3 | 75.6 | 2.7 | 345.9 | 385.8 | 13.8 | 7.2 | 134.6 | 0.0 | 0.0 | 1.5 |
| 131.15 | 39.97 | 14109.5 | 64.6 | 0.5 | 347.3 | 387.2 | 28.2 | 14.8 | 0.0 | 59.3 | 38.0 | 1.0 |
| 131.64 | 40.12 | 16263.0 | 161.9 | 1.0 | 348.7 | 388.7 | 32.5 | 17.0 | 0.0 | 63.3 | 38.0 | 1.0 |
| 132.13 | 40.28 | 5804.3 | 184.1 | 3.2 | 350.1 | 390.2 | 23.2 | 12.1 | 337.6 | 33.7 | 32.0 | 3.0 |
| 132.63 | 40.42 | 2937.6 | 67.5 | 2.3 | 351.3 | 391.7 | 11.8 | 6.1 | 146.3 | 30.0 | 30.0 | 1.5 |
| 133.12 | 40.58 | 3303.5 | 63.7 | 1.9 | 352.5 | 393.1 | 13.2 | 6.9 | 170.5 | 30.0 | 30.0 | 1.5 |
| 133.61 | 40.72 | 5729.7 | 179.5 | 3.1 | 353.7 | 394.6 | 22.9 | 11.9 | 332.1 | 33.2 | 32.0 | 3.0 |
| 134.10 | 40.88 | 8074.7 | 234.1 | 2.9 | 355.0 | 396.1 | 32.3 | 16.8 | 488.2 | 43.0 | 34.0 | 6.0 |
| 134.59 | 41.03 | 6702.1 | 255.6 | 3.8 | 356.2 | 397.6 | 33.5 | 17.4 | 396.6 | 0.0 | 0.0 | 6.0 |
| 135.09 | 41.17 | 10518.8 | 264.8 | 2.5 | 357.5 | 399.0 | 35.1 | 18.2 | 0.0 | 50.5 | 36.0 | 1.0 |
| 135.58 | 41.33 | 8679.7 | 247.8 | 2.9 | 358.7 | 400.5 | 34.7 | 17.9 | 528.0 | 44.9 | 34.0 | 6.0 |
| 136.07 | 41.47 | 10545.1 | 289.7 | 2.7 | 360.0 | 402.0 | 42.2 | 21.8 | 652.2 | 50.4 | 36.0 | 6.0 |
| 136.56 | 41.62 | 4846.0 | 170.6 | 3.5 | 361.2 | 403.4 | 24.2 | 12.5 | 272.1 | 0.0 | 0.0 | 3.0 |
| 137.06 | 41.78 | 2737.3 | 59.1 | 2.2 | 362.4 | 404.9 | 10.9 | 5.6 | 131.3 | 30.0 | 30.0 | 1.5 |
| 137.55 | 41.92 | 5581.6 | 178.2 | 3.2 | 363.6 | 406.4 | 22.3 | 11.5 | 320.8 | 32.1 | 32.0 | 3.0 |
| 138.04 | 42.08 | 9217.6 | 319.4 | 3.5 | 364.9 | 407.9 | 36.9 | 18.9 | 563.0 | 46.4 | 34.0 | 6.0 |
| 138.53 | 42.22 | 6723.5 | 257.8 | 3.8 | 366.1 | 409.3 | 33.6 | 17.2 | 396.5 | 0.0 | 0.0 | 6.0 |
| 139.02 | 42.38 | 16135.2 | 115.7 | 0.7 | 367.4 | 410.8 | 32.3 | 16.5 | 0.0 | 62.3 | 38.0 | 1.0 |
| 139.52 | 42.53 | 7173.1 | 178.6 | 2.5 | 368.8 | 412.3 | 28.7 | 14.6 | 426.1 | 39.0 | 32.0 | 6.0 |
| 140.01 | 42.67 | 8854.7 | 221.4 | 2.5 | 370.0 | 413.7 | 29.5 | 15.0 | 0.0 | 45.0 | 34.0 | 1.0 |
| 140.50 | 42.83 | 9990.8 | 228.3 | 2.3 | 371.4 | 415.2 | 33.3 | 16.9 | 0.0 | 48.4 | 34.0 | 1.0 |
| 140.99 | 42.97 | 4142.5 | 106.9 | 2.6 | 372.6 | 416.7 | 16.6 | 8.4 | 223.5 | 30.0 | 30.0 | 3.0 |
| 141.48 | 43.12 | 3714.6 | 89.2 | 2.4 | 373.8 | 418.2 | 14.9 | 7.5 | 194.8 | 30.0 | 30.0 | 3.0 |
| 141.98 | 43.28 | 3410.1 | 86.1 | 2.5 | 375.1 | 419.6 | 13.6 | 6.9 | 174.4 | 30.0 | 30.0 | 1.5 |
| 142.47 | 43.42 | 3379.6 | 74.5 | 2.2 | 376.3 | 421.1 | 13.5 | 6.8 | 172.1 | 30.0 | 30.0 | 1.5 |
| 142.96 | 43.58 | 4214.6 | 117.6 | 2.8 | 377.5 | 422.6 | 16.9 | 8.5 | 227.6 | 30.0 | 30.0 | 3.0 |
| 143.45 | 43.72 | 7605.3 | 277.2 | 3.6 | 378.8 | 424.0 | 38.0 | 19.1 | 453.5 | 0.0 | 0.0 | 6.0 |
| 143.95 | 43.88 | 7625.9 | 319.5 | 4.2 | 380.0 | 425.5 | 38.1 | 19.1 | 454.7 | 0.0 | 0.0 | 6.0 |
| 144.44 | 44.03 | 3996.4 | 117.3 | 2.9 | 381.2 | 427.0 | 16.0 | 8.0 | 212.5 | 30.0 | 30.0 | 3.0 |
| 144.93 | 44.17 | 3204.0 | 66.4 | 2.1 | 382.4 | 428.5 | 12.8 | 6.4 | 159.5 | 30.0 | 30.0 | 1.5 |
| 145.42 | 44.33 | 3784.1 | 130.5 | 3.4 | 383.7 | 429.9 | 18.9 | 9.5 | 198.0 | 0.0 | 0.0 | 3.0 |
| 145.91 | 44.47 | 5846.7 | 184.3 | 3.2 | 384.9 | 431.4 | 23.4 | 11.7 | 335.4 | 32.6 | 32.0 | 3.0 |
| 146.41 | 44.62 | 3506.1 | 125.5 | 3.6 | 386.1 | 432.9 | 17.5 | 8.8 | 179.1 | 0.0 | 0.0 | 1.5 |
| 146.90 | 44.78 | 8659.2 | 263.0 | 3.0 | 387.4 | 434.3 | 34.6 | 17.3 | 522.5 | 43.7 | 34.0 | 6.0 |
| 147.39 | 44.92 | 6810.9 | 254.1 | 3.7 | 388.6 | 435.8 | 34.1 | 17.0 | 399.1 | 0.0 | 0.0 | 6.0 |
| 147.88 | 45.08 | 3517.2 | 126.7 | 3.6 | 389.8 | 437.3 | 17.6 | 8.8 | 179.3 | 0.0 | 0.0 | 1.5 |
| 148.37 | 45.22 | 4077.1 | 145.9 | 3.6 | 391.0 | 438.8 | 20.4 | 10.2 | 216.5 | 0.0 | 0.0 | 3.0 |
| 148.87 | 45.38 | 3084.6 | 88.5 | 2.9 | 392.3 | 440.2 | 15.4 | 7.7 | 150.1 | 0.0 | 0.0 | 1.5 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 149.36 | 45.53 | 2962.5 | 75.9 | 2.6 | 393.5 | 441.7 | 11.9 | 5.9 | 141.8 | 30.0 | 30.0 | 1.5 |
| 149.85 | 45.67 | 3003.8 | 77.7 | 2.6 | 394.7 | 443.2 | 12.0 | 6.0 | 144.4 | 30.0 | 30.0 | 1.5 |
| 150.34 | 45.83 | 5477.3 | 267.1 | 4.9 | 396.0 | 444.6 | 36.5 | 18.3 | 309.1 | 0.0 | 0.0 | 3.0 |
| 150.83 | 45.97 | 3689.4 | 122.8 | 3.3 | 397.2 | 446.1 | 18.4 | 9.2 | 189.7 | 0.0 | 0.0 | 1.5 |
| 151.33 | 46.12 | 2976.9 | 58.6 | 2.0 | 398.4 | 447.6 | 11.9 | 6.0 | 142.1 | 30.0 | 30.0 | 1.5 |
| 151.82 | 46.28 | 3002.4 | 78.8 | 2.6 | 399.6 | 449.1 | 12.0 | 6.0 | 143.6 | 30.0 | 30.0 | 1.5 |
| 152.31 | 46.42 | 3604.2 | 90.9 | 2.5 | 400.9 | 450.5 | 14.4 | 7.2 | 183.5 | 30.0 | 30.0 | 1.5 |
| 152.80 | 46.58 | 3791.1 | 115.5 | 3.0 | 402.1 | 452.0 | 19.0 | 9.5 | 195.8 | 0.0 | 0.0 | 1.5 |
| 153.30 | 46.72 | 5619.1 | 182.3 | 3.2 | 403.3 | 453.5 | 22.5 | 11.2 | 317.5 | 30.8 | 30.0 | 3.0 |
| 153.79 | 46.88 | 4328.4 | 142.5 | 3.3 | 404.6 | 454.9 | 21.6 | 10.8 | 231.3 | 0.0 | 0.0 | 3.0 |
| 154.28 | 47.03 | 3561.6 | 122.3 | 3.4 | 405.8 | 456.4 | 17.8 | 8.9 | 180.0 | 0.0 | 0.0 | 1.5 |
| 154.77 | 47.17 | 3623.8 | 88.8 | 2.5 | 407.0 | 457.9 | 14.5 | 7.2 | 183.9 | 30.0 | 30.0 | 1.5 |
| 155.26 | 47.33 | 6462.0 | 212.4 | 3.3 | 408.2 | 459.4 | 25.8 | 12.9 | 373.0 | 34.6 | 32.0 | 3.0 |
| 155.76 | 47.47 | 4448.7 | 180.8 | 4.1 | 409.5 | 460.8 | 22.2 | 11.1 | 238.6 | 0.0 | 0.0 | 3.0 |
| 156.25 | 47.62 | 3389.1 | 76.3 | 2.2 | 410.7 | 462.3 | 13.6 | 6.8 | 167.7 | 30.0 | 30.0 | 1.5 |
| 156.74 | 47.78 | 3014.4 | 61.4 | 2.0 | 411.9 | 463.8 | 12.1 | 6.0 | 142.6 | 30.0 | 30.0 | 1.5 |
| 157.23 | 47.92 | 11848.0 | 79.5 | 0.7 | 413.3 | 465.2 | 23.7 | 11.8 | 0.0 | 51.8 | 36.0 | 1.0 |
| 157.72 | 48.08 | 6768.2 | 183.5 | 2.7 | 414.6 | 466.7 | 27.1 | 13.5 | 392.5 | 35.7 | 32.0 | 3.0 |
| 158.22 | 48.22 | 4706.1 | 139.3 | 3.0 | 415.8 | 468.2 | 18.8 | 9.4 | 254.8 | 30.0 | 30.0 | 3.0 |
| 158.71 | 48.38 | 15187.2 | 153.8 | 1.0 | 417.2 | 469.7 | 30.4 | 15.2 | 0.0 | 58.8 | 38.0 | 1.0 |
| 159.20 | 48.53 | 6017.4 | 159.2 | 2.6 | 418.5 | 471.1 | 24.1 | 12.0 | 341.8 | 32.2 | 32.0 | 3.0 |
| 159.69 | 48.67 | 3927.6 | 89.9 | 2.3 | 419.8 | 472.6 | 15.7 | 7.9 | 202.4 | 30.0 | 30.0 | 1.5 |
| 160.19 | 48.83 | 4178.5 | 73.5 | 1.8 | 421.0 | 474.1 | 13.9 | 7.0 | 0.0 | 30.0 | 30.0 | 1.0 |
| 160.68 | 48.97 | 4126.4 | 80.5 | 1.9 | 422.3 | 475.5 | 16.5 | 8.3 | 215.2 | 30.0 | 30.0 | 3.0 |
| 161.17 | 49.12 | 3734.2 | 92.3 | 2.5 | 423.5 | 477.0 | 14.9 | 7.5 | 188.9 | 30.0 | 30.0 | 1.5 |
| 161.66 | 49.28 | 7289.4 | 119.9 | 1.6 | 424.8 | 478.5 | 24.3 | 12.1 | 0.0 | 37.5 | 32.0 | 1.0 |
| 162.15 | 49.42 | 3950.3 | 62.3 | 1.6 | 426.1 | 480.0 | 13.2 | 6.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 162.65 | 49.58 | 3464.6 | 34.9 | 1.0 | 427.4 | 481.4 | 11.5 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 163.14 | 49.72 | 3172.9 | 28.6 | 0.9 | 428.7 | 482.9 | 10.6 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 163.63 | 49.88 | 5216.3 | 127.9 | 2.5 | 430.0 | 484.4 | 20.9 | 10.4 | 286.8 | 30.0 | 30.0 | 3.0 |
| 164.12 | 50.03 | 7565.8 | 269.8 | 3.6 | 431.2 | 485.8 | 37.8 | 18.9 | 443.3 | 0.0 | 0.0 | 6.0 |
| 164.61 | 50.17 | 8729.8 | 197.9 | 2.3 | 432.4 | 487.3 | 29.1 | 14.5 | 0.0 | 42.4 | 32.0 | 1.0 |
| 165.11 | 50.33 | 11807.4 | 181.7 | 1.5 | 433.8 | 488.8 | 29.5 | 14.8 | 0.0 | 51.0 | 34.0 | 1.0 |
| 165.60 | 50.47 | 5658.1 | 212.2 | 3.8 | 435.1 | 490.3 | 28.3 | 14.1 | 315.5 | 0.0 | 0.0 | 3.0 |
| 166.09 | 50.62 | 14071.5 | 296.5 | 2.1 | 436.4 | 491.7 | 46.9 | 23.5 | 0.0 | 56.0 | 36.0 | 1.0 |
| 166.58 | 50.78 | 9252.1 | 223.5 | 2.4 | 437.7 | 493.2 | 30.8 | 15.4 | 0.0 | 43.9 | 34.0 | 1.0 |
| 167.07 | 50.92 | 5834.6 | 153.7 | 2.6 | 438.9 | 494.7 | 23.3 | 11.7 | 326.7 | 30.6 | 30.0 | 3.0 |
| 167.57 | 51.08 | 8732.9 | 333.0 | 3.8 | 440.2 | 496.1 | 43.7 | 21.8 | 519.8 | 0.0 | 0.0 | 6.0 |
| 168.06 | 51.22 | 17750.0 | 463.9 | 2.6 | 441.4 | 497.6 | 59.2 | 29.6 | 0.0 | 62.4 | 38.0 | 1.0 |
| 168.55 | 51.38 | 25134.6 | 459.7 | 1.8 | 442.8 | 499.1 | 62.8 | 31.4 | 0.0 | 72.4 | 40.0 | 1.0 |
| 169.04 | 51.52 | 13682.8 | 391.3 | 2.9 | 444.1 | 500.6 | 45.6 | 22.8 | 0.0 | 54.9 | 36.0 | 1.0 |
| 169.53 | 51.67 | 17978.1 | 541.6 | 3.0 | 445.4 | 502.0 | 59.9 | 30.0 | 0.0 | 62.7 | 38.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-3987
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-15-267
 Location: STRUCTURE 15
 Cone: 20 TON A 058
 CPT Date: 00/10/01
 CPT Time: 14:07
 CPT File: 300SC267.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 12.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.20 | 0.97 | 0.0 | 0.0 | 0.0 | 14.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.61 | 1.10 | 0.0 | 0.0 | 0.0 | 15.6 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.02 | 1.22 | 0.0 | 0.0 | 0.0 | 16.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.51 | 1.38 | 0.0 | 0.0 | 0.0 | 18.2 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.00 | 1.53 | 0.0 | 0.0 | 0.0 | 19.7 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.50 | 1.67 | 0.0 | 0.0 | 0.0 | 21.1 | 11.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.99 | 1.83 | 0.0 | 0.0 | 0.0 | 22.6 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 6.56 | 2.00 | 0.0 | 0.0 | 0.0 | 24.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.14 | 2.17 | 0.0 | 0.0 | 0.0 | 26.0 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.63 | 2.33 | 0.0 | 0.0 | 0.0 | 27.4 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.12 | 2.47 | 0.0 | 0.0 | 0.0 | 28.9 | 19.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.61 | 2.62 | 0.0 | 0.0 | 0.0 | 30.3 | 20.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.10 | 2.78 | 0.0 | 0.0 | 0.0 | 31.8 | 22.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.60 | 2.92 | 1513.3 | 28.7 | 1.9 | 33.1 | 23.8 | 7.6 | 12.9 | 97.1 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1942.1 | 58.9 | 3.0 | 34.4 | 25.3 | 9.7 | 16.2 | 125.5 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1724.6 | 53.0 | 3.1 | 35.6 | 26.7 | 8.6 | 14.1 | 110.8 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1390.9 | 39.2 | 2.8 | 36.8 | 28.2 | 7.0 | 11.2 | 88.4 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1641.9 | 36.1 | 2.2 | 38.0 | 29.7 | 8.2 | 13.0 | 104.9 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1769.5 | 42.4 | 2.4 | 39.3 | 31.1 | 8.8 | 13.8 | 113.3 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 2157.3 | 35.5 | 1.6 | 40.5 | 32.6 | 8.6 | 13.3 | 138.9 | 36.3 | 38.0 | 6.0 |
| 13.04 | 3.98 | 1817.2 | 37.4 | 2.1 | 41.7 | 34.1 | 7.3 | 11.0 | 116.1 | 30.9 | 38.0 | 6.0 |
| 13.53 | 4.12 | 2046.3 | 40.6 | 2.0 | 43.0 | 35.6 | 8.2 | 12.2 | 131.2 | 33.9 | 38.0 | 6.0 |
| 14.03 | 4.27 | 1923.0 | 44.4 | 2.3 | 44.2 | 37.0 | 7.7 | 11.3 | 122.8 | 31.7 | 38.0 | 6.0 |
| 14.52 | 4.43 | 2196.3 | 51.3 | 2.3 | 45.4 | 38.5 | 8.8 | 12.8 | 140.8 | 35.1 | 38.0 | 6.0 |
| 15.01 | 4.57 | 1846.8 | 32.6 | 1.8 | 46.6 | 40.0 | 7.4 | 10.6 | 117.3 | 30.0 | 38.0 | 6.0 |
| 15.50 | 4.73 | 1699.1 | 34.0 | 2.0 | 47.9 | 41.4 | 6.8 | 9.6 | 107.3 | 30.0 | 36.0 | 6.0 |
| 15.99 | 4.88 | 1715.8 | 33.2 | 1.9 | 49.1 | 42.9 | 6.9 | 9.6 | 108.3 | 30.0 | 36.0 | 6.0 |
| 16.49 | 5.02 | 1649.4 | 30.5 | 1.9 | 50.3 | 44.4 | 6.6 | 9.1 | 103.6 | 30.0 | 36.0 | 6.0 |
| 16.98 | 5.18 | 1588.8 | 25.7 | 1.6 | 51.6 | 45.9 | 6.4 | 8.7 | 99.4 | 30.0 | 36.0 | 6.0 |
| 17.47 | 5.32 | 1702.7 | 30.6 | 1.8 | 52.8 | 47.3 | 6.8 | 9.2 | 106.8 | 30.0 | 36.0 | 6.0 |
| 17.96 | 5.48 | 1555.9 | 25.8 | 1.7 | 54.0 | 48.8 | 6.2 | 8.3 | 96.9 | 30.0 | 36.0 | 6.0 |
| 18.45 | 5.62 | 1414.8 | 24.5 | 1.7 | 55.2 | 50.3 | 7.1 | 9.3 | 87.3 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1387.1 | 21.1 | 1.5 | 56.5 | 51.7 | 5.5 | 7.2 | 85.3 | 30.0 | 34.0 | 6.0 |
| 19.44 | 5.93 | 1382.9 | 23.5 | 1.7 | 57.7 | 53.2 | 6.9 | 8.9 | 84.8 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1369.6 | 18.7 | 1.4 | 58.9 | 54.7 | 5.5 | 7.0 | 83.7 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1307.2 | 14.9 | 1.1 | 60.2 | 56.2 | 5.2 | 6.6 | 79.4 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 1238.7 | 13.5 | 1.1 | 61.4 | 57.6 | 5.0 | 6.2 | 74.6 | 30.0 | 32.0 | 6.0 |
| 21.41 | 6.52 | 1113.5 | 12.0 | 1.1 | 62.6 | 59.1 | 4.5 | 5.5 | 66.1 | 30.0 | 32.0 | 6.0 |
| 21.90 | 6.68 | 1030.9 | 9.5 | 0.9 | 63.8 | 60.6 | 4.1 | 5.1 | 60.4 | 30.0 | 32.0 | 3.0 |
| 22.39 | 6.82 | 1046.9 | 9.0 | 0.9 | 65.1 | 62.0 | 4.2 | 5.1 | 61.3 | 30.0 | 32.0 | 3.0 |
| 22.88 | 6.98 | 1103.0 | 7.3 | 0.7 | 66.3 | 63.5 | 4.4 | 5.3 | 64.9 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 23.38 | 7.12 | 1110.0 | 8.9 | 0.8 | 67.5 | 65.0 | 4.4 | 5.3 | 65.2 | 30.0 | 32.0 | 3.0 |
| 23.87 | 7.27 | 1061.0 | 9.4 | 0.9 | 68.8 | 66.5 | 4.2 | 5.0 | 61.7 | 30.0 | 32.0 | 3.0 |
| 24.36 | 7.43 | 1071.3 | 7.7 | 0.7 | 70.0 | 67.9 | 4.3 | 5.0 | 62.2 | 30.0 | 32.0 | 3.0 |
| 24.85 | 7.57 | 954.2 | 4.9 | 0.5 | 71.2 | 69.4 | 3.8 | 4.4 | 54.2 | 30.0 | 30.0 | 3.0 |
| 25.34 | 7.73 | 927.4 | 2.7 | 0.3 | 72.4 | 70.9 | 3.7 | 4.3 | 52.3 | 30.0 | 30.0 | 3.0 |
| 25.84 | 7.88 | 866.1 | 2.0 | 0.2 | 73.3 | 72.3 | 4.3 | 5.0 | 48.0 | 0.0 | 0.0 | 3.0 |
| 26.33 | 8.02 | 874.9 | 2.0 | 0.2 | 73.7 | 73.8 | 4.4 | 5.0 | 48.5 | 0.0 | 0.0 | 3.0 |
| 26.82 | 8.18 | 930.2 | 2.4 | 0.3 | 74.5 | 75.3 | 3.7 | 4.2 | 52.0 | 30.0 | 30.0 | 3.0 |
| 27.31 | 8.32 | 1003.6 | 3.7 | 0.4 | 75.7 | 76.8 | 4.0 | 4.5 | 56.7 | 30.0 | 30.0 | 3.0 |
| 27.80 | 8.48 | 931.4 | 3.6 | 0.4 | 76.9 | 78.2 | 3.7 | 4.2 | 51.8 | 30.0 | 30.0 | 3.0 |
| 28.30 | 8.62 | 884.9 | 3.4 | 0.4 | 78.2 | 79.7 | 3.5 | 3.9 | 48.5 | 30.0 | 30.0 | 3.0 |
| 28.79 | 8.77 | 823.1 | 2.1 | 0.3 | 79.0 | 81.2 | 4.1 | 4.5 | 44.2 | 0.0 | 0.0 | 3.0 |
| 29.28 | 8.93 | 777.6 | 2.0 | 0.3 | 79.4 | 82.6 | 3.9 | 4.3 | 41.0 | 0.0 | 0.0 | 3.0 |
| 29.77 | 9.07 | 743.7 | 2.0 | 0.3 | 79.8 | 84.1 | 3.7 | 4.1 | 38.7 | 0.0 | 0.0 | 1.5 |
| 30.27 | 9.23 | 760.2 | 2.0 | 0.3 | 80.2 | 85.6 | 3.8 | 4.2 | 39.6 | 0.0 | 0.0 | 1.5 |
| 30.76 | 9.38 | 772.6 | 2.4 | 0.3 | 80.6 | 87.1 | 3.9 | 4.2 | 40.3 | 0.0 | 0.0 | 3.0 |
| 31.17 | 9.50 | 1085.9 | 3.4 | 0.3 | 81.2 | 88.3 | 4.3 | 4.7 | 61.1 | 30.0 | 30.0 | 3.0 |
| 31.58 | 9.62 | 783.9 | 2.8 | 0.4 | 81.8 | 89.5 | 3.9 | 4.2 | 40.8 | 0.0 | 0.0 | 1.5 |
| 32.07 | 9.77 | 1070.9 | 11.5 | 1.1 | 82.6 | 91.0 | 4.3 | 4.6 | 59.8 | 30.0 | 30.0 | 3.0 |
| 32.56 | 9.93 | 1728.7 | 30.6 | 1.8 | 83.9 | 92.5 | 6.9 | 7.4 | 103.5 | 30.0 | 32.0 | 6.0 |
| 33.05 | 10.07 | 1890.3 | 26.6 | 1.4 | 85.1 | 93.9 | 7.6 | 8.0 | 114.1 | 30.0 | 34.0 | 6.0 |
| 33.55 | 10.23 | 1130.3 | 11.5 | 1.0 | 86.3 | 95.4 | 4.5 | 4.8 | 63.2 | 30.0 | 30.0 | 3.0 |
| 34.04 | 10.38 | 1096.2 | 14.0 | 1.3 | 87.6 | 96.9 | 5.5 | 5.7 | 60.8 | 0.0 | 0.0 | 3.0 |
| 34.53 | 10.52 | 997.7 | 14.2 | 1.4 | 88.8 | 98.3 | 5.0 | 5.2 | 54.0 | 0.0 | 0.0 | 3.0 |
| 35.02 | 10.68 | 771.3 | 5.0 | 0.6 | 90.0 | 99.8 | 3.9 | 4.0 | 38.8 | 0.0 | 0.0 | 1.5 |
| 35.51 | 10.82 | 813.4 | 6.0 | 0.7 | 91.2 | 101.3 | 4.1 | 4.2 | 41.4 | 0.0 | 0.0 | 1.5 |
| 36.01 | 10.98 | 934.0 | 9.6 | 1.0 | 92.5 | 102.8 | 4.7 | 4.8 | 49.3 | 0.0 | 0.0 | 3.0 |
| 36.50 | 11.12 | 1263.1 | 14.8 | 1.2 | 93.7 | 104.2 | 5.1 | 5.1 | 71.0 | 30.0 | 30.0 | 3.0 |
| 36.99 | 11.27 | 1667.9 | 18.3 | 1.1 | 94.9 | 105.7 | 6.7 | 6.7 | 97.8 | 30.0 | 32.0 | 6.0 |
| 37.48 | 11.43 | 984.9 | 9.1 | 0.9 | 96.2 | 107.2 | 3.9 | 3.9 | 52.1 | 30.0 | 30.0 | 3.0 |
| 37.98 | 11.57 | 974.2 | 12.0 | 1.2 | 97.4 | 108.6 | 4.9 | 4.8 | 51.2 | 0.0 | 0.0 | 3.0 |
| 38.47 | 11.73 | 911.9 | 10.8 | 1.2 | 98.6 | 110.1 | 4.6 | 4.5 | 46.9 | 0.0 | 0.0 | 1.5 |
| 38.96 | 11.88 | 907.4 | 6.6 | 0.7 | 99.8 | 111.6 | 3.6 | 3.6 | 46.4 | 30.0 | 30.0 | 1.5 |
| 39.45 | 12.02 | 814.8 | 2.5 | 0.3 | 100.7 | 113.1 | 4.1 | 4.0 | 40.1 | 0.0 | 0.0 | 1.5 |
| 39.94 | 12.18 | 866.4 | 2.2 | 0.3 | 101.1 | 114.5 | 4.3 | 4.2 | 43.4 | 0.0 | 0.0 | 1.5 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0519-1709-1751
 Job No: 97-100
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-15-361
 Location: STRUCTURE 15
 Cone: 20 TON A 070
 CPT Date: 10/10/05
 CPT Time: 10:07
 CPT File: 300SC361.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 12.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.20 | 0.97 | 0.0 | 0.0 | 0.0 | 14.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.61 | 1.10 | 0.0 | 0.0 | 0.0 | 15.6 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.02 | 1.22 | 0.0 | 0.0 | 0.0 | 16.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.51 | 1.38 | 0.0 | 0.0 | 0.0 | 18.2 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.00 | 1.53 | 550.7 | 14.9 | 2.7 | 19.5 | 10.1 | 5.5 | 11.0 | 34.7 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1172.9 | 37.6 | 3.2 | 20.7 | 11.5 | 7.8 | 15.6 | 76.0 | 0.0 | 0.0 | 6.0 |
| 5.99 | 1.83 | 1609.3 | 43.5 | 2.7 | 22.0 | 13.0 | 8.0 | 16.1 | 105.0 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 1305.5 | 54.0 | 4.1 | 23.3 | 14.7 | 13.1 | 26.1 | 84.5 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 1520.5 | 77.6 | 5.1 | 24.7 | 16.4 | 15.2 | 30.0 | 98.6 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 1343.5 | 68.7 | 5.1 | 25.8 | 17.9 | 13.4 | 25.9 | 86.7 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1727.7 | 72.8 | 4.2 | 27.0 | 19.4 | 17.3 | 32.5 | 112.1 | 0.0 | 0.0 | 10.0 |
| 8.61 | 2.62 | 2092.2 | 102.1 | 4.9 | 28.1 | 20.8 | 20.9 | 38.6 | 136.2 | 0.0 | 0.0 | 10.0 |
| 9.10 | 2.78 | 2023.1 | 116.9 | 5.8 | 29.3 | 22.3 | 20.2 | 36.6 | 131.4 | 0.0 | 0.0 | 10.0 |
| 9.60 | 2.92 | 1798.3 | 100.0 | 5.6 | 30.4 | 23.8 | 18.0 | 31.9 | 116.3 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1571.3 | 77.8 | 5.0 | 31.6 | 25.3 | 15.7 | 27.4 | 101.0 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1553.3 | 68.5 | 4.4 | 32.8 | 26.7 | 15.5 | 26.6 | 99.6 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1714.6 | 79.2 | 4.6 | 33.9 | 28.2 | 17.1 | 28.8 | 110.2 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 2329.5 | 67.4 | 2.9 | 35.1 | 29.7 | 11.6 | 19.2 | 151.0 | 0.0 | 0.0 | 10.0 |
| 12.06 | 3.67 | 1666.9 | 59.6 | 3.6 | 36.3 | 31.1 | 11.1 | 18.0 | 106.6 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1945.1 | 76.6 | 3.9 | 37.6 | 32.6 | 13.0 | 20.7 | 125.0 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1782.4 | 64.0 | 3.6 | 38.8 | 34.1 | 11.9 | 18.7 | 114.0 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1631.4 | 66.7 | 4.1 | 40.0 | 35.6 | 16.3 | 25.3 | 103.7 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1684.0 | 62.6 | 3.7 | 41.2 | 37.0 | 11.2 | 17.1 | 107.1 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1523.8 | 54.4 | 3.6 | 42.4 | 38.5 | 10.2 | 15.3 | 96.2 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1448.6 | 56.0 | 3.9 | 43.6 | 40.0 | 14.5 | 21.5 | 91.0 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 1645.4 | 66.4 | 4.0 | 44.7 | 41.4 | 16.5 | 24.1 | 103.9 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1754.2 | 65.5 | 3.7 | 45.9 | 42.9 | 11.7 | 16.9 | 111.0 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 1441.4 | 50.5 | 3.5 | 47.2 | 44.4 | 9.6 | 13.7 | 90.0 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 1398.5 | 43.2 | 3.1 | 48.4 | 45.9 | 7.0 | 9.8 | 86.9 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 1231.4 | 41.6 | 3.4 | 49.6 | 47.3 | 8.2 | 11.4 | 75.6 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 1145.3 | 34.9 | 3.1 | 50.8 | 48.8 | 7.6 | 10.5 | 69.7 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 1210.4 | 36.2 | 3.0 | 52.1 | 50.3 | 8.1 | 10.9 | 73.9 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1124.5 | 37.3 | 3.3 | 53.3 | 51.7 | 7.5 | 10.0 | 68.0 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 1119.6 | 35.4 | 3.2 | 54.5 | 53.2 | 7.5 | 9.9 | 67.5 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 1098.9 | 31.6 | 2.9 | 55.8 | 54.7 | 7.3 | 9.6 | 65.9 | 0.0 | 0.0 | 6.0 |
| 20.42 | 6.23 | 1143.3 | 33.1 | 2.9 | 57.0 | 56.2 | 7.6 | 9.9 | 68.7 | 0.0 | 0.0 | 6.0 |
| 20.92 | 6.38 | 1005.8 | 28.0 | 2.8 | 58.2 | 57.6 | 6.7 | 8.6 | 59.3 | 0.0 | 0.0 | 6.0 |
| 21.41 | 6.52 | 975.8 | 27.3 | 2.8 | 59.4 | 59.1 | 6.5 | 8.3 | 57.1 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 992.7 | 33.2 | 3.3 | 60.7 | 60.6 | 6.6 | 8.3 | 58.1 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 1049.9 | 32.1 | 3.1 | 61.9 | 62.0 | 7.0 | 8.7 | 61.7 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 897.9 | 24.4 | 2.7 | 63.1 | 63.5 | 6.0 | 7.4 | 51.4 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 (blows/ft) | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|----------------------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 9885.8 | 277.5 | 2.8 | 305.4 | 347.0 | 39.5 | 22.1 | 615.6 | 50.9 | 36.0 | 6.0 |
| 118.19 | 36.03 | 8477.3 | 169.1 | 2.0 | 306.7 | 348.5 | 28.3 | 15.8 | 0.0 | 46.5 | 36.0 | 1.0 |
| 118.68 | 36.17 | 6267.5 | 199.0 | 3.2 | 308.0 | 350.0 | 25.1 | 14.0 | 374.0 | 37.8 | 32.0 | 6.0 |
| 119.18 | 36.33 | 12788.6 | 186.8 | 1.5 | 309.3 | 351.4 | 32.0 | 17.8 | 0.0 | 58.1 | 38.0 | 1.0 |
| 119.67 | 36.47 | 3691.0 | 133.5 | 3.6 | 310.6 | 352.9 | 18.5 | 10.2 | 201.8 | 0.0 | 0.0 | 3.0 |
| 120.16 | 36.62 | 2917.4 | 37.6 | 1.3 | 311.8 | 354.4 | 11.7 | 6.5 | 150.1 | 30.0 | 30.0 | 1.5 |
| 120.65 | 36.78 | 4345.1 | 155.8 | 3.6 | 313.0 | 355.9 | 21.7 | 12.0 | 245.1 | 0.0 | 0.0 | 3.0 |
| 121.14 | 36.92 | 18848.4 | 354.6 | 1.9 | 314.3 | 357.3 | 47.1 | 26.0 | 0.0 | 69.0 | 40.0 | 1.0 |
| 121.64 | 37.08 | 39578.2 | 305.0 | 0.8 | 315.8 | 358.8 | 79.2 | 43.6 | 0.0 | 90.2 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4020
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-16-269
 Location: STRUCTURE 16
 Cone: 20 TON A 058
 CPT Date: 00/10/01
 CPT Time: 11:15
 CPT File: 300SC269.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 12.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.20 | 0.97 | 0.0 | 0.0 | 0.0 | 14.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.61 | 1.10 | 0.0 | 0.0 | 0.0 | 15.6 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.02 | 1.22 | 0.0 | 0.0 | 0.0 | 16.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.51 | 1.38 | 0.0 | 0.0 | 0.0 | 18.2 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.00 | 1.53 | 0.0 | 0.0 | 0.0 | 19.7 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.50 | 1.67 | 0.0 | 0.0 | 0.0 | 21.1 | 11.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.99 | 1.83 | 0.0 | 0.0 | 0.0 | 22.6 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 6.56 | 2.00 | 0.0 | 0.0 | 0.0 | 24.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.14 | 2.17 | 0.0 | 0.0 | 0.0 | 26.0 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.63 | 2.33 | 0.0 | 0.0 | 0.0 | 27.4 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.12 | 2.47 | 0.0 | 0.0 | 0.0 | 28.9 | 19.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.61 | 2.62 | 0.0 | 0.0 | 0.0 | 30.3 | 20.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.10 | 2.78 | 0.0 | 0.0 | 0.0 | 31.8 | 22.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.60 | 2.92 | 1984.5 | 18.6 | 0.9 | 33.1 | 23.8 | 7.9 | 13.5 | 128.5 | 36.8 | 40.0 | 6.0 |
| 10.09 | 3.08 | 2103.4 | 51.8 | 2.5 | 34.4 | 25.3 | 10.5 | 17.6 | 136.2 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1794.0 | 48.3 | 2.7 | 35.6 | 26.7 | 9.0 | 14.7 | 115.4 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1544.6 | 43.3 | 2.8 | 36.8 | 28.2 | 7.7 | 12.5 | 98.6 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1760.0 | 43.0 | 2.4 | 38.0 | 29.7 | 8.8 | 14.0 | 112.8 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1899.5 | 43.9 | 2.3 | 39.3 | 31.1 | 9.5 | 14.8 | 121.9 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1950.7 | 49.6 | 2.5 | 40.5 | 32.6 | 9.8 | 15.0 | 125.2 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1820.5 | 69.7 | 3.8 | 41.7 | 34.1 | 12.1 | 18.4 | 116.3 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1893.4 | 54.9 | 2.9 | 43.0 | 35.6 | 9.5 | 14.1 | 121.0 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1827.6 | 49.3 | 2.7 | 44.2 | 37.0 | 9.1 | 13.5 | 116.4 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 2322.3 | 46.0 | 2.0 | 45.4 | 38.5 | 9.3 | 13.5 | 149.2 | 36.7 | 38.0 | 6.0 |
| 15.01 | 4.57 | 1792.9 | 28.0 | 1.6 | 46.6 | 40.0 | 7.2 | 10.3 | 113.8 | 30.0 | 38.0 | 6.0 |
| 15.50 | 4.73 | 1537.2 | 23.5 | 1.5 | 47.9 | 41.4 | 6.1 | 8.7 | 96.5 | 30.0 | 36.0 | 6.0 |
| 15.99 | 4.88 | 1708.4 | 27.6 | 1.6 | 49.1 | 42.9 | 6.8 | 9.5 | 107.8 | 30.0 | 36.0 | 6.0 |
| 16.49 | 5.02 | 1762.6 | 29.7 | 1.7 | 50.3 | 44.4 | 7.1 | 9.7 | 111.2 | 30.0 | 36.0 | 6.0 |
| 16.98 | 5.18 | 1959.9 | 34.2 | 1.7 | 51.6 | 45.9 | 7.8 | 10.7 | 124.2 | 30.1 | 38.0 | 6.0 |
| 17.47 | 5.32 | 1761.3 | 27.7 | 1.6 | 52.8 | 47.3 | 7.0 | 9.5 | 110.7 | 30.0 | 36.0 | 6.0 |
| 17.96 | 5.48 | 1477.3 | 22.2 | 1.5 | 54.0 | 48.8 | 5.9 | 7.9 | 91.6 | 30.0 | 34.0 | 6.0 |
| 18.45 | 5.62 | 1326.7 | 24.2 | 1.8 | 55.2 | 50.3 | 6.6 | 8.7 | 81.4 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 1286.7 | 16.3 | 1.3 | 56.5 | 51.7 | 5.1 | 6.7 | 78.6 | 30.0 | 34.0 | 6.0 |
| 19.44 | 5.93 | 1399.7 | 22.7 | 1.6 | 57.7 | 53.2 | 5.6 | 7.2 | 85.9 | 30.0 | 34.0 | 6.0 |
| 19.93 | 6.07 | 1531.7 | 28.2 | 1.8 | 58.9 | 54.7 | 6.1 | 7.8 | 94.5 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1607.0 | 23.5 | 1.5 | 60.2 | 56.2 | 6.4 | 8.1 | 99.4 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 1962.7 | 26.1 | 1.3 | 61.4 | 57.6 | 7.9 | 9.8 | 122.9 | 30.0 | 36.0 | 6.0 |
| 21.41 | 6.52 | 1777.2 | 30.5 | 1.7 | 62.6 | 59.1 | 7.1 | 8.8 | 110.4 | 30.0 | 36.0 | 6.0 |
| 21.90 | 6.68 | 1375.8 | 20.8 | 1.5 | 63.8 | 60.6 | 5.5 | 6.7 | 83.4 | 30.0 | 34.0 | 6.0 |
| 22.39 | 6.82 | 1268.0 | 15.7 | 1.2 | 65.1 | 62.0 | 5.1 | 6.2 | 76.1 | 30.0 | 32.0 | 6.0 |
| 22.88 | 6.98 | 1277.5 | 15.5 | 1.2 | 66.3 | 63.5 | 5.1 | 6.1 | 76.5 | 30.0 | 32.0 | 6.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4048
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-16-269A
 Location: STRUCTURE 16
 Cone: 20 TON A 058
 CPT Date: 00/12/01
 CPT Time: 07:50
 CPT File: 300S269A.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 12.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.20 | 0.97 | 0.0 | 0.0 | 0.0 | 14.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.61 | 1.10 | 0.0 | 0.0 | 0.0 | 15.6 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.02 | 1.22 | 0.0 | 0.0 | 0.0 | 16.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.51 | 1.38 | 0.0 | 0.0 | 0.0 | 18.2 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.00 | 1.53 | 0.0 | 0.0 | 0.0 | 19.7 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.50 | 1.67 | 0.0 | 0.0 | 0.0 | 21.1 | 11.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.99 | 1.83 | 0.0 | 0.0 | 0.0 | 22.6 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 6.56 | 2.00 | 0.0 | 0.0 | 0.0 | 24.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.14 | 2.17 | 0.0 | 0.0 | 0.0 | 26.0 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.63 | 2.33 | 0.0 | 0.0 | 0.0 | 27.4 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.12 | 2.47 | 0.0 | 0.0 | 0.0 | 28.9 | 19.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.61 | 2.62 | 0.0 | 0.0 | 0.0 | 30.3 | 20.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.10 | 2.78 | 575.0 | 0.8 | 0.1 | 31.3 | 22.3 | 2.9 | 5.0 | 34.8 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1854.9 | 24.2 | 1.3 | 32.1 | 23.8 | 7.4 | 12.8 | 119.9 | 35.3 | 40.0 | 6.0 |
| 10.09 | 3.08 | 1978.6 | 42.0 | 2.1 | 33.3 | 25.3 | 7.9 | 13.4 | 128.0 | 36.6 | 40.0 | 6.0 |
| 10.58 | 3.22 | 1653.7 | 46.6 | 2.8 | 34.5 | 26.7 | 8.3 | 13.8 | 106.2 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1693.4 | 42.3 | 2.5 | 35.8 | 28.2 | 8.5 | 13.9 | 108.6 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1675.3 | 43.0 | 2.6 | 37.0 | 29.7 | 8.4 | 13.5 | 107.2 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1996.2 | 44.9 | 2.2 | 38.2 | 31.1 | 8.0 | 12.6 | 128.5 | 34.9 | 38.0 | 6.0 |
| 12.55 | 3.83 | 1845.9 | 37.6 | 2.0 | 39.5 | 32.6 | 7.4 | 11.5 | 118.3 | 32.2 | 38.0 | 6.0 |
| 13.04 | 3.98 | 1893.2 | 46.7 | 2.5 | 40.7 | 34.1 | 9.5 | 14.5 | 121.2 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1962.1 | 49.3 | 2.5 | 41.9 | 35.6 | 9.8 | 14.8 | 125.6 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 1998.0 | 54.8 | 2.7 | 43.1 | 37.0 | 10.0 | 14.9 | 127.9 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 2200.0 | 51.0 | 2.3 | 44.4 | 38.5 | 8.8 | 12.9 | 141.1 | 35.5 | 38.0 | 6.0 |
| 15.01 | 4.57 | 1879.3 | 32.4 | 1.7 | 45.6 | 40.0 | 7.5 | 10.9 | 119.6 | 30.6 | 38.0 | 6.0 |
| 15.50 | 4.73 | 1753.2 | 28.9 | 1.7 | 46.8 | 41.4 | 7.0 | 10.0 | 111.0 | 30.0 | 38.0 | 6.0 |
| 15.99 | 4.88 | 2055.4 | 35.5 | 1.7 | 48.1 | 42.9 | 8.2 | 11.6 | 131.0 | 32.4 | 38.0 | 6.0 |
| 16.49 | 5.02 | 1876.2 | 37.5 | 2.0 | 49.3 | 44.4 | 7.5 | 10.5 | 118.8 | 30.0 | 38.0 | 6.0 |
| 16.98 | 5.18 | 1800.6 | 29.4 | 1.6 | 50.5 | 45.9 | 7.2 | 9.9 | 113.6 | 30.0 | 36.0 | 6.0 |
| 17.47 | 5.32 | 1761.4 | 26.2 | 1.5 | 51.7 | 47.3 | 7.0 | 9.6 | 110.8 | 30.0 | 36.0 | 6.0 |
| 17.96 | 5.48 | 1636.0 | 28.5 | 1.7 | 53.0 | 48.8 | 6.5 | 8.8 | 102.3 | 30.0 | 36.0 | 6.0 |
| 18.45 | 5.62 | 1517.7 | 27.0 | 1.8 | 54.2 | 50.3 | 6.1 | 8.1 | 94.2 | 30.0 | 36.0 | 6.0 |
| 18.95 | 5.77 | 1554.2 | 21.7 | 1.4 | 55.4 | 51.7 | 6.2 | 8.2 | 96.5 | 30.0 | 36.0 | 6.0 |
| 19.44 | 5.93 | 1649.0 | 22.7 | 1.4 | 56.7 | 53.2 | 6.6 | 8.6 | 102.6 | 30.0 | 36.0 | 6.0 |
| 19.93 | 6.07 | 2002.0 | 25.5 | 1.3 | 57.9 | 54.7 | 8.0 | 10.3 | 126.0 | 30.0 | 36.0 | 6.0 |
| 20.42 | 6.23 | 2065.2 | 24.3 | 1.2 | 59.1 | 56.2 | 8.3 | 10.5 | 130.0 | 30.0 | 36.0 | 6.0 |
| 20.92 | 6.38 | 2059.9 | 23.2 | 1.1 | 60.3 | 57.6 | 8.2 | 10.4 | 129.5 | 30.0 | 36.0 | 6.0 |
| 21.41 | 6.52 | 1972.1 | 20.6 | 1.0 | 61.6 | 59.1 | 7.9 | 9.8 | 123.4 | 30.0 | 36.0 | 6.0 |
| 21.90 | 6.68 | 1684.0 | 16.2 | 1.0 | 62.8 | 60.6 | 6.7 | 8.3 | 104.0 | 30.0 | 34.0 | 6.0 |
| 22.39 | 6.82 | 1498.2 | 14.8 | 1.0 | 64.0 | 62.0 | 6.0 | 7.3 | 91.5 | 30.0 | 34.0 | 6.0 |
| 22.88 | 6.98 | 1453.9 | 12.3 | 0.8 | 65.3 | 63.5 | 5.8 | 7.0 | 88.3 | 30.0 | 34.0 | 6.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 (blows/ft) | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|----------------------|-------------|-----------|---------------|----------------|
| 180.85 | 55.12 | 4656.3 | 138.8 | 3.0 | 472.9 | 535.9 | 18.6 | 9.3 | 243.2 | 30.0 | 30.0 | 3.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0519-1709-1789
 Job No: 97-100
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-1604-360
 Location: STRUCT. 1604
 Cone: 20 TON A 070
 CPT Date: 10/10/05
 CPT Time: 12:59
 CPT File: 300SC360.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 1966.4 | 2.0 | 0.1 | 12.8 | 3.2 | 6.6 | 13.1 | 0.0 | 50.1 | 44.0 | 1.0 |
| 3.20 | 0.97 | 1805.9 | 2.0 | 0.1 | 14.1 | 4.7 | 6.0 | 12.0 | 0.0 | 46.3 | 44.0 | 1.0 |
| 3.61 | 1.10 | 1296.8 | 2.0 | 0.2 | 15.2 | 5.9 | 5.2 | 10.4 | 85.1 | 35.7 | 42.0 | 10.0 |
| 4.02 | 1.22 | 572.7 | 2.0 | 0.3 | 15.8 | 7.1 | 2.9 | 5.7 | 36.7 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 219.8 | 2.0 | 0.9 | 16.2 | 8.6 | 1.1 | 2.2 | 13.0 | 0.0 | 0.0 | 3.0 |
| 5.00 | 1.53 | 304.3 | 2.0 | 0.7 | 16.6 | 10.1 | 1.5 | 3.0 | 18.5 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 1514.3 | 5.5 | 0.4 | 17.4 | 11.5 | 6.1 | 12.1 | 99.0 | 38.2 | 42.0 | 10.0 |
| 5.99 | 1.83 | 1412.8 | 10.7 | 0.8 | 18.7 | 13.0 | 5.7 | 11.3 | 92.1 | 35.2 | 40.0 | 10.0 |
| 6.56 | 2.00 | 1005.4 | 2.0 | 0.2 | 20.1 | 14.7 | 4.0 | 8.0 | 64.7 | 30.0 | 38.0 | 6.0 |
| 7.14 | 2.17 | 1232.8 | 2.0 | 0.2 | 21.5 | 16.4 | 4.9 | 9.9 | 79.7 | 30.0 | 40.0 | 6.0 |
| 7.63 | 2.33 | 1335.3 | 2.0 | 0.1 | 22.7 | 17.9 | 5.3 | 10.7 | 86.3 | 30.8 | 40.0 | 6.0 |
| 8.12 | 2.47 | 1549.6 | 2.4 | 0.2 | 24.0 | 19.4 | 6.2 | 12.4 | 100.4 | 34.3 | 40.0 | 10.0 |
| 8.61 | 2.62 | 1735.3 | 4.8 | 0.3 | 25.2 | 20.8 | 5.8 | 11.3 | 0.0 | 36.8 | 40.0 | 1.0 |
| 9.10 | 2.78 | 1773.0 | 11.6 | 0.7 | 26.5 | 22.3 | 7.1 | 13.5 | 114.9 | 36.7 | 40.0 | 10.0 |
| 9.60 | 2.92 | 1563.7 | 13.1 | 0.8 | 27.7 | 23.8 | 6.3 | 11.6 | 100.8 | 32.5 | 40.0 | 6.0 |
| 10.09 | 3.08 | 1479.3 | 16.6 | 1.1 | 29.0 | 25.3 | 5.9 | 10.8 | 95.0 | 30.3 | 38.0 | 6.0 |
| 10.58 | 3.22 | 3389.3 | 26.0 | 0.8 | 30.2 | 26.7 | 11.3 | 20.1 | 0.0 | 53.4 | 42.0 | 1.0 |
| 11.07 | 3.38 | 1783.8 | 27.6 | 1.5 | 31.5 | 28.2 | 7.1 | 12.4 | 114.9 | 34.4 | 40.0 | 6.0 |
| 11.56 | 3.53 | 1512.6 | 17.1 | 1.1 | 32.7 | 29.7 | 6.1 | 10.4 | 96.7 | 30.0 | 38.0 | 6.0 |
| 12.06 | 3.67 | 2226.4 | 34.2 | 1.5 | 34.0 | 31.1 | 8.9 | 15.0 | 144.1 | 39.7 | 40.0 | 10.0 |
| 12.55 | 3.83 | 1559.1 | 29.8 | 1.9 | 35.2 | 32.6 | 6.2 | 10.3 | 99.4 | 30.0 | 38.0 | 6.0 |
| 13.04 | 3.98 | 1990.4 | 31.7 | 1.6 | 36.4 | 34.1 | 8.0 | 12.9 | 128.0 | 35.5 | 40.0 | 6.0 |
| 13.53 | 4.12 | 1675.5 | 23.6 | 1.4 | 37.6 | 35.6 | 6.7 | 10.7 | 106.8 | 30.1 | 38.0 | 6.0 |
| 14.03 | 4.27 | 1169.5 | 9.9 | 0.8 | 38.9 | 37.0 | 4.7 | 7.3 | 72.9 | 30.0 | 36.0 | 6.0 |
| 14.52 | 4.43 | 1415.8 | 2.9 | 0.2 | 40.1 | 38.5 | 5.7 | 8.8 | 89.1 | 30.0 | 36.0 | 6.0 |
| 15.01 | 4.57 | 1784.2 | 17.3 | 1.0 | 41.3 | 40.0 | 7.1 | 10.9 | 113.5 | 30.5 | 38.0 | 6.0 |
| 15.50 | 4.73 | 1250.6 | 11.5 | 0.9 | 42.6 | 41.4 | 5.0 | 7.5 | 77.8 | 30.0 | 36.0 | 6.0 |
| 15.99 | 4.88 | 1270.2 | 6.9 | 0.5 | 43.8 | 42.9 | 5.1 | 7.5 | 78.9 | 30.0 | 36.0 | 6.0 |
| 16.49 | 5.02 | 1098.8 | 5.2 | 0.5 | 45.0 | 44.4 | 4.4 | 6.4 | 67.3 | 30.0 | 34.0 | 6.0 |
| 16.98 | 5.18 | 1116.4 | 5.5 | 0.5 | 46.2 | 45.9 | 4.5 | 6.4 | 68.3 | 30.0 | 34.0 | 6.0 |
| 17.47 | 5.32 | 1271.4 | 6.2 | 0.5 | 47.5 | 47.3 | 5.1 | 7.2 | 78.4 | 30.0 | 34.0 | 6.0 |
| 17.96 | 5.48 | 1261.6 | 7.7 | 0.6 | 48.7 | 48.8 | 5.0 | 7.1 | 77.6 | 30.0 | 34.0 | 6.0 |
| 18.45 | 5.62 | 1001.2 | 7.2 | 0.7 | 49.9 | 50.3 | 4.0 | 5.5 | 60.1 | 30.0 | 32.0 | 6.0 |
| 18.95 | 5.77 | 924.7 | 5.6 | 0.6 | 51.2 | 51.7 | 3.7 | 5.1 | 54.8 | 30.0 | 32.0 | 6.0 |
| 19.44 | 5.93 | 955.1 | 6.3 | 0.7 | 52.4 | 53.2 | 3.8 | 5.2 | 56.6 | 30.0 | 32.0 | 6.0 |
| 19.93 | 6.07 | 763.8 | 2.8 | 0.4 | 53.2 | 54.7 | 3.8 | 5.1 | 43.7 | 0.0 | 0.0 | 3.0 |
| 20.42 | 6.23 | 830.0 | 6.4 | 0.8 | 54.0 | 56.2 | 4.2 | 5.5 | 48.0 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 863.0 | 2.4 | 0.3 | 54.8 | 57.6 | 4.3 | 5.7 | 50.0 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 730.3 | 2.2 | 0.3 | 55.2 | 59.1 | 3.7 | 4.8 | 41.1 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 488.9 | 2.0 | 0.4 | 55.6 | 60.6 | 2.4 | 3.2 | 24.8 | 0.0 | 0.0 | 1.5 |
| 22.39 | 6.82 | 545.5 | 2.0 | 0.4 | 56.0 | 62.0 | 2.7 | 3.6 | 28.5 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 603.3 | 2.0 | 0.3 | 56.4 | 63.5 | 3.0 | 3.9 | 32.2 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 30331.4 | 274.3 | 0.9 | 280.6 | 347.0 | 60.7 | 35.4 | 0.0 | 84.3 | 42.0 | 1.0 |
| 118.19 | 36.03 | 30892.5 | 231.1 | 0.7 | 282.0 | 348.5 | 61.8 | 36.0 | 0.0 | 84.7 | 42.0 | 1.0 |
| 118.68 | 36.17 | 26944.6 | 223.8 | 0.8 | 283.5 | 350.0 | 53.9 | 31.3 | 0.0 | 80.8 | 42.0 | 1.0 |
| 119.18 | 36.33 | 30409.1 | 251.0 | 0.8 | 284.9 | 351.4 | 60.8 | 35.3 | 0.0 | 84.1 | 42.0 | 1.0 |
| 119.67 | 36.47 | 30503.2 | 256.2 | 0.8 | 286.4 | 352.9 | 61.0 | 35.3 | 0.0 | 84.2 | 42.0 | 1.0 |
| 120.16 | 36.62 | 33756.8 | 189.5 | 0.6 | 287.9 | 354.4 | 56.3 | 32.5 | 0.0 | 87.0 | 42.0 | 1.0 |
| 120.65 | 36.78 | 38727.0 | 153.4 | 0.4 | 289.4 | 355.9 | 64.5 | 37.1 | 0.0 | 90.9 | 44.0 | 1.0 |
| 121.14 | 36.92 | 35848.1 | 131.0 | 0.4 | 290.9 | 357.3 | 59.7 | 34.3 | 0.0 | 88.6 | 42.0 | 1.0 |
| 121.64 | 37.08 | 37479.0 | 153.0 | 0.4 | 292.5 | 358.8 | 62.5 | 35.7 | 0.0 | 89.8 | 44.0 | 1.0 |
| 122.21 | 37.25 | 40335.8 | 223.0 | 0.6 | 294.3 | 360.5 | 67.2 | 38.4 | 0.0 | 91.8 | 44.0 | 1.0 |
| 122.78 | 37.42 | 38193.8 | 193.0 | 0.5 | 296.0 | 362.2 | 63.7 | 36.2 | 0.0 | 90.1 | 44.0 | 1.0 |
| 123.28 | 37.58 | 32432.3 | 152.2 | 0.5 | 297.6 | 363.7 | 54.1 | 30.7 | 0.0 | 85.4 | 42.0 | 1.0 |
| 123.77 | 37.72 | 31480.2 | 129.4 | 0.4 | 299.1 | 365.2 | 52.5 | 29.7 | 0.0 | 84.4 | 42.0 | 1.0 |
| 124.26 | 37.88 | 42118.9 | 164.5 | 0.4 | 300.6 | 366.6 | 70.2 | 39.6 | 0.0 | 92.7 | 44.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4097
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-17-270
 Location: STRUCTURE 17
 Cone: 20 TON A 058
 CPT Date: 00/20/01
 CPT Time: 08:50
 CPT File: 300SC270.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 728.8 | 17.9 | 2.5 | 1.4 | 0.0 | 4.9 | 9.7 | 48.5 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 495.6 | 12.3 | 2.5 | 4.0 | 0.0 | 5.0 | 9.9 | 32.8 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 257.2 | 2.0 | 0.8 | 6.3 | 0.0 | 1.3 | 2.6 | 16.7 | 0.0 | 0.0 | 6.0 |
| 1.72 | 0.52 | 324.5 | 3.7 | 1.2 | 7.9 | 0.2 | 1.6 | 3.2 | 21.1 | 0.0 | 0.0 | 6.0 |
| 2.21 | 0.68 | 970.7 | 23.0 | 2.4 | 8.7 | 1.7 | 4.9 | 9.7 | 64.0 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1054.2 | 31.2 | 3.0 | 9.9 | 3.2 | 7.0 | 14.1 | 69.4 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 1349.8 | 26.9 | 2.0 | 11.2 | 4.7 | 6.7 | 13.5 | 88.9 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 1633.5 | 20.8 | 1.3 | 12.2 | 5.9 | 6.5 | 13.1 | 107.7 | 45.5 | 44.0 | 10.0 |
| 4.02 | 1.22 | 1344.7 | 25.4 | 1.9 | 13.2 | 7.1 | 6.7 | 13.4 | 88.3 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1326.2 | 29.3 | 2.2 | 14.4 | 8.6 | 6.6 | 13.3 | 86.9 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 1302.3 | 28.9 | 2.2 | 15.7 | 10.1 | 6.5 | 13.0 | 85.1 | 0.0 | 0.0 | 10.0 |
| 5.50 | 1.67 | 1431.4 | 44.4 | 3.1 | 16.9 | 11.5 | 7.2 | 14.3 | 93.5 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 1143.6 | 24.7 | 2.2 | 18.1 | 13.0 | 5.7 | 11.4 | 74.2 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 1112.5 | 18.5 | 1.7 | 19.6 | 14.7 | 5.6 | 11.1 | 71.9 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 1588.3 | 41.2 | 2.6 | 21.0 | 16.4 | 7.9 | 15.9 | 103.4 | 0.0 | 0.0 | 10.0 |
| 7.63 | 2.33 | 1318.2 | 37.1 | 2.8 | 22.2 | 17.9 | 6.6 | 13.2 | 85.2 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1119.6 | 28.3 | 2.5 | 23.5 | 19.4 | 5.6 | 11.2 | 71.8 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 1127.2 | 27.1 | 2.4 | 24.7 | 20.8 | 5.6 | 11.1 | 72.1 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 1246.4 | 32.4 | 2.6 | 25.9 | 22.3 | 6.2 | 12.0 | 79.9 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1424.5 | 38.7 | 2.7 | 27.1 | 23.8 | 7.1 | 13.4 | 91.6 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1264.8 | 31.7 | 2.5 | 28.4 | 25.3 | 6.3 | 11.6 | 80.7 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 953.1 | 16.9 | 1.8 | 29.6 | 26.7 | 4.8 | 8.6 | 59.8 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 3688.8 | 16.7 | 0.5 | 30.9 | 28.2 | 12.3 | 21.7 | 0.0 | 55.5 | 42.0 | 1.0 |
| 11.56 | 3.53 | 1586.7 | 33.7 | 2.1 | 32.1 | 29.7 | 7.9 | 13.7 | 101.7 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 968.2 | 11.2 | 1.2 | 33.4 | 31.1 | 4.8 | 8.2 | 60.2 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 580.1 | 2.0 | 0.3 | 34.2 | 32.6 | 2.9 | 4.9 | 34.2 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 778.0 | 4.6 | 0.6 | 35.0 | 34.1 | 3.9 | 6.4 | 47.3 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1834.2 | 15.2 | 0.8 | 36.2 | 35.6 | 7.3 | 11.9 | 117.5 | 33.2 | 38.0 | 6.0 |
| 14.03 | 4.27 | 1097.5 | 20.2 | 1.8 | 37.4 | 37.0 | 5.5 | 8.8 | 68.2 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 576.8 | 2.0 | 0.3 | 38.3 | 38.5 | 2.9 | 4.6 | 33.3 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 642.7 | 2.3 | 0.4 | 38.7 | 40.0 | 3.2 | 5.1 | 37.6 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 755.4 | 2.6 | 0.3 | 39.1 | 41.4 | 3.8 | 5.9 | 45.0 | 0.0 | 0.0 | 6.0 |
| 15.99 | 4.88 | 1857.2 | 24.2 | 1.3 | 39.9 | 42.9 | 7.4 | 11.5 | 118.3 | 32.2 | 38.0 | 6.0 |
| 16.49 | 5.02 | 667.5 | 4.7 | 0.7 | 40.7 | 44.4 | 3.3 | 5.1 | 38.8 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 650.1 | 2.0 | 0.3 | 41.1 | 45.9 | 3.3 | 5.0 | 37.5 | 0.0 | 0.0 | 3.0 |
| 17.47 | 5.32 | 637.7 | 2.0 | 0.3 | 41.5 | 47.3 | 3.2 | 4.8 | 36.6 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 785.1 | 7.0 | 0.9 | 42.3 | 48.8 | 3.9 | 5.9 | 46.3 | 0.0 | 0.0 | 6.0 |
| 18.45 | 5.62 | 1161.9 | 16.1 | 1.4 | 43.5 | 50.3 | 5.8 | 8.6 | 71.2 | 0.0 | 0.0 | 6.0 |
| 18.95 | 5.77 | 927.2 | 14.8 | 1.6 | 44.8 | 51.7 | 4.6 | 6.8 | 55.4 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 732.9 | 4.2 | 0.6 | 45.6 | 53.2 | 3.7 | 5.3 | 42.3 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 1223.6 | 10.9 | 0.9 | 46.4 | 54.7 | 4.9 | 7.0 | 74.8 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 787.4 | 13.3 | 1.7 | 47.6 | 56.2 | 3.9 | 5.6 | 45.6 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 677.2 | 2.0 | 0.3 | 48.5 | 57.6 | 3.4 | 4.8 | 38.1 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 657.4 | 2.0 | 0.3 | 48.9 | 59.1 | 3.3 | 4.6 | 36.6 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 712.0 | 2.0 | 0.3 | 49.3 | 60.6 | 3.6 | 5.0 | 40.1 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 686.2 | 2.0 | 0.3 | 49.7 | 62.0 | 3.4 | 4.8 | 38.3 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 658.2 | 2.0 | 0.3 | 50.1 | 63.5 | 3.3 | 4.6 | 36.3 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 14867.2 | 152.0 | 1.0 | 267.5 | 347.0 | 29.7 | 17.8 | 0.0 | 64.5 | 40.0 | 1.0 |
| 118.19 | 36.03 | 14959.9 | 148.4 | 1.0 | 269.0 | 348.5 | 29.9 | 17.9 | 0.0 | 64.6 | 40.0 | 1.0 |
| 118.68 | 36.17 | 20444.3 | 191.3 | 0.9 | 270.4 | 350.0 | 40.9 | 24.3 | 0.0 | 73.5 | 40.0 | 1.0 |
| 119.18 | 36.33 | 22724.3 | 277.6 | 1.2 | 271.9 | 351.4 | 45.4 | 27.0 | 0.0 | 76.5 | 42.0 | 1.0 |
| 119.67 | 36.47 | 24797.3 | 289.1 | 1.2 | 273.3 | 352.9 | 49.6 | 29.4 | 0.0 | 78.9 | 42.0 | 1.0 |
| 120.16 | 36.62 | 26724.5 | 247.8 | 0.9 | 274.8 | 354.4 | 53.4 | 31.6 | 0.0 | 81.0 | 42.0 | 1.0 |
| 120.65 | 36.78 | 10195.4 | 260.2 | 2.6 | 276.2 | 355.9 | 34.0 | 20.0 | 0.0 | 53.3 | 38.0 | 1.0 |
| 121.14 | 36.92 | 3808.4 | 138.7 | 3.6 | 277.4 | 357.3 | 19.0 | 11.2 | 211.6 | 0.0 | 0.0 | 3.0 |
| 121.64 | 37.08 | 4412.5 | 133.7 | 3.0 | 278.7 | 358.8 | 17.7 | 10.3 | 251.7 | 30.0 | 32.0 | 3.0 |
| 122.21 | 37.25 | 10879.1 | 317.2 | 2.9 | 280.1 | 360.5 | 43.5 | 25.4 | 682.6 | 54.9 | 38.0 | 6.0 |
| 122.78 | 37.42 | 7972.7 | 180.3 | 2.3 | 281.6 | 362.2 | 26.6 | 15.5 | 0.0 | 45.9 | 36.0 | 1.0 |
| 123.28 | 37.58 | 3773.8 | 63.2 | 1.7 | 282.9 | 363.7 | 12.6 | 7.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 123.77 | 37.72 | 3264.5 | 41.2 | 1.3 | 284.2 | 365.2 | 10.9 | 6.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 124.26 | 37.88 | 3224.0 | 45.3 | 1.4 | 285.5 | 366.6 | 10.7 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 124.75 | 38.03 | 2928.9 | 27.5 | 0.9 | 286.8 | 368.1 | 9.8 | 5.6 | 0.0 | 30.0 | 30.0 | 1.0 |
| 125.24 | 38.17 | 3018.6 | 26.3 | 0.9 | 288.1 | 369.6 | 10.1 | 5.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 125.74 | 38.33 | 2996.0 | 32.9 | 1.1 | 289.4 | 371.1 | 10.0 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.23 | 38.47 | 2811.8 | 25.2 | 0.9 | 290.7 | 372.5 | 9.4 | 5.4 | 0.0 | 30.0 | 30.0 | 1.0 |
| 126.72 | 38.62 | 2766.1 | 24.8 | 0.9 | 292.0 | 374.0 | 9.2 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 127.21 | 38.78 | 2805.9 | 27.0 | 1.0 | 293.3 | 375.5 | 9.4 | 5.3 | 0.0 | 30.0 | 30.0 | 1.0 |
| 127.71 | 38.92 | 3023.6 | 29.2 | 1.0 | 294.6 | 376.9 | 10.1 | 5.7 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.20 | 39.08 | 3288.7 | 43.6 | 1.3 | 295.9 | 378.4 | 11.0 | 6.2 | 0.0 | 30.0 | 30.0 | 1.0 |
| 128.69 | 39.22 | 5352.2 | 91.0 | 1.7 | 297.2 | 379.9 | 17.8 | 10.1 | 0.0 | 33.7 | 32.0 | 1.0 |
| 129.18 | 39.38 | 5314.8 | 122.7 | 2.3 | 298.5 | 381.4 | 21.3 | 12.0 | 309.0 | 33.5 | 32.0 | 6.0 |
| 129.67 | 39.53 | 17110.7 | 237.6 | 1.4 | 299.8 | 382.8 | 42.8 | 24.2 | 0.0 | 66.9 | 40.0 | 1.0 |
| 130.17 | 39.67 | 8897.9 | 264.5 | 3.0 | 301.1 | 384.3 | 35.6 | 20.1 | 547.5 | 48.1 | 36.0 | 6.0 |
| 130.66 | 39.83 | 4112.3 | 158.1 | 3.8 | 302.3 | 385.8 | 20.6 | 11.6 | 228.3 | 0.0 | 0.0 | 3.0 |
| 131.15 | 39.97 | 3136.0 | 61.8 | 2.0 | 303.5 | 387.2 | 12.5 | 7.0 | 163.0 | 30.0 | 30.0 | 3.0 |
| 131.64 | 40.12 | 3425.4 | 60.8 | 1.8 | 304.8 | 388.7 | 13.7 | 7.7 | 182.1 | 30.0 | 30.0 | 3.0 |
| 132.13 | 40.28 | 2887.7 | 46.8 | 1.6 | 306.0 | 390.2 | 11.6 | 6.5 | 146.1 | 30.0 | 30.0 | 1.5 |
| 132.63 | 40.42 | 2796.9 | 41.2 | 1.5 | 307.2 | 391.7 | 11.2 | 6.2 | 139.9 | 30.0 | 30.0 | 1.5 |
| 133.12 | 40.58 | 2698.4 | 30.5 | 1.1 | 308.5 | 393.1 | 10.8 | 6.0 | 133.1 | 30.0 | 30.0 | 1.5 |
| 133.61 | 40.72 | 2905.5 | 43.3 | 1.5 | 309.7 | 394.6 | 11.6 | 6.5 | 146.7 | 30.0 | 30.0 | 1.5 |
| 134.10 | 40.88 | 5857.7 | 144.9 | 2.5 | 310.9 | 396.1 | 23.4 | 13.0 | 343.4 | 35.7 | 32.0 | 6.0 |
| 134.59 | 41.03 | 18684.7 | 317.0 | 1.7 | 312.2 | 397.6 | 46.7 | 25.9 | 0.0 | 68.9 | 40.0 | 1.0 |
| 135.09 | 41.17 | 24903.5 | 278.7 | 1.1 | 313.6 | 399.0 | 49.8 | 27.5 | 0.0 | 77.0 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4147
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-18-273
 Location: STRUCTURE 18
 Cone: 20 TON A 058
 CPT Date: 00/20/01
 CPT Time: 13:55
 CPT File: 300SC273.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 1193.0 | 39.3 | 3.3 | 1.4 | 0.0 | 8.0 | 15.9 | 79.4 | 0.0 | 0.0 | 10.0 |
| 0.74 | 0.23 | 1065.6 | 32.2 | 3.0 | 4.1 | 0.0 | 7.1 | 14.2 | 70.8 | 0.0 | 0.0 | 10.0 |
| 1.23 | 0.38 | 1953.8 | 67.2 | 3.4 | 6.8 | 0.0 | 9.8 | 19.5 | 129.8 | 0.0 | 0.0 | 10.0 |
| 1.72 | 0.52 | 2550.3 | 121.2 | 4.8 | 9.2 | 0.2 | 25.5 | 51.0 | 169.4 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 1899.0 | 99.4 | 5.2 | 10.3 | 1.7 | 19.0 | 38.0 | 125.8 | 0.0 | 0.0 | 10.0 |
| 2.71 | 0.82 | 1334.2 | 67.8 | 5.1 | 11.5 | 3.2 | 13.3 | 26.7 | 88.0 | 0.0 | 0.0 | 10.0 |
| 3.20 | 0.97 | 2937.9 | 81.4 | 2.8 | 12.7 | 4.7 | 14.7 | 29.4 | 194.7 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 4079.2 | 159.4 | 3.9 | 13.7 | 5.9 | 20.4 | 40.8 | 270.6 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 2236.2 | 109.6 | 4.9 | 14.7 | 7.1 | 22.4 | 44.7 | 147.6 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 2655.6 | 78.2 | 2.9 | 15.9 | 8.6 | 13.3 | 26.6 | 175.4 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 2653.6 | 73.1 | 2.8 | 17.1 | 10.1 | 13.3 | 26.5 | 175.1 | 0.0 | 0.0 | 10.0 |
| 5.50 | 1.67 | 1701.4 | 65.8 | 3.9 | 18.3 | 11.5 | 11.3 | 22.7 | 111.4 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 1625.0 | 55.4 | 3.4 | 19.6 | 13.0 | 10.8 | 21.7 | 106.2 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 1593.3 | 50.9 | 3.2 | 21.0 | 14.7 | 8.0 | 15.9 | 103.8 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 1655.0 | 56.9 | 3.4 | 22.4 | 16.4 | 11.0 | 22.1 | 107.7 | 0.0 | 0.0 | 10.0 |
| 7.63 | 2.33 | 1317.3 | 34.0 | 2.6 | 23.6 | 17.9 | 6.6 | 13.2 | 85.0 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 880.0 | 18.4 | 2.1 | 24.9 | 19.4 | 4.4 | 8.6 | 55.7 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 1258.8 | 23.3 | 1.9 | 26.1 | 20.8 | 6.3 | 12.1 | 80.8 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 1204.3 | 22.6 | 1.9 | 27.3 | 22.3 | 6.0 | 11.3 | 77.0 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 1340.6 | 30.8 | 2.3 | 28.6 | 23.8 | 6.7 | 12.3 | 85.9 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 1396.1 | 33.6 | 2.4 | 29.8 | 25.3 | 7.0 | 12.5 | 89.4 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1429.4 | 35.1 | 2.5 | 31.0 | 26.7 | 7.1 | 12.6 | 91.4 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1615.0 | 51.2 | 3.2 | 32.2 | 28.2 | 8.1 | 13.9 | 103.6 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1780.4 | 64.7 | 3.6 | 33.5 | 29.7 | 11.9 | 20.1 | 114.5 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1588.5 | 49.3 | 3.1 | 34.7 | 31.1 | 7.9 | 13.2 | 101.5 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 3725.2 | 67.1 | 1.8 | 35.9 | 32.6 | 14.9 | 24.3 | 243.8 | 53.6 | 42.0 | 10.0 |
| 13.04 | 3.98 | 2026.6 | 57.1 | 2.8 | 37.2 | 34.1 | 10.1 | 16.3 | 130.4 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 1191.9 | 34.2 | 2.9 | 38.4 | 35.6 | 6.0 | 9.4 | 74.5 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 864.1 | 9.5 | 1.1 | 39.6 | 37.0 | 4.3 | 6.7 | 52.5 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 1180.4 | 25.7 | 2.2 | 40.8 | 38.5 | 5.9 | 9.0 | 73.4 | 0.0 | 0.0 | 6.0 |
| 15.01 | 4.57 | 1255.4 | 29.7 | 2.4 | 42.1 | 40.0 | 6.3 | 9.5 | 78.2 | 0.0 | 0.0 | 6.0 |
| 15.50 | 4.73 | 645.2 | 7.0 | 1.1 | 43.3 | 41.4 | 3.2 | 4.8 | 37.4 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 717.1 | 7.1 | 1.0 | 44.5 | 42.9 | 3.6 | 5.3 | 42.0 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 798.2 | 8.1 | 1.0 | 45.8 | 44.4 | 4.0 | 5.8 | 47.2 | 0.0 | 0.0 | 6.0 |
| 16.98 | 5.18 | 2010.3 | 29.1 | 1.4 | 47.0 | 45.9 | 8.0 | 11.5 | 127.8 | 32.1 | 38.0 | 6.0 |
| 17.47 | 5.32 | 699.9 | 8.5 | 1.2 | 48.2 | 47.3 | 3.5 | 4.9 | 40.3 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 609.4 | 4.7 | 0.8 | 49.0 | 48.8 | 3.0 | 4.3 | 34.1 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 562.9 | 3.1 | 0.5 | 49.4 | 50.3 | 2.8 | 3.9 | 30.9 | 0.0 | 0.0 | 3.0 |
| 18.95 | 5.77 | 736.8 | 10.8 | 1.5 | 50.3 | 51.7 | 3.7 | 5.1 | 42.3 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 1039.8 | 25.7 | 2.5 | 51.5 | 53.2 | 5.2 | 7.1 | 62.3 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 816.2 | 18.5 | 2.3 | 52.7 | 54.7 | 4.1 | 5.5 | 47.3 | 0.0 | 0.0 | 3.0 |
| 20.42 | 6.23 | 699.2 | 8.7 | 1.3 | 53.9 | 56.2 | 3.5 | 4.7 | 39.3 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 1165.1 | 20.2 | 1.7 | 55.2 | 57.6 | 5.8 | 7.7 | 70.2 | 0.0 | 0.0 | 6.0 |
| 21.41 | 6.52 | 587.3 | 8.8 | 1.5 | 56.4 | 59.1 | 2.9 | 3.8 | 31.5 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 577.7 | 2.9 | 0.5 | 57.2 | 60.6 | 2.9 | 3.7 | 30.7 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 553.7 | 2.0 | 0.4 | 57.6 | 62.0 | 2.8 | 3.6 | 28.9 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 964.7 | 7.9 | 0.8 | 58.4 | 63.5 | 3.9 | 4.9 | 56.2 | 30.0 | 32.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 117.70 | 35.88 | 4171.5 | 109.4 | 2.6 | 269.4 | 347.0 | 16.7 | 10.0 | 237.0 | 30.0 | 32.0 | 3.0 |
| 118.19 | 36.03 | 2247.5 | 39.2 | 1.7 | 270.6 | 348.5 | 9.0 | 5.3 | 108.6 | 30.0 | 30.0 | 1.5 |
| 118.68 | 36.17 | 2924.0 | 59.4 | 2.0 | 271.8 | 350.0 | 11.7 | 6.9 | 153.5 | 30.0 | 30.0 | 3.0 |
| 119.18 | 36.33 | 2789.3 | 62.7 | 2.2 | 273.1 | 351.4 | 11.2 | 6.6 | 144.3 | 30.0 | 30.0 | 3.0 |
| 119.67 | 36.47 | 5939.7 | 125.4 | 2.1 | 274.3 | 352.9 | 19.8 | 11.7 | 0.0 | 37.9 | 34.0 | 1.0 |
| 120.16 | 36.62 | 16309.4 | 324.5 | 2.0 | 275.6 | 354.4 | 54.4 | 32.0 | 0.0 | 66.8 | 40.0 | 1.0 |
| 120.65 | 36.78 | 20498.0 | 275.1 | 1.3 | 277.0 | 355.9 | 51.2 | 30.1 | 0.0 | 73.2 | 40.0 | 1.0 |
| 121.14 | 36.92 | 18883.3 | 236.0 | 1.2 | 278.3 | 357.3 | 47.2 | 27.7 | 0.0 | 70.8 | 40.0 | 1.0 |
| 121.64 | 37.08 | 21041.2 | 255.0 | 1.2 | 279.7 | 358.8 | 52.6 | 30.8 | 0.0 | 73.9 | 40.0 | 1.0 |
| 122.21 | 37.25 | 10035.3 | 237.9 | 2.4 | 281.3 | 360.5 | 33.5 | 19.5 | 0.0 | 52.6 | 36.0 | 1.0 |
| 122.78 | 37.42 | 5386.3 | 161.4 | 3.0 | 282.8 | 362.2 | 21.5 | 12.5 | 316.1 | 34.6 | 32.0 | 6.0 |
| 123.28 | 37.58 | 14828.0 | 276.7 | 1.9 | 284.0 | 363.7 | 49.4 | 28.7 | 0.0 | 63.6 | 38.0 | 1.0 |
| 123.77 | 37.72 | 14048.0 | 192.1 | 1.4 | 285.4 | 365.2 | 35.1 | 20.3 | 0.0 | 62.0 | 38.0 | 1.0 |
| 124.26 | 37.88 | 5312.6 | 156.3 | 2.9 | 286.7 | 366.6 | 21.3 | 12.3 | 310.6 | 34.1 | 32.0 | 6.0 |
| 124.75 | 38.03 | 4275.9 | 104.5 | 2.4 | 287.9 | 368.1 | 17.1 | 9.9 | 241.3 | 30.0 | 32.0 | 3.0 |
| 125.24 | 38.17 | 4830.3 | 137.4 | 2.8 | 289.1 | 369.6 | 19.3 | 11.1 | 278.1 | 31.2 | 32.0 | 3.0 |
| 125.74 | 38.33 | 4683.4 | 198.6 | 4.2 | 290.4 | 371.1 | 23.4 | 13.4 | 268.1 | 0.0 | 0.0 | 3.0 |
| 126.23 | 38.47 | 3735.9 | 136.7 | 3.7 | 291.6 | 372.5 | 18.7 | 10.7 | 204.8 | 0.0 | 0.0 | 3.0 |
| 126.72 | 38.62 | 3596.2 | 124.0 | 3.4 | 292.8 | 374.0 | 18.0 | 10.3 | 195.3 | 0.0 | 0.0 | 3.0 |
| 127.21 | 38.78 | 3369.6 | 97.2 | 2.9 | 294.0 | 375.5 | 16.8 | 9.6 | 180.0 | 0.0 | 0.0 | 3.0 |
| 127.71 | 38.92 | 3140.1 | 90.0 | 2.9 | 295.3 | 376.9 | 15.7 | 8.9 | 164.5 | 0.0 | 0.0 | 3.0 |
| 128.20 | 39.08 | 2781.0 | 75.0 | 2.7 | 296.5 | 378.4 | 13.9 | 7.9 | 140.4 | 0.0 | 0.0 | 1.5 |
| 128.69 | 39.22 | 2632.9 | 51.4 | 2.0 | 297.7 | 379.9 | 10.5 | 6.0 | 130.4 | 30.0 | 30.0 | 1.5 |
| 129.18 | 39.38 | 2876.8 | 49.5 | 1.7 | 299.0 | 381.4 | 11.5 | 6.5 | 146.4 | 30.0 | 30.0 | 1.5 |
| 129.67 | 39.53 | 2882.6 | 47.8 | 1.7 | 300.2 | 382.8 | 11.5 | 6.5 | 146.6 | 30.0 | 30.0 | 1.5 |
| 130.17 | 39.67 | 2900.4 | 51.5 | 1.8 | 301.4 | 384.3 | 11.6 | 6.5 | 147.6 | 30.0 | 30.0 | 1.5 |
| 130.66 | 39.83 | 2935.4 | 64.4 | 2.2 | 302.6 | 385.8 | 11.7 | 6.6 | 149.8 | 30.0 | 30.0 | 1.5 |
| 131.15 | 39.97 | 2714.2 | 52.1 | 1.9 | 303.9 | 387.2 | 10.9 | 6.1 | 134.9 | 30.0 | 30.0 | 1.5 |
| 131.64 | 40.12 | 2445.4 | 46.6 | 1.9 | 305.1 | 388.7 | 9.8 | 5.5 | 116.8 | 30.0 | 30.0 | 1.5 |
| 132.13 | 40.28 | 1845.0 | 35.9 | 1.9 | 306.3 | 390.2 | 7.4 | 4.1 | 76.6 | 30.0 | 30.0 | 1.0 |
| 132.63 | 40.42 | 2442.2 | 40.3 | 1.7 | 307.6 | 391.7 | 9.8 | 5.5 | 116.2 | 30.0 | 30.0 | 1.5 |
| 133.12 | 40.58 | 5028.0 | 124.3 | 2.5 | 308.8 | 393.1 | 20.1 | 11.2 | 288.4 | 31.4 | 32.0 | 3.0 |
| 133.61 | 40.72 | 4973.7 | 148.9 | 3.0 | 310.0 | 394.6 | 19.9 | 11.1 | 284.6 | 31.0 | 32.0 | 3.0 |
| 134.10 | 40.88 | 3008.6 | 85.2 | 2.8 | 311.2 | 396.1 | 15.0 | 8.3 | 153.4 | 0.0 | 0.0 | 1.5 |
| 134.59 | 41.03 | 2792.7 | 40.0 | 1.4 | 312.5 | 397.6 | 11.2 | 6.2 | 138.8 | 30.0 | 30.0 | 1.5 |
| 135.09 | 41.17 | 4415.3 | 87.6 | 2.0 | 313.7 | 399.0 | 17.7 | 9.8 | 246.8 | 30.0 | 30.0 | 3.0 |
| 135.58 | 41.33 | 11892.7 | 188.1 | 1.6 | 315.0 | 400.5 | 29.7 | 16.4 | 0.0 | 55.8 | 38.0 | 1.0 |
| 136.07 | 41.47 | 3266.8 | 111.6 | 3.4 | 316.3 | 402.0 | 16.3 | 9.0 | 169.9 | 0.0 | 0.0 | 3.0 |
| 136.56 | 41.62 | 2625.9 | 37.4 | 1.4 | 317.5 | 403.4 | 10.5 | 5.8 | 127.0 | 30.0 | 30.0 | 1.5 |
| 137.06 | 41.78 | 2714.0 | 39.1 | 1.4 | 318.8 | 404.9 | 10.9 | 6.0 | 132.7 | 30.0 | 30.0 | 1.5 |
| 137.55 | 41.92 | 4844.8 | 111.2 | 2.3 | 320.0 | 406.4 | 19.4 | 10.6 | 274.6 | 30.0 | 32.0 | 3.0 |
| 138.04 | 42.08 | 20512.7 | 269.9 | 1.3 | 321.3 | 407.9 | 51.3 | 28.0 | 0.0 | 71.1 | 40.0 | 1.0 |
| 138.53 | 42.22 | 12240.6 | 313.9 | 2.6 | 322.6 | 409.3 | 40.8 | 22.2 | 0.0 | 56.3 | 38.0 | 1.0 |
| 139.02 | 42.38 | 4340.7 | 170.6 | 3.9 | 323.9 | 410.8 | 21.7 | 11.8 | 240.4 | 0.0 | 0.0 | 3.0 |
| 139.52 | 42.53 | 2528.8 | 38.9 | 1.5 | 325.1 | 412.3 | 10.1 | 5.5 | 119.4 | 30.0 | 30.0 | 1.5 |
| 140.01 | 42.67 | 2972.6 | 67.7 | 2.3 | 326.4 | 413.7 | 11.9 | 6.4 | 148.8 | 30.0 | 30.0 | 1.5 |
| 140.50 | 42.83 | 3971.5 | 122.2 | 3.1 | 327.6 | 415.2 | 19.9 | 10.7 | 215.2 | 0.0 | 0.0 | 3.0 |
| 140.99 | 42.97 | 5684.1 | 148.1 | 2.6 | 328.8 | 416.7 | 22.7 | 12.3 | 329.2 | 34.0 | 32.0 | 6.0 |
| 141.48 | 43.12 | 3547.6 | 99.3 | 2.8 | 330.0 | 418.2 | 14.2 | 7.6 | 186.6 | 30.0 | 30.0 | 3.0 |
| 141.98 | 43.28 | 7781.4 | 135.6 | 1.7 | 331.3 | 419.6 | 25.9 | 13.9 | 0.0 | 42.9 | 34.0 | 1.0 |
| 142.47 | 43.42 | 18346.3 | 203.2 | 1.1 | 332.7 | 421.1 | 36.7 | 19.7 | 0.0 | 67.4 | 40.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4196
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-19-275
 Location: STRUCTURE 19
 Cone: 20 TON A 070
 CPT Date: 00/02/02
 CPT Time: 08:38
 CPT File: 300SC275.COR

 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 0.0 | 0.0 | 0.0 | 10.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.21 | 0.68 | 0.0 | 0.0 | 0.0 | 11.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 12.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.20 | 0.97 | 0.0 | 0.0 | 0.0 | 14.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 3.61 | 1.10 | 0.0 | 0.0 | 0.0 | 15.6 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.02 | 1.22 | 0.0 | 0.0 | 0.0 | 16.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 4.51 | 1.38 | 0.0 | 0.0 | 0.0 | 18.2 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.00 | 1.53 | 0.0 | 0.0 | 0.0 | 19.7 | 10.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.50 | 1.67 | 0.0 | 0.0 | 0.0 | 21.1 | 11.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 5.99 | 1.83 | 0.0 | 0.0 | 0.0 | 22.6 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 6.56 | 2.00 | 0.0 | 0.0 | 0.0 | 24.3 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.14 | 2.17 | 0.0 | 0.0 | 0.0 | 26.0 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 7.63 | 2.33 | 0.0 | 0.0 | 0.0 | 27.4 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.12 | 2.47 | 0.0 | 0.0 | 0.0 | 28.9 | 19.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8.61 | 2.62 | 0.0 | 0.0 | 0.0 | 30.3 | 20.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.10 | 2.78 | 0.0 | 0.0 | 0.0 | 31.8 | 22.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9.60 | 2.92 | 0.0 | 0.0 | 0.0 | 33.2 | 23.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 10.09 | 3.08 | 0.0 | 0.0 | 0.0 | 34.7 | 25.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 10.58 | 3.22 | 0.0 | 0.0 | 0.0 | 36.2 | 26.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 11.07 | 3.38 | 0.0 | 0.0 | 0.0 | 37.6 | 28.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 11.56 | 3.53 | 0.0 | 0.0 | 0.0 | 39.1 | 29.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 12.06 | 3.67 | 0.0 | 0.0 | 0.0 | 40.5 | 31.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 12.55 | 3.83 | 0.0 | 0.0 | 0.0 | 42.0 | 32.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 13.04 | 3.98 | 0.0 | 0.0 | 0.0 | 43.4 | 34.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 13.53 | 4.12 | 0.0 | 0.0 | 0.0 | 44.9 | 35.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 14.03 | 4.27 | 0.0 | 0.0 | 0.0 | 46.3 | 37.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 14.52 | 4.43 | 0.0 | 0.0 | 0.0 | 47.8 | 38.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 15.01 | 4.57 | 0.0 | 0.0 | 0.0 | 49.2 | 40.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 15.50 | 4.73 | 0.0 | 0.0 | 0.0 | 50.7 | 41.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 15.99 | 4.88 | 0.0 | 0.0 | 0.0 | 52.1 | 42.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 16.49 | 5.02 | 0.0 | 0.0 | 0.0 | 53.6 | 44.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 16.98 | 5.18 | 0.0 | 0.0 | 0.0 | 55.1 | 45.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 17.47 | 5.32 | 0.0 | 0.0 | 0.0 | 56.5 | 47.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 17.96 | 5.48 | 0.0 | 0.0 | 0.0 | 58.0 | 48.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 18.45 | 5.62 | 0.0 | 0.0 | 0.0 | 59.4 | 50.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 18.95 | 5.77 | 0.0 | 0.0 | 0.0 | 60.9 | 51.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 19.44 | 5.93 | 0.0 | 0.0 | 0.0 | 62.3 | 53.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 19.93 | 6.07 | 0.0 | 0.0 | 0.0 | 63.8 | 54.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 20.42 | 6.23 | 0.0 | 0.0 | 0.0 | 65.2 | 56.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 20.92 | 6.38 | 0.0 | 0.0 | 0.0 | 66.7 | 57.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 21.41 | 6.52 | 0.0 | 0.0 | 0.0 | 68.1 | 59.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 21.90 | 6.68 | 0.0 | 0.0 | 0.0 | 69.6 | 60.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 22.39 | 6.82 | 0.0 | 0.0 | 0.0 | 71.0 | 62.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 22.88 | 6.98 | 0.0 | 0.0 | 0.0 | 72.5 | 63.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 117.70 | 35.88 | 7292.6 | 364.5 | 5.0 | 317.5 | 347.0 | 72.9 | 40.1 | 0.0 | 41.7 | 34.0 | 1.0 |
| 118.19 | 36.03 | 5723.7 | 125.1 | 2.2 | 318.9 | 348.5 | 22.9 | 12.5 | 337.1 | 34.7 | 32.0 | 6.0 |
| 118.68 | 36.17 | 2611.2 | 53.0 | 2.0 | 320.2 | 350.0 | 10.4 | 5.7 | 129.4 | 30.0 | 30.0 | 1.5 |
| 119.18 | 36.33 | 2309.9 | 29.3 | 1.3 | 321.4 | 351.4 | 9.2 | 5.0 | 109.1 | 30.0 | 30.0 | 1.5 |
| 119.67 | 36.47 | 2472.8 | 38.7 | 1.6 | 322.6 | 352.9 | 9.9 | 5.4 | 119.8 | 30.0 | 30.0 | 1.5 |
| 120.16 | 36.62 | 10622.0 | 98.1 | 0.9 | 323.9 | 354.4 | 26.6 | 14.4 | 0.0 | 52.2 | 36.0 | 1.0 |
| 120.65 | 36.78 | 23533.8 | 95.5 | 0.4 | 325.4 | 355.9 | 39.2 | 21.3 | 0.0 | 74.9 | 40.0 | 1.0 |
| 121.14 | 36.92 | 23289.1 | 101.4 | 0.4 | 326.9 | 357.3 | 38.8 | 21.0 | 0.0 | 74.5 | 40.0 | 1.0 |
| 121.64 | 37.08 | 21186.3 | 86.8 | 0.4 | 328.4 | 358.8 | 42.4 | 22.9 | 0.0 | 71.8 | 40.0 | 1.0 |
| 122.21 | 37.25 | 21448.9 | 91.8 | 0.4 | 330.1 | 360.5 | 42.9 | 23.1 | 0.0 | 72.0 | 40.0 | 1.0 |
| 122.78 | 37.42 | 23127.9 | 81.5 | 0.4 | 331.8 | 362.2 | 38.5 | 20.7 | 0.0 | 74.1 | 40.0 | 1.0 |
| 123.28 | 37.58 | 22986.2 | 76.1 | 0.3 | 333.3 | 363.7 | 38.3 | 20.5 | 0.0 | 73.9 | 40.0 | 1.0 |
| 123.77 | 37.72 | 21122.2 | 52.0 | 0.2 | 334.9 | 365.2 | 35.2 | 18.8 | 0.0 | 71.4 | 40.0 | 1.0 |
| 124.26 | 37.88 | 20722.3 | 72.9 | 0.4 | 336.4 | 366.6 | 41.4 | 22.1 | 0.0 | 70.8 | 40.0 | 1.0 |
| 124.75 | 38.03 | 20282.8 | 99.2 | 0.5 | 337.8 | 368.1 | 40.6 | 21.6 | 0.0 | 70.1 | 40.0 | 1.0 |
| 125.24 | 38.17 | 21184.8 | 86.4 | 0.4 | 339.3 | 369.6 | 42.4 | 22.5 | 0.0 | 71.3 | 40.0 | 1.0 |
| 125.74 | 38.33 | 18985.4 | 92.7 | 0.5 | 340.7 | 371.1 | 38.0 | 20.1 | 0.0 | 68.1 | 40.0 | 1.0 |
| 126.23 | 38.47 | 17657.4 | 121.7 | 0.7 | 342.2 | 372.5 | 35.3 | 18.7 | 0.0 | 65.9 | 38.0 | 1.0 |
| 126.72 | 38.62 | 17770.0 | 101.1 | 0.6 | 343.6 | 374.0 | 35.5 | 18.8 | 0.0 | 66.1 | 38.0 | 1.0 |
| 127.21 | 38.78 | 14748.4 | 116.7 | 0.8 | 345.1 | 375.5 | 29.5 | 15.5 | 0.0 | 60.7 | 38.0 | 1.0 |
| 127.71 | 38.92 | 9815.7 | 210.9 | 2.1 | 346.5 | 376.9 | 32.7 | 17.2 | 0.0 | 48.9 | 36.0 | 1.0 |
| 128.20 | 39.08 | 11582.9 | 131.7 | 1.1 | 347.8 | 378.4 | 29.0 | 15.2 | 0.0 | 53.6 | 36.0 | 1.0 |
| 128.69 | 39.22 | 14622.0 | 87.8 | 0.6 | 349.2 | 379.9 | 29.2 | 15.3 | 0.0 | 60.2 | 38.0 | 1.0 |
| 129.18 | 39.38 | 10763.0 | 228.4 | 2.1 | 350.6 | 381.4 | 35.9 | 18.8 | 0.0 | 51.4 | 36.0 | 1.0 |
| 129.67 | 39.53 | 7292.5 | 406.5 | 5.6 | 352.1 | 382.8 | 72.9 | 38.0 | 0.0 | 40.2 | 32.0 | 1.0 |
| 130.17 | 39.67 | 5089.4 | 292.3 | 5.7 | 353.7 | 384.3 | 50.9 | 26.5 | 0.0 | 30.0 | 32.0 | 1.0 |
| 130.66 | 39.83 | 6544.3 | 252.6 | 3.9 | 355.1 | 385.8 | 32.7 | 17.0 | 386.9 | 0.0 | 0.0 | 6.0 |
| 131.15 | 39.97 | 7872.1 | 185.6 | 2.4 | 356.3 | 387.2 | 26.2 | 13.6 | 0.0 | 42.2 | 34.0 | 1.0 |
| 131.64 | 40.12 | 6953.6 | 278.1 | 4.0 | 357.6 | 388.7 | 34.8 | 18.0 | 413.8 | 0.0 | 0.0 | 6.0 |
| 132.13 | 40.28 | 9516.2 | 272.5 | 2.9 | 358.8 | 390.2 | 38.1 | 19.7 | 584.5 | 47.5 | 34.0 | 6.0 |
| 132.63 | 40.42 | 13003.1 | 248.6 | 1.9 | 360.1 | 391.7 | 43.3 | 22.4 | 0.0 | 56.4 | 38.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4234
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-19-277
 Location: STRUCTURE 19
 Cone: 20 TON A 070
 CPT Date: 00/31/01
 CPT Time: 14:01
 CPT File: 300SC277.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 2388.8 | 2.0 | 0.1 | 1.4 | 0.0 | 8.0 | 15.9 | 0.0 | 87.5 | 50.0 | 1.0 |
| 0.74 | 0.23 | 5639.9 | 2.0 | 0.0 | 4.2 | 0.0 | 14.1 | 28.2 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.23 | 0.38 | 3950.4 | 2.0 | 0.1 | 7.0 | 0.0 | 9.9 | 19.8 | 0.0 | 78.7 | 50.0 | 1.0 |
| 1.72 | 0.52 | 1274.6 | 2.0 | 0.2 | 9.6 | 0.2 | 5.1 | 10.2 | 84.3 | 41.8 | 44.0 | 10.0 |
| 2.21 | 0.68 | 2234.1 | 2.0 | 0.1 | 10.8 | 1.7 | 7.4 | 14.9 | 0.0 | 56.2 | 46.0 | 1.0 |
| 2.71 | 0.82 | 3082.8 | 2.0 | 0.1 | 12.1 | 3.2 | 10.3 | 20.6 | 0.0 | 63.8 | 46.0 | 1.0 |
| 3.20 | 0.97 | 558.6 | 2.0 | 0.4 | 13.0 | 4.7 | 2.8 | 5.6 | 36.1 | 0.0 | 0.0 | 6.0 |
| 3.61 | 1.10 | 237.5 | 2.0 | 0.8 | 13.3 | 5.9 | 1.2 | 2.4 | 14.6 | 0.0 | 0.0 | 6.0 |
| 4.02 | 1.22 | 415.0 | 2.0 | 0.5 | 13.7 | 7.1 | 2.1 | 4.2 | 26.3 | 0.0 | 0.0 | 6.0 |
| 4.51 | 1.38 | 566.9 | 2.0 | 0.4 | 14.1 | 8.6 | 2.8 | 5.7 | 36.3 | 0.0 | 0.0 | 6.0 |
| 5.00 | 1.53 | 247.6 | 2.0 | 0.8 | 14.5 | 10.1 | 1.2 | 2.5 | 14.9 | 0.0 | 0.0 | 6.0 |
| 5.50 | 1.67 | 229.0 | 2.0 | 0.9 | 14.9 | 11.5 | 1.1 | 2.3 | 13.5 | 0.0 | 0.0 | 3.0 |
| 5.99 | 1.83 | 218.1 | 2.0 | 0.9 | 15.3 | 13.0 | 1.1 | 2.2 | 12.7 | 0.0 | 0.0 | 3.0 |
| 6.56 | 2.00 | 379.3 | 2.0 | 0.5 | 15.8 | 14.7 | 1.9 | 3.8 | 23.3 | 0.0 | 0.0 | 6.0 |
| 7.14 | 2.17 | 554.3 | 2.0 | 0.4 | 16.2 | 16.4 | 2.8 | 5.5 | 34.8 | 0.0 | 0.0 | 6.0 |
| 7.63 | 2.33 | 544.5 | 2.0 | 0.4 | 16.6 | 17.9 | 2.7 | 5.4 | 34.0 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 460.8 | 2.0 | 0.4 | 17.0 | 19.4 | 2.3 | 4.6 | 28.3 | 0.0 | 0.0 | 6.0 |
| 8.61 | 2.62 | 405.0 | 2.0 | 0.5 | 17.4 | 20.8 | 2.0 | 4.1 | 24.4 | 0.0 | 0.0 | 6.0 |
| 9.10 | 2.78 | 346.1 | 2.0 | 0.6 | 17.8 | 22.3 | 1.7 | 3.5 | 20.4 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 557.0 | 2.0 | 0.4 | 18.2 | 23.8 | 2.8 | 5.6 | 34.3 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 529.9 | 2.0 | 0.4 | 18.7 | 25.3 | 2.6 | 5.3 | 32.4 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 565.4 | 2.0 | 0.4 | 19.1 | 26.7 | 2.8 | 5.7 | 34.6 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1820.6 | 2.0 | 0.1 | 19.9 | 28.2 | 6.1 | 12.1 | 0.0 | 41.6 | 42.0 | 1.0 |
| 11.56 | 3.53 | 1446.3 | 2.0 | 0.1 | 21.2 | 29.7 | 5.8 | 11.6 | 93.0 | 34.1 | 40.0 | 10.0 |
| 12.06 | 3.67 | 5111.1 | 81.5 | 1.6 | 22.4 | 31.1 | 17.0 | 34.1 | 0.0 | 69.5 | 46.0 | 1.0 |
| 12.55 | 3.83 | 5302.3 | 2.0 | 0.0 | 23.8 | 32.6 | 13.3 | 26.5 | 0.0 | 69.7 | 46.0 | 1.0 |
| 13.04 | 3.98 | 2585.8 | 8.4 | 0.3 | 25.1 | 34.1 | 8.6 | 16.8 | 0.0 | 48.3 | 42.0 | 1.0 |
| 13.53 | 4.12 | 658.2 | 3.2 | 0.5 | 26.0 | 35.6 | 3.3 | 6.3 | 39.8 | 0.0 | 0.0 | 6.0 |
| 14.03 | 4.27 | 902.2 | 2.0 | 0.2 | 26.8 | 37.0 | 3.6 | 6.8 | 55.9 | 30.0 | 36.0 | 6.0 |
| 14.52 | 4.43 | 4293.8 | 21.8 | 0.5 | 28.1 | 38.5 | 10.7 | 19.8 | 0.0 | 61.2 | 44.0 | 1.0 |
| 15.01 | 4.57 | 4479.1 | 54.5 | 1.2 | 29.4 | 40.0 | 14.9 | 26.9 | 0.0 | 61.8 | 44.0 | 1.0 |
| 15.50 | 4.73 | 4117.5 | 9.3 | 0.2 | 30.8 | 41.4 | 10.3 | 18.2 | 0.0 | 58.7 | 44.0 | 1.0 |
| 15.99 | 4.88 | 979.7 | 2.0 | 0.2 | 32.1 | 42.9 | 3.9 | 6.8 | 60.3 | 30.0 | 36.0 | 6.0 |
| 16.49 | 5.02 | 911.6 | 2.0 | 0.2 | 33.3 | 44.4 | 3.6 | 6.2 | 55.6 | 30.0 | 34.0 | 6.0 |
| 16.98 | 5.18 | 1319.3 | 3.0 | 0.2 | 34.5 | 45.9 | 5.3 | 8.8 | 82.6 | 30.0 | 38.0 | 6.0 |
| 17.47 | 5.32 | 965.3 | 3.2 | 0.3 | 35.8 | 47.3 | 3.9 | 6.3 | 58.8 | 30.0 | 34.0 | 6.0 |
| 17.96 | 5.48 | 1258.8 | 4.2 | 0.3 | 37.0 | 48.8 | 5.0 | 8.1 | 78.2 | 30.0 | 36.0 | 6.0 |
| 18.45 | 5.62 | 1392.5 | 3.2 | 0.2 | 38.2 | 50.3 | 5.6 | 8.8 | 86.9 | 30.0 | 38.0 | 6.0 |
| 18.95 | 5.77 | 2141.7 | 41.8 | 2.0 | 39.5 | 51.7 | 8.6 | 13.3 | 136.7 | 36.4 | 40.0 | 6.0 |
| 19.44 | 5.93 | 1442.8 | 45.9 | 3.2 | 40.7 | 53.2 | 9.6 | 14.8 | 89.9 | 0.0 | 0.0 | 6.0 |
| 19.93 | 6.07 | 993.9 | 3.2 | 0.3 | 41.9 | 54.7 | 4.0 | 6.0 | 59.8 | 30.0 | 34.0 | 6.0 |
| 20.42 | 6.23 | 1041.4 | 2.0 | 0.2 | 43.1 | 56.2 | 4.2 | 6.2 | 62.8 | 30.0 | 34.0 | 6.0 |
| 20.92 | 6.38 | 732.1 | 2.0 | 0.3 | 44.0 | 57.6 | 3.7 | 5.4 | 42.0 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 729.5 | 2.0 | 0.3 | 44.4 | 59.1 | 3.6 | 5.4 | 41.7 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 749.1 | 2.0 | 0.3 | 44.8 | 60.6 | 3.7 | 5.5 | 42.9 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 788.6 | 2.0 | 0.3 | 45.2 | 62.0 | 3.9 | 5.7 | 45.4 | 0.0 | 0.0 | 6.0 |
| 22.88 | 6.98 | 772.1 | 2.0 | 0.3 | 45.6 | 63.5 | 3.9 | 5.6 | 44.2 | 0.0 | 0.0 | 3.0 |

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|---------------|--------------|----------------|----------------|--------------|-------------------|-------------------|-------------------|--------|-------------|-----------|---------------|----------------|
| 86.20 | 26.28 | 23812.9 | 56.8 | 0.2 | 208.6 | 252.9 | 39.7 | 26.9 | 0.0 | 81.6 | 42.0 | 1.0 |
| 86.70 | 26.42 | 27429.5 | 80.9 | 0.3 | 210.2 | 254.3 | 45.7 | 30.9 | 0.0 | 85.6 | 44.0 | 1.0 |
| 87.19 | 26.58 | 35862.6 | 103.8 | 0.3 | 211.7 | 255.8 | 59.8 | 40.2 | 0.0 | 93.1 | 44.0 | 1.0 |
| 87.68 | 26.72 | 37850.8 | 68.0 | 0.2 | 213.2 | 257.3 | 63.1 | 42.3 | 0.0 | 94.6 | 44.0 | 1.0 |
| 88.17 | 26.88 | 36254.9 | 99.4 | 0.3 | 214.7 | 258.7 | 60.4 | 40.4 | 0.0 | 93.2 | 44.0 | 1.0 |
| 88.66 | 27.03 | 47861.8 | 119.3 | 0.2 | 216.3 | 260.2 | 79.8 | 53.1 | 0.0 | 95.0 | 46.0 | 1.0 |
| 89.16 | 27.17 | 44567.4 | 205.8 | 0.5 | 217.8 | 261.7 | 74.3 | 49.3 | 0.0 | 95.0 | 46.0 | 1.0 |
| 89.65 | 27.33 | 34257.9 | 160.8 | 0.5 | 219.3 | 263.2 | 57.1 | 37.7 | 0.0 | 91.3 | 44.0 | 1.0 |
| 90.14 | 27.47 | 14287.2 | 322.9 | 2.3 | 220.7 | 264.6 | 47.6 | 31.4 | 0.0 | 66.2 | 40.0 | 1.0 |
| 90.63 | 27.62 | 10661.5 | 421.3 | 4.0 | 222.0 | 266.1 | 53.3 | 35.0 | 678.2 | 0.0 | 0.0 | 6.0 |
| 91.12 | 27.78 | 3805.2 | 122.2 | 3.2 | 223.2 | 267.6 | 19.0 | 12.5 | 221.0 | 0.0 | 0.0 | 3.0 |
| 91.62 | 27.92 | 2593.8 | 39.7 | 1.5 | 224.5 | 269.0 | 10.4 | 6.8 | 140.0 | 30.0 | 30.0 | 3.0 |
| 92.11 | 28.08 | 2695.7 | 39.0 | 1.4 | 225.7 | 270.5 | 10.8 | 7.0 | 146.6 | 30.0 | 30.0 | 3.0 |
| 92.60 | 28.22 | 3065.7 | 44.6 | 1.5 | 226.9 | 272.0 | 12.3 | 8.0 | 171.1 | 30.0 | 30.0 | 3.0 |
| 93.09 | 28.38 | 3208.9 | 47.6 | 1.5 | 228.1 | 273.5 | 12.8 | 8.3 | 180.5 | 30.0 | 30.0 | 3.0 |
| 93.58 | 28.53 | 3157.8 | 37.6 | 1.2 | 229.4 | 274.9 | 10.5 | 6.8 | 0.0 | 30.0 | 30.0 | 1.0 |
| 94.08 | 28.67 | 3182.4 | 54.4 | 1.7 | 230.7 | 276.4 | 12.7 | 8.2 | 178.4 | 30.0 | 30.0 | 3.0 |
| 94.57 | 28.83 | 3040.5 | 48.0 | 1.6 | 231.9 | 277.9 | 12.2 | 7.8 | 168.7 | 30.0 | 30.0 | 3.0 |
| 95.06 | 28.97 | 2541.7 | 32.9 | 1.3 | 233.1 | 279.3 | 10.2 | 6.5 | 135.3 | 30.0 | 30.0 | 3.0 |
| 95.55 | 29.12 | 14356.4 | 57.6 | 0.4 | 234.5 | 280.8 | 28.7 | 18.4 | 0.0 | 65.4 | 40.0 | 1.0 |
| 96.05 | 29.28 | 24214.9 | 33.2 | 0.1 | 236.0 | 282.3 | 40.4 | 25.7 | 0.0 | 80.3 | 42.0 | 1.0 |
| 96.54 | 29.42 | 19851.8 | 87.6 | 0.4 | 237.5 | 283.8 | 39.7 | 25.2 | 0.0 | 74.5 | 42.0 | 1.0 |
| 97.03 | 29.58 | 24516.1 | 104.2 | 0.4 | 238.9 | 285.2 | 40.9 | 25.9 | 0.0 | 80.5 | 42.0 | 1.0 |
| 97.52 | 29.72 | 25333.2 | 37.9 | 0.1 | 240.5 | 286.7 | 42.2 | 26.6 | 0.0 | 81.3 | 42.0 | 1.0 |
| 98.01 | 29.88 | 23647.4 | 34.2 | 0.1 | 242.0 | 288.2 | 39.4 | 24.8 | 0.0 | 79.3 | 42.0 | 1.0 |
| 98.51 | 30.03 | 19836.6 | 42.4 | 0.2 | 243.5 | 289.6 | 39.7 | 24.9 | 0.0 | 74.2 | 42.0 | 1.0 |
| 99.00 | 30.17 | 21751.1 | 76.7 | 0.4 | 245.0 | 291.1 | 43.5 | 27.2 | 0.0 | 76.7 | 42.0 | 1.0 |
| 99.49 | 30.33 | 28889.8 | 176.0 | 0.6 | 246.4 | 292.6 | 57.8 | 36.0 | 0.0 | 84.8 | 42.0 | 1.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4278
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-19-278
 Location: STRUCTURE 19
 Cone: 20 TON A 092
 CPT Date: 00/14/02
 CPT Time: 11:39
 CPT File: 300SC278.COR

Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method: Robertson and Campanella, 1983
 Dr Method: Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.23 | 0.38 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1.72 | 0.52 | 920.5 | 14.3 | 1.5 | 9.9 | 0.2 | 4.6 | 9.2 | 60.7 | 0.0 | 0.0 | 10.0 |
| 2.21 | 0.68 | 11065.0 | 46.8 | 0.4 | 11.2 | 1.7 | 22.1 | 44.3 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.71 | 0.82 | 9283.3 | 226.5 | 2.4 | 12.6 | 3.2 | 30.9 | 61.9 | 0.0 | 94.8 | 50.0 | 1.0 |
| 3.20 | 0.97 | 3839.7 | 128.8 | 3.4 | 13.9 | 4.7 | 19.2 | 38.4 | 254.7 | 0.0 | 0.0 | 10.0 |
| 3.61 | 1.10 | 1861.1 | 56.8 | 3.1 | 14.9 | 5.9 | 9.3 | 18.6 | 122.7 | 0.0 | 0.0 | 10.0 |
| 4.02 | 1.22 | 1448.4 | 32.9 | 2.3 | 15.9 | 7.1 | 7.2 | 14.5 | 95.0 | 0.0 | 0.0 | 10.0 |
| 4.51 | 1.38 | 1423.7 | 32.6 | 2.3 | 17.1 | 8.6 | 7.1 | 14.2 | 93.2 | 0.0 | 0.0 | 10.0 |
| 5.00 | 1.53 | 5623.7 | 112.2 | 2.0 | 18.4 | 10.1 | 18.7 | 37.5 | 0.0 | 75.0 | 46.0 | 1.0 |
| 5.50 | 1.67 | 8611.5 | 157.6 | 1.8 | 19.7 | 11.5 | 28.7 | 57.4 | 0.0 | 86.3 | 48.0 | 1.0 |
| 5.99 | 1.83 | 6836.1 | 142.5 | 2.1 | 21.0 | 13.0 | 22.8 | 45.6 | 0.0 | 78.7 | 48.0 | 1.0 |
| 6.56 | 2.00 | 1541.6 | 64.9 | 4.2 | 22.4 | 14.7 | 15.4 | 30.8 | 100.3 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 2295.0 | 56.2 | 2.4 | 23.8 | 16.4 | 9.2 | 18.4 | 150.3 | 45.6 | 42.0 | 10.0 |
| 7.63 | 2.33 | 1481.5 | 30.8 | 2.1 | 25.0 | 17.9 | 7.4 | 14.5 | 95.9 | 0.0 | 0.0 | 6.0 |
| 8.12 | 2.47 | 1569.3 | 27.5 | 1.8 | 26.3 | 19.4 | 6.3 | 12.0 | 101.6 | 33.3 | 40.0 | 6.0 |
| 8.61 | 2.62 | 2643.7 | 19.2 | 0.7 | 27.5 | 20.8 | 8.8 | 16.4 | 0.0 | 47.6 | 42.0 | 1.0 |
| 9.10 | 2.78 | 2233.5 | 11.0 | 0.5 | 28.8 | 22.3 | 7.4 | 13.6 | 0.0 | 42.1 | 40.0 | 1.0 |
| 9.60 | 2.92 | 644.7 | 11.3 | 1.8 | 30.1 | 23.8 | 3.2 | 5.7 | 39.4 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 685.7 | 20.5 | 3.0 | 31.3 | 25.3 | 6.9 | 12.0 | 41.9 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 1073.3 | 33.4 | 3.1 | 32.5 | 26.7 | 7.2 | 12.3 | 67.6 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 1027.9 | 39.7 | 3.9 | 33.7 | 28.2 | 10.3 | 17.3 | 64.4 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 1121.9 | 40.0 | 3.6 | 34.8 | 29.7 | 11.2 | 18.6 | 70.5 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 1085.7 | 44.4 | 4.1 | 36.0 | 31.1 | 10.9 | 17.7 | 67.9 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 1124.2 | 43.7 | 3.9 | 37.1 | 32.6 | 11.2 | 18.1 | 70.3 | 0.0 | 0.0 | 6.0 |
| 13.04 | 3.98 | 1777.9 | 53.7 | 3.0 | 38.3 | 34.1 | 8.9 | 14.1 | 113.7 | 0.0 | 0.0 | 6.0 |
| 13.53 | 4.12 | 2563.3 | 54.2 | 2.1 | 39.6 | 35.6 | 10.3 | 16.0 | 165.9 | 41.5 | 40.0 | 10.0 |
| 14.03 | 4.27 | 1900.5 | 68.4 | 3.6 | 40.8 | 37.0 | 12.7 | 19.4 | 121.5 | 0.0 | 0.0 | 6.0 |
| 14.52 | 4.43 | 3259.0 | 81.7 | 2.5 | 42.0 | 38.5 | 13.0 | 19.7 | 211.9 | 47.6 | 40.0 | 10.0 |
| 15.01 | 4.57 | 3644.6 | 83.6 | 2.3 | 43.2 | 40.0 | 14.6 | 21.7 | 237.4 | 50.4 | 42.0 | 10.0 |
| 15.50 | 4.73 | 4425.6 | 90.7 | 2.0 | 44.5 | 41.4 | 17.7 | 26.0 | 289.3 | 55.5 | 42.0 | 10.0 |
| 15.99 | 4.88 | 1311.2 | 40.7 | 3.1 | 45.7 | 42.9 | 8.7 | 12.7 | 81.5 | 0.0 | 0.0 | 6.0 |
| 16.49 | 5.02 | 2372.0 | 43.4 | 1.8 | 46.9 | 44.4 | 9.5 | 13.6 | 152.0 | 36.9 | 38.0 | 6.0 |
| 16.98 | 5.18 | 1949.2 | 48.4 | 2.5 | 48.2 | 45.9 | 9.7 | 13.7 | 123.7 | 0.0 | 0.0 | 6.0 |
| 17.47 | 5.32 | 1665.4 | 53.9 | 3.2 | 49.4 | 47.3 | 8.3 | 11.6 | 104.6 | 0.0 | 0.0 | 6.0 |
| 17.96 | 5.48 | 4872.5 | 53.6 | 1.1 | 50.7 | 48.8 | 16.2 | 22.3 | 0.0 | 56.4 | 42.0 | 1.0 |
| 18.45 | 5.62 | 4496.6 | 57.6 | 1.3 | 52.0 | 50.3 | 15.0 | 20.4 | 0.0 | 53.7 | 42.0 | 1.0 |
| 18.95 | 5.77 | 1802.7 | 40.8 | 2.3 | 53.2 | 51.7 | 9.0 | 12.1 | 113.2 | 0.0 | 0.0 | 6.0 |
| 19.44 | 5.93 | 755.8 | 15.2 | 2.0 | 54.5 | 53.2 | 3.8 | 5.0 | 43.2 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 710.0 | 12.6 | 1.8 | 55.7 | 54.7 | 3.5 | 4.7 | 40.0 | 0.0 | 0.0 | 3.0 |
| 20.42 | 6.23 | 1855.4 | 38.5 | 2.1 | 56.9 | 56.2 | 7.4 | 9.6 | 116.2 | 30.0 | 36.0 | 6.0 |
| 20.92 | 6.38 | 1504.6 | 36.4 | 2.4 | 58.1 | 57.6 | 7.5 | 9.7 | 92.6 | 0.0 | 0.0 | 6.0 |
| 21.41 | 6.52 | 1223.9 | 32.2 | 2.6 | 59.4 | 59.1 | 6.1 | 7.8 | 73.7 | 0.0 | 0.0 | 6.0 |
| 21.90 | 6.68 | 1202.1 | 28.4 | 2.4 | 60.6 | 60.6 | 6.0 | 7.6 | 72.1 | 0.0 | 0.0 | 6.0 |
| 22.39 | 6.82 | 1352.8 | 30.4 | 2.2 | 61.8 | 62.0 | 6.8 | 8.4 | 81.9 | 0.0 | 0.0 | 6.0 |
| 22.88 | 6.98 | 1036.8 | 26.8 | 2.6 | 63.1 | 63.5 | 5.2 | 6.4 | 60.7 | 0.0 | 0.0 | 3.0 |

ConeTec Inc. - CPT Interpretation
 Interpretation Output - Release 1.00.19c
 Run No: 00-0518-1635-4322
 Job No: 00-300
 Client: Kleinfelder
 Project: Legacy Parkway Project
 Site: SC-19-280
 Location: STRUCTURE 19
 Cone: 20 TON A 070
 CPT Date: 00/02/03
 CPT Time: 10:15
 CPT File: 300SC280.COR

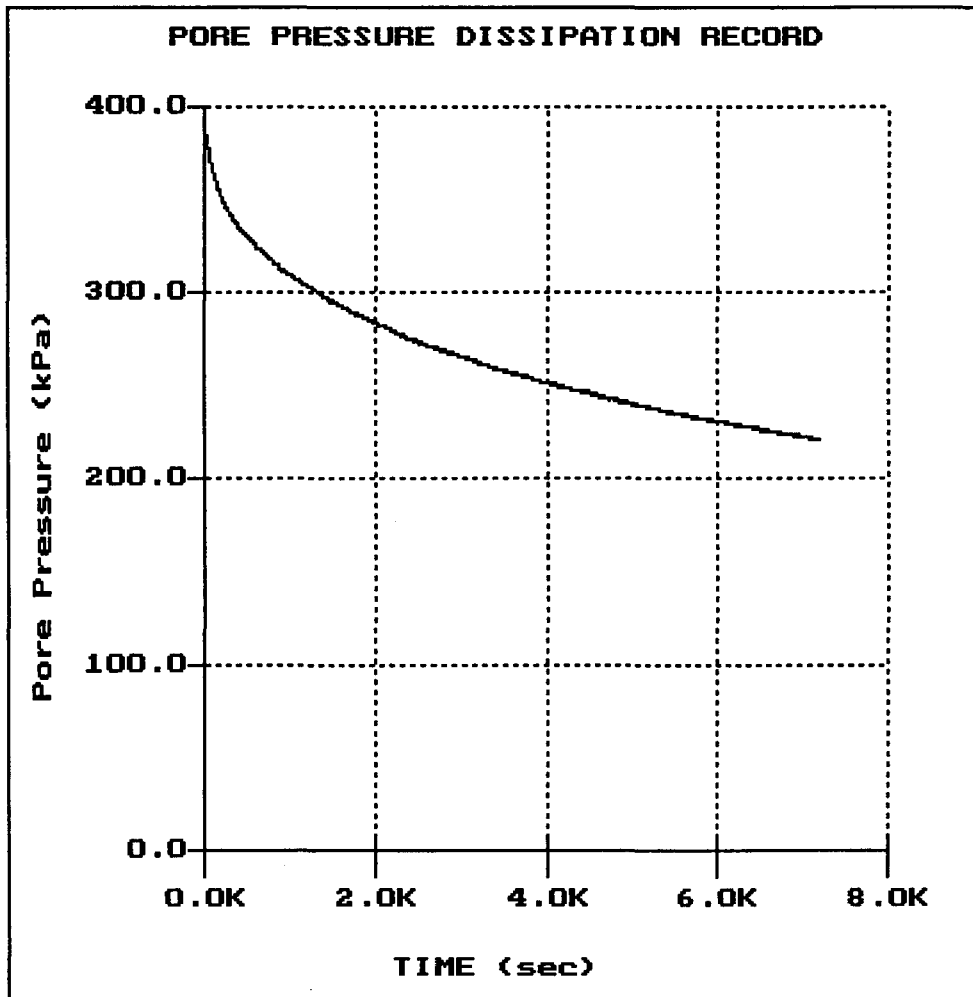
 Water Table (m): 0.50 (ft): 1.6
 Averaging Increment (m): 0.15
 Su Nkt used: 15.00
 Phi Method : Robertson and Campanella, 1983
 Dr Method : Jamiolkowski - All Sands
 Used Unit Weights Assigned to Soil Zones

| Depth (ft) | Depth (m) | AvgQt (kPa) | AvgFs (kPa) | AvgRf (%) | E.Stress (kPa) | Hyd. Pr. (kPa) | N60 (blows/ft) | (N1)60 | Su (kPa) | Dr (%) | Phi (deg.) | OCR (ratio) |
|------------|-----------|-------------|-------------|-----------|----------------|----------------|----------------|--------|----------|--------|------------|-------------|
| 0.25 | 0.08 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 0.74 | 0.23 | 8291.6 | 14.5 | 0.2 | 4.4 | 0.0 | 16.6 | 33.2 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.23 | 0.38 | 26568.9 | 70.7 | 0.3 | 7.4 | 0.0 | 44.3 | 88.6 | 0.0 | 95.0 | 50.0 | 1.0 |
| 1.72 | 0.52 | 31771.1 | 94.2 | 0.3 | 10.1 | 0.2 | 53.0 | 105.9 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.21 | 0.68 | 24700.9 | 182.4 | 0.7 | 11.6 | 1.7 | 49.4 | 98.8 | 0.0 | 95.0 | 50.0 | 1.0 |
| 2.71 | 0.82 | 19682.6 | 361.2 | 1.8 | 13.0 | 3.2 | 49.2 | 98.4 | 0.0 | 95.0 | 50.0 | 1.0 |
| 3.20 | 0.97 | 19700.3 | 454.5 | 2.3 | 14.4 | 4.7 | 65.7 | 131.3 | 0.0 | 95.0 | 50.0 | 1.0 |
| 3.61 | 1.10 | 23419.7 | 568.9 | 2.4 | 15.4 | 5.9 | 78.1 | 156.1 | 0.0 | 95.0 | 50.0 | 1.0 |
| 4.02 | 1.22 | 45604.0 | 344.4 | 0.8 | 16.6 | 7.1 | 76.0 | 152.0 | 0.0 | 95.0 | 50.0 | 1.0 |
| 4.51 | 1.38 | 19577.8 | 245.8 | 1.3 | 18.1 | 8.6 | 48.9 | 97.9 | 0.0 | 95.0 | 50.0 | 1.0 |
| 5.00 | 1.53 | 7844.5 | 203.9 | 2.6 | 19.4 | 10.1 | 31.4 | 62.8 | 521.0 | 83.8 | 48.0 | 10.0 |
| 5.50 | 1.67 | 3970.6 | 159.8 | 4.0 | 20.6 | 11.5 | 19.9 | 39.7 | 262.6 | 0.0 | 0.0 | 10.0 |
| 5.99 | 1.83 | 2424.0 | 73.7 | 3.0 | 21.9 | 13.0 | 12.1 | 24.2 | 159.3 | 0.0 | 0.0 | 10.0 |
| 6.56 | 2.00 | 2478.6 | 64.3 | 2.6 | 23.3 | 14.7 | 12.4 | 24.8 | 162.7 | 0.0 | 0.0 | 10.0 |
| 7.14 | 2.17 | 9899.3 | 107.6 | 1.1 | 24.8 | 16.4 | 24.7 | 48.6 | 0.0 | 87.0 | 48.0 | 1.0 |
| 7.63 | 2.33 | 5082.7 | 130.0 | 2.6 | 26.1 | 17.9 | 20.3 | 39.0 | 335.9 | 67.1 | 44.0 | 10.0 |
| 8.12 | 2.47 | 1909.2 | 57.4 | 3.0 | 27.3 | 19.4 | 9.5 | 17.9 | 124.2 | 0.0 | 0.0 | 10.0 |
| 8.61 | 2.62 | 1357.0 | 21.3 | 1.6 | 28.6 | 20.8 | 5.4 | 9.9 | 87.2 | 30.0 | 38.0 | 6.0 |
| 9.10 | 2.78 | 1092.1 | 20.2 | 1.9 | 29.8 | 22.3 | 5.5 | 9.8 | 69.3 | 0.0 | 0.0 | 6.0 |
| 9.60 | 2.92 | 638.3 | 13.9 | 2.2 | 31.0 | 23.8 | 4.3 | 7.5 | 38.9 | 0.0 | 0.0 | 6.0 |
| 10.09 | 3.08 | 567.3 | 11.3 | 2.0 | 32.2 | 25.3 | 3.8 | 6.5 | 34.0 | 0.0 | 0.0 | 6.0 |
| 10.58 | 3.22 | 730.8 | 15.2 | 2.1 | 33.5 | 26.7 | 3.7 | 6.2 | 44.7 | 0.0 | 0.0 | 6.0 |
| 11.07 | 3.38 | 794.4 | 19.8 | 2.5 | 34.7 | 28.2 | 5.3 | 8.8 | 48.8 | 0.0 | 0.0 | 6.0 |
| 11.56 | 3.53 | 746.2 | 14.1 | 1.9 | 35.9 | 29.7 | 3.7 | 6.1 | 45.4 | 0.0 | 0.0 | 6.0 |
| 12.06 | 3.67 | 635.1 | 16.4 | 2.6 | 37.2 | 31.1 | 4.2 | 6.8 | 37.8 | 0.0 | 0.0 | 6.0 |
| 12.55 | 3.83 | 609.7 | 14.9 | 2.4 | 38.4 | 32.6 | 4.1 | 6.4 | 35.9 | 0.0 | 0.0 | 3.0 |
| 13.04 | 3.98 | 537.6 | 10.1 | 1.9 | 39.6 | 34.1 | 3.6 | 5.6 | 30.9 | 0.0 | 0.0 | 3.0 |
| 13.53 | 4.12 | 514.5 | 7.2 | 1.4 | 40.8 | 35.6 | 3.4 | 5.3 | 29.2 | 0.0 | 0.0 | 3.0 |
| 14.03 | 4.27 | 470.9 | 7.2 | 1.5 | 41.7 | 37.0 | 2.4 | 3.6 | 26.1 | 0.0 | 0.0 | 3.0 |
| 14.52 | 4.43 | 461.9 | 7.2 | 1.6 | 42.1 | 38.5 | 2.3 | 3.5 | 25.4 | 0.0 | 0.0 | 3.0 |
| 15.01 | 4.57 | 481.1 | 12.0 | 2.5 | 42.8 | 40.0 | 4.8 | 7.2 | 26.6 | 0.0 | 0.0 | 3.0 |
| 15.50 | 4.73 | 681.3 | 14.0 | 2.1 | 44.0 | 41.4 | 4.5 | 6.7 | 39.7 | 0.0 | 0.0 | 3.0 |
| 15.99 | 4.88 | 637.5 | 11.3 | 1.8 | 45.3 | 42.9 | 3.2 | 4.6 | 36.6 | 0.0 | 0.0 | 3.0 |
| 16.49 | 5.02 | 596.2 | 8.6 | 1.4 | 46.5 | 44.4 | 3.0 | 4.3 | 33.7 | 0.0 | 0.0 | 3.0 |
| 16.98 | 5.18 | 544.7 | 7.9 | 1.4 | 47.7 | 45.9 | 2.7 | 3.9 | 30.1 | 0.0 | 0.0 | 3.0 |
| 17.47 | 5.32 | 634.3 | 8.5 | 1.3 | 48.9 | 47.3 | 3.2 | 4.4 | 35.9 | 0.0 | 0.0 | 3.0 |
| 17.96 | 5.48 | 589.1 | 7.0 | 1.2 | 50.2 | 48.8 | 2.9 | 4.1 | 32.7 | 0.0 | 0.0 | 3.0 |
| 18.45 | 5.62 | 606.6 | 6.9 | 1.1 | 51.4 | 50.3 | 3.0 | 4.1 | 33.7 | 0.0 | 0.0 | 3.0 |
| 18.95 | 5.77 | 656.5 | 10.4 | 1.6 | 52.6 | 51.7 | 3.3 | 4.4 | 36.8 | 0.0 | 0.0 | 3.0 |
| 19.44 | 5.93 | 861.1 | 13.0 | 1.5 | 53.9 | 53.2 | 4.3 | 5.7 | 50.3 | 0.0 | 0.0 | 3.0 |
| 19.93 | 6.07 | 857.0 | 5.9 | 0.7 | 55.1 | 54.7 | 3.4 | 4.5 | 49.8 | 30.0 | 32.0 | 3.0 |
| 20.42 | 6.23 | 716.5 | 6.4 | 0.9 | 56.3 | 56.2 | 3.6 | 4.7 | 40.3 | 0.0 | 0.0 | 3.0 |
| 20.92 | 6.38 | 687.8 | 6.6 | 1.0 | 57.5 | 57.6 | 3.4 | 4.4 | 38.2 | 0.0 | 0.0 | 3.0 |
| 21.41 | 6.52 | 732.1 | 6.3 | 0.9 | 58.8 | 59.1 | 3.7 | 4.7 | 40.9 | 0.0 | 0.0 | 3.0 |
| 21.90 | 6.68 | 756.8 | 8.7 | 1.1 | 60.0 | 60.6 | 3.8 | 4.8 | 42.4 | 0.0 | 0.0 | 3.0 |
| 22.39 | 6.82 | 798.4 | 11.1 | 1.4 | 61.2 | 62.0 | 4.0 | 5.0 | 45.0 | 0.0 | 0.0 | 3.0 |
| 22.88 | 6.98 | 2873.4 | 20.8 | 0.7 | 62.5 | 63.5 | 9.6 | 11.9 | 0.0 | 38.3 | 38.0 | 1.0 |

Legacy Parkway

SC-13-306
Location: STRUCTURE 13

Cone: 20 TON A 058
Date: 01:18:00 08:43

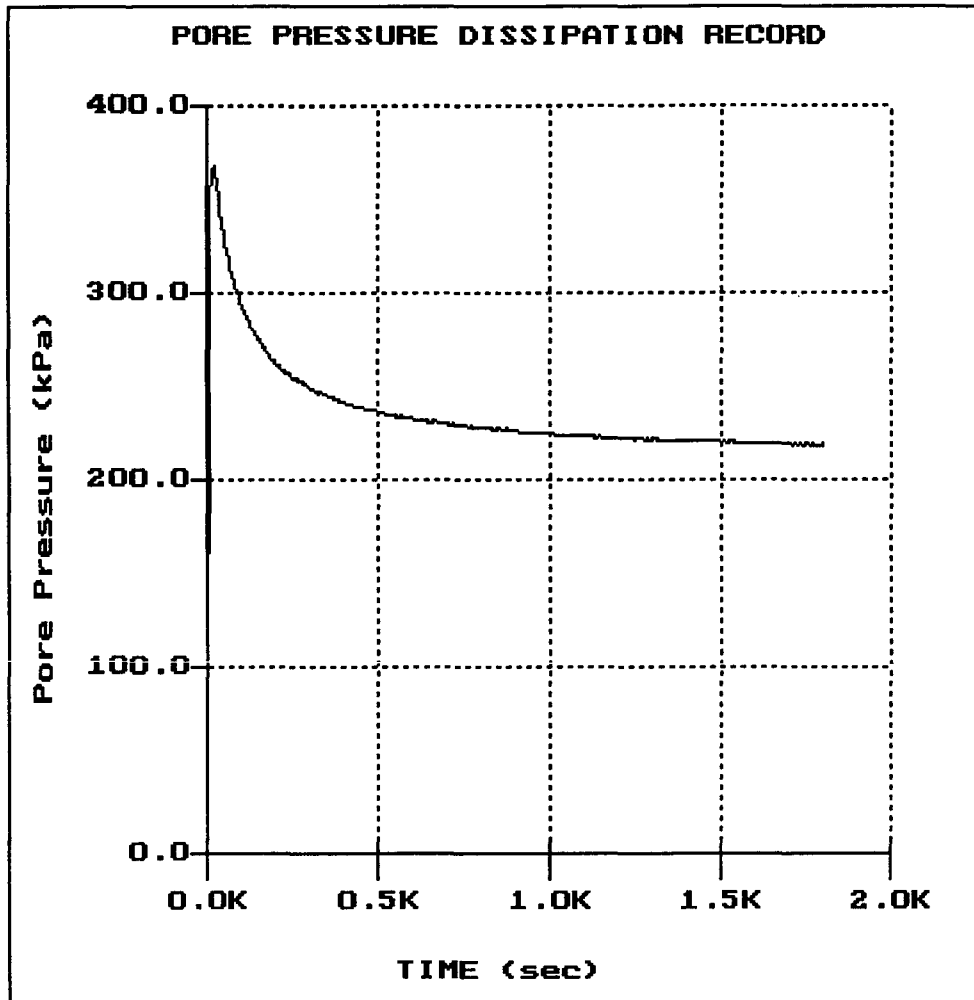


File: 300SC306.PPR
Depth (m): 9.75
(ft): 31.99
Duration : 7200.0s
U-min: 220.60 7155.0s
U-max: 386.70 10.0s

Legacy Parkway

SC-13-306
Location: STRUCTURE 13

Cone: 20 TON A 058
Date: 01:18:00 08:43

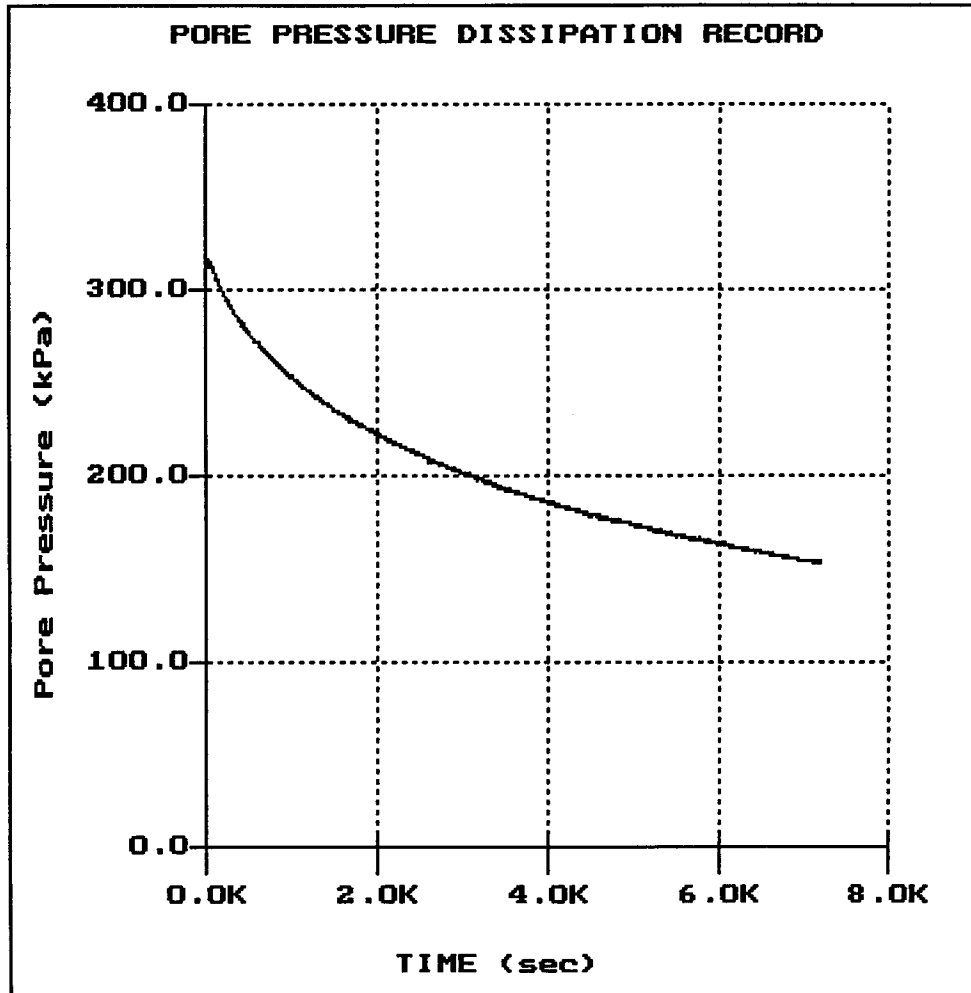


File: 300SC306.PPR
Depth (m): 19.35
(ft): 63.48
Duration: 1800.0s
U-min: 37.10 0.0s
U-max: 368.70 20.0s

Legacy Parkway

SC-13-307
Location: STRUCTURE 13

Cone: 20 TON A 058
Date: 01:14:00 08:34

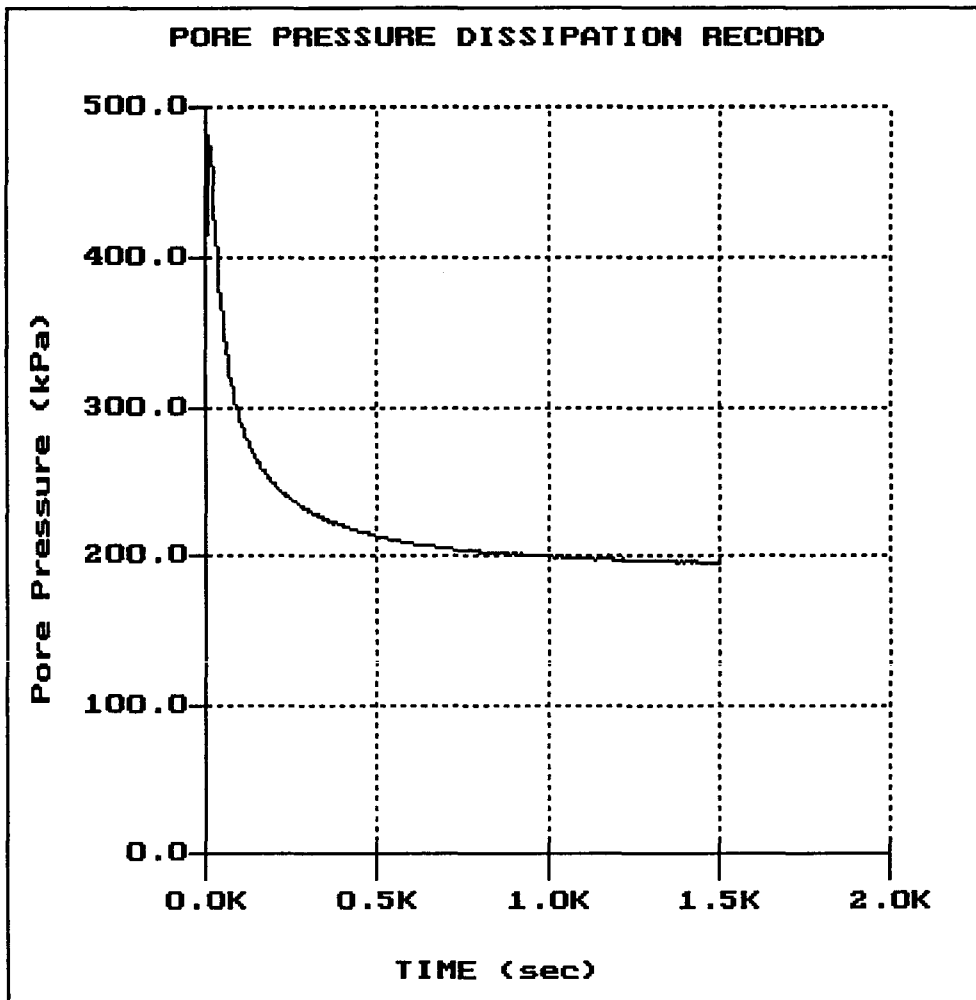


File: 300SC307.PPR
Depth (m): 7.00
(ft): 22.97
Duration : 7200.0s
U-min: 152.45 7195.0s
U-max: 325.71 0.0s

Legacy Parkway

SC-13-307
Location: STRUCTURE 13

Cone: 20 TON A 058
Date: 01:14:00 08:34

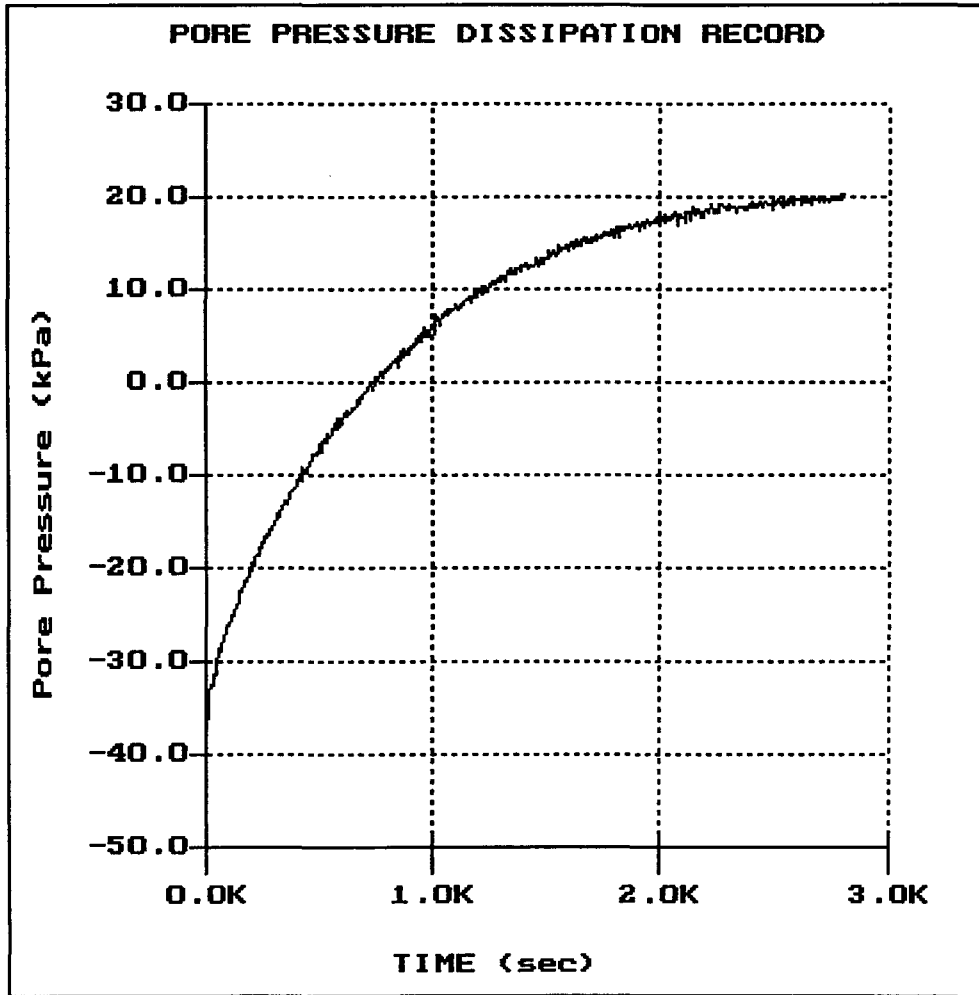


File: 300SC307.PPR
Depth (m): 19.45
(ft): 63.81
Duration: 1500.0s
U-min: 193.84 1500.0s
U-max: 481.58 10.0s

Legacy Parkway

SC-14-310
Location: STRUCTURE 14

Cone: 20 TON A 058
Date: 01:18:00 13:28



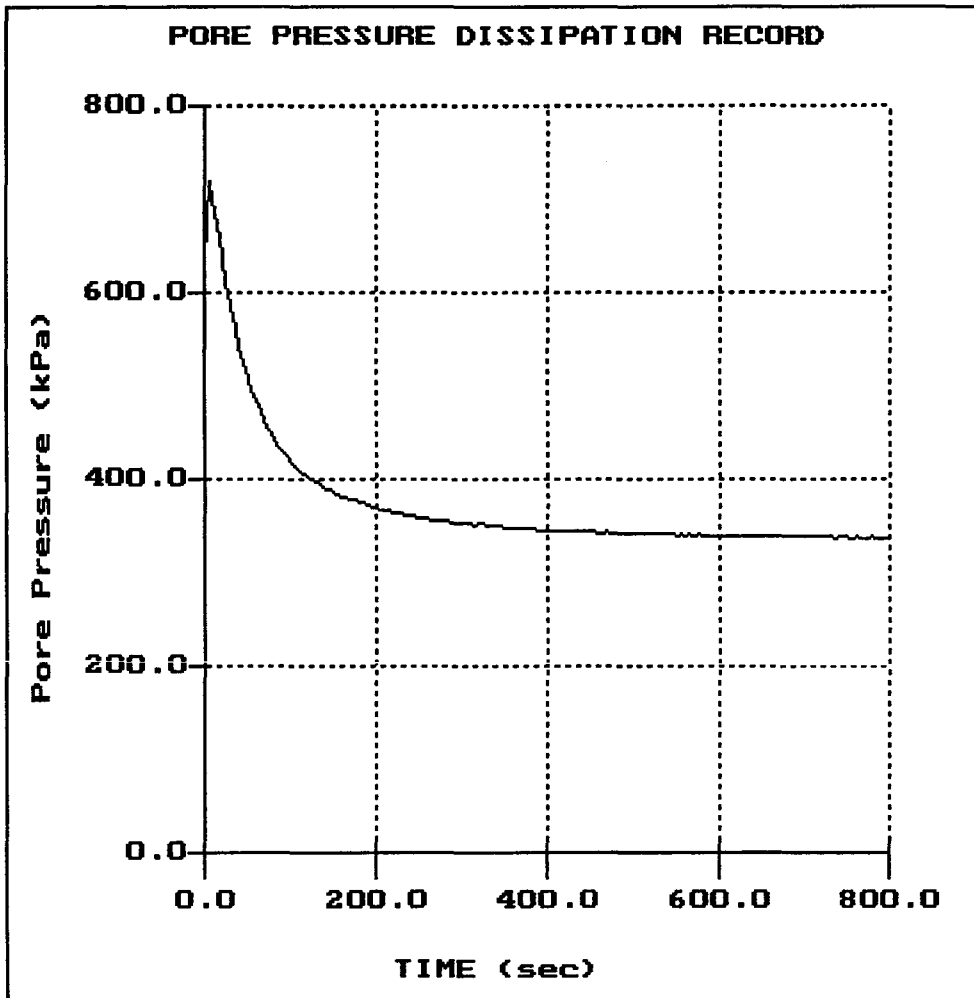
File: 300SC310.PPR
Depth (m): 2.70
 (ft): 8.86
Duration : 2800.0s
U-min: -41.50 0.0s
U-max: 20.40 2800.0s

Legacy Parkway

SC-14-310
Location:STRUCTURE 14

Cone:20 TON A 058
Date:01:18:00 13:28

PORE PRESSURE DISSIPATION RECORD

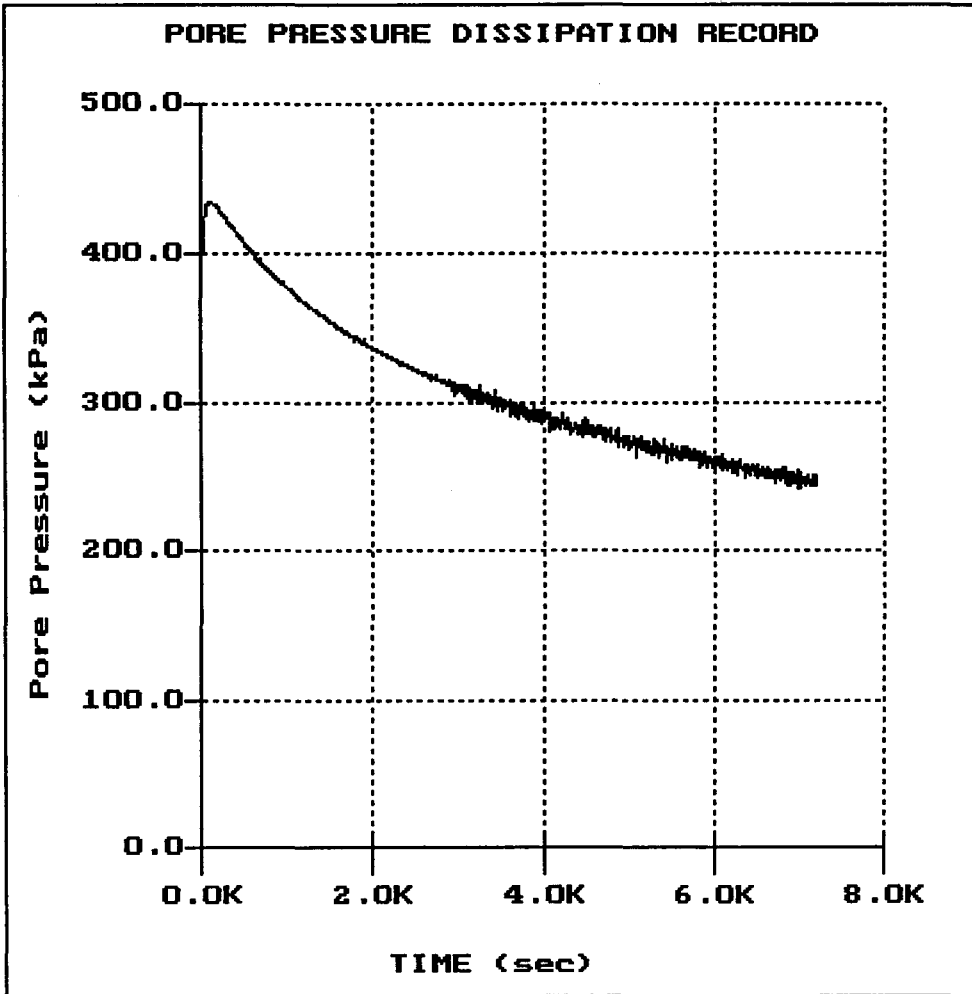


File: 300SC310.PPR
Depth (m): 29.40
 (ft): 96.46
Duration : 800.0s
U-min: 336.60 770.0s
U-max: 720.70 5.0s

Legacy Parkway

SC-14-311
Location: STRUCTURE 14

Cone: 20 TON A 058
Date: 01:17:00 11:16

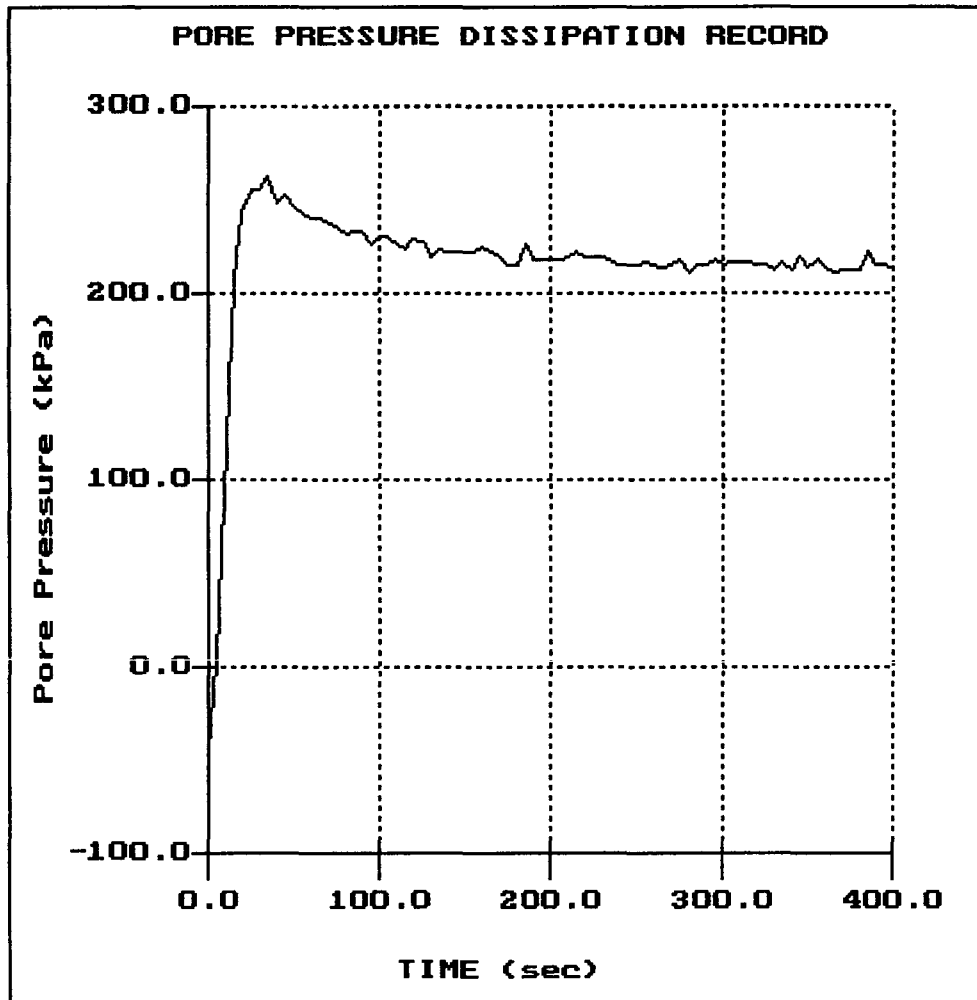


File: 300SC311.PPR
Depth (m): 6.70
(ft): 21.98
Duration : 7200.0s
U-min: 241.10 6995.0s
U-max: 434.30 125.0s

Legacy Parkway

SC-14-311
Location: STRUCTURE 14

Cone: 20 TON A 058
Date: 01:17:00 11:16

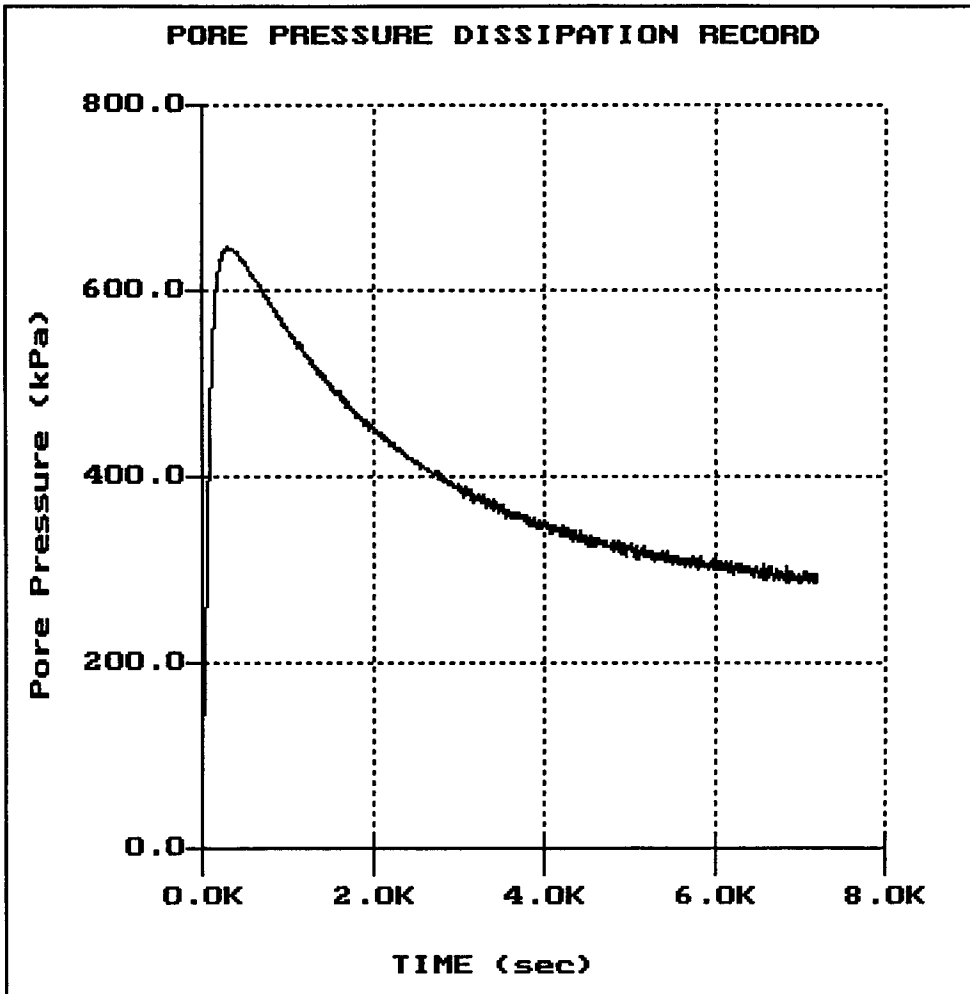


File: 300SC311.PPR
Depth (m): 17.95
(ft): 58.89
Duration: 400.0s
U-min: -47.90 0.0s
U-max: 262.30 35.0s

Legacy Parkway

SC-14-311
Location: STRUCTURE 14

Cone: 20 TON A 058
Date: 01:17:00 11:16

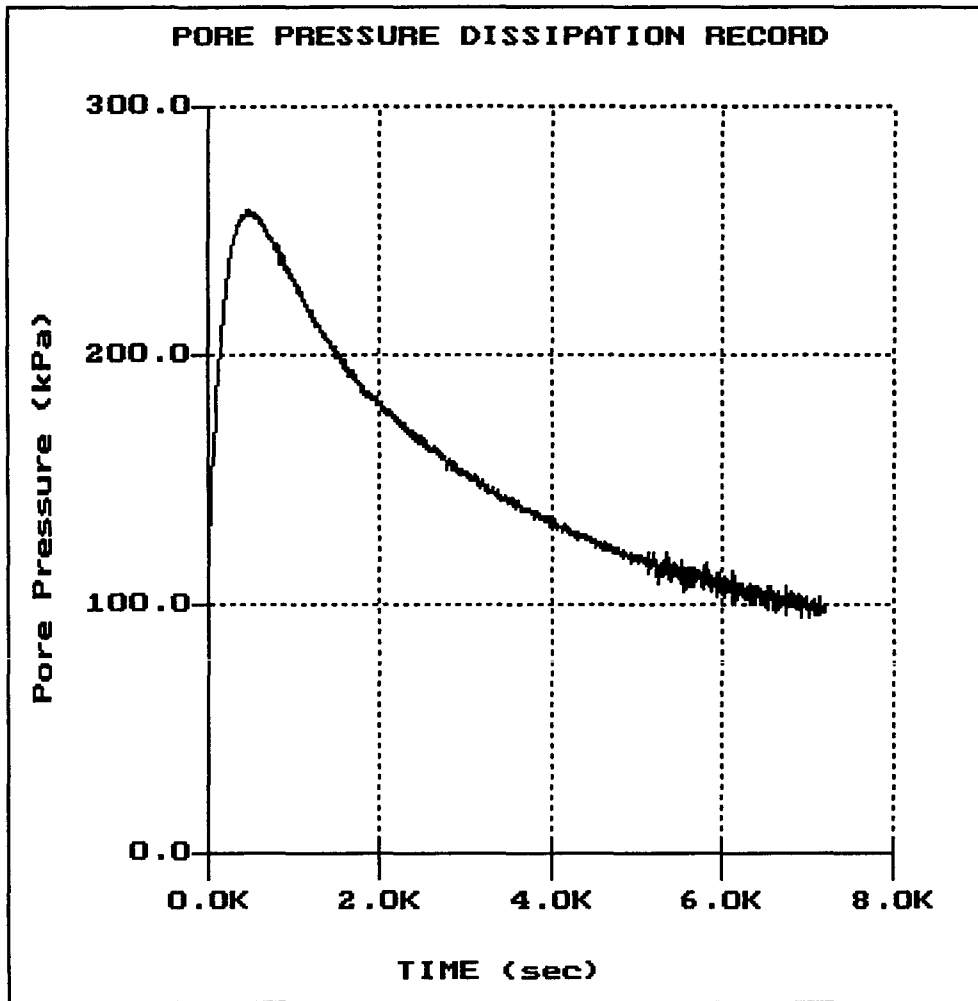


File: 300SC311.PPR
Depth (m): 21.20
(ft): 69.55
Duration: 7200.0s
U-min: 107.00 0.0s
U-max: 646.00 310.0s

Legacy Parkway

SC-14-312
Location: STRUCTURE 14

Cone: 20 TON A 070
Date: 05:01:00 21:43

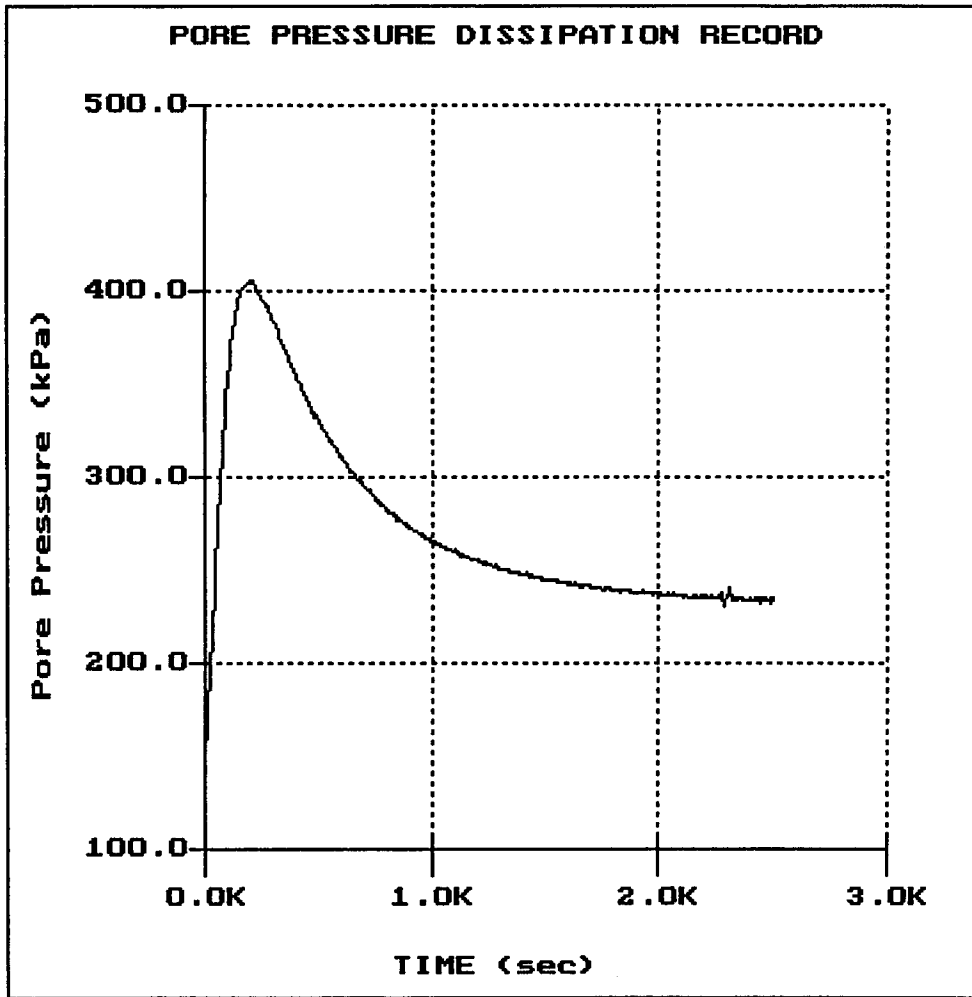


File: 300SC312.PPR
Depth (m): 6.90
(ft): 22.64
Duration : 7205.0s
U-min: 94.76 7005.0s
U-max: 258.10 470.0s

Legacy Parkway

SC-14-312
Location: STRUCTURE 14

Cone: 20 TON A 070
Date: 05:01:00 21:43

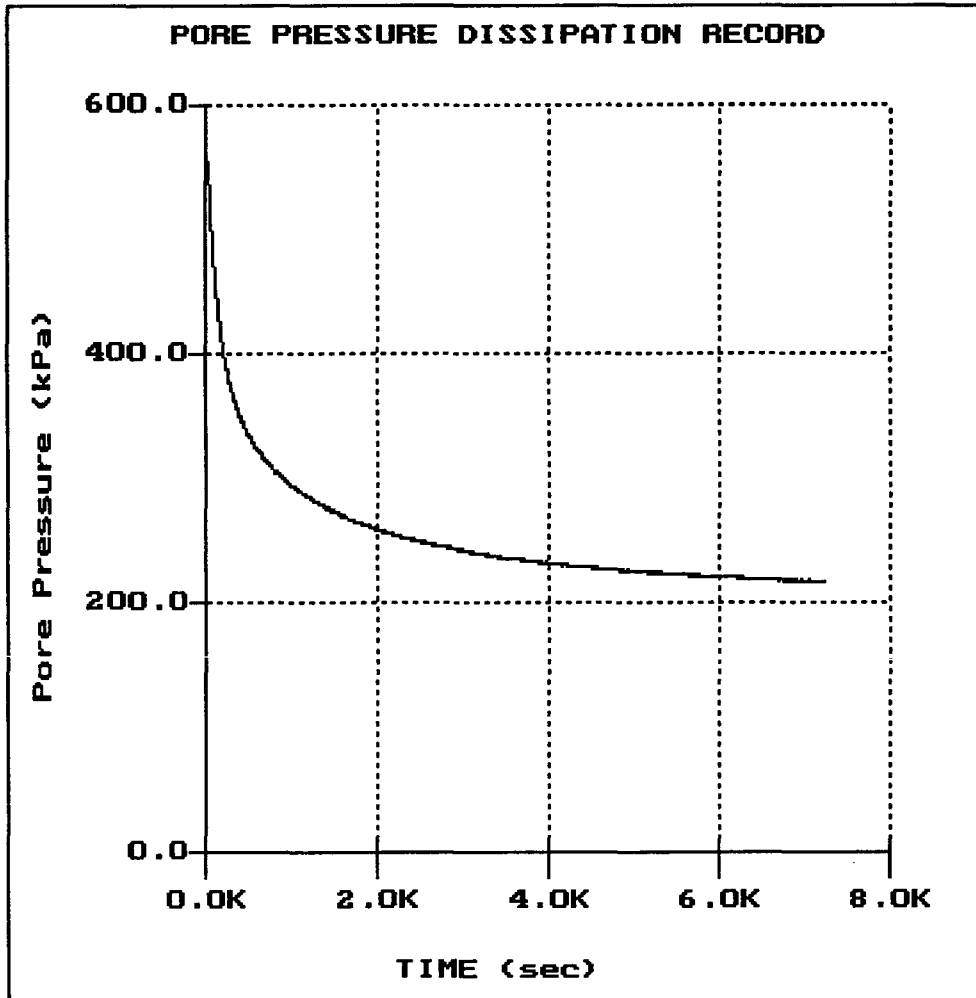


File: 300SC312.PPR
Depth (m): 21.05
 (ft): 69.06
Duration : 2500.0s
U-min: 142.44 0.0s
U-max: 405.25 210.0s

Legacy Parkway

SC-15-266
Location: STRUCTURE 15

Cone: 20 TON A 058
Date: 01:13:00 08:21

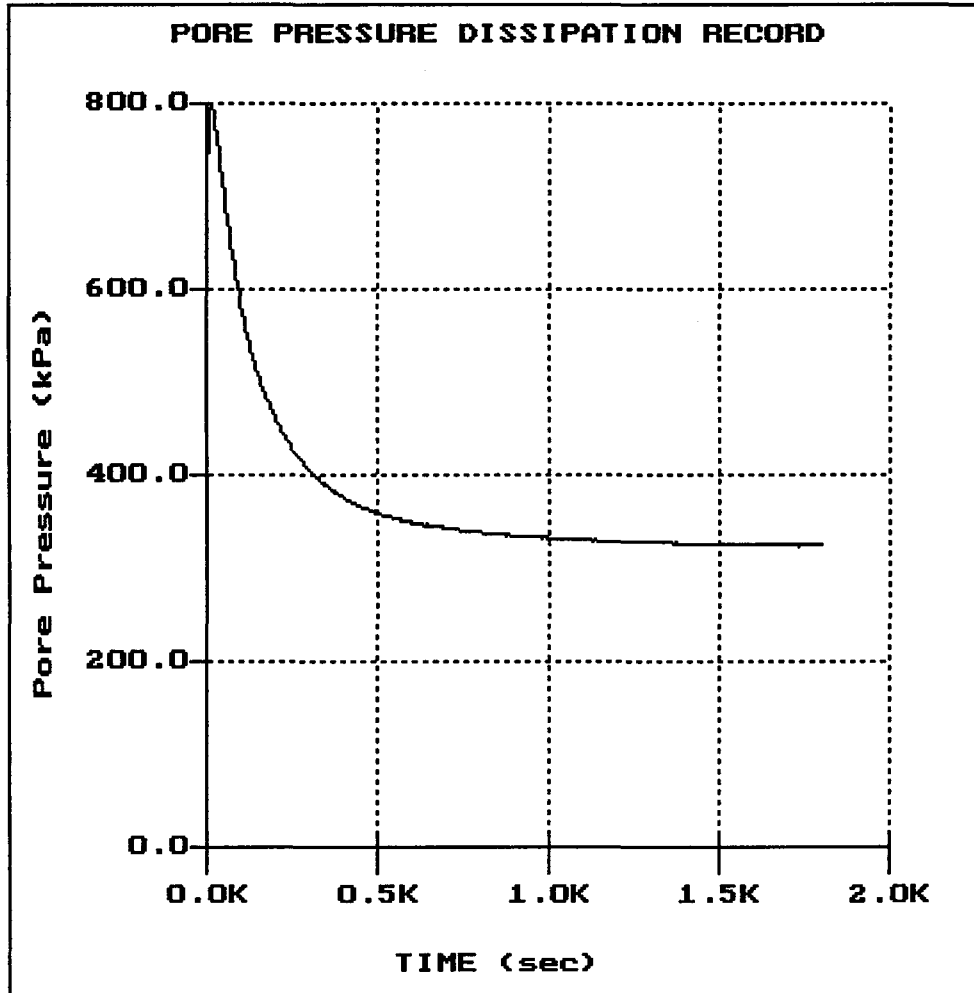


File: 300SC266.PPR
Depth (m): 16.80
(ft): 55.12
Duration : 7210.0s
U-min: 216.33 7200.0s
U-max: 555.84 0.0s

Legacy Parkway

SC-15-266
Location: STRUCTURE 15

Cone: 20 TON A 058
Date: 01:13:00 08:21



File: 300SC266.PPR
Depth (m): 26.80
(ft): 87.93
Duration: 1800.0s
U-min: 323.52 1730.0s
U-max: 795.89 15.0s

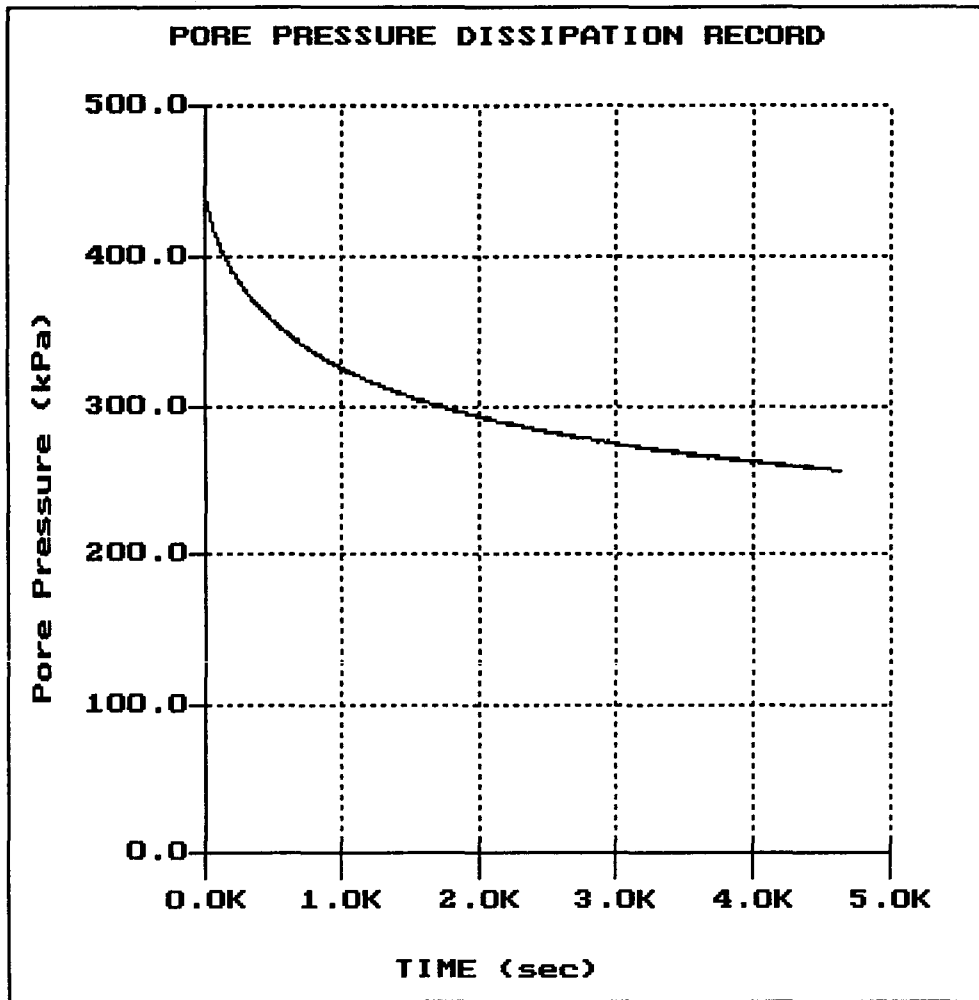
Legacy Parkway

SC-15-267

Location: STRUCTURE 15

Cone: 20 TON A 058

Date: 01:10:00 14:07



File: 300SC267.PPR

Depth (m): 12.30

(ft): 40.35

Duration: 4635.0s

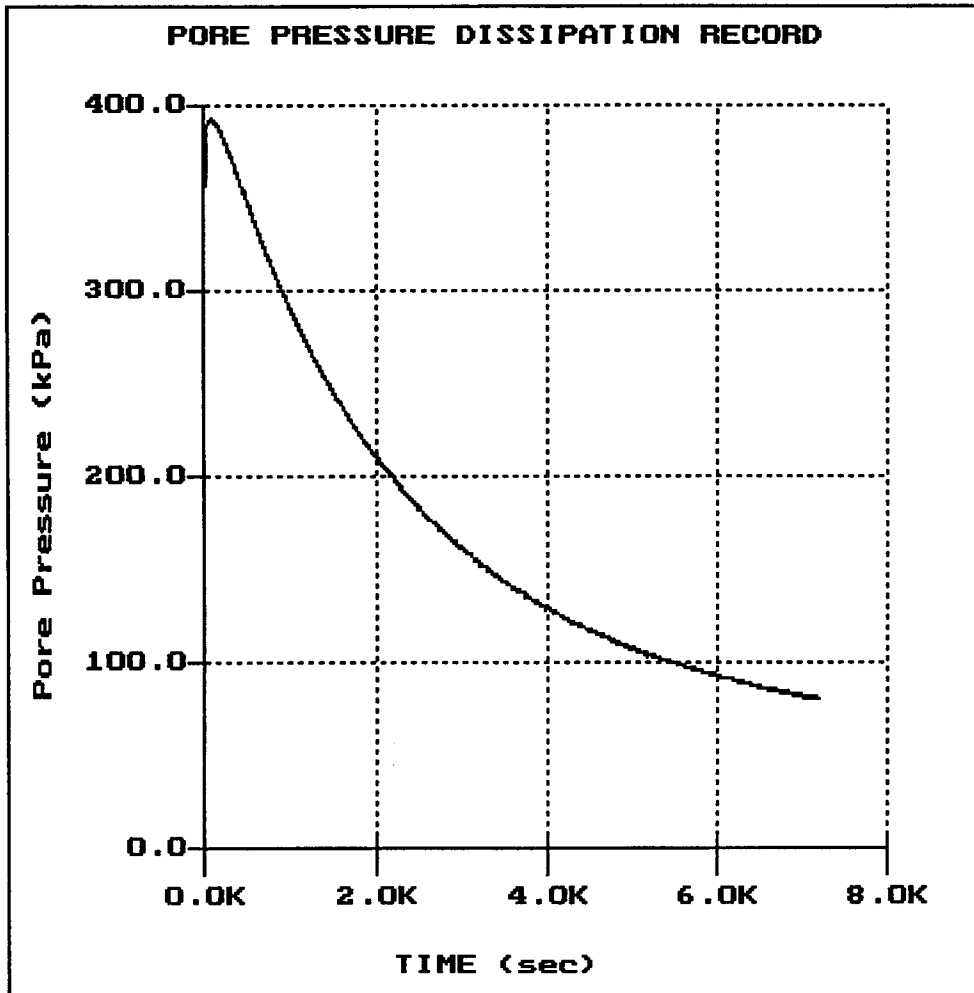
U-min: 255.05 4625.0s

U-max: 435.19 10.0s

Legacy Parkway

SC-16-269
Location: STRUCTURE 16

Cone: 20 TON A 058
Date: 01:10:00 11:15

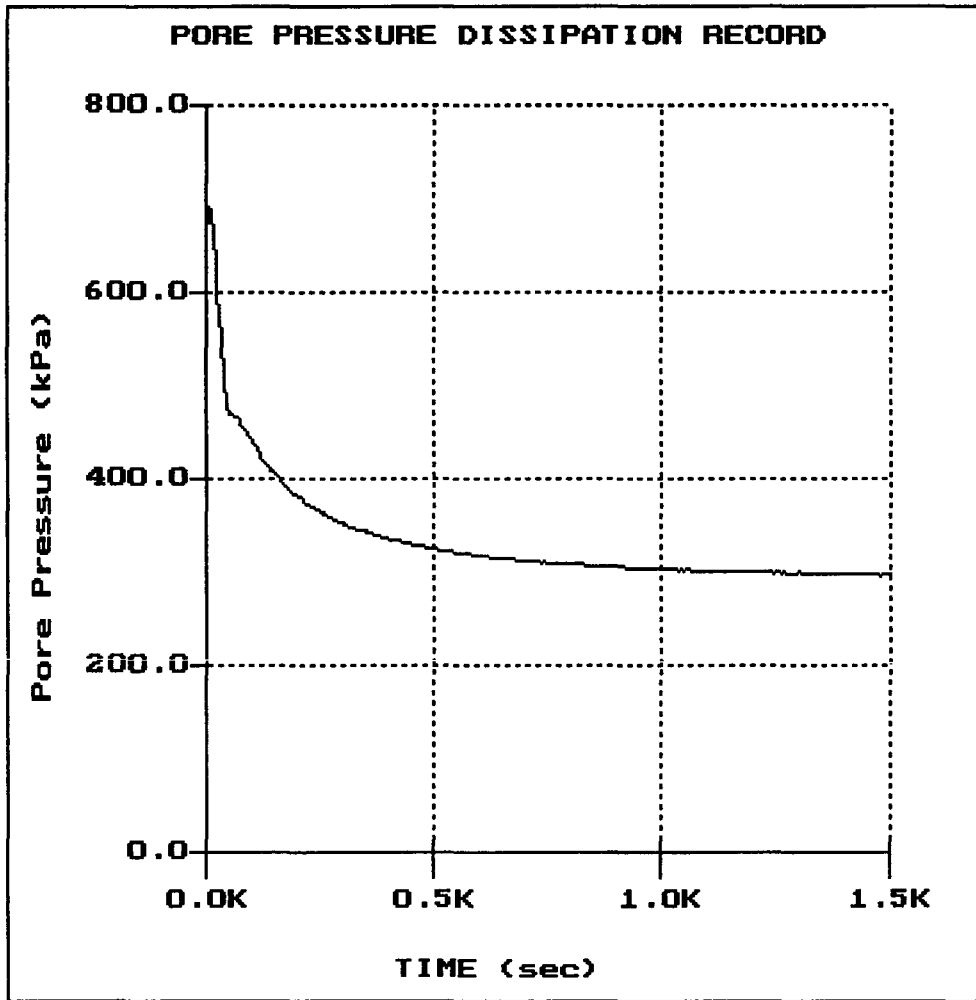


File: 300SC269.PPR
Depth (m): 6.05
(ft): 19.85
Duration : 7200.0s
U-min: 79.97 7185.0s
U-max: 392.40 90.0s

Legacy Parkway

SC-16-269A
Location: STRUCTURE 16

Cone: 20 TON A 058
Date: 01:12:00 07:50



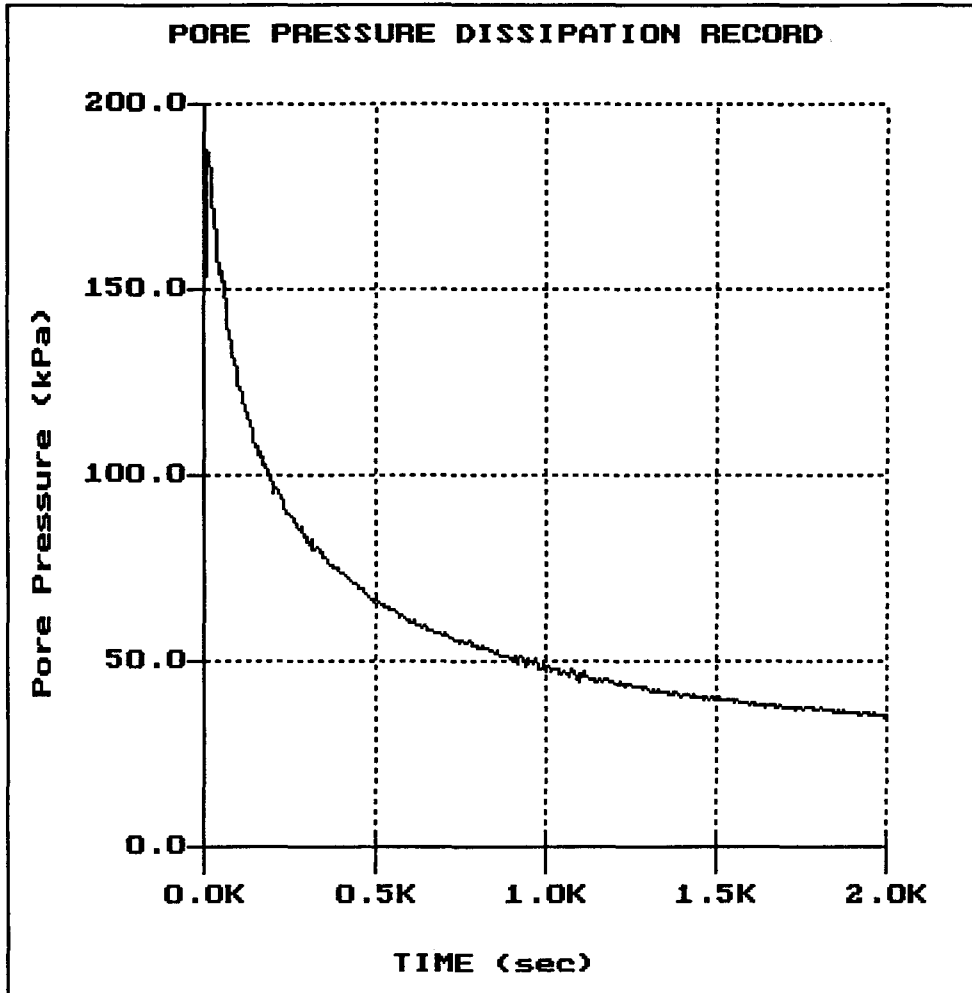
File: 300S269A.PPR
Depth (m): 26.00
(ft): 85.30
Duration: 1500.0s
U-min: 295.61 1475.0s
U-max: 692.22 5.0s

Legacy Parkway

SC-17-270
Location: STRUCTURE 17

Cone: 20 TON A 058
Date: 01:20:00 08:50

PORE PRESSURE DISSIPATION RECORD

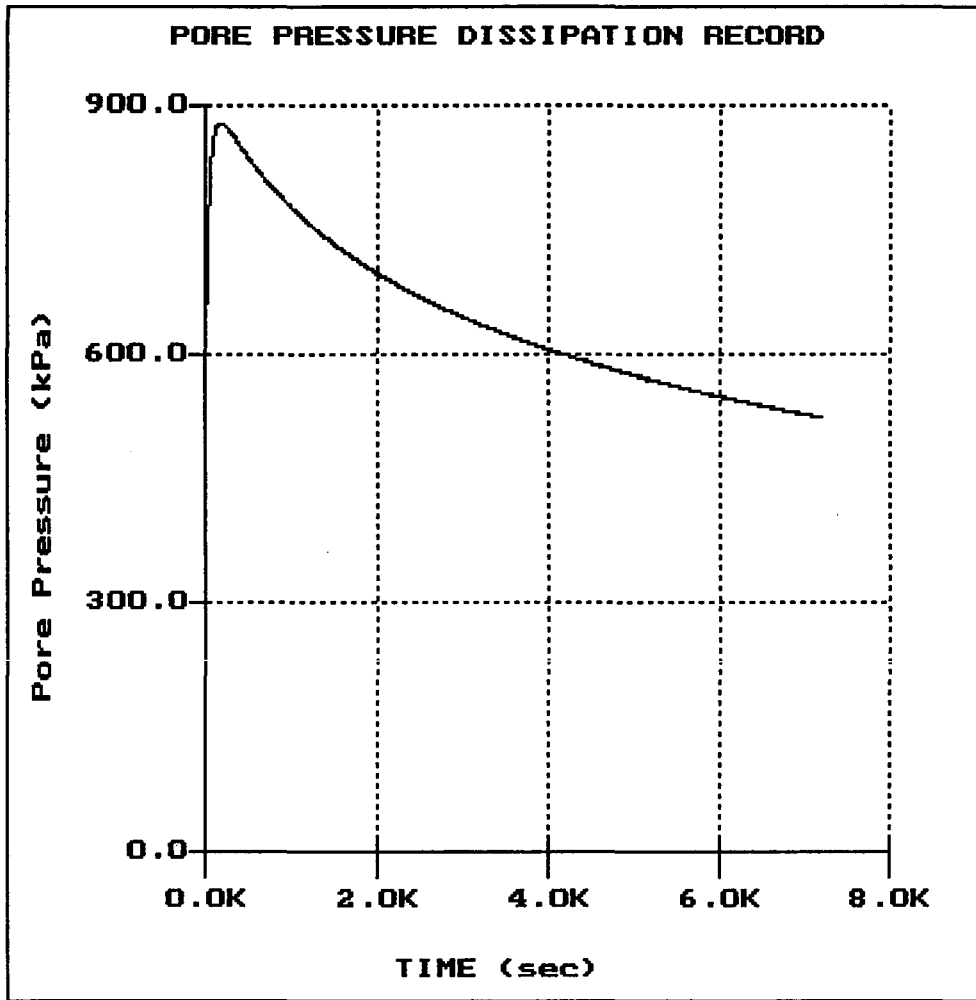


File: 300SC270.PPR
Depth (m): 4.10
(ft): 13.45
Duration : 2000.0s
U-min: 34.90 1995.0s
U-max: 187.60 10.0s

Legacy Parkway

SC-17-270
Location:STRUCTURE 17

Cone:20 TON A 058
Date:01:20:00 08:50

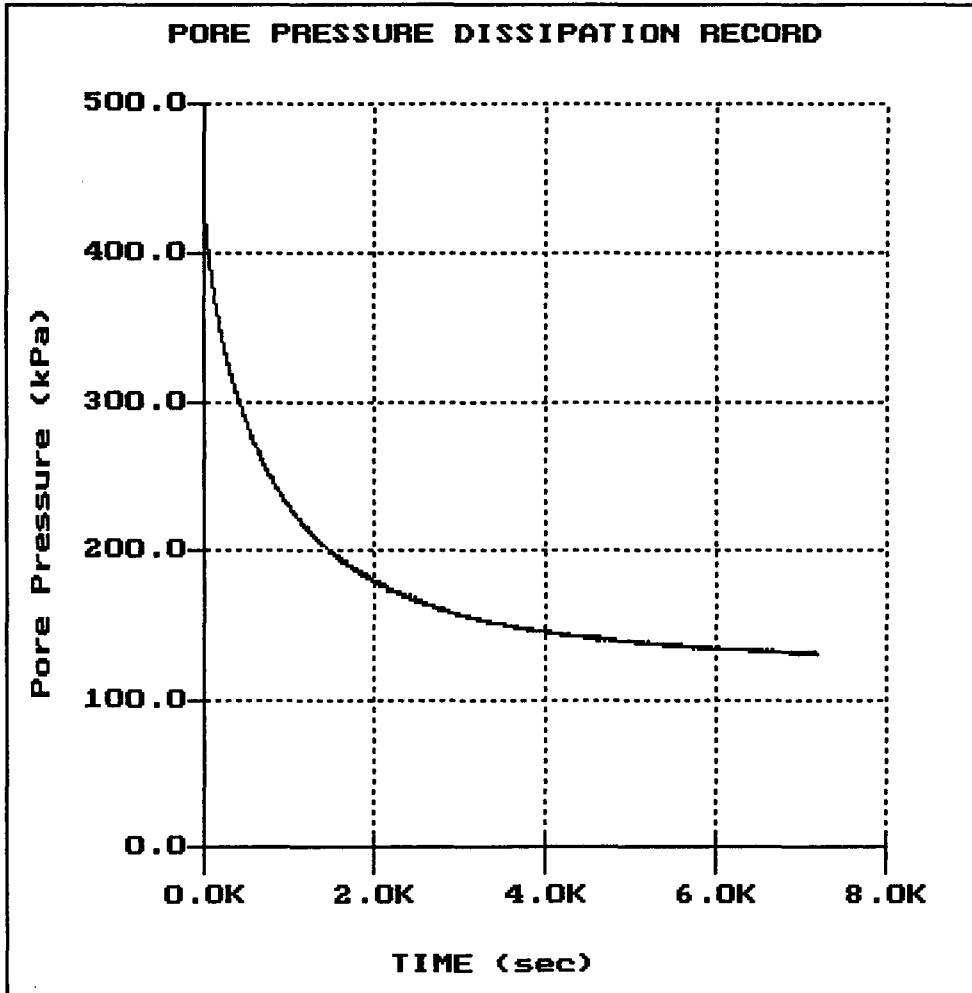


File: 300SC270.PPR
Depth (m): 28.55
(ft): 93.67
Duration : 7200.0s
U-min: 524.00 7200.0s
U-max: 879.60 190.0s

Legacy Parkway

SC-18-273
Location: STRUCTURE 18

Cone: 20 TON A 058
Date: 01:20:00 13:55

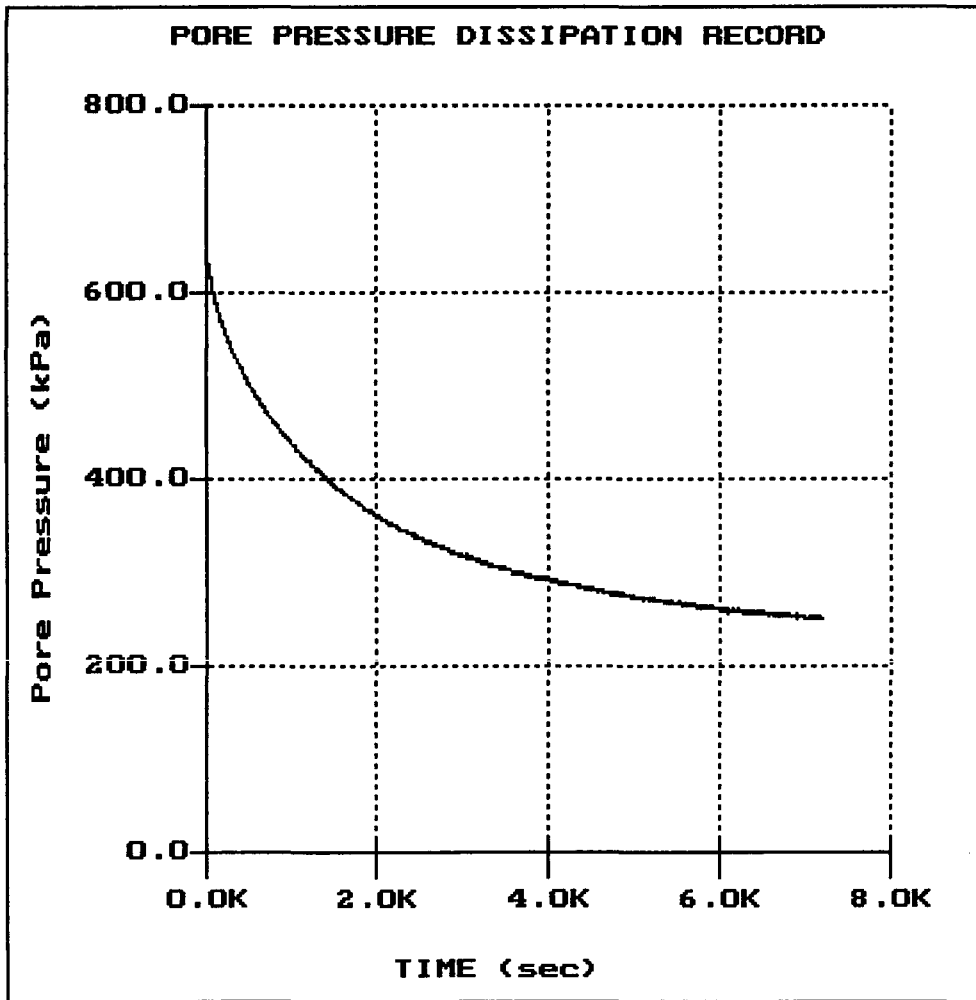


File: 300SC273.PPR
Depth (m): 9.85
(ft): 32.32
Duration: 7200.0s
U-min: 130.10 7085.0s
U-max: 420.00 10.0s

Legacy Parkway

SC-18-273
Location: STRUCTURE 18

Cone: 20 TON A 058
Date: 01:20:00 13:55

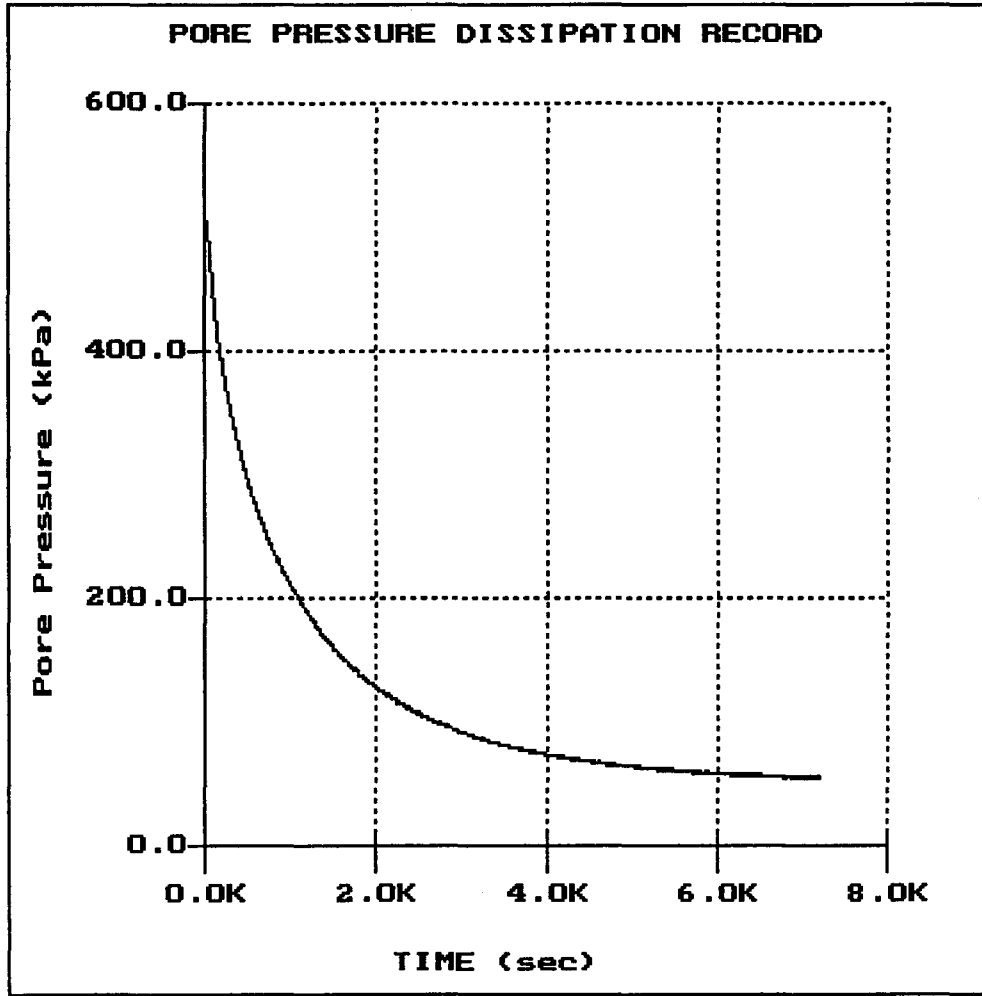


File: 300SC273.PPR
Depth (m): 16.55
 (ft): 54.30
Duration : 7200.0s
U-min: 249.70 7175.0s
U-max: 647.30 0.0s

Legacy Parkway

SC-19-275
Location: STRUCTURE 19

Cone: 20 TON A 070
Date: 02:02:00 08:38

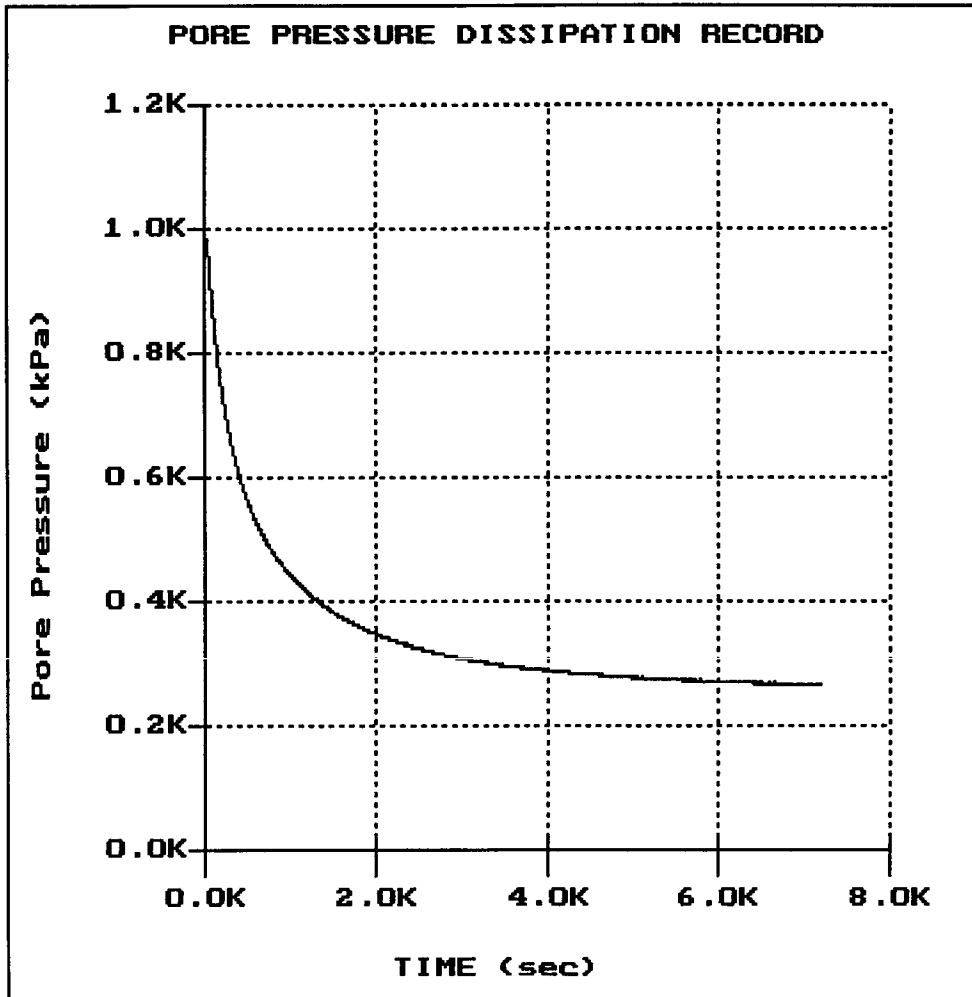


File: 300SC275.PPR
Depth (m): 13.80
 (ft): 45.28
Duration : 7200.0s
U-min: 54.15 7080.0s
U-max: 505.06 15.0s

Legacy Parkway

SC-19-275
Location: STRUCTURE 19

Cone: 20 TON A 070
Date: 02:02:00 08:38

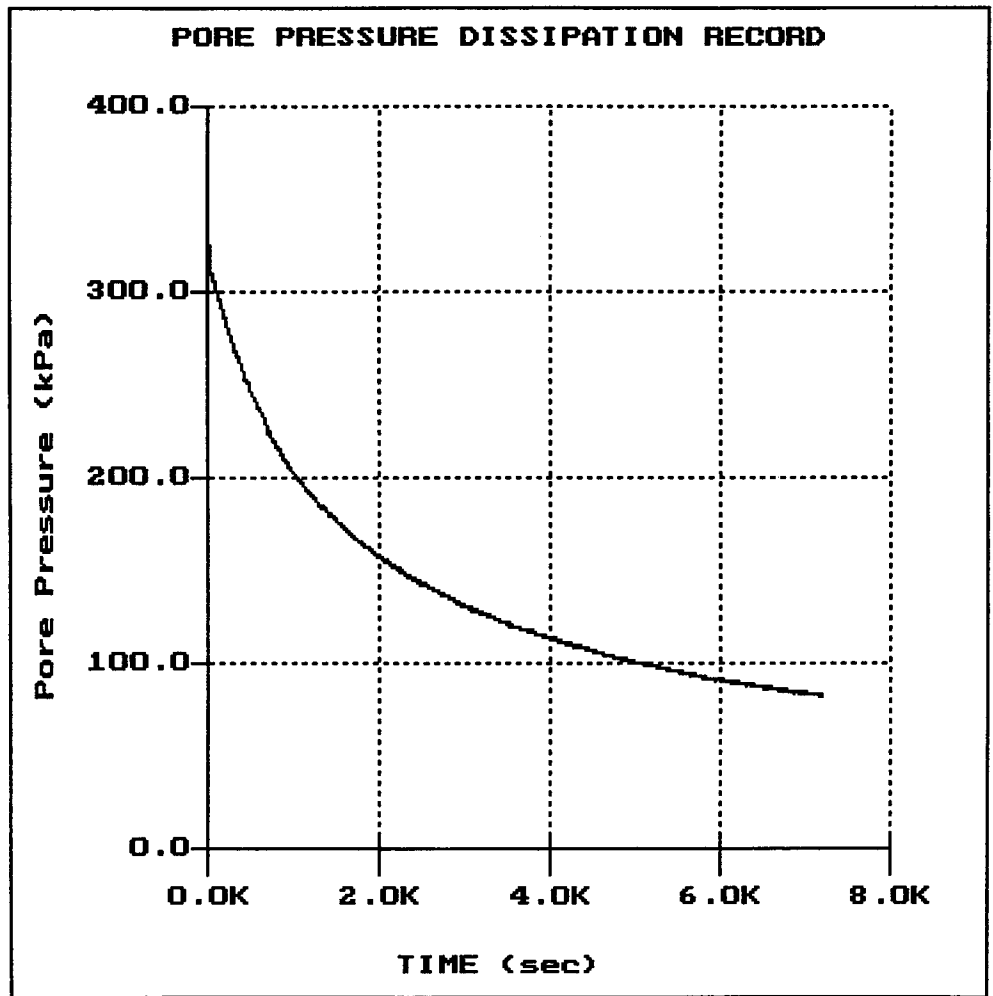


File: 300SC275.PPR
Depth (m): 30.05
(ft): 98.59
Duration : 7200.0s
U-min: 265.72 7150.0s
U-max: 1111.69 0.0s

Legacy Parkway

SC-19-277
Location: STRUCTURE 19

Cone: 20 TON A 070
Date: 01:31:00 14:01

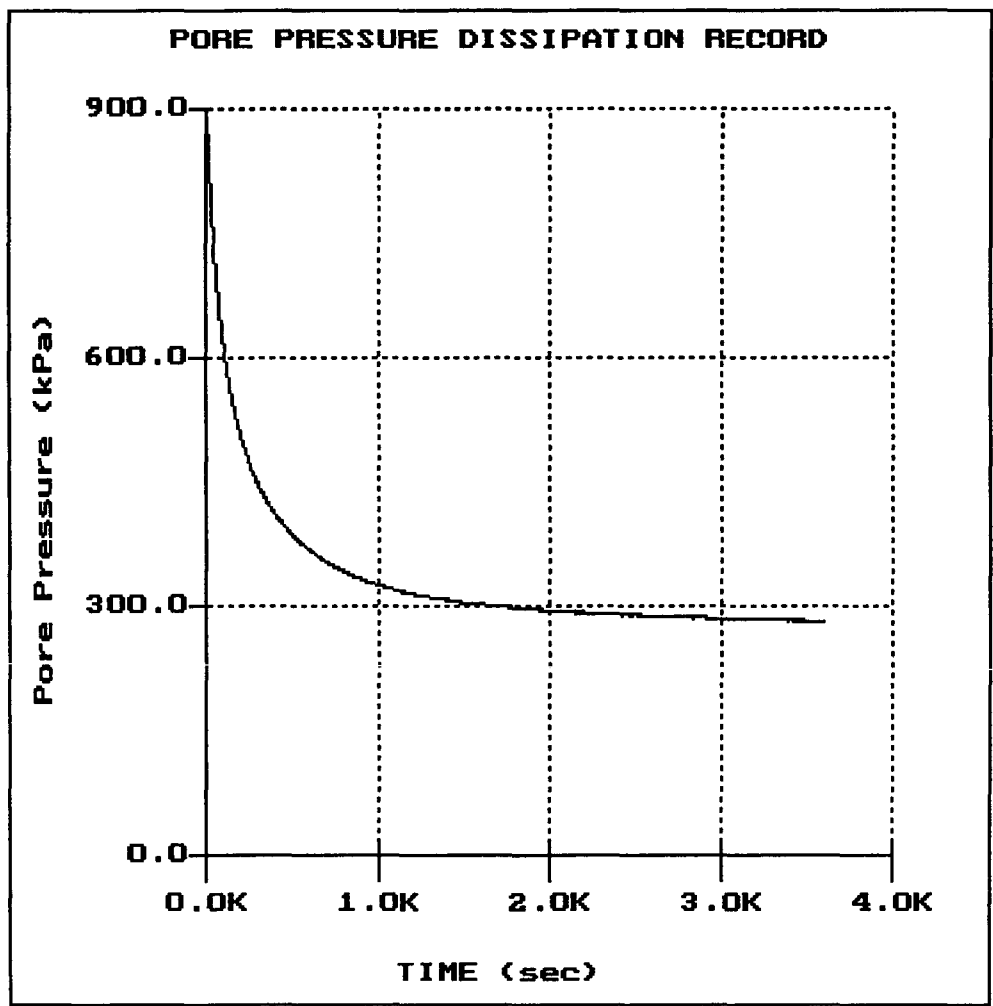


File: 300SC277.PPR
Depth (m): 6.70
 (ft): 21.98
Duration : 7200.0s
U-min: 81.96 7190.0s
U-max: 346.56 0.0s

Legacy Parkway

SC-19-277
Location: STRUCTURE 19

Cone: 20 TON A 070
Date: 01:31:00 14:01



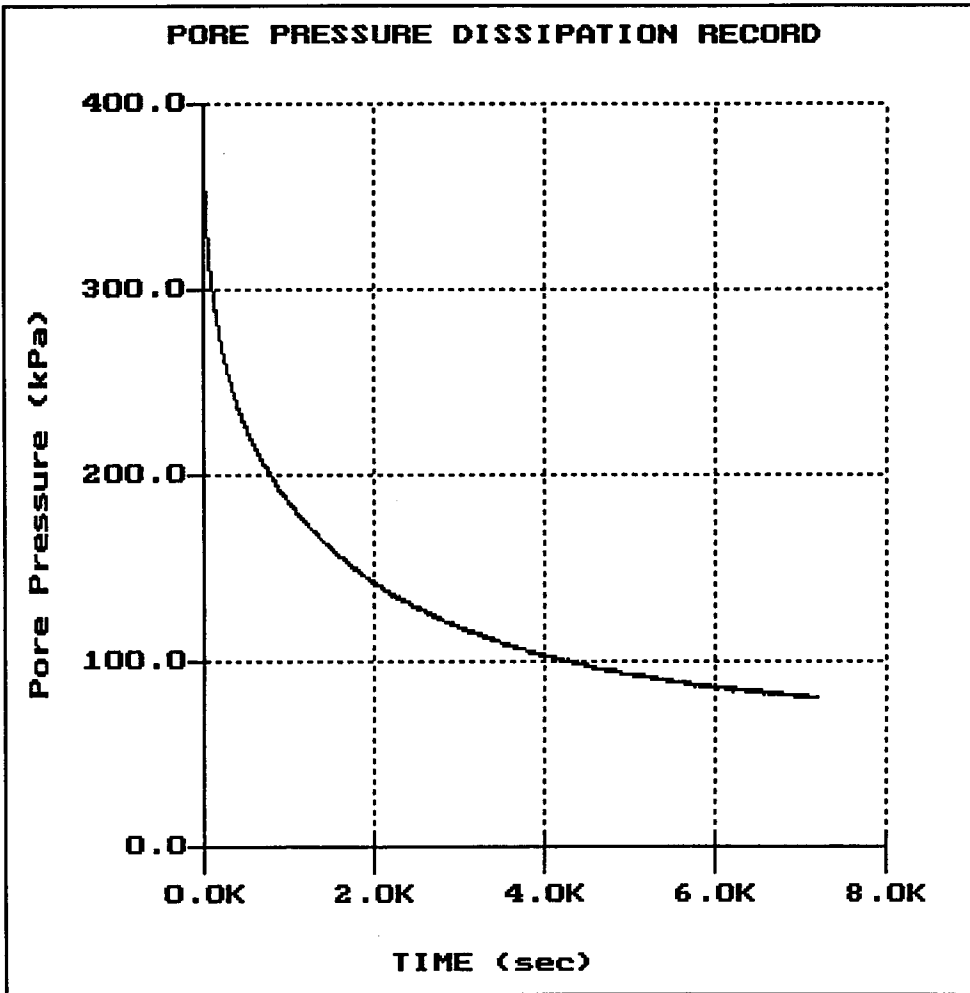
File: 300SC277.PPR
Depth (m): 23.70
 (ft): 77.76
Duration : 3600.0s
U-min: 281.74 3575.0s
U-max: 895.67 0.0s

Legacy Parkway

SC-19-278
Location: STRUCTURE 19

Cone: 20 TON A 092
Date: 02:14:00 11:39

PORE PRESSURE DISSIPATION RECORD

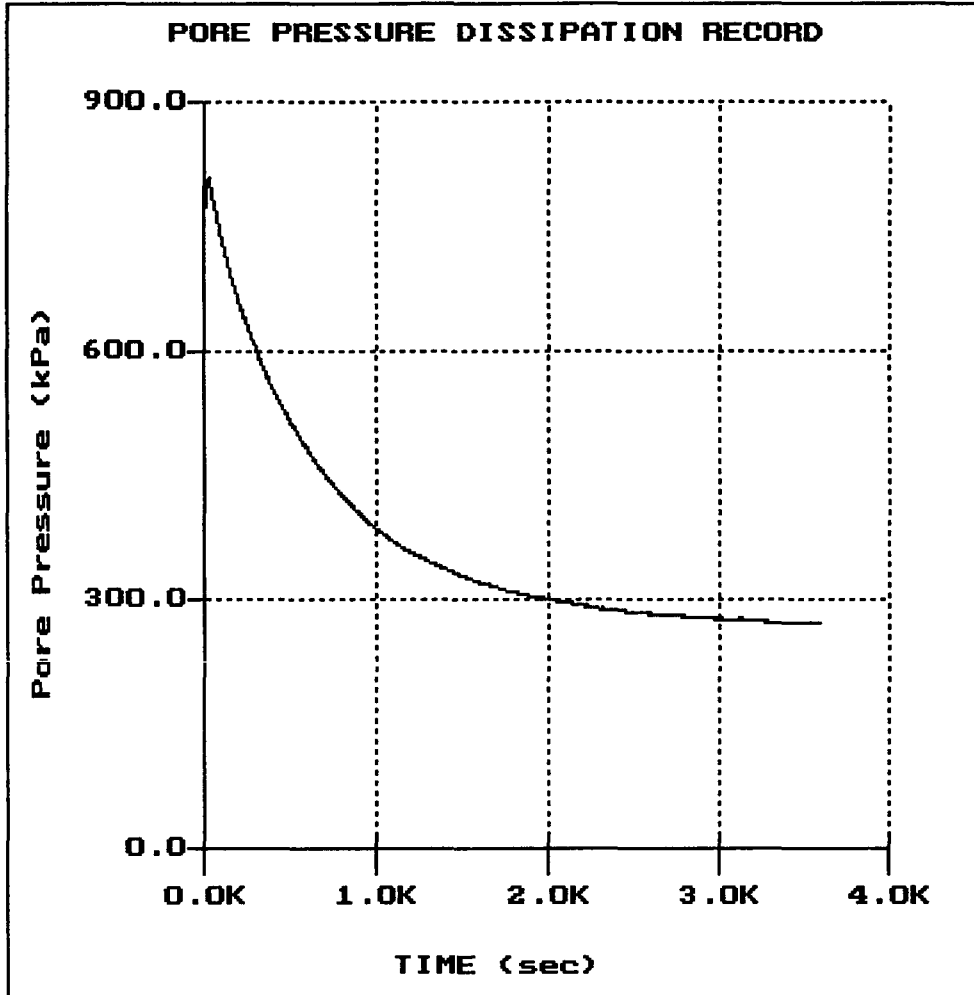


File: 300SC278.PPR
Depth (m): 8.50
(ft): 27.89
Duration: 7200.0s
U-min: 80.25 7165.0s
U-max: 365.89 0.0s

Legacy Parkway

SC-19-278
Location: STRUCTURE 19

Cone: 20 TON A 092
Date: 02:14:00 11:39

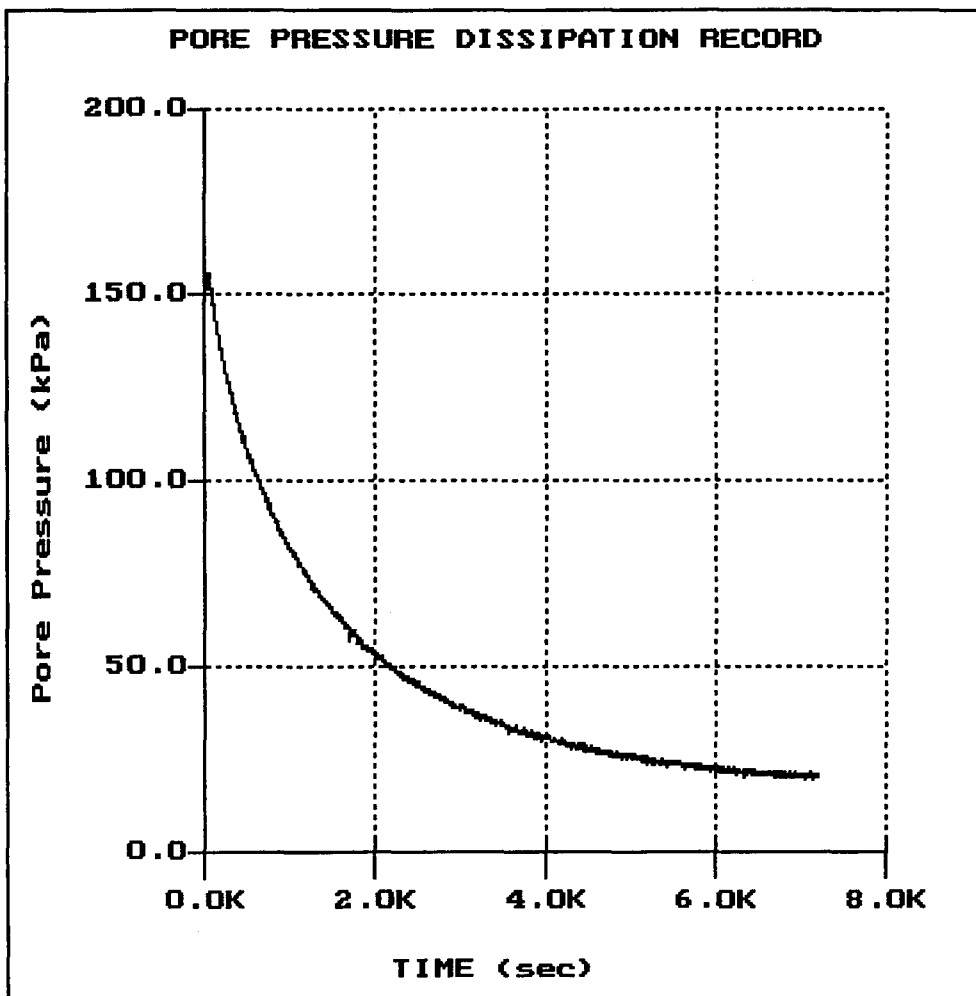


File: 300SC278.PPR
Depth (m): 24.75
(ft): 81.20
Duration: 3600.0s
U-min: 270.91 3590.0s
U-max: 809.78 25.0s

Legacy Parkway

SC-19-280
Location: STRUCTURE 19

Cone: 20 TON A 070
Date: 03:02:00 10:15

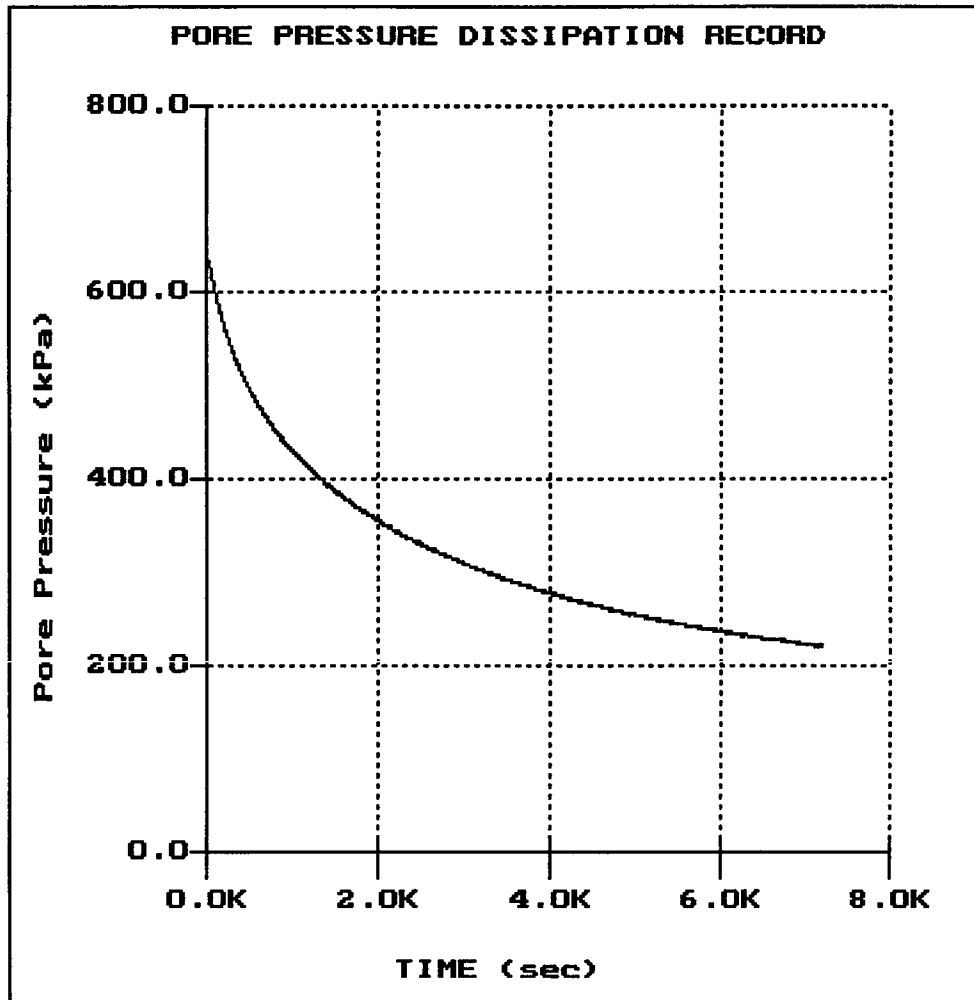


File: 300SC280.PPR
Depth (m): 4.70
(ft): 15.42
Duration : 7200.0s
U-min: 19.70 7130.0s
U-max: 167.85 0.0s

Legacy Parkway

SC-19-280
Location:STRUCTURE 19

Cone: 20 TON A 070
Date:03:02:00 10:15

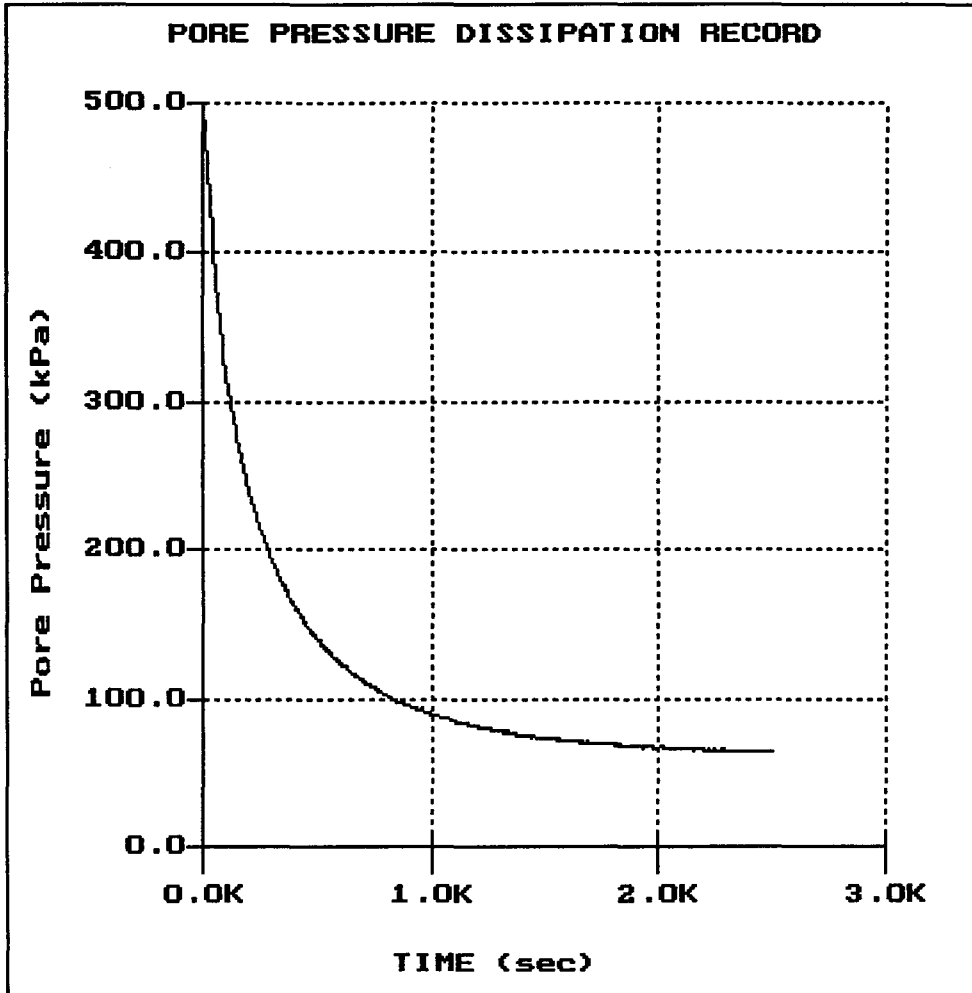


File: 300SC280.PPR
Depth (m): 17.70
(ft): 58.07
Duration : 7200.0s
U-min: 220.18 7195.0s
U-max: 633.77 25.0s

Legacy Parkway

SC-21-283
Location: STRUCTURE 21

Cone: 20 TON A 092
Date: 02:16:00 08:47

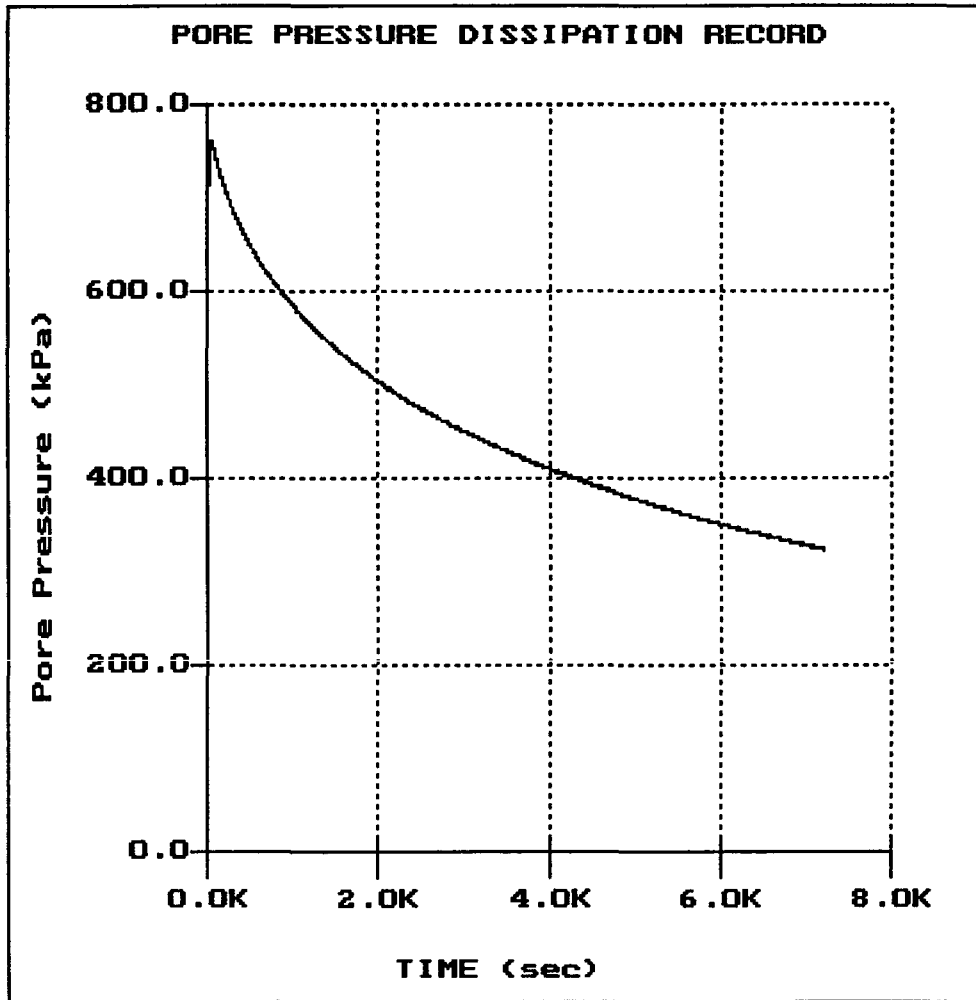


File: 300SC283.PPR
Depth (m): 14.75
(ft): 48.39
Duration : 2500.0s
U-min: 63.41 2495.0s
U-max: 487.52 10.0s

Legacy Parkway

SC-21-283
Location: STRUCTURE 21

Cone: 20 TON A 092
Date: 02:16:00 08:47

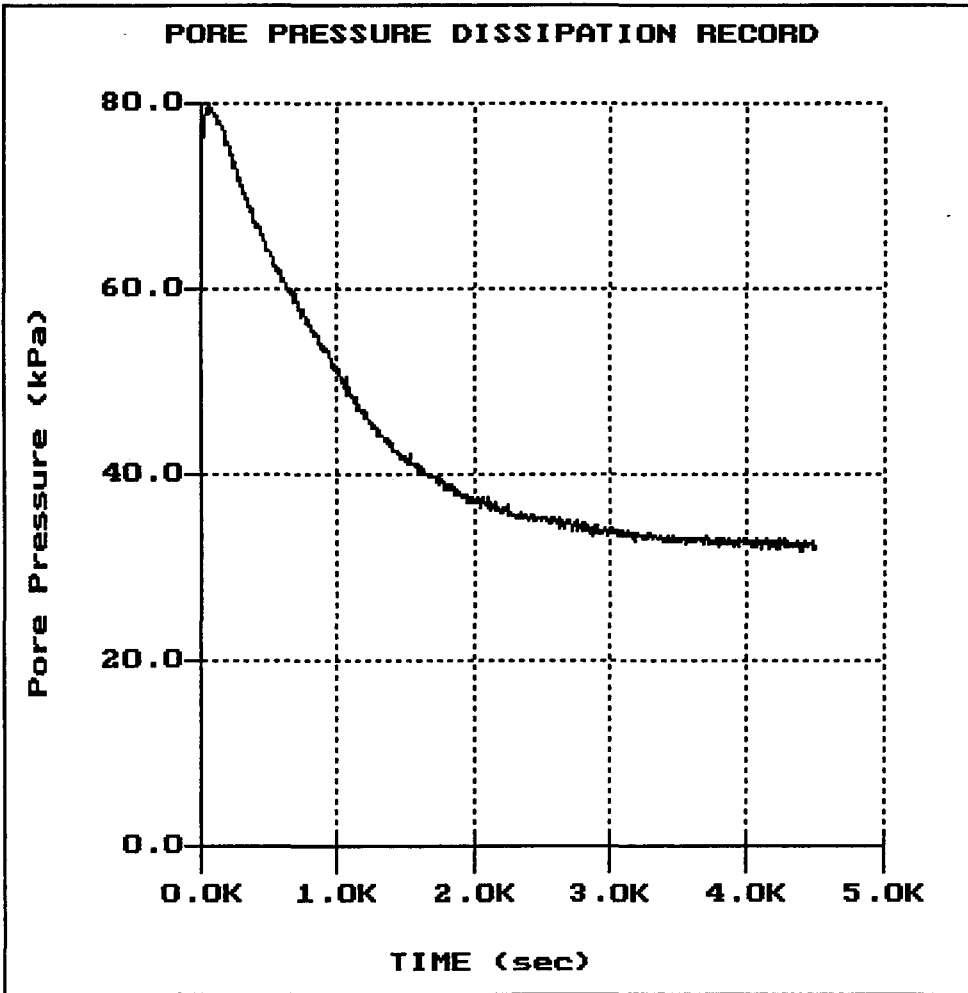


File: 300SC283.PPR
Depth (m): 21.10
(ft): 69.23
Duration: 7200.0s
U-min: 323.52 7200.0s
U-max: 762.08 40.0s

Legacy Parkway

SC-22-286
Location: STRUCTURE 22

Cone: 20 TON A 092
Date: 02:15:00 15:39

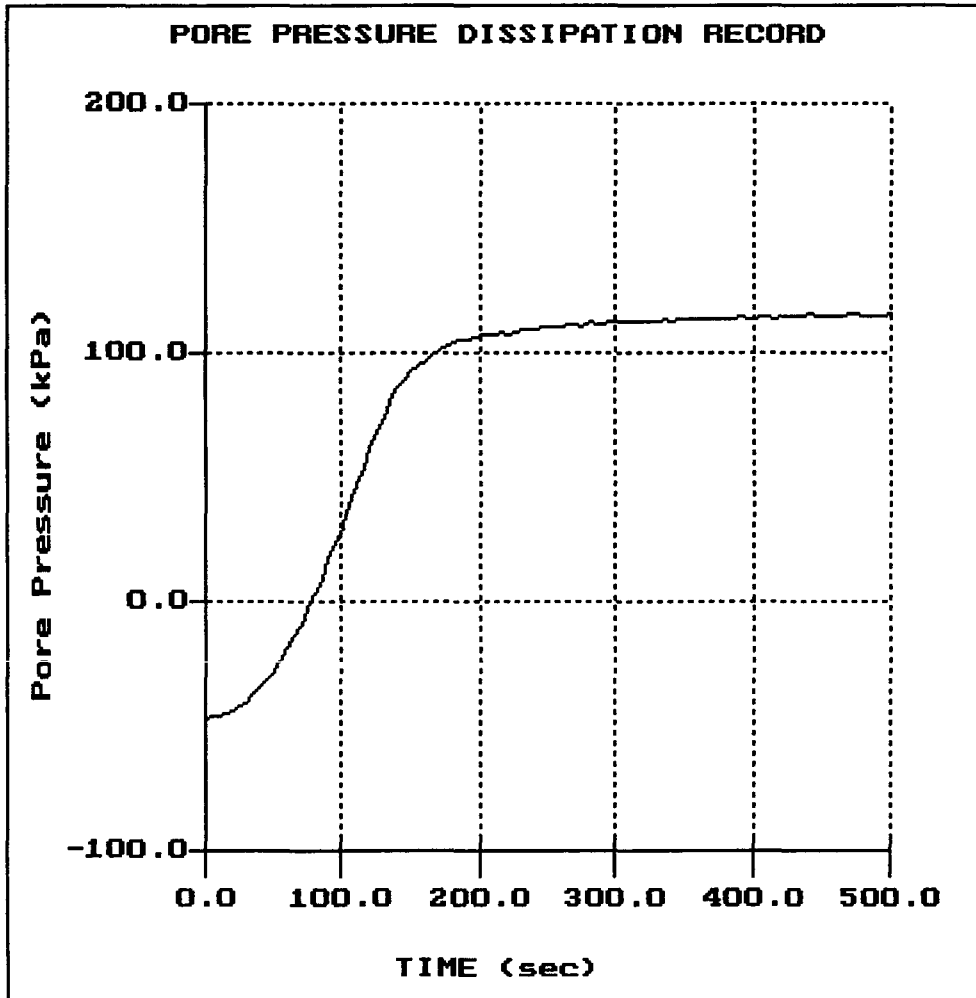


File: 300SC286.PPR
Depth (m): 4.65
(ft): 15.26
Duration : 4500.0s
U-min: 31.60 4395.0s
U-max: 80.00 50.0s

Legacy Parkway

SC-22-287
Location: STRUCTURE 22

Cone: 20 TON A 070
Date: 03:01:00 09:37

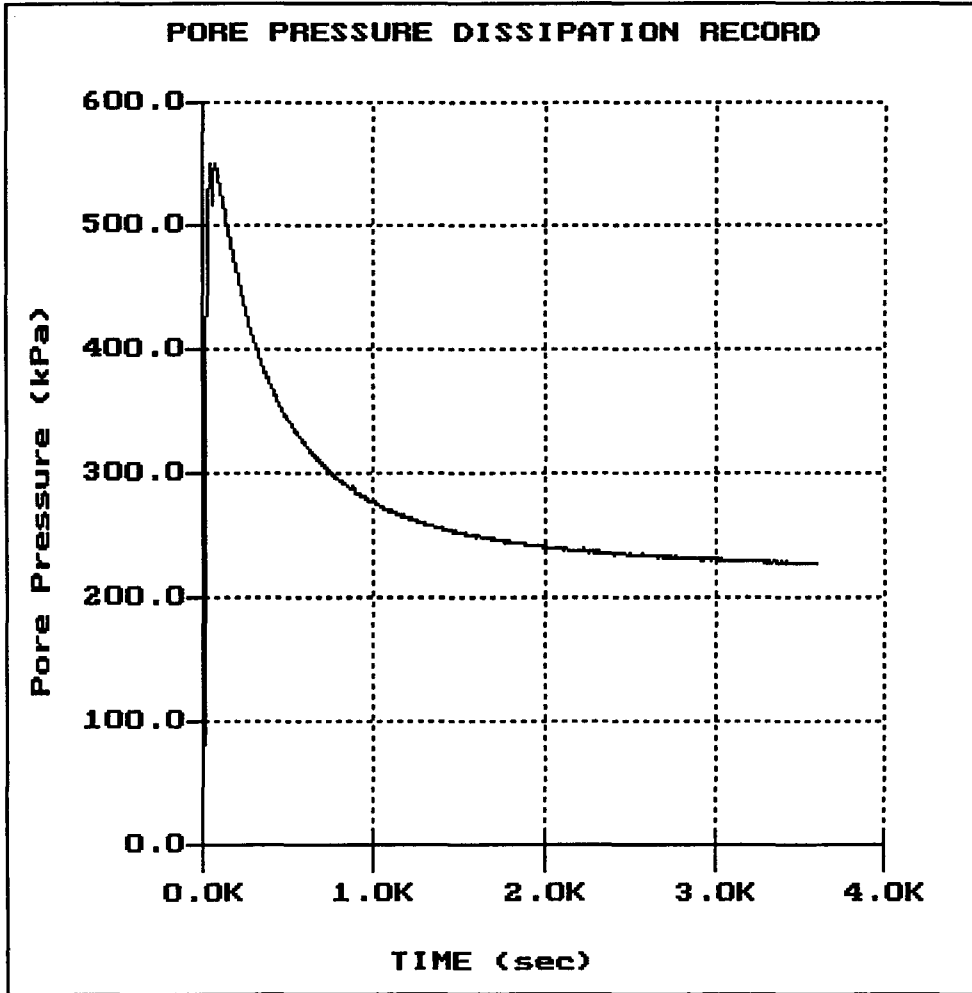


File: 300SC287.PPR
Depth (m): 13.70
 (ft): 44.95
Duration : 500.0s
U-min: -46.89 0.0s
U-max: 115.57 475.0s

Legacy Parkway

SC-22-287
Location: STRUCTURE 22

Cone: 20 TON A 070
Date: 03:01:00 09:37



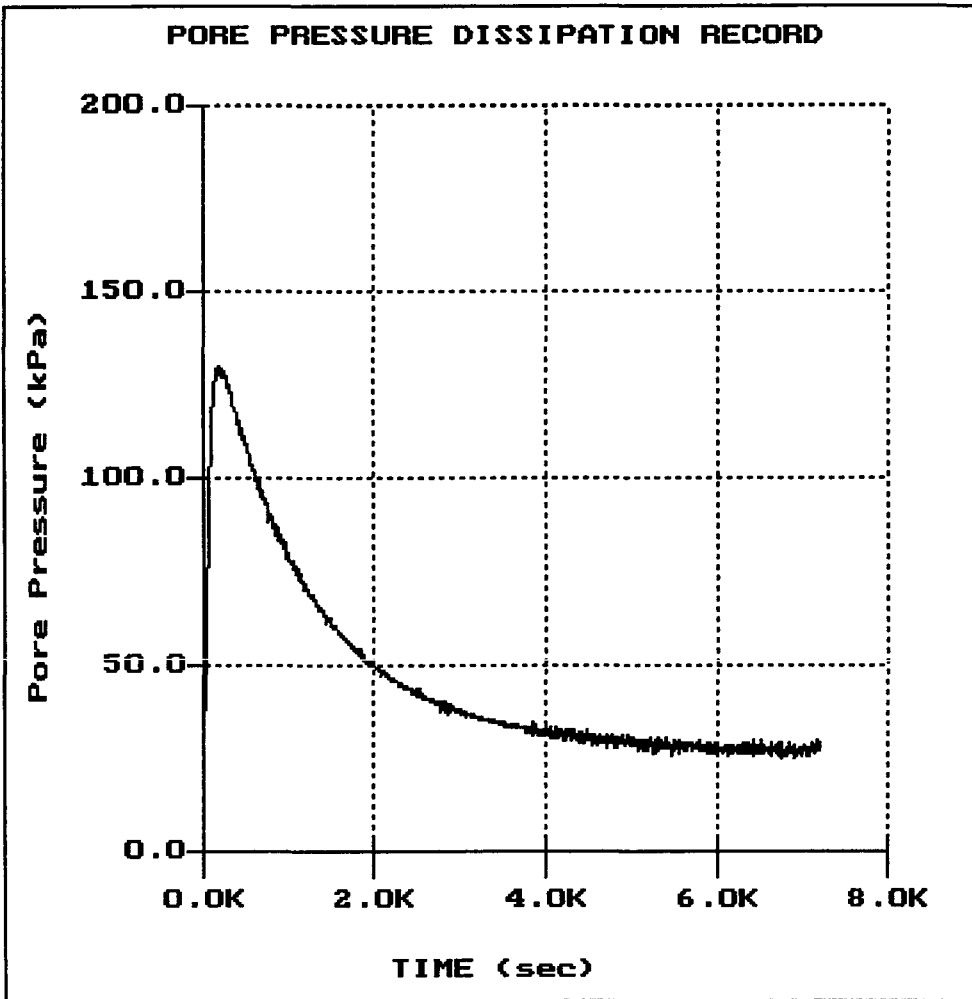
File: 300SC287.PPR
Depth (m): 22.80
 (ft): 74.80
Duration : 3600.0s
U-min: 9.93 0.0s
U-max: 549.92 50.0s

Legacy Parkway

SC-23-290A
Location: STRUCTURE 23

Cone: 20 TON A 058
Date: 02:22:00 14:59

PORE PRESSURE DISSIPATION RECORD

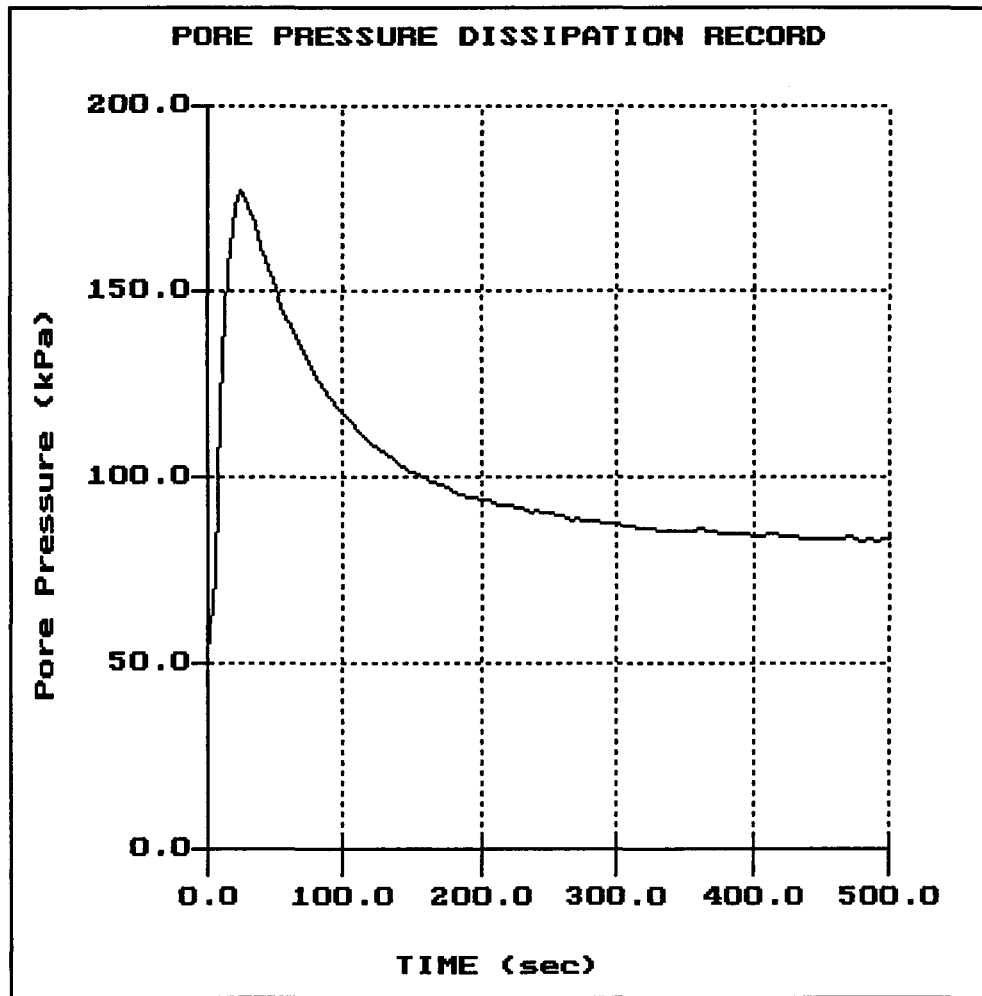


File: 300S290A.PPR
Depth (m): 2.30
(ft): 7.55
Duration: 7200.0s
U-min: 18.60 0.0s
U-max: 129.90 180.0s

Legacy Parkway

SC-23-290B
Location: STRUCTURE 23

Cone: 20 TON A 092
Date: 02:10:00 11:33

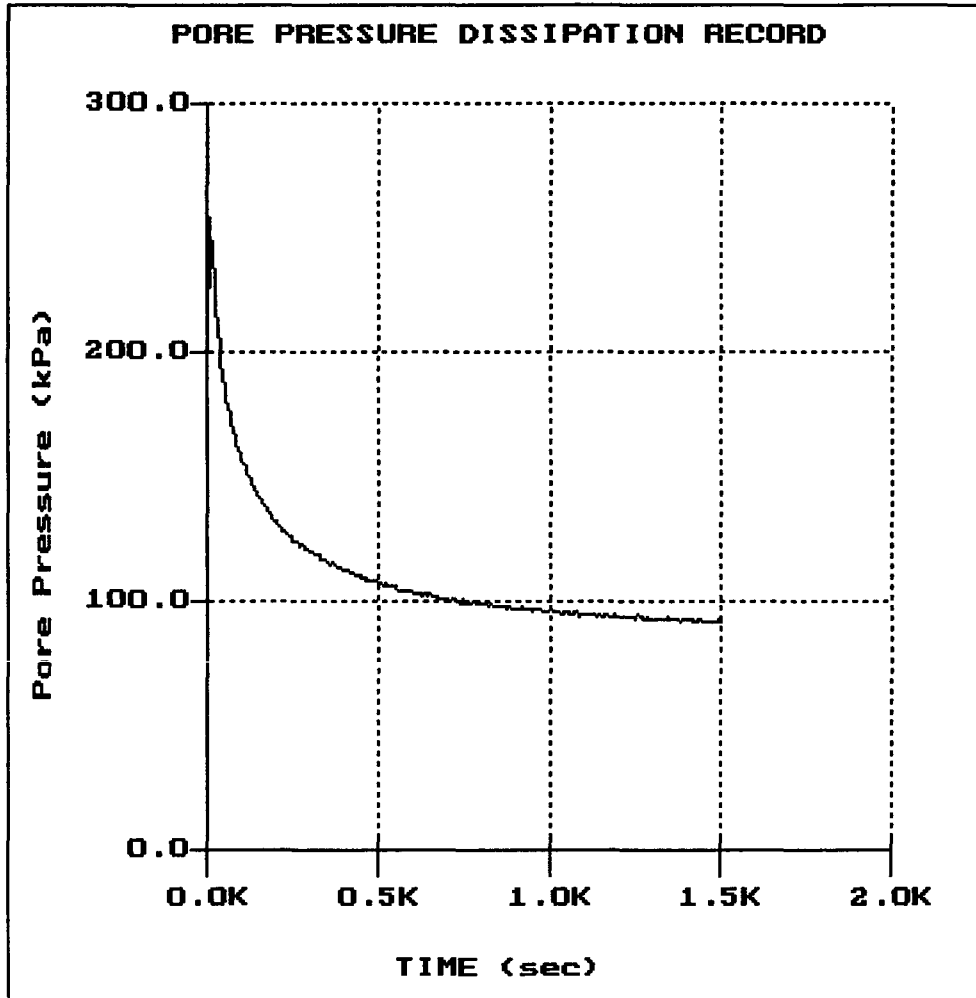


File: 300S290B.PPR
Depth (m): 10.55
 (ft): 34.61
Duration : 500.0s
U-min: 51.63 0.0s
U-max: 176.91 25.0s

Legacy Parkway

SC-23-290B
Location: STRUCTURE 23

Cone: 20 TON A 092
Date: 02:10:00 11:33

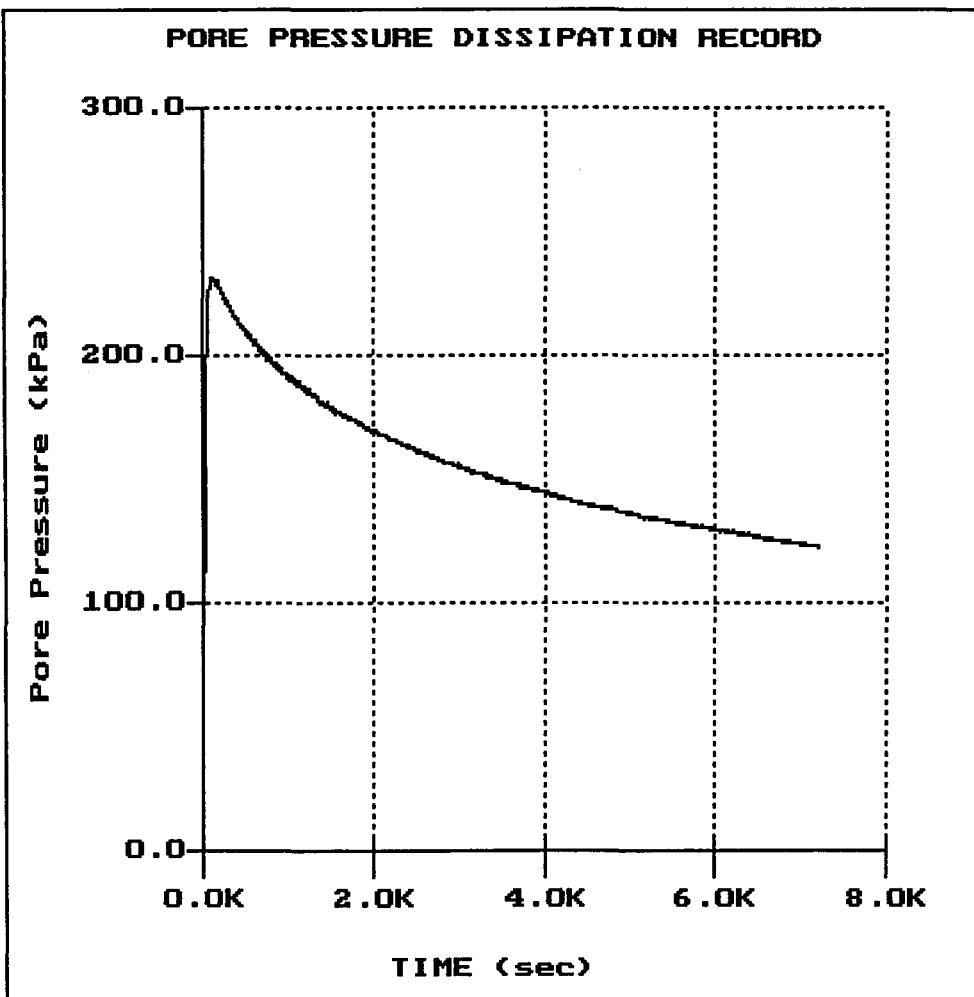


File: 300S290B.PPR
Depth (m): 11.20
(ft): 36.75
Duration: 1500.0s
U-min: 91.33 1485.0s
U-max: 253.93 5.0s

Legacy Parkway

SC-24-256
Location: STRUCTURE 24

Cone: 20 TON A 092
Date: 02:22:00 11:04

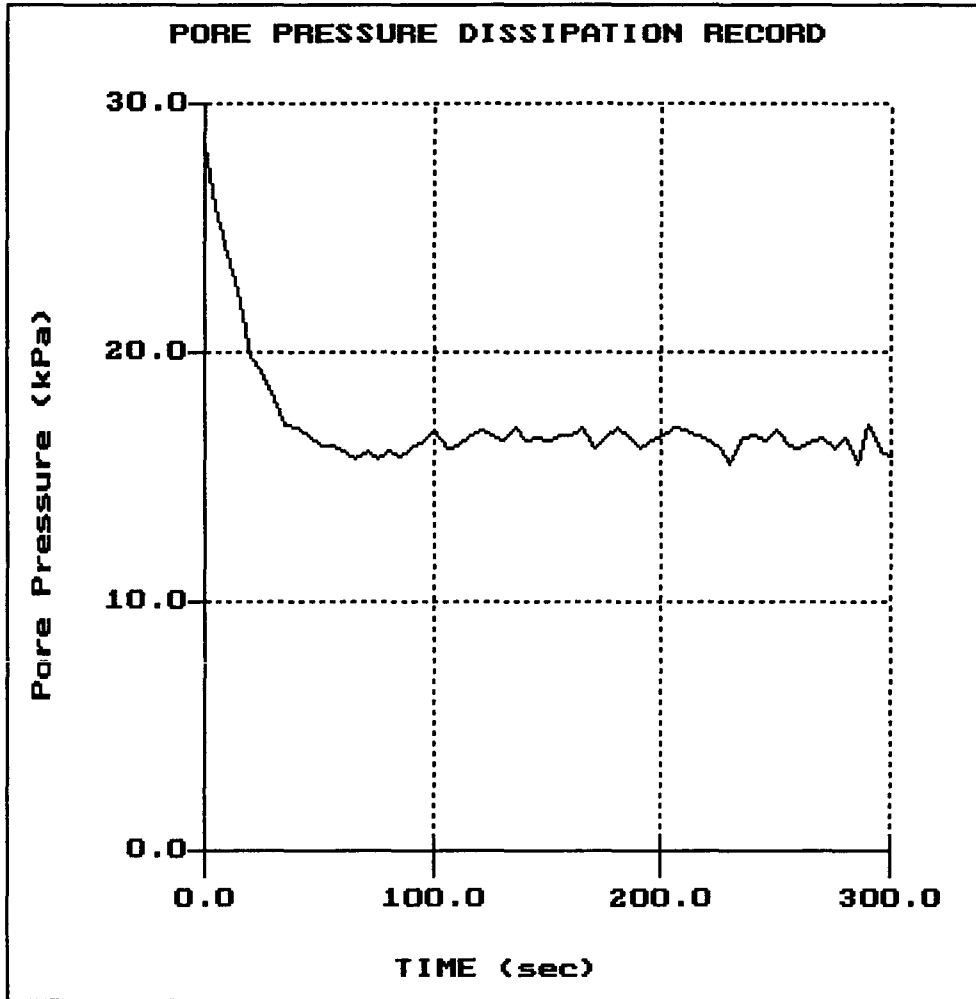


File: 300SC256.PPR
Depth (m): 9.50
(ft): 31.17
Duration : 7200.0s
U-min: 72.40 0.0s
U-max: 231.10 120.0s

Legacy Parkway

SC-24-257
Location: STRUCTURE 24

Cone: 20 TON A 092
Date: 02:10:00 14:15

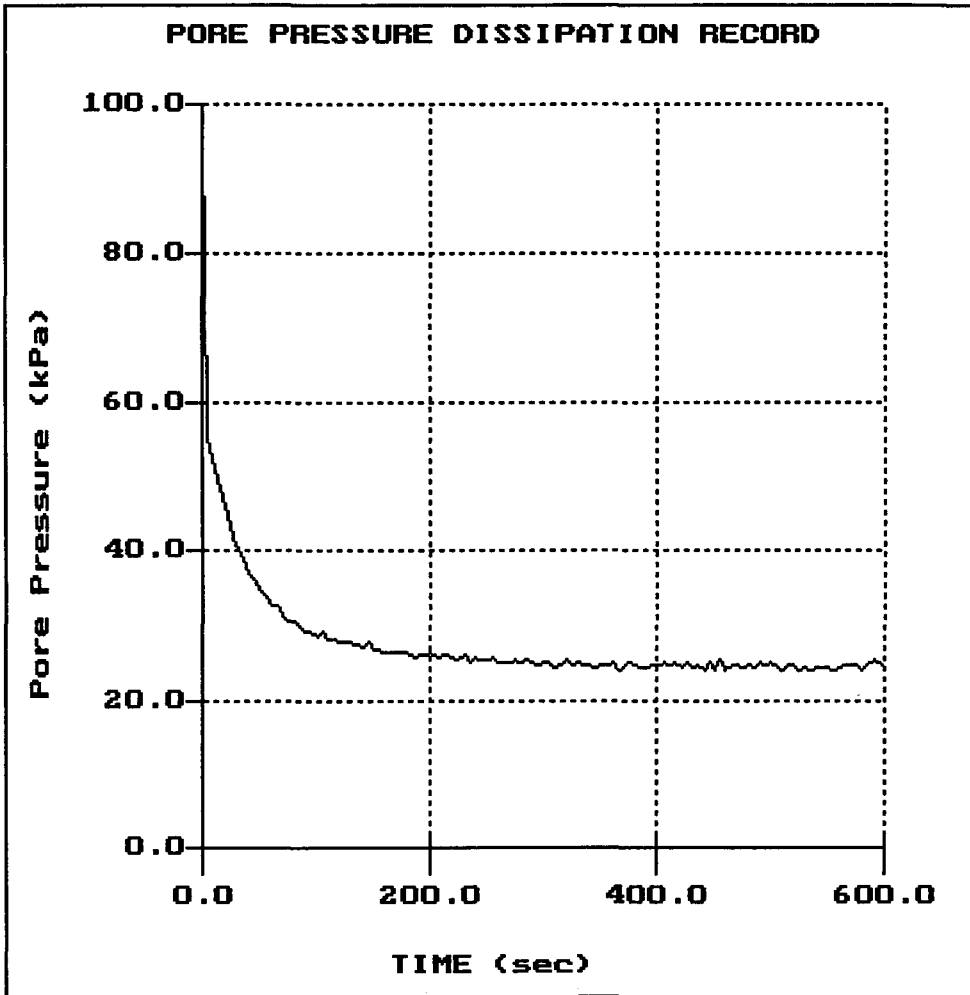


File: 300SC257.PPR
Depth (m): 4.00
(ft): 13.12
Duration: 300.0s
U-min: 15.57 285.0s
U-max: 28.48 0.0s

Legacy Parkway

SC-24-257
Location: STRUCTURE 24

Cone: 20 TON A 092
Date: 02:10:00 14:15

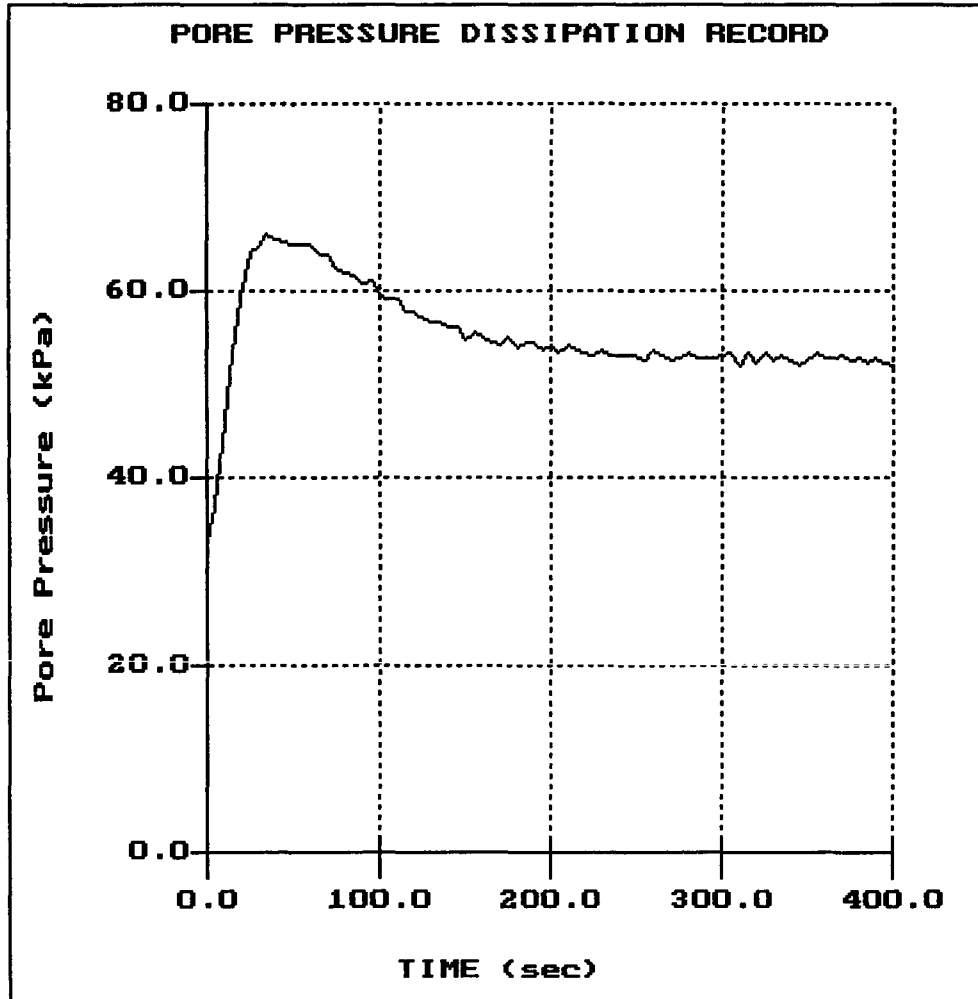


File: 300SC257.PPR
Depth (m): 4.85
(ft): 15.91
Duration: 600.0s
U-min: 23.85 580.0s
U-max: 98.49 0.0s

Legacy Parkway

SC-25-335
Location: STRUCTURE 25

Cone: 20 TON A 070
Date: 02:29:00 09:41

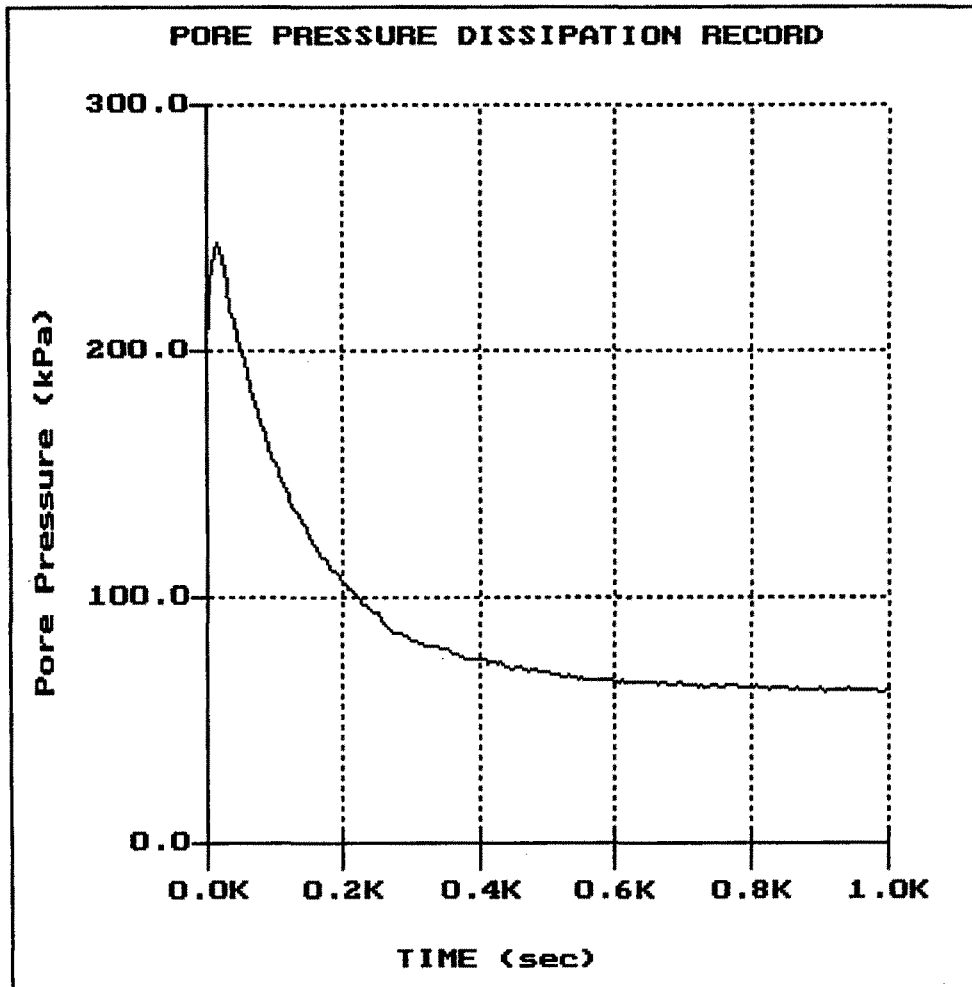


File: 300SC335.PPR
Depth (m): 7.25
(ft): 23.79
Duration: 400.0s
U-min: 33.11 0.0s
U-max: 66.22 35.0s

Legacy Parkway

SC-25-335
Location: STRUCTURE 25

Cone: 20 TON A 070
Date: 02:29:00 09:41

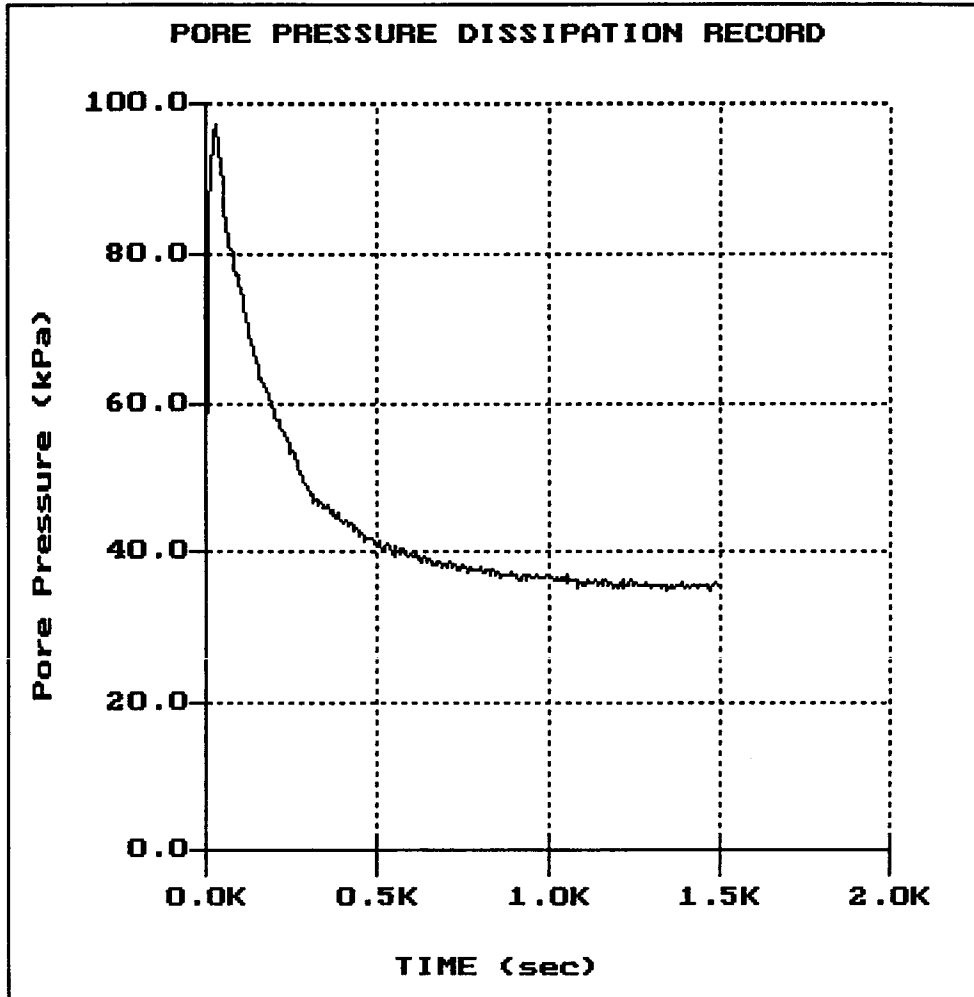


File: 300SC335.PPR
Depth (m): 7.85
(ft): 25.75
Duration: 1000.0s
U-min: 61.45 985.0s
U-max: 243.83 15.0s

Legacy Parkway

SC-26-338
Location: STRUCTURE 26

Cone: 20 TON A 070
Date: 02:29:00 11:04

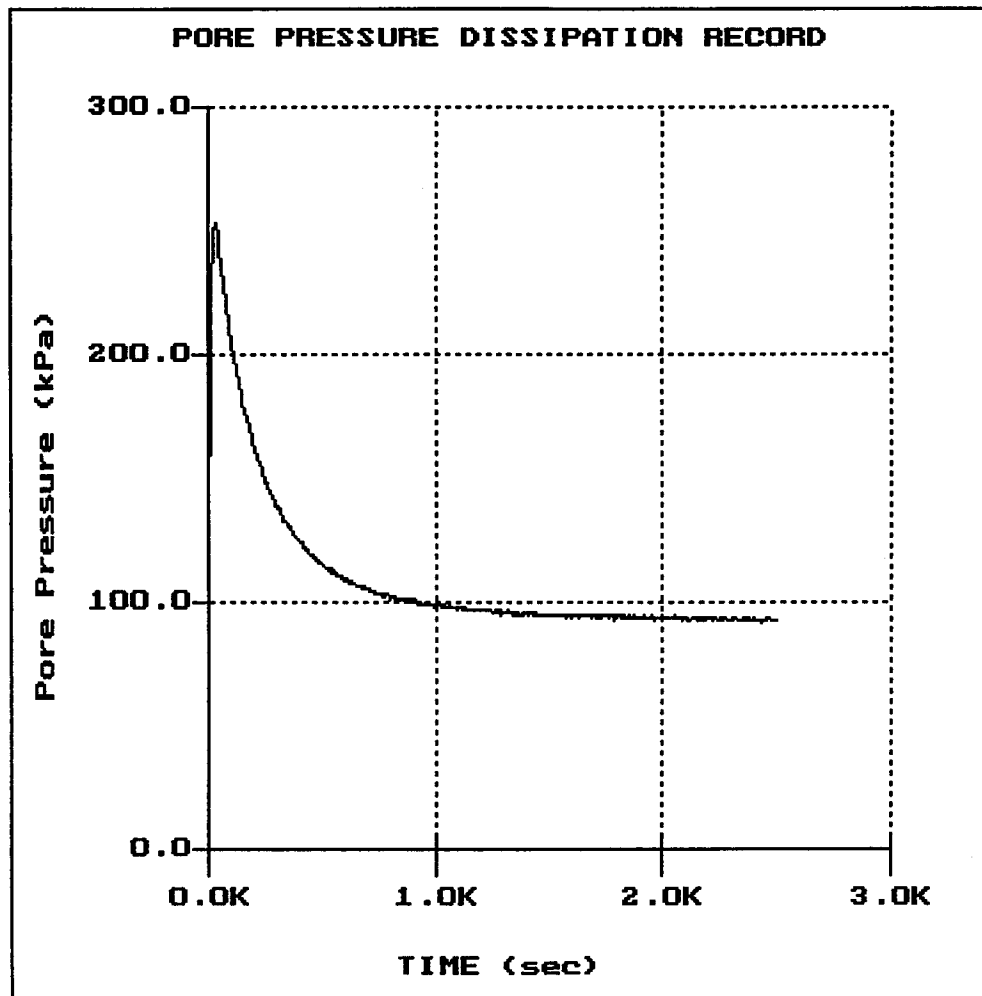


File: 300SC338.PPR
Depth (m): 5.85
(ft): 19.19
Duration: 1500.0s
U-min: 34.83 1470.0s
U-max: 97.26 30.0s

Legacy Parkway

SC-27-341
Location: STRUCTURE 27

Cone: 20 TON A 092
Date: 02:16:00 13:23

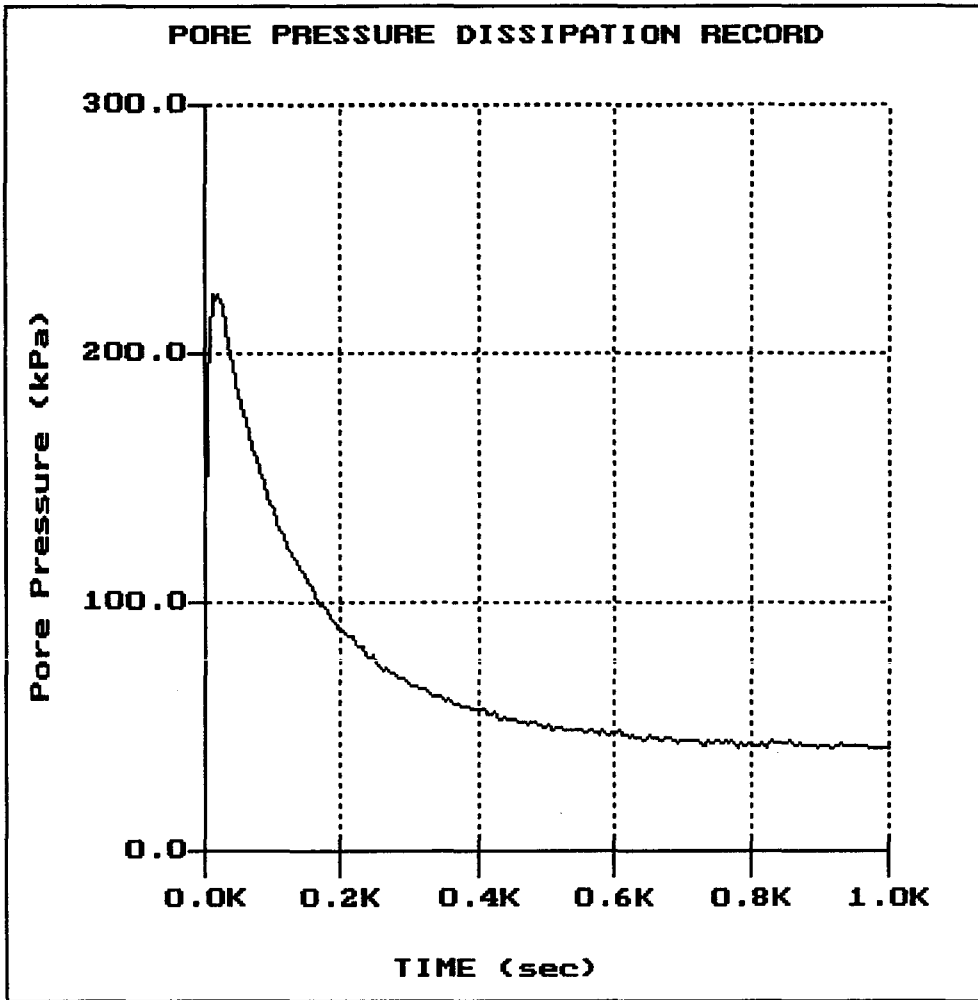


File: 300SC341.PPR
Depth (m): 11.65
 (ft): 38.22
Duration : 2500.0s
U-min: 58.50 0.0s
U-max: 253.51 30.0s

Legacy Parkway

SC-27-342
Location: STRUCTURE 27

Cone: 20 TON A 092
Date: 02:15:00 10:31

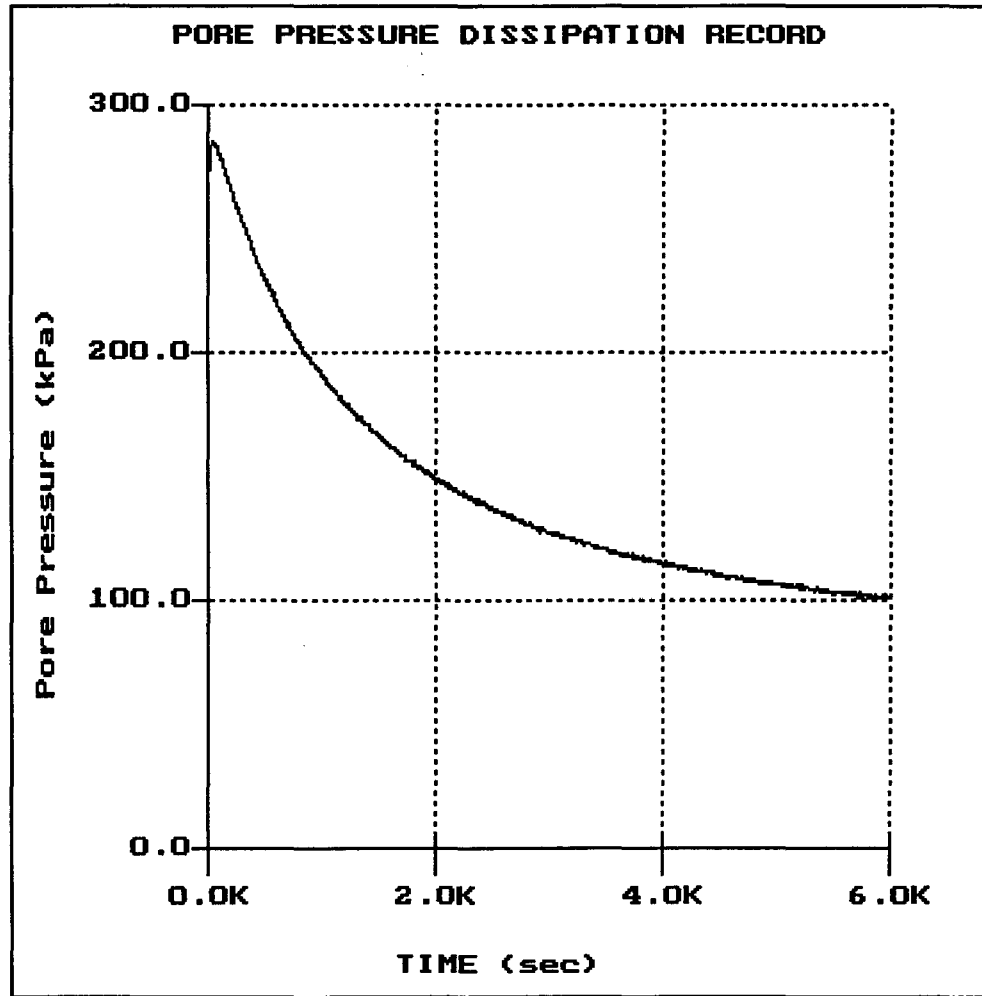


File: 300SC342.PPR
Depth (m): 6.00
(ft): 19.69
Duration: 1000.0s
U-min: 41.20 970.0s
U-max: 223.60 20.0s

Legacy Parkway

SC-27-344
Location: STRUCTURE 27

Cone: 20 TON A 070
Date: 02:29:00 12:42

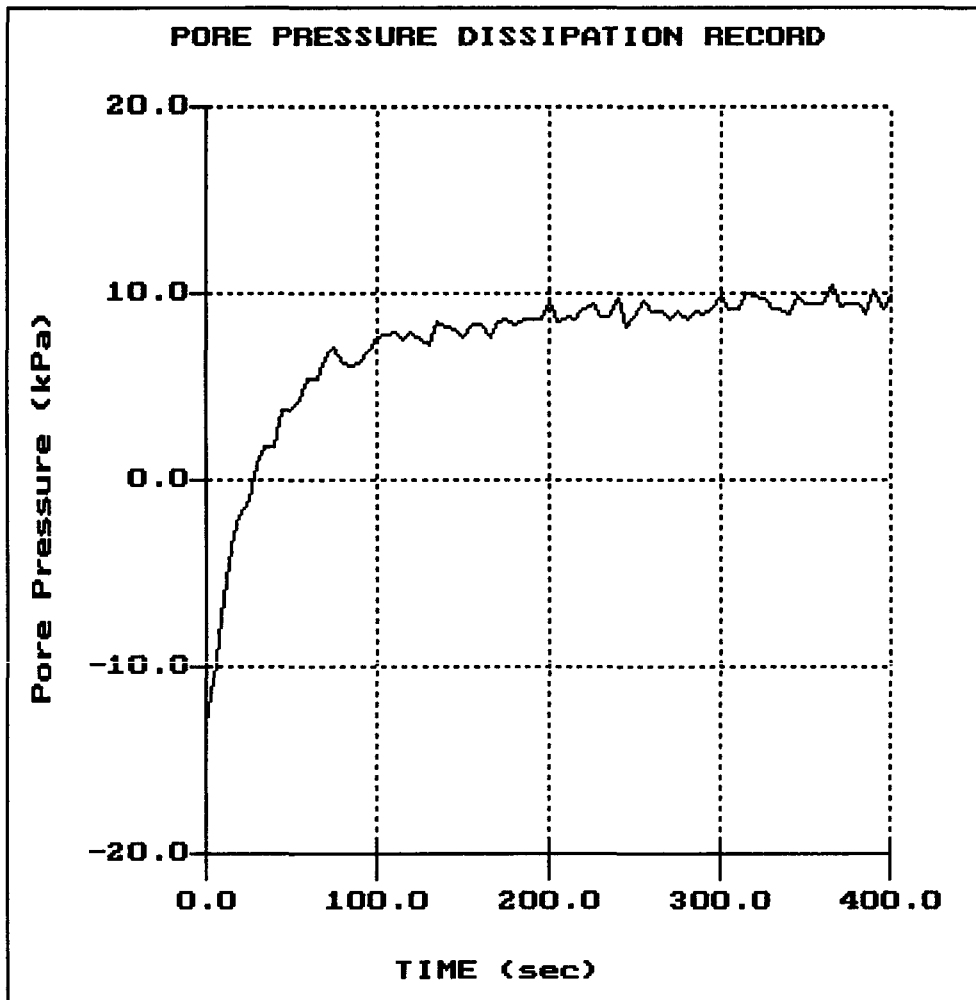


File: 300SC344.PPR
Depth (m): 9.60
(ft): 31.50
Duration: 6000.0s
U-min: 100.31 5960.0s
U-max: 285.64 50.0s

Legacy Parkway

SC-29-349
Location: STRUCTURE 29

Cone: 20 TON A 070
Date: 02:28:00 11:03

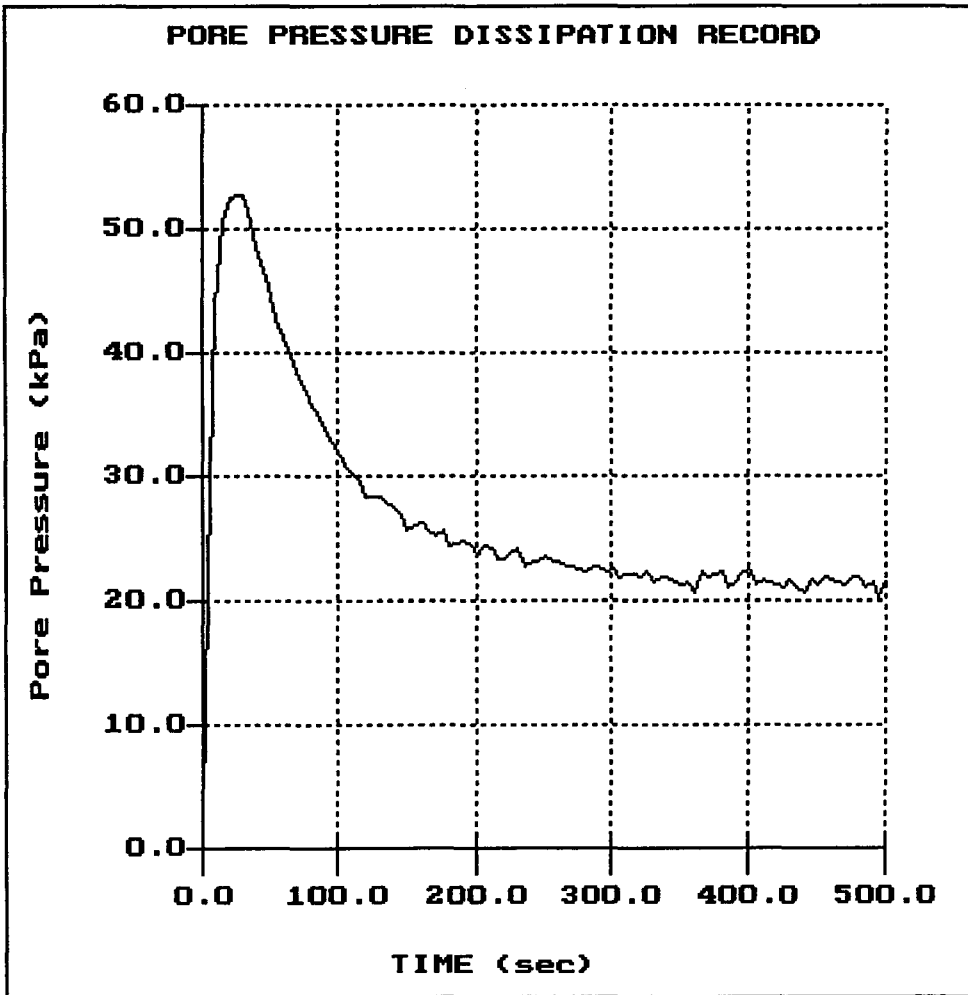


File: 300SC349.PPR
Depth (m): 3.05
(ft): 10.01
Duration: 400.0s
U-min: -13.14 0.0s
U-max: 10.43 365.0s

Legacy Parkway

SC-29-349
Location: STRUCTURE 29

Cone: 20 TON A 070
Date: 02:28:00 11:03

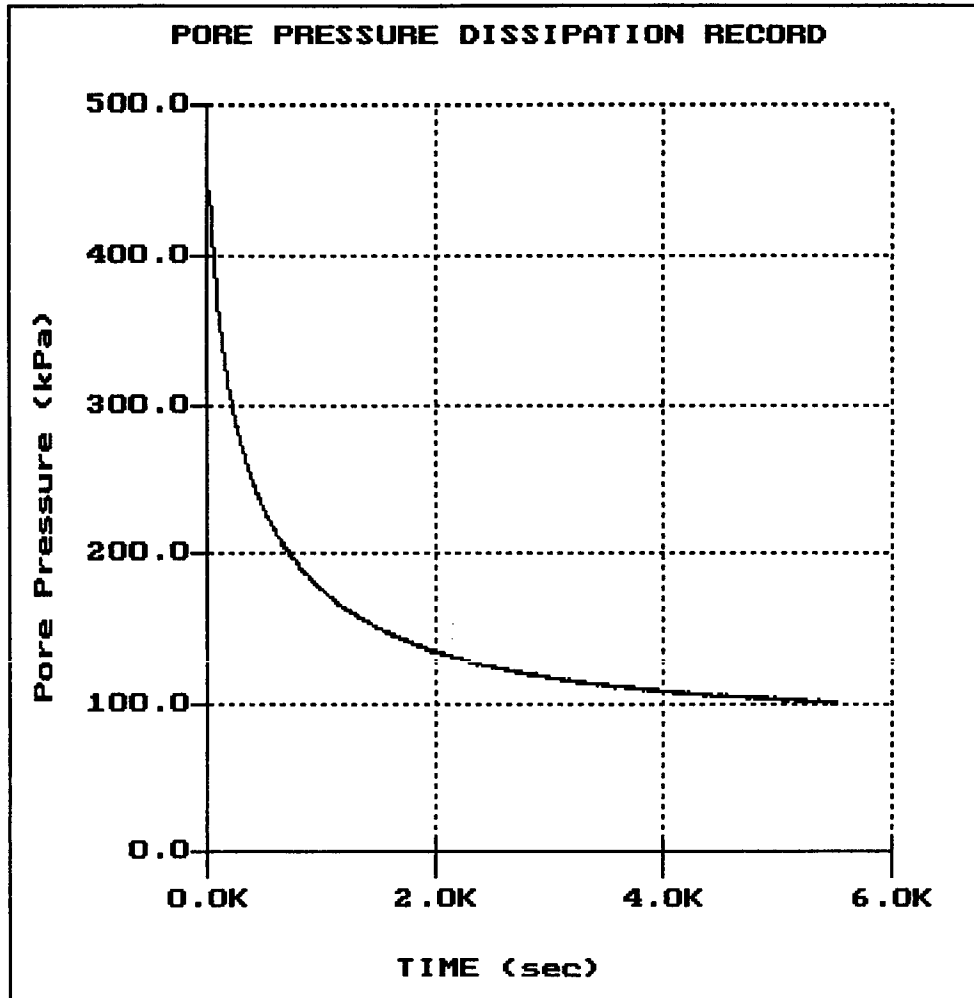


File: 300SC349.PPR
Depth (m): 4.25
(ft): 13.94
Duration : 500.0s
U-min: 2.29 0.0s
U-max: 52.80 30.0s

Legacy Parkway

SC-29-349
Location: STRUCTURE 29

Cone: 20 TON A 070
Date: 02:28:00 11:03

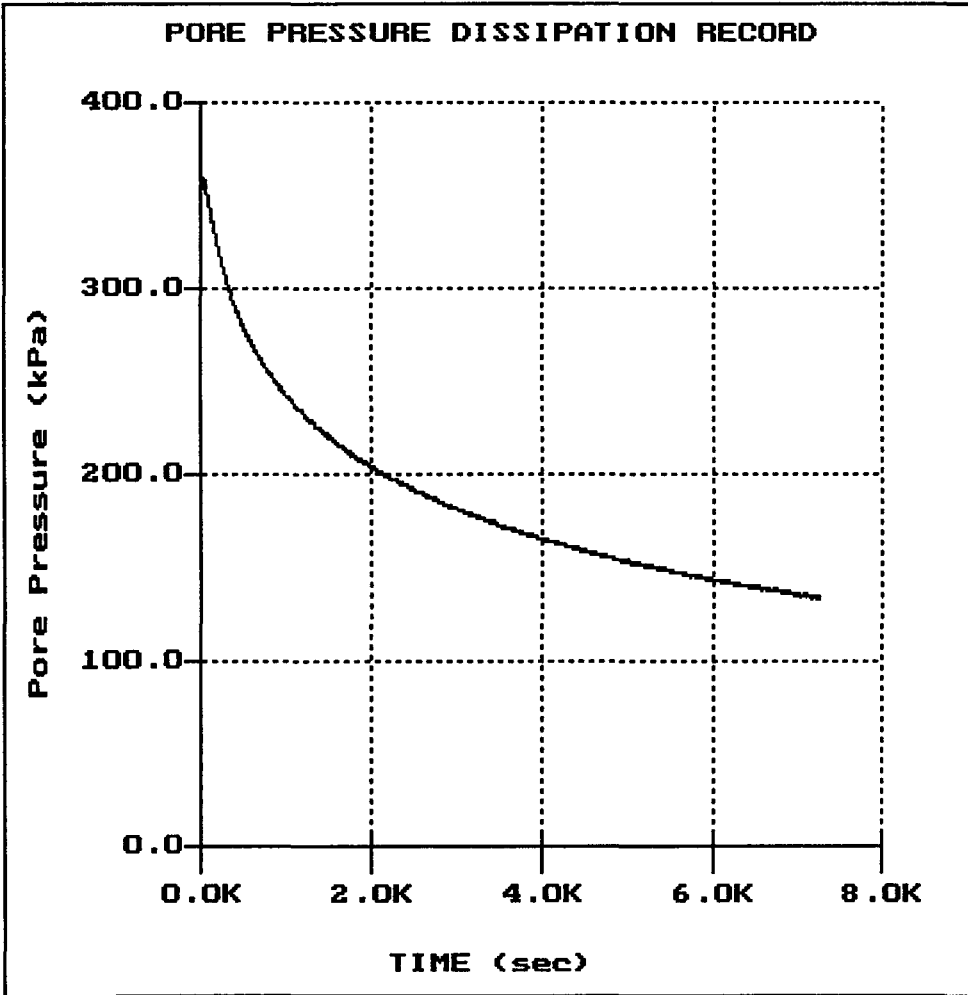


File: 300SC349.PPR
Depth (m): 10.75
 (ft): 35.27
Duration : 5500.0s
U-min: 99.51 5425.0s
U-max: 442.81 20.0s

Legacy Parkway

SC-31-353
Location: STRUCTURE 31

Cone: 20 TON A 070
Date: 05:03:00 08:09

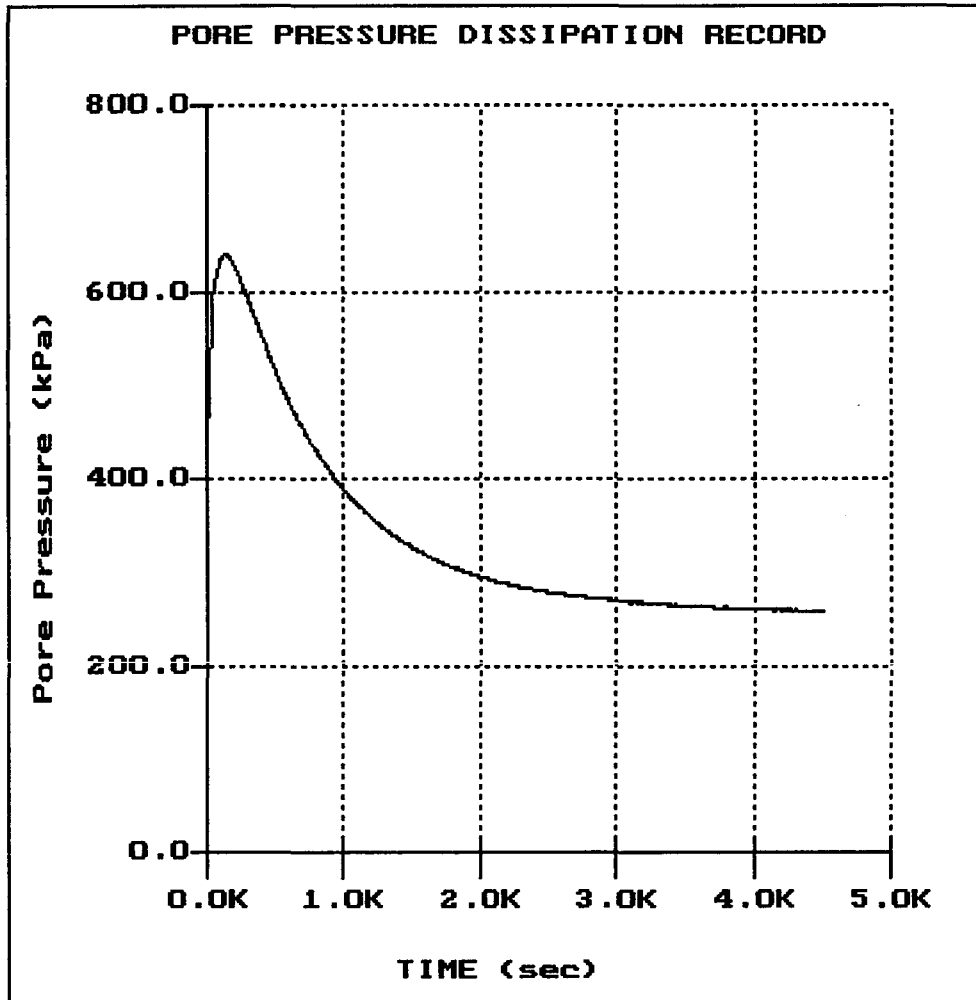


File: 300SC353.PPR
Depth (m): 9.15
(ft): 30.02
Duration : 7260.0s
U-min: 133.36 7230.0s
U-max: 359.82 40.0s

Legacy Parkway

SC-31-353
Location: STRUCTURE 31

Cone: 20 TON A 070
Date: 05:03:00 08:09

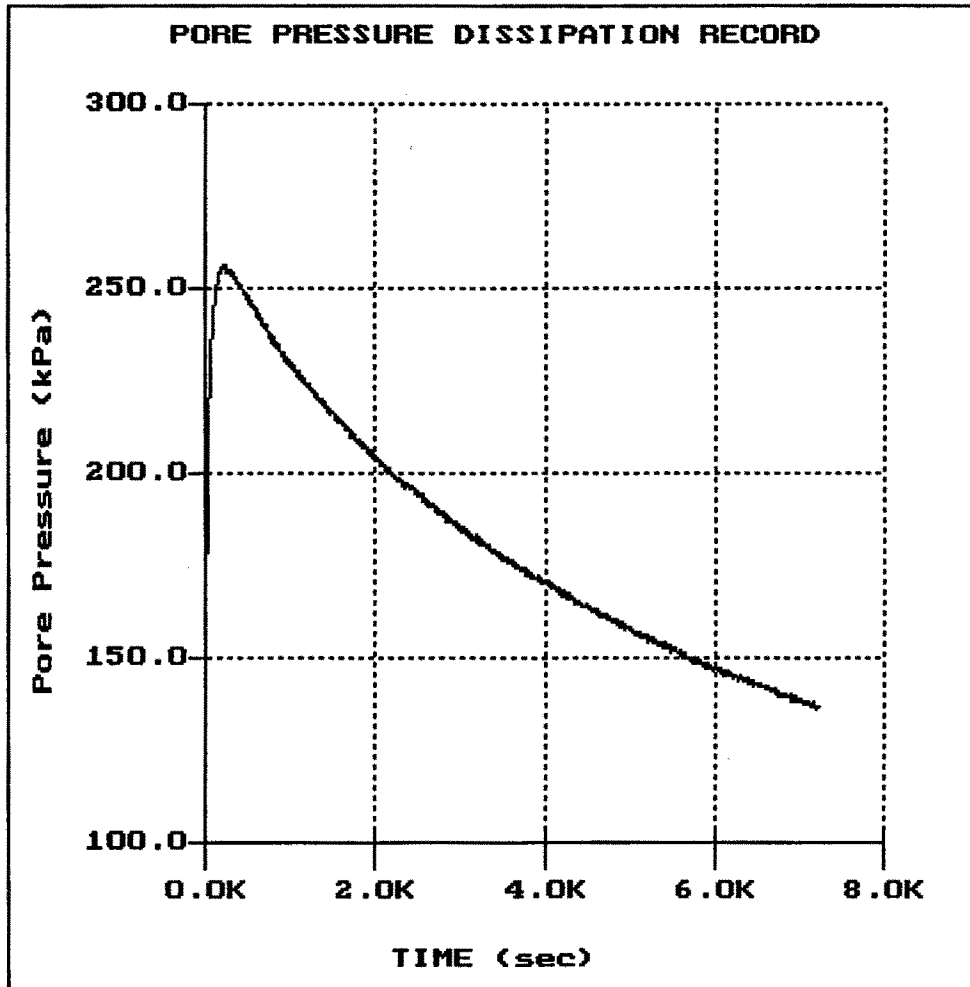


File: 300SC353.PPR
Depth (m): 22.70
 (ft): 74.48
Duration : 4500.0s
U-min: 258.10 4445.0s
U-max: 641.30 130.0s

Legacy Parkway

SC-31-356
Location: STRUCTURE 31

Cone: 20 TON A 070
Date: 05:02:00 08:54



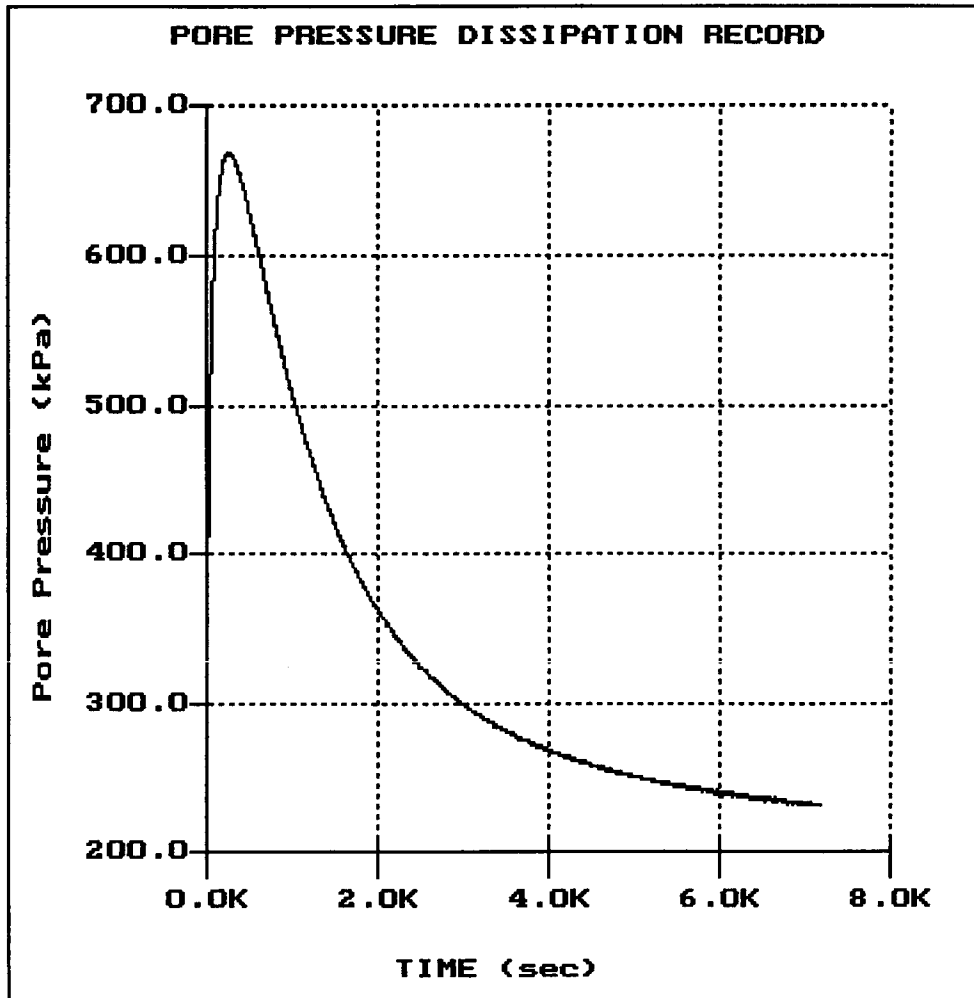
File: 300SC356.PPR
Depth (m): 7.80
(ft): 25.59
Duration : 7215.0s
U-min: 129.68 0.0s
U-max: 256.33 230.0s

Legacy Parkway

SC-31-356
Location: STRUCTURE 31

Cone: 20 TON A 070
Date: 05:02:00 08:54

PORE PRESSURE DISSIPATION RECORD

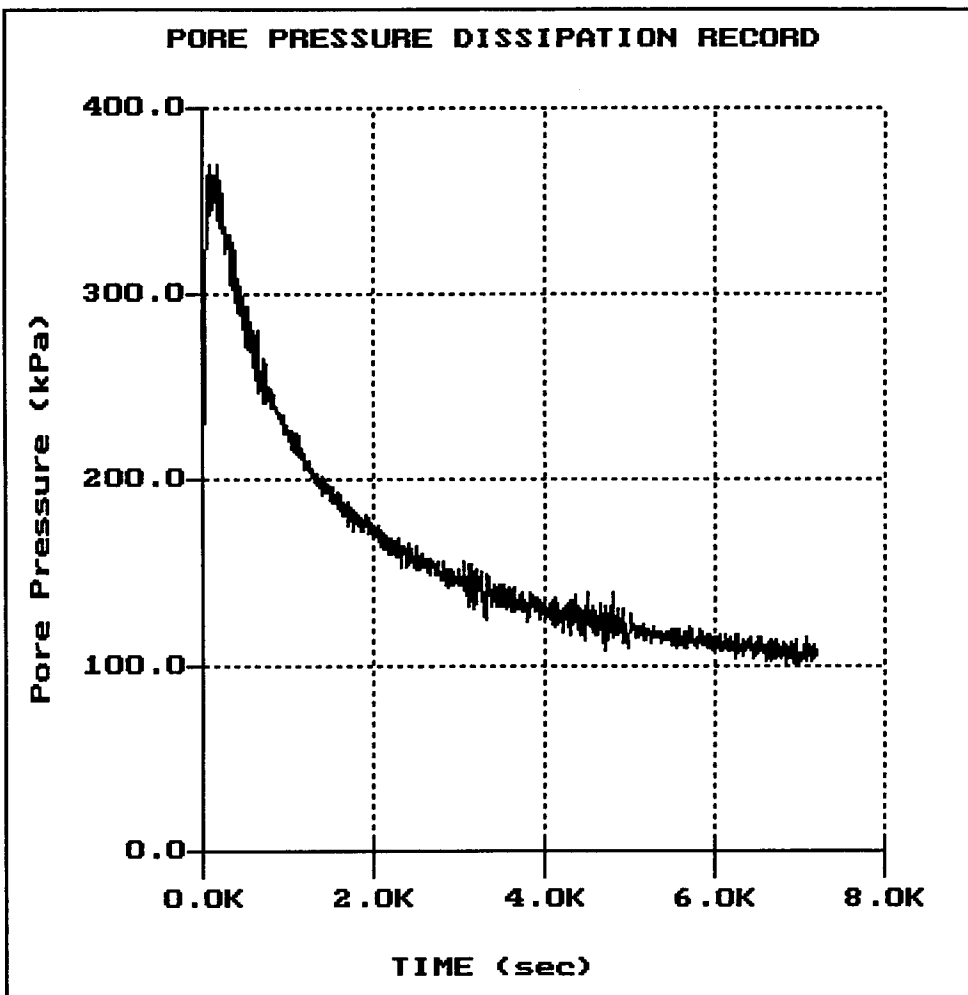


File: 300SC356.PPR
Depth (m): 18.70
(ft): 61.35
Duration : 7205.0s
U-min: 230.53 7195.0s
U-max: 668.64 260.0s

Legacy Parkway

SC-33-358
Location: STRUCTURE 33

Cone: 20 TON A 070
Date: 05:04:00 18:34

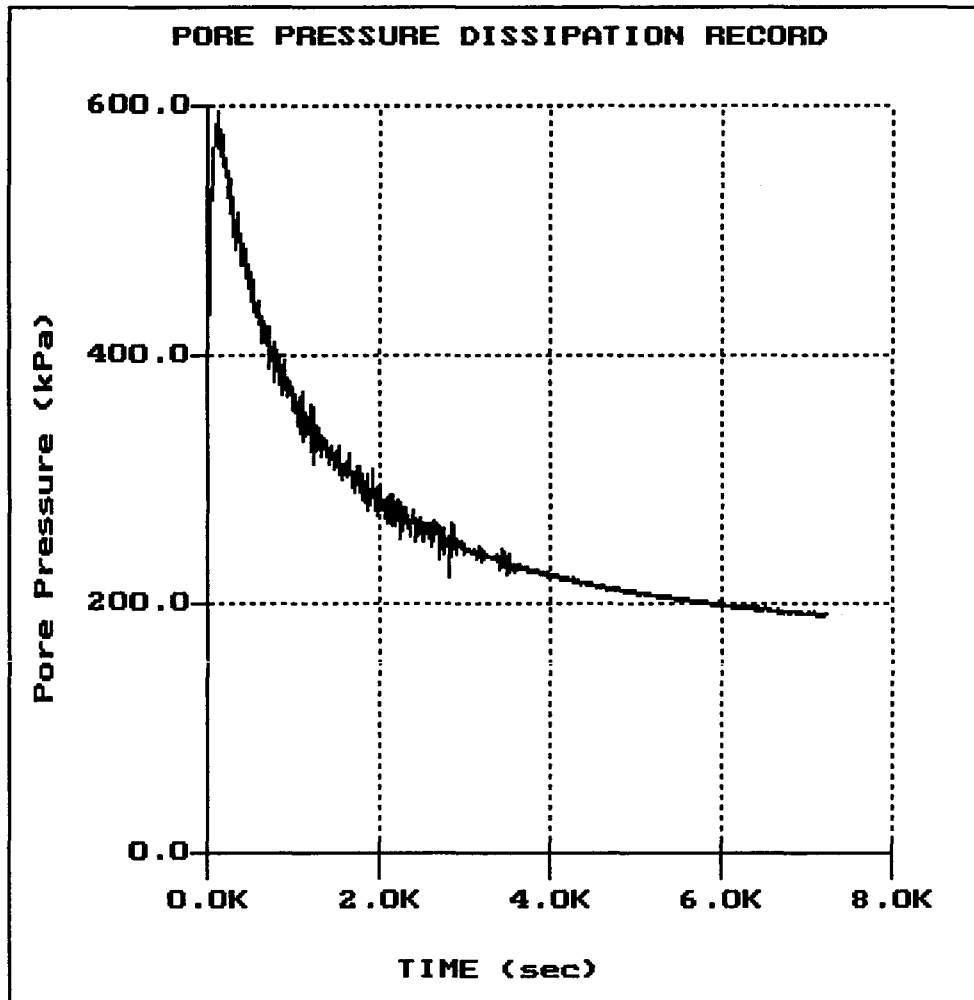


File: 300SC358.PPR
Depth (m): 10.85
(ft): 35.60
Duration: 7200.0s
U-min: 100.46 6955.0s
U-max: 369.64 80.0s

Legacy Parkway

SC-33-358
Location: STRUCTURE 33

Cone: 20 TON A 070
Date: 05:04:00 18:34

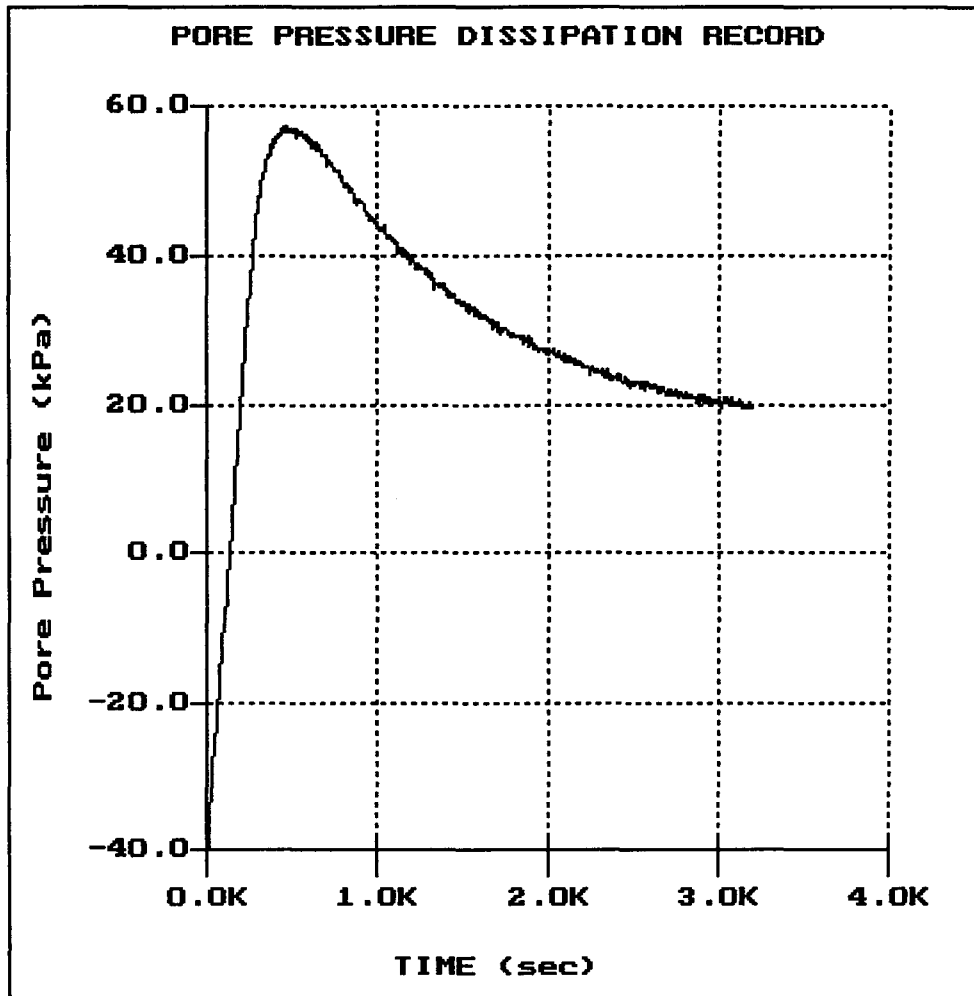


File: 300SC358.PPR
Depth (m): 17.85
(ft): 58.56
Duration: 7210.0s
U-min: 189.73 7200.0s
U-max: 596.06 130.0s

Legacy Parkway

WC-9-227
Location:RET. WALL 9

Cone: 20 TON A 058
Date:01:07:00 11:34

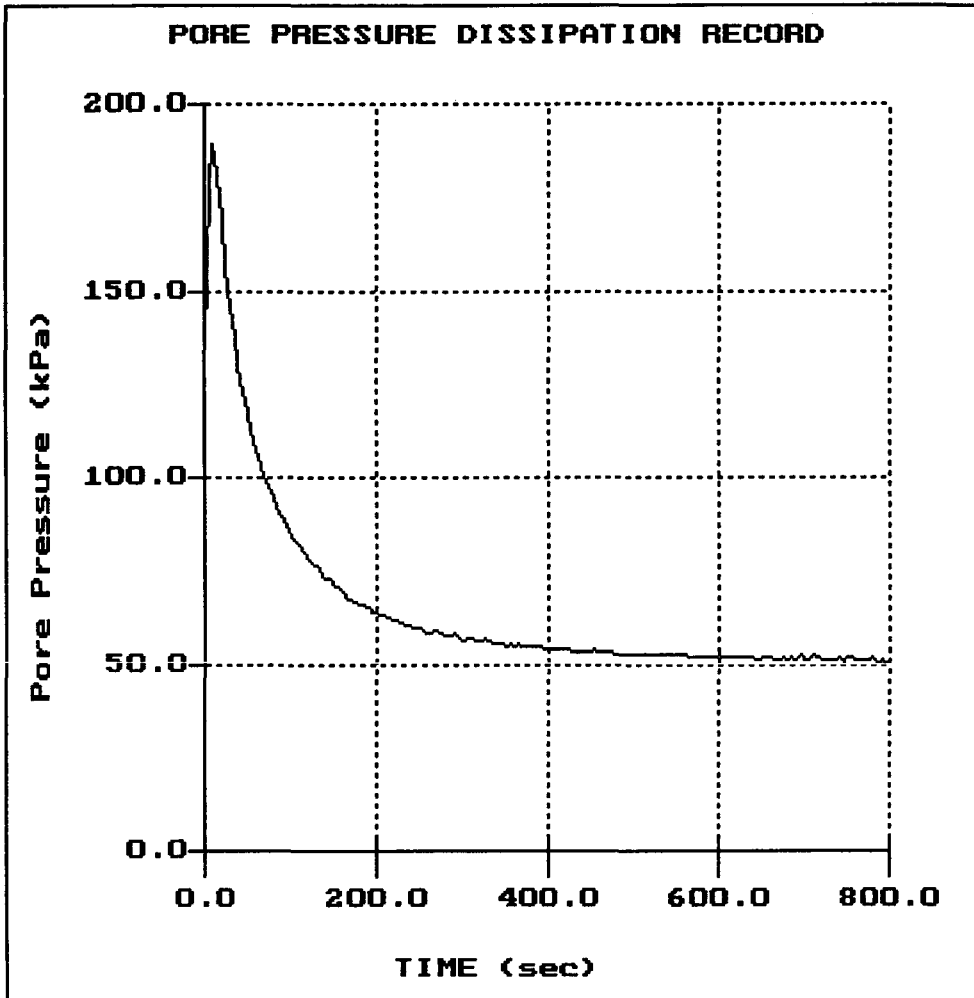


File: 300WC227.PPR
Depth (m): 3.45
(ft): 11.32
Duration : 3200.0s
U-min: -44.64 0.0s
U-max: 57.36 470.0s

Legacy Parkway

MC-9-230
Location:RET. WALL 9

Cone: 20 TON A 070
Date:03:02:00 08:50

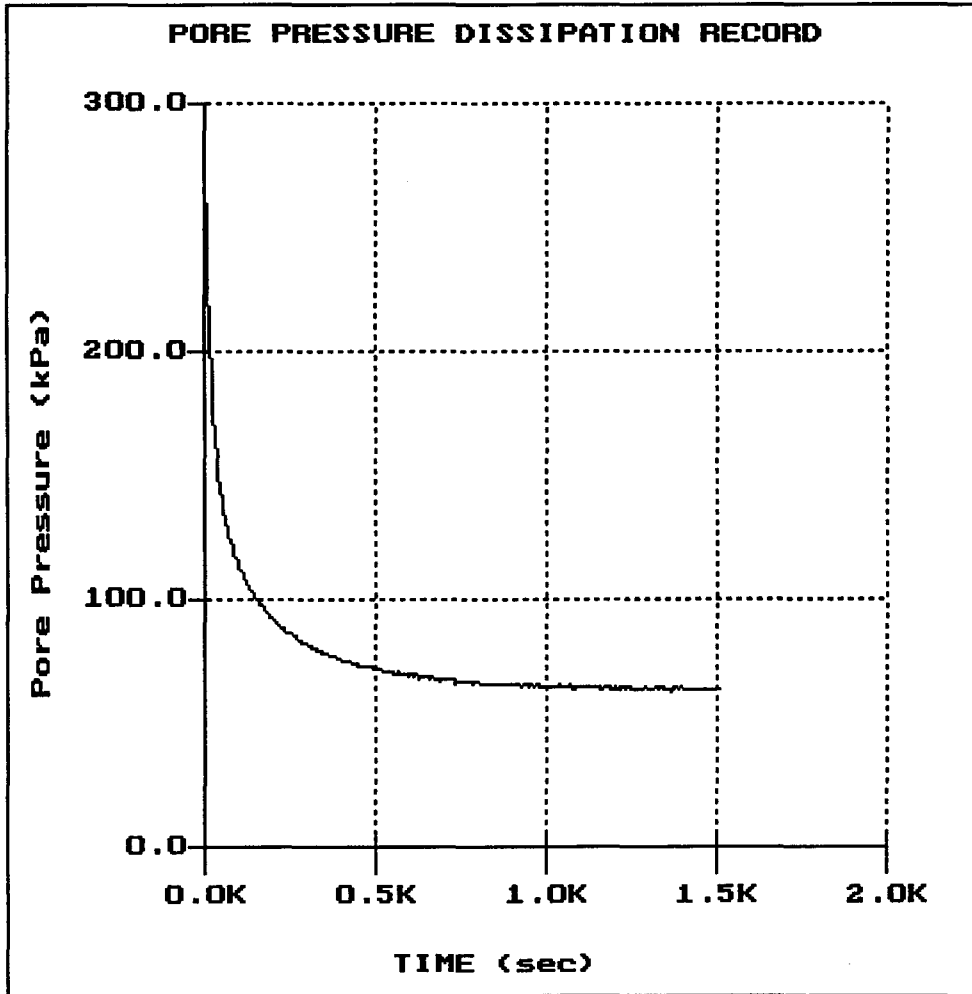


File: 300WC230.PPR
Depth (m): 6.55
(ft): 21.49
Duration: 800.0s
U-min: 50.79 795.0s
U-max: 189.82 10.0s

Legacy Parkway

WC-10-232
Location:RET. WALL 10

Cone: 20 TON A 058
Date:01:07:00 10:17

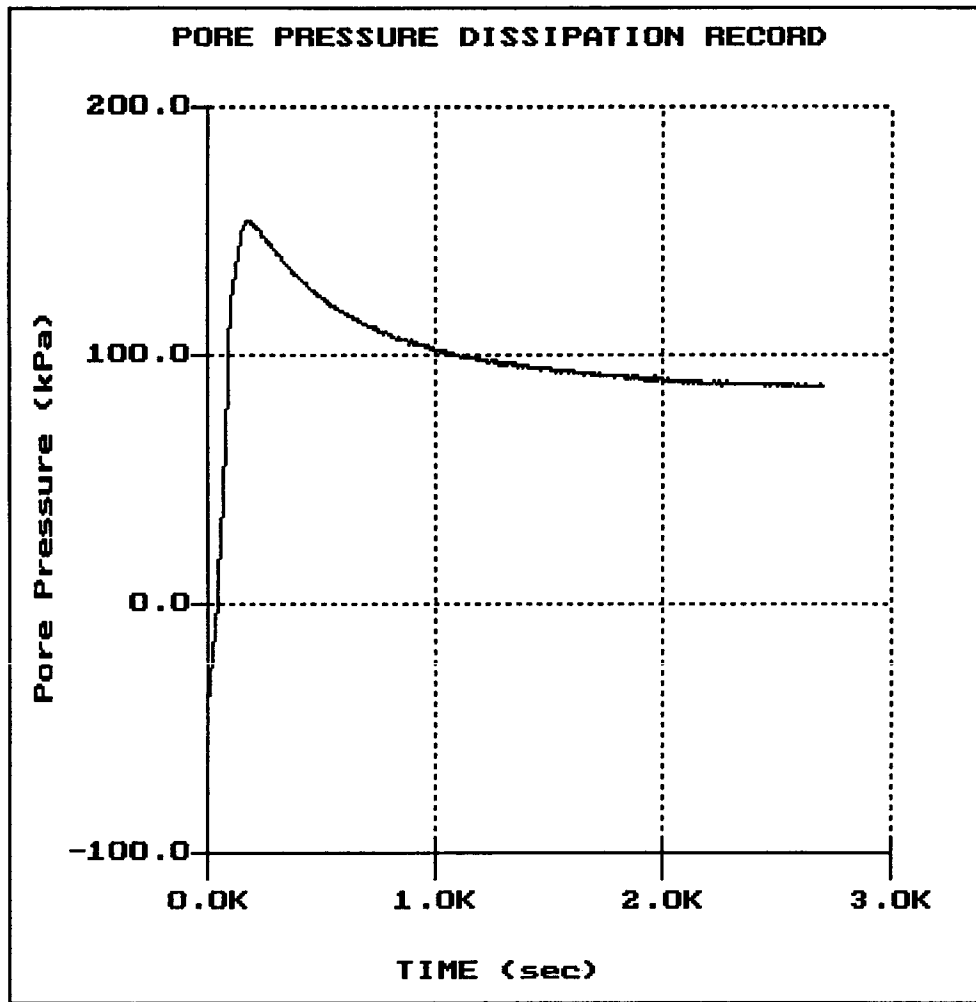


File: 300WC232.PPR
Depth (m): 8.60
(ft): 28.22
Duration : 1505.0s
U-min: 62.89 1365.0s
U-max: 258.88 5.0s

Legacy Parkway

WC-10-234
Location:RET. WALL 10

Cone: 20 TON A 058
Date:01:12:00 10:40

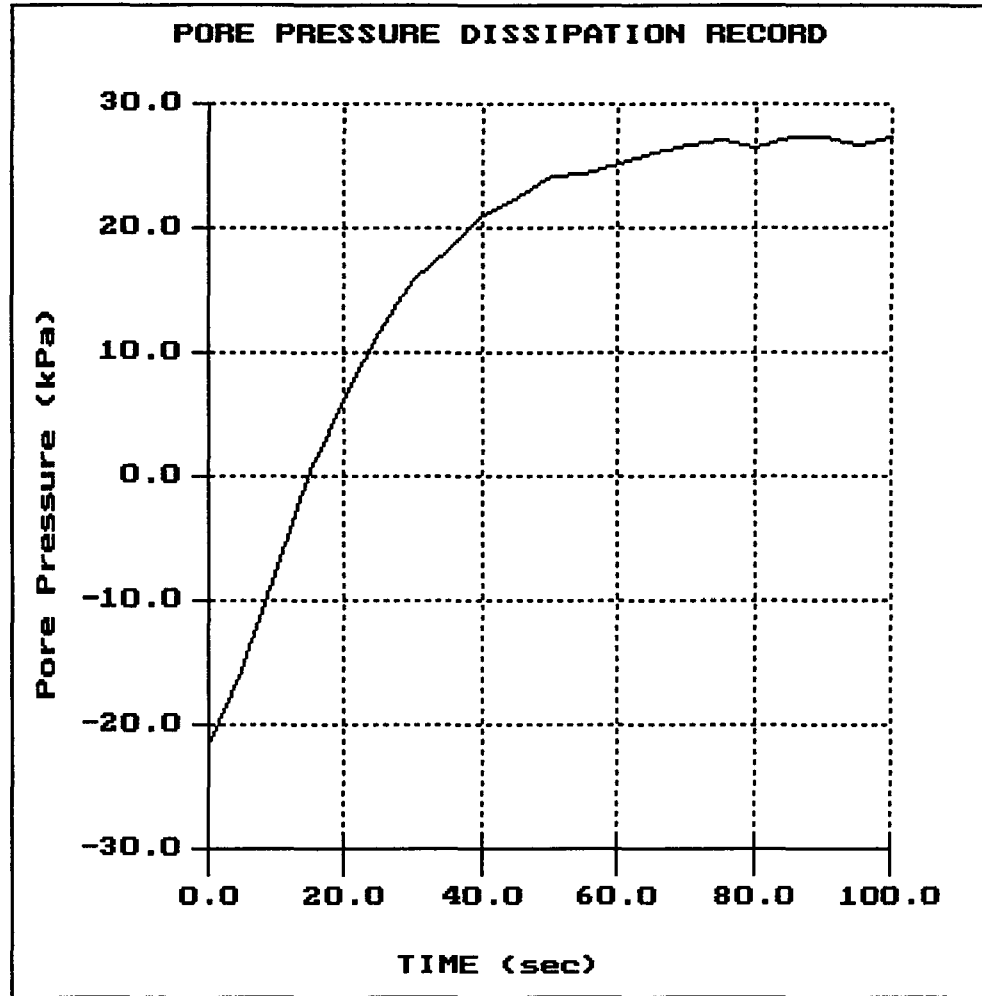


File: 300WC234.PPR
Depth (m): 9.65
(ft): 31.66
Duration : 2700.0s
U-min: -46.02 0.0s
U-max: 154.04 180.0s

Legacy Parkway

MC-13-235
Location:RET. WALL 13

Cone: 20 TON A 058
Date:01:07:00 09:11

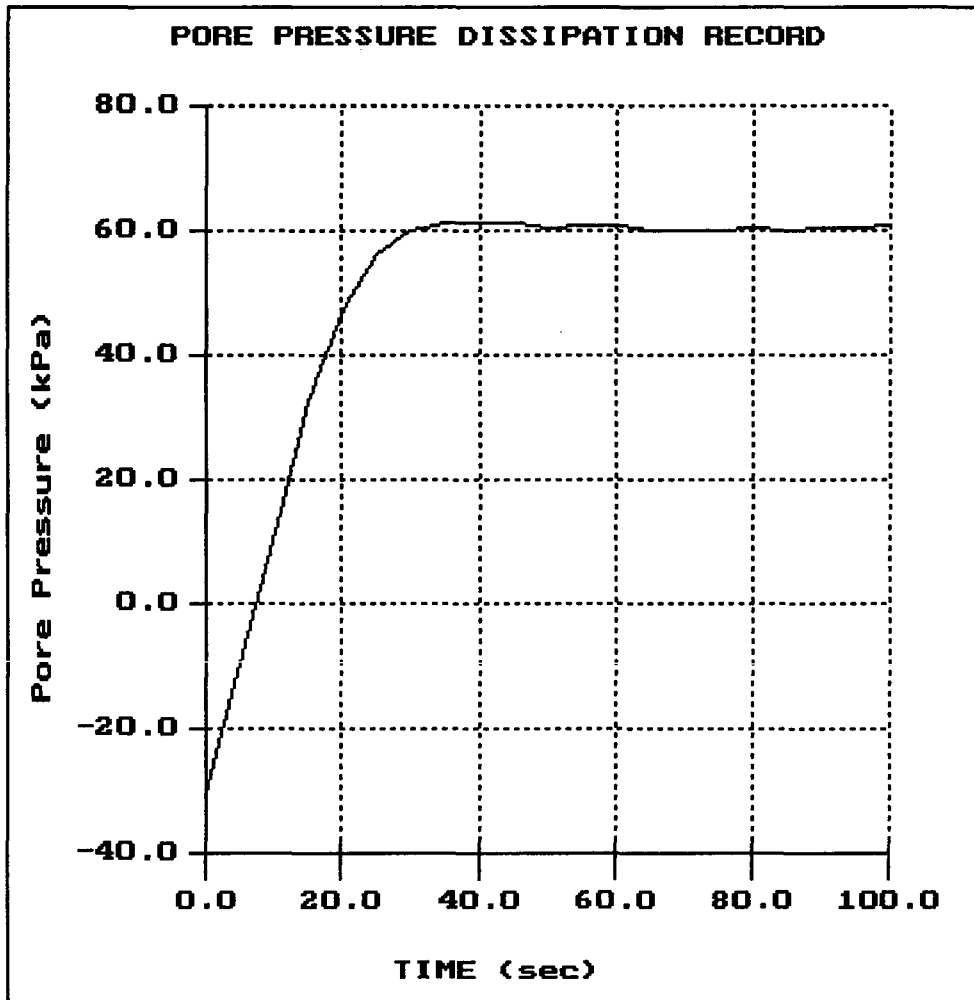


File: 300MC235.PPR
Depth (m): 5.80
(ft): 19.03
Duration : 100.0s
U-min: -21.61 0.0s
U-max: 27.36 100.0s

Legacy Parkway

WC-13-235
Location:RET. WALL 13

Cone: 20 TON A 058
Date:01:07:00 09:11

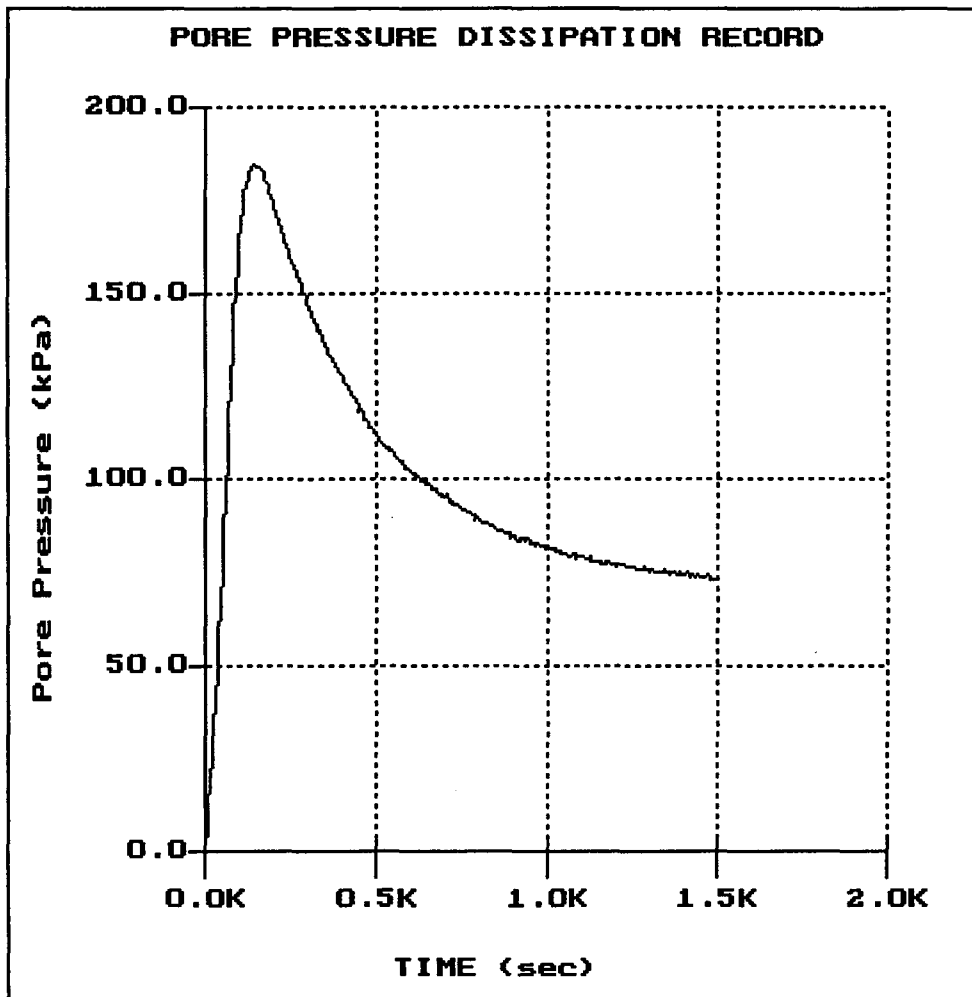


File: 300WC235.PPR
Depth (m): 8.65
(ft): 28.38
Duration: 100.0s
U-min: -30.44 0.0s
U-max: 61.45 35.0s

Legacy Parkway

WC-14-237
Location:RET. WALL 14

Cone: 20 TON A 058
Date:01:12:00 12:46

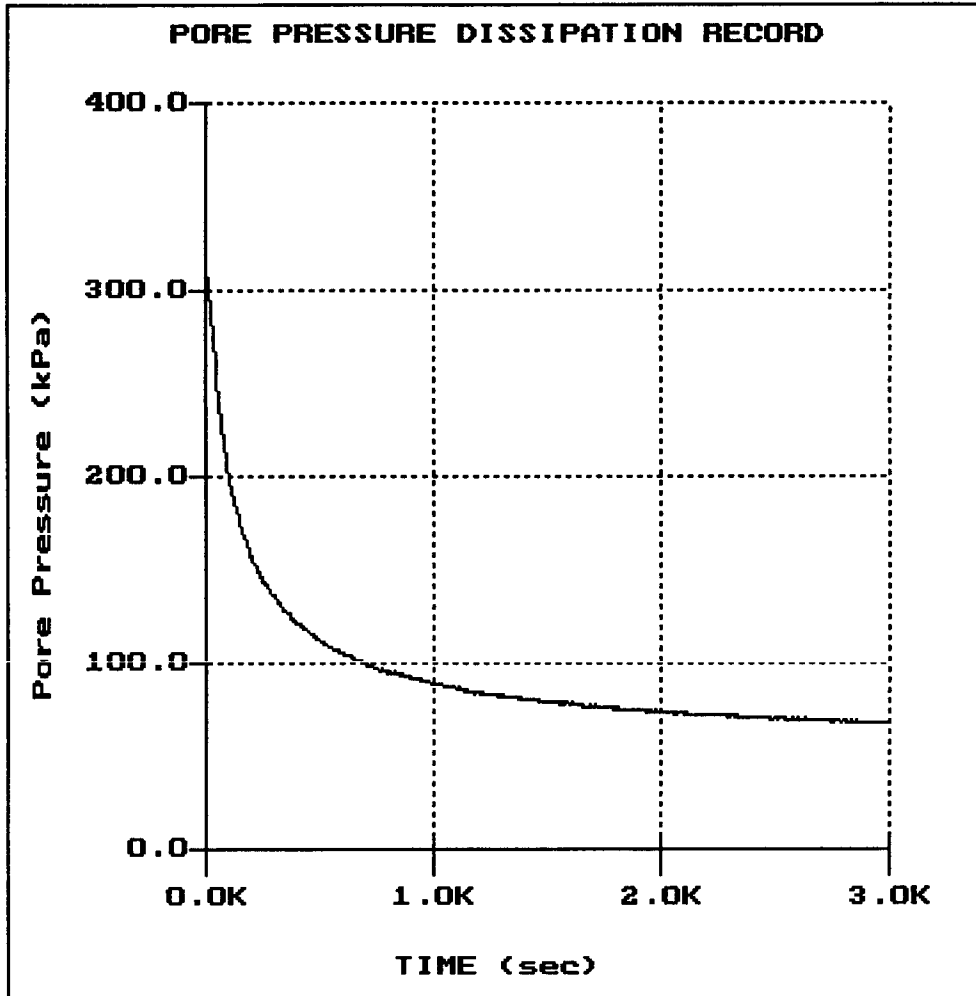


File: 300WC237.PPR
Depth (m): 8.80
(ft): 28.87
Duration : 1500.0s
U-min: 1.12 0.0s
U-max: 184.91 145.0s

Legacy Parkway

WC-15-220B
Location:RET. WALL 15

Cone: 20 TON A 058
Date:01:06:00 08:32

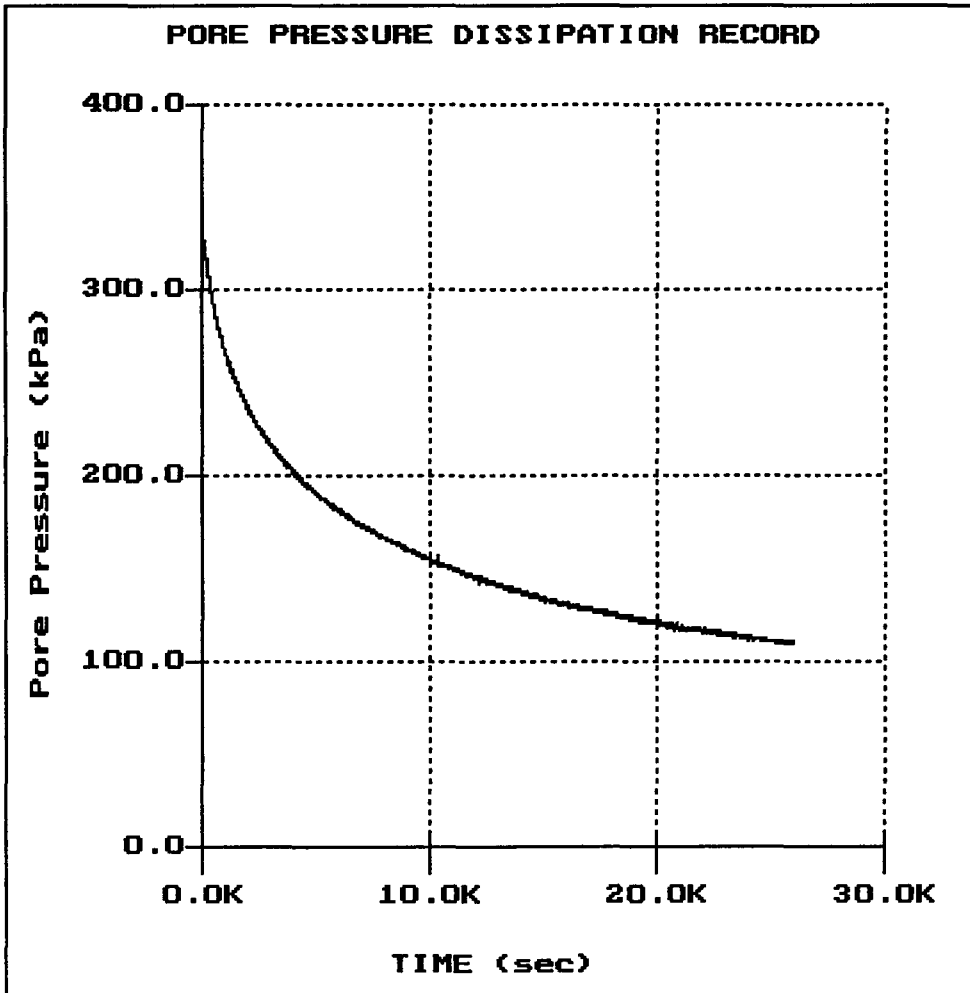


File: 300W220B.PPR
Depth (m): 7.05
(ft): 23.13
Duration : 3000.0s
U-min: 67.56 2975.0s
U-max: 353.20 0.0s

Legacy Parkway

WC-15-221
Location:RET. WALL 15

Cone: 20 TON A 058
Date:12:21:99 09:52

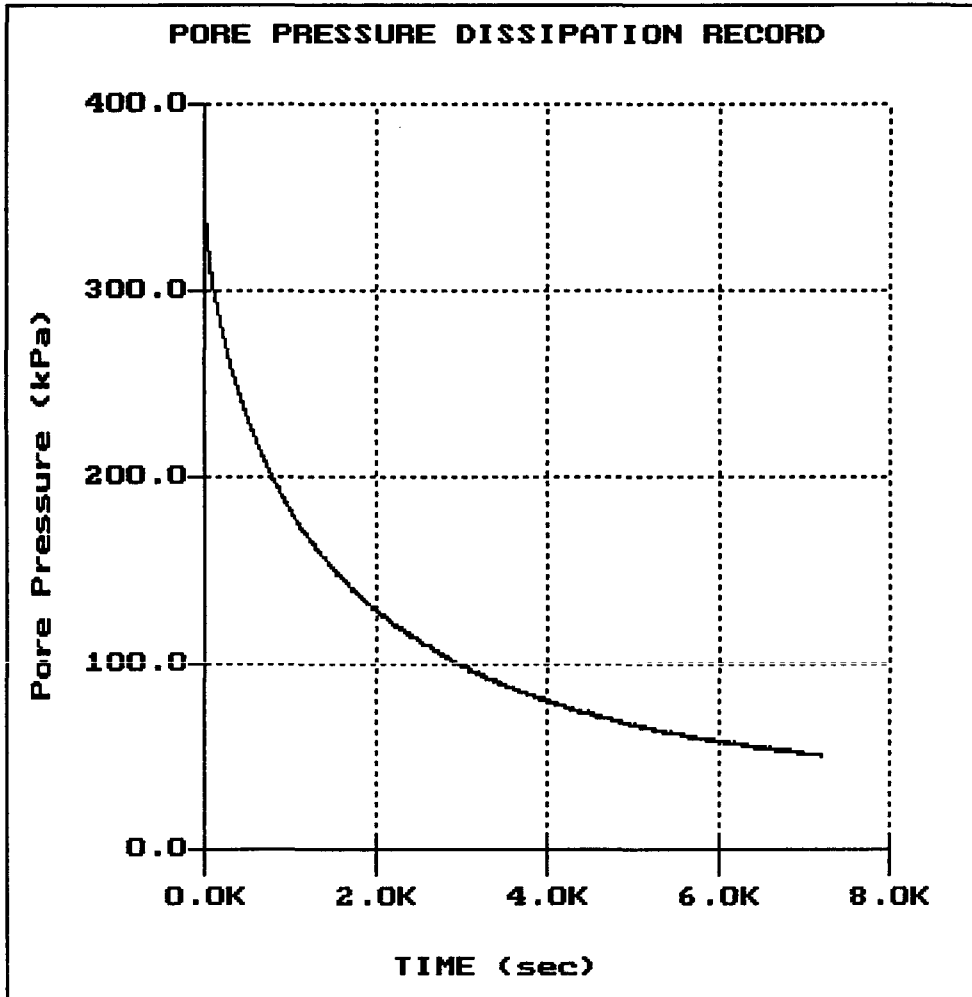


File: 300WC221.PPR
Depth (m): 7.65
(ft): 25.10
Duration : 26000.0s
U-min: 109.20 25985.0
U-max: 365.24 0.0s

Legacy Parkway

WC-16-223B
Location:RET. WALL 16

Cone: 20 TON A 058
Date:01:06:00 12:46



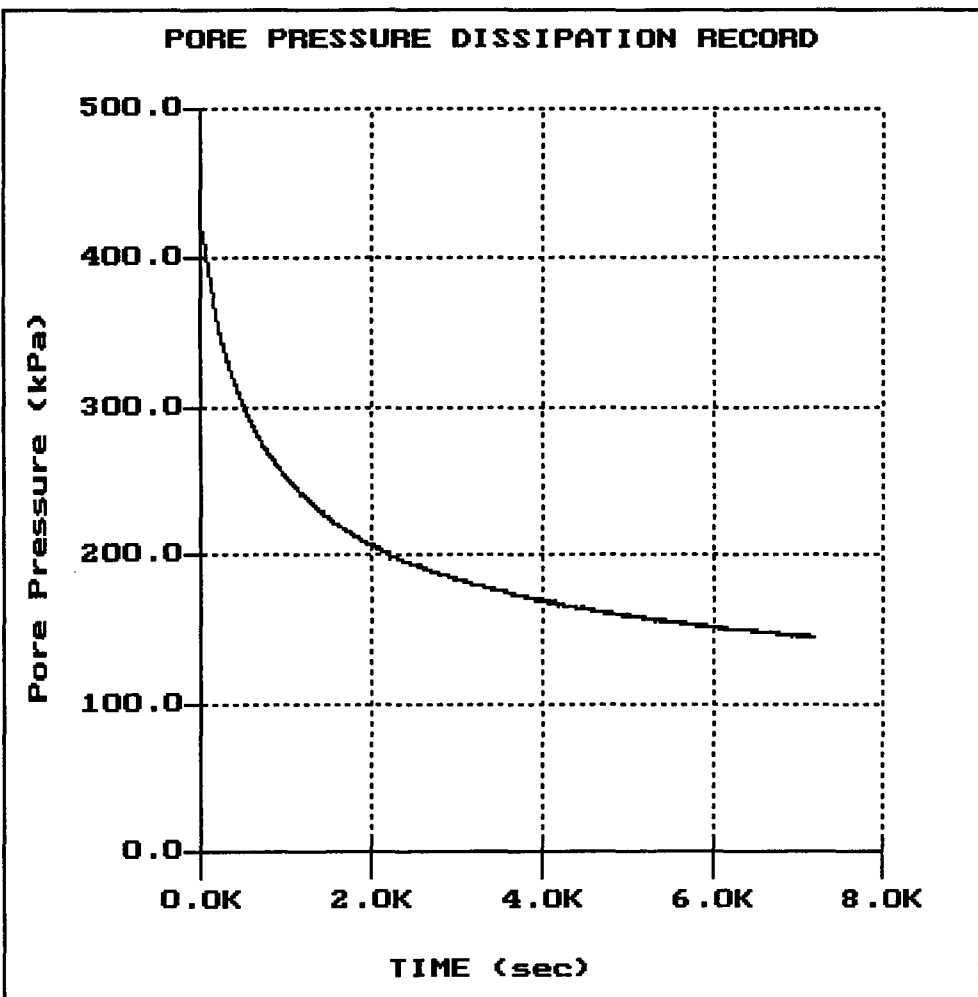
File: 300W223B.PPR
Depth (m): 4.95
(ft): 16.24
Duration : 7200.0s
U-min: 50.39 7185.0s
U-max: 338.84 5.0s

Legacy Parkway

WC-17-214B
Location:RET. WALL 17

Cone: 20 TON A 058
Date:01:06:00 09:56

PORE PRESSURE DISSIPATION RECORD

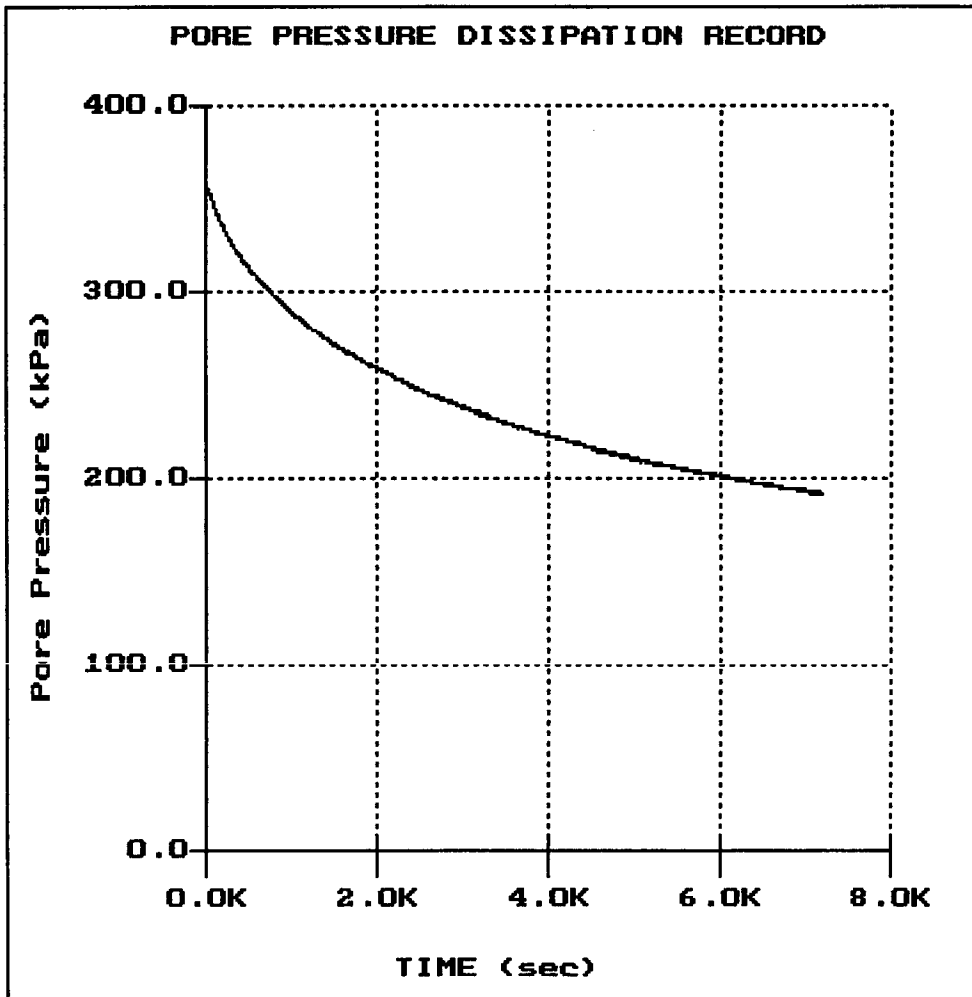


File: 300W214B.PPR
Depth (m): 10.65
(ft): 34.94
Duration : 7200.0s
U-min: 143.89 7185.0s
U-max: 422.09 0.0s

Legacy Parkway

WC-18-217
Location:RET. WALL 18

Cone:20 TON A 058
Date:01:19:00 13:44

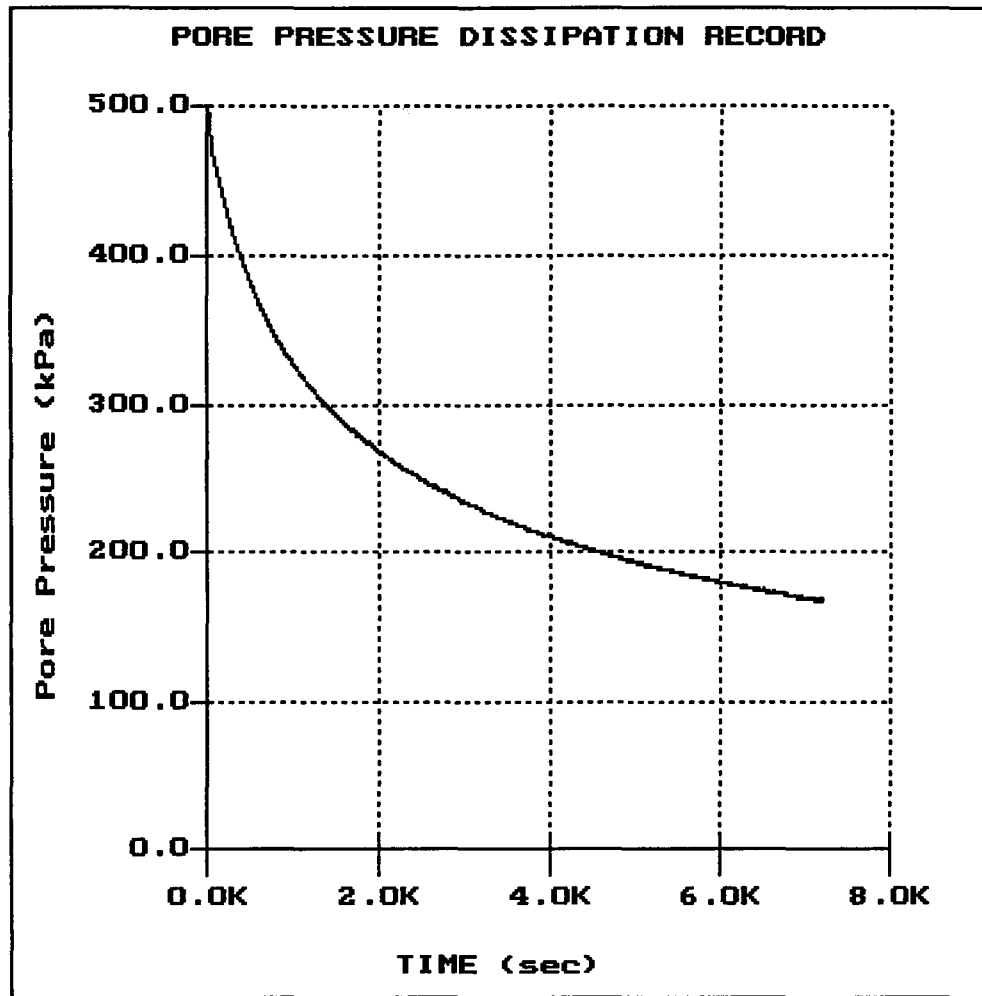


File: 300WC217.PPR
Depth (m): 8.90
(ft): 29.20
Duration : 7200.0s
U-min: 191.50 7180.0s
U-max: 378.00 0.0s

Legacy Parkway

WC-22-207
Location:RET. WALL 22

Cone: 20 TON A 058
Date:01:10:00 08:19

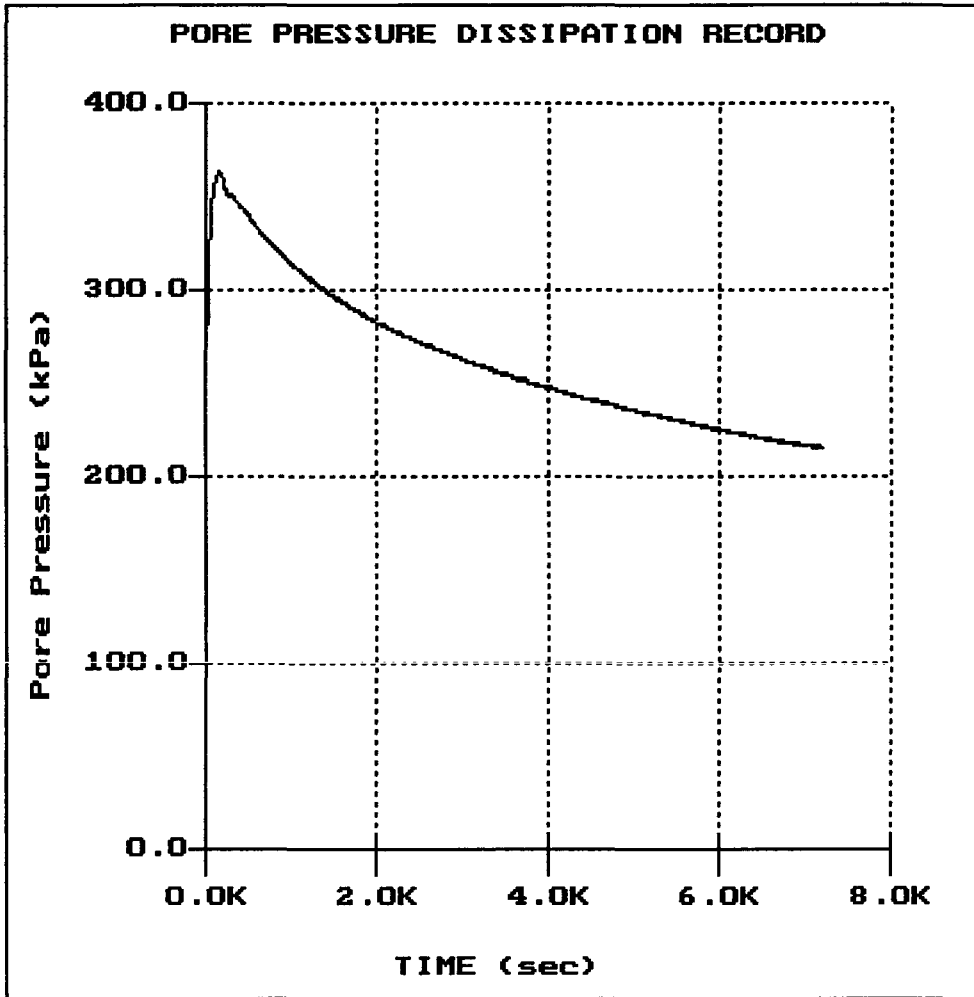


File: 300WC207.PPR
Depth (m): 7.00
(ft): 22.97
Duration : 7200.0s
U-min: 166.67 7200.0s
U-max: 495.80 10.0s

Legacy Parkway

WC-24-203B
Location:RET. WALL 24

Cone:20 TON A 058
Date:01:19:00 09:04

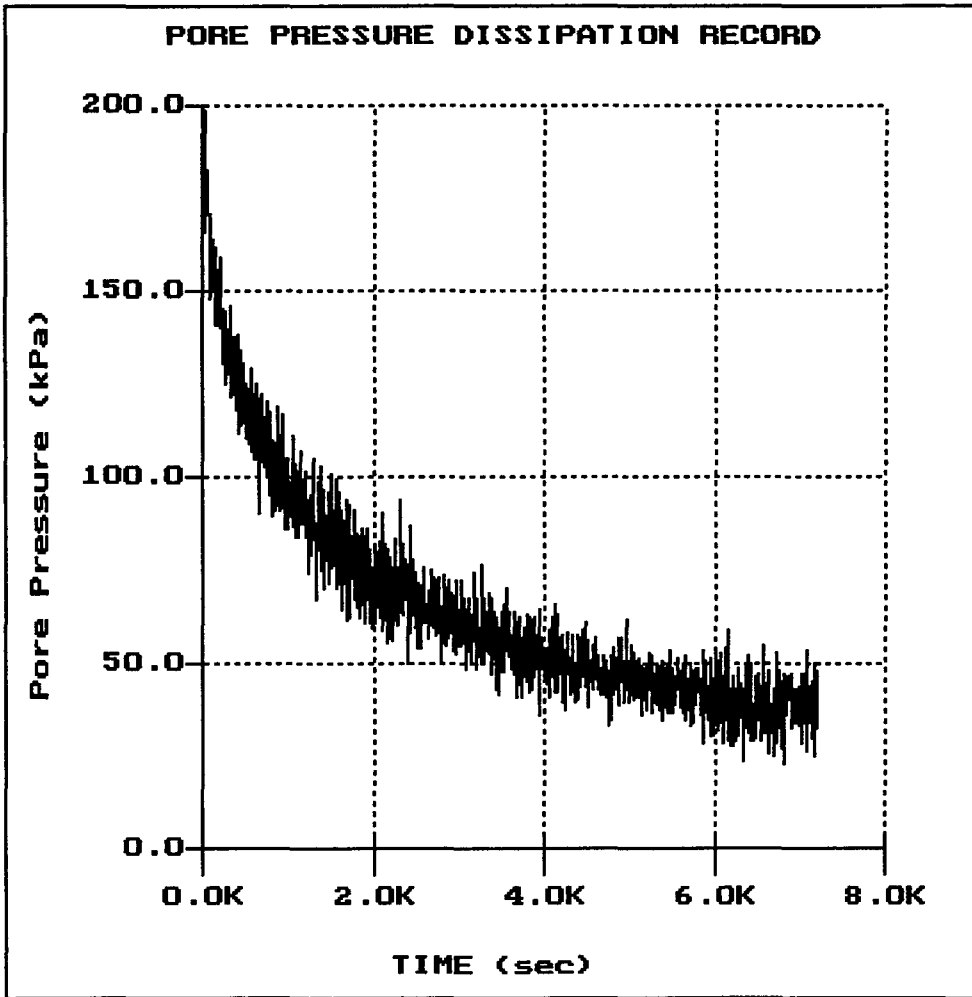


File: 300W203B.PPR
Depth (m): 6.50
(ft): 21.33
Duration : 7200.0s
U-min: 214.80 7200.0s
U-max: 363.40 160.0s

Legacy Parkway

WC-27-316
Location:RET. WALL 27

Cone:20 TON A 058
Date:01:27:00 09:11

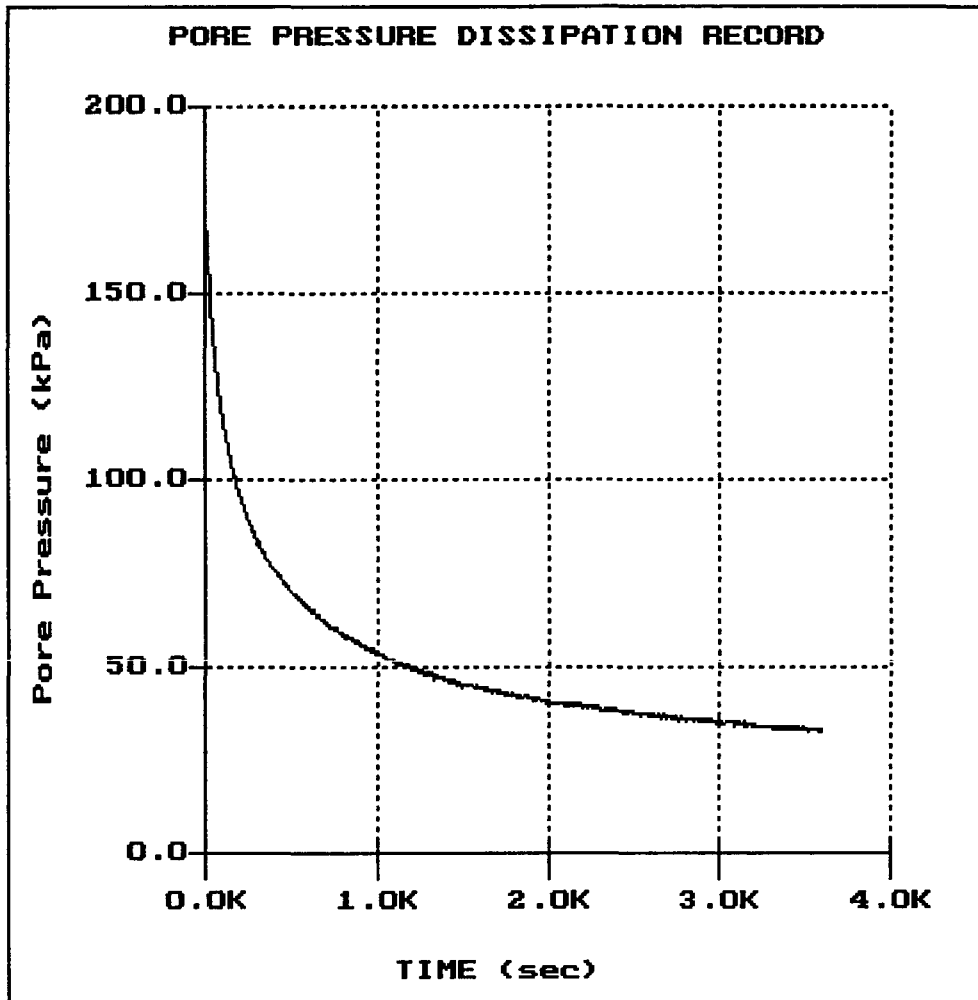


File: 300WC316.PPR
Depth (m): 3.00
(ft): 9.84
Duration : 7205.0s
U-min: 23.20 6795.0s
U-max: 198.30 15.0s

Legacy Parkway

WC-28-318
Location:RET. WALL 28

Cone: 20 TON A 058
Date:01:21:00 11:36



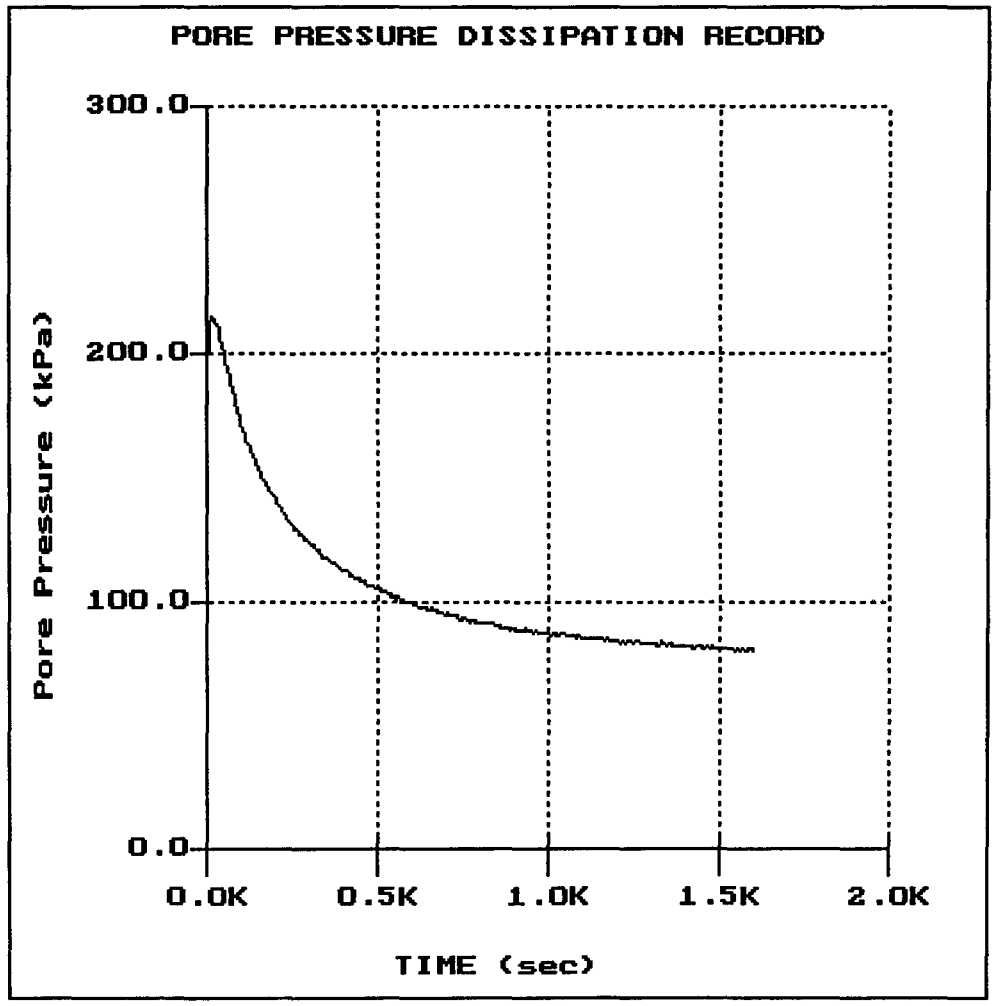
File: 300WC318.PPR
Depth (m): 4.50
(ft): 14.76
Duration : 3600.0s
U-min: 32.69 3580.0s
U-max: 188.13 0.0s

Legacy Parkway

WC-29-321
Location:RET. WALL 29

Cone:20 TON A 092
Date:02:01:00 09:39

PORE PRESSURE DISSIPATION RECORD



File: 300WC321.PPR
Depth (m): 8.50
(ft): 27.89
Duration : 1600.0s
U-min: 80.10 1575.0s
U-max: 214.10 15.0s

Legacy Parkway

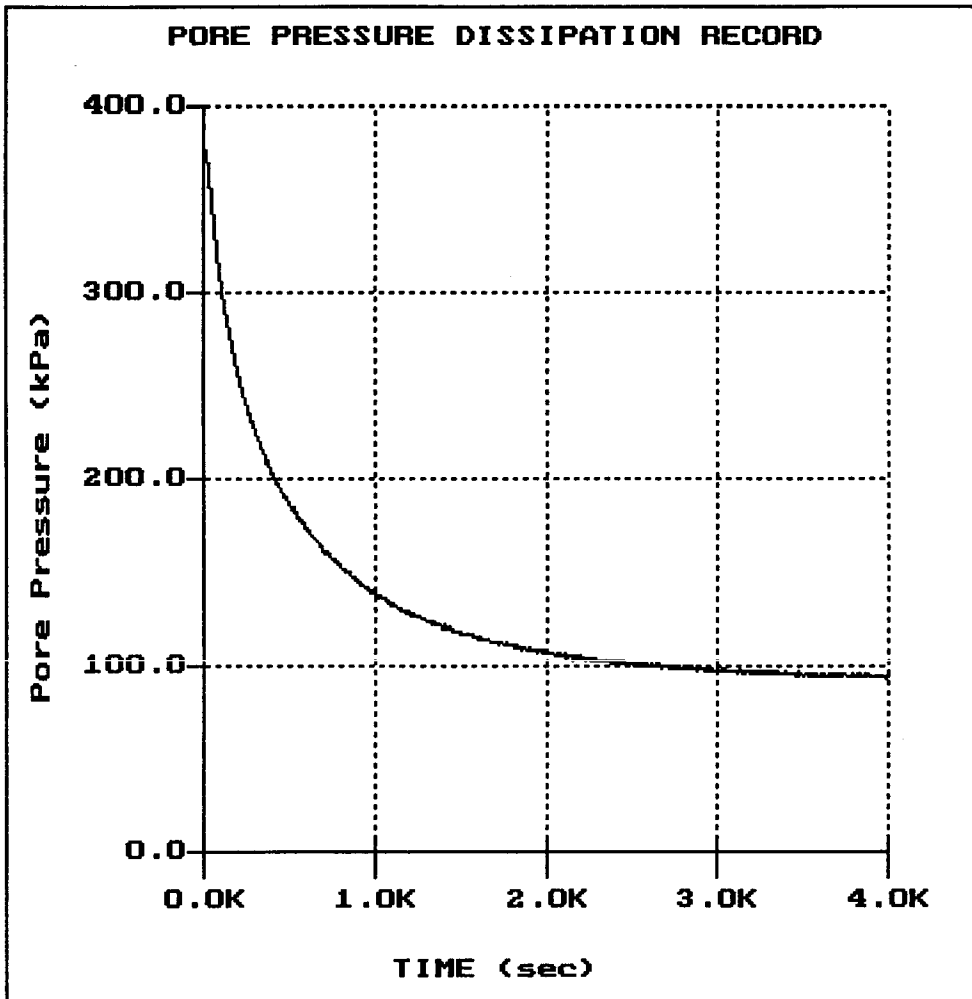
RC-373

Location:ROAD BORING-373

Cone: 20 TON A 070

Date:05:09:00 09:14

PORE PRESSURE DISSIPATION RECORD



File: 300RC373.PPR
Depth (m): 10.15
(ft): 33.30
Duration : 4000.0s
U-min: 93.58 3990.0s
U-max: 376.21 10.0s

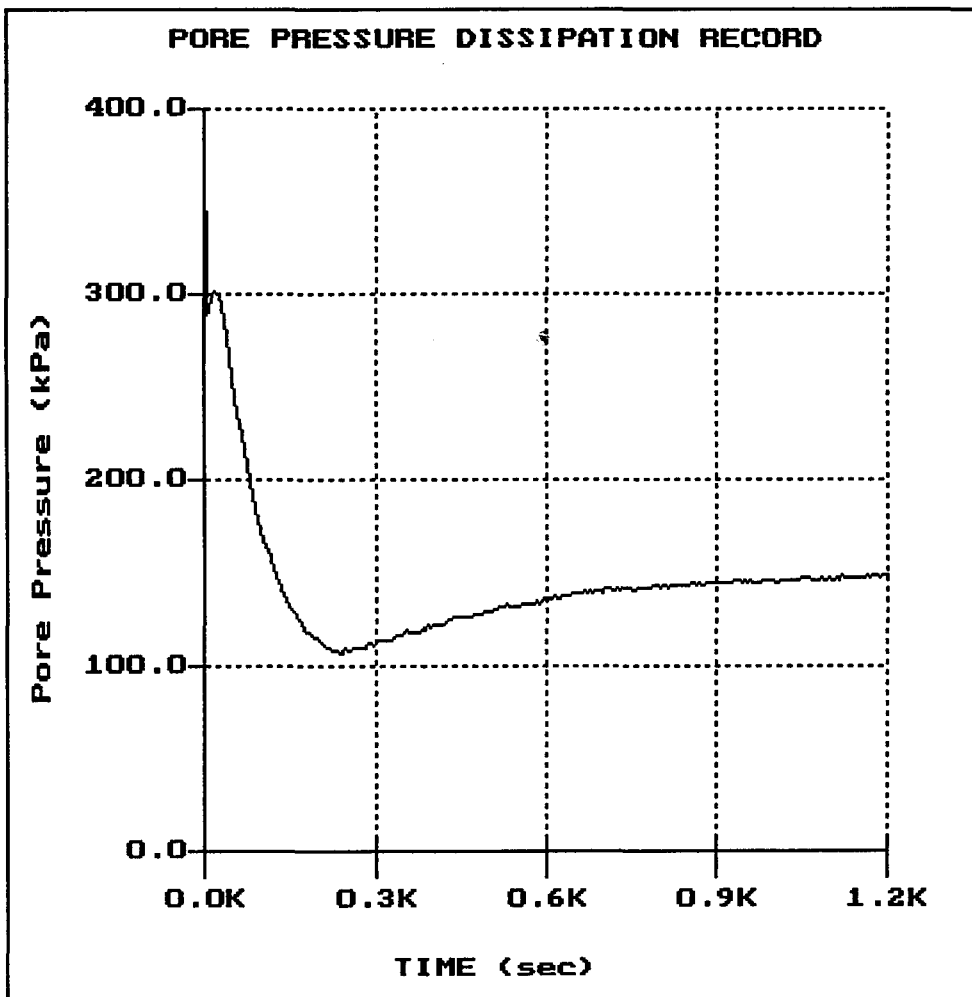
Legacy Parkway

RC-373

Location: ROAD BORING-373

Cone: 20 TON A 070

Date: 05:09:00 09:14



File: 300RC373.PPR
Depth (m): 15.90
(ft): 52.17
Duration : 1200.0s
U-min: 107.61 240.0s
U-max: 454.40 0.0s



Seismic Wave Velocity Calculations

Job No.: 00-300
 Client: Kleinfelder
 Location: Legacy Parkway
 CPT Date: 5/1/00
 CPT No.: SC-14-312

Geophone Offset (m): 0.20
 Source Offset (m): 0.74

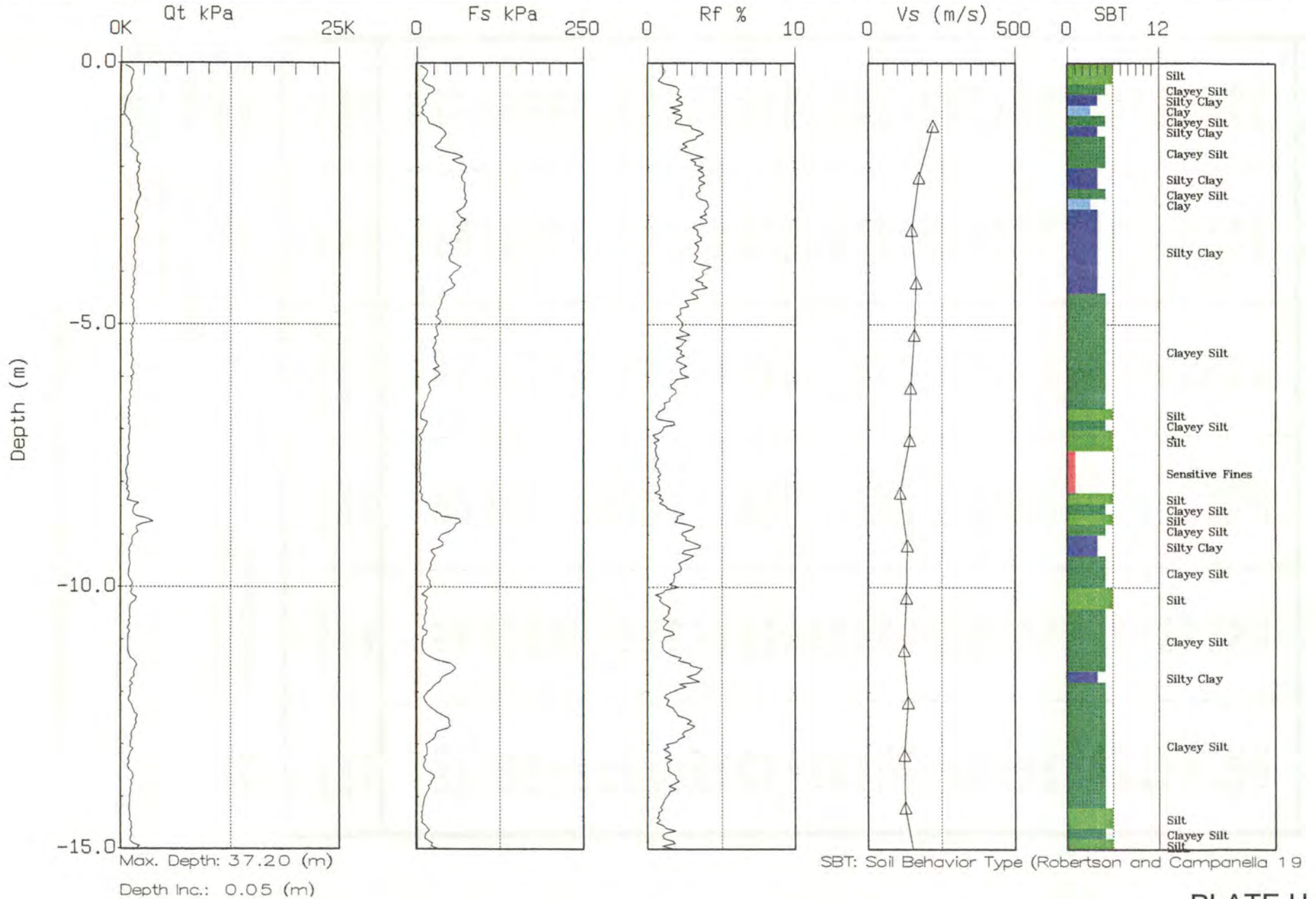
| Test Depth (m) | Ray Path (m) | Incremental Distance (m) | Interval Depth (m) | Vs Interval Time (ms) | Vs Interval Velocity (m/s) |
|----------------|--------------|--------------------------|--------------------|-----------------------|----------------------------|
| 0.90 | 1.02 | | | | |
| 1.90 | 1.85 | 0.84 | 1.20 | 3.81 | 219.3 |
| 2.90 | 2.80 | 0.95 | 2.20 | 5.50 | 171.9 |
| 3.90 | 3.77 | 0.97 | 3.20 | 6.62 | 147.1 |
| 4.90 | 4.76 | 0.98 | 4.20 | 6.06 | 162.5 |
| 5.90 | 5.75 | 0.99 | 5.20 | 6.35 | 155.9 |
| 6.90 | 6.74 | 0.99 | 6.20 | 6.91 | 143.7 |
| 7.90 | 7.74 | 0.99 | 7.20 | 7.04 | 141.3 |
| 8.90 | 8.73 | 1.00 | 8.20 | 9.17 | 108.6 |
| 9.90 | 9.73 | 1.00 | 9.20 | 7.47 | 133.4 |
| 10.90 | 10.73 | 1.00 | 10.20 | 7.66 | 130.2 |
| 11.90 | 11.72 | 1.00 | 11.20 | 8.15 | 122.4 |
| 12.90 | 12.72 | 1.00 | 12.20 | 7.35 | 135.8 |
| 13.90 | 13.72 | 1.00 | 13.20 | 7.99 | 125.0 |
| 14.90 | 14.72 | 1.00 | 14.20 | 7.83 | 127.5 |
| 15.90 | 15.72 | 1.00 | 15.20 | 6.39 | 156.3 |
| 16.90 | 16.72 | 1.00 | 16.20 | 6.87 | 145.4 |
| 17.90 | 17.72 | 1.00 | 17.20 | 4.15 | 240.7 |
| 18.90 | 18.71 | 1.00 | 18.20 | 4.63 | 215.8 |
| 19.90 | 19.71 | 1.00 | 19.20 | 4.00 | 249.8 |
| 20.90 | 20.71 | 1.00 | 20.20 | 4.05 | 246.7 |
| 21.90 | 21.71 | 1.00 | 21.20 | 4.64 | 215.4 |
| 22.90 | 22.71 | 1.00 | 22.20 | 5.50 | 181.7 |
| 23.90 | 23.71 | 1.00 | 23.20 | 5.01 | 199.5 |
| 24.90 | 24.71 | 1.00 | 24.20 | 5.01 | 199.5 |
| 25.90 | 25.71 | 1.00 | 25.20 | 4.03 | 248.0 |
| 26.90 | 26.71 | 1.00 | 26.20 | 3.91 | 255.7 |
| 27.90 | 27.71 | 1.00 | 27.20 | 3.79 | 263.8 |
| 28.90 | 28.71 | 1.00 | 28.20 | 4.03 | 248.1 |
| 29.90 | 29.71 | 1.00 | 29.20 | 3.79 | 263.8 |
| 30.90 | 30.71 | 1.00 | 30.20 | 4.29 | 233.0 |
| 31.90 | 31.71 | 1.00 | 31.20 | 4.06 | 246.2 |
| 32.90 | 32.71 | 1.00 | 32.20 | 4.29 | 233.0 |
| 33.90 | 33.71 | 1.00 | 33.20 | 4.17 | 239.7 |
| 34.90 | 34.71 | 1.00 | 34.20 | 3.05 | 327.8 |
| 35.90 | 35.71 | 1.00 | 35.20 | 3.49 | 286.5 |
| 36.90 | 36.71 | 1.00 | 36.20 | 3.50 | 285.7 |



Legacy Parkway

Site: SC-14-312
Location: STRUCTURE 14

Cone: 20 TON A 070
Date: 05:01:00 21:43

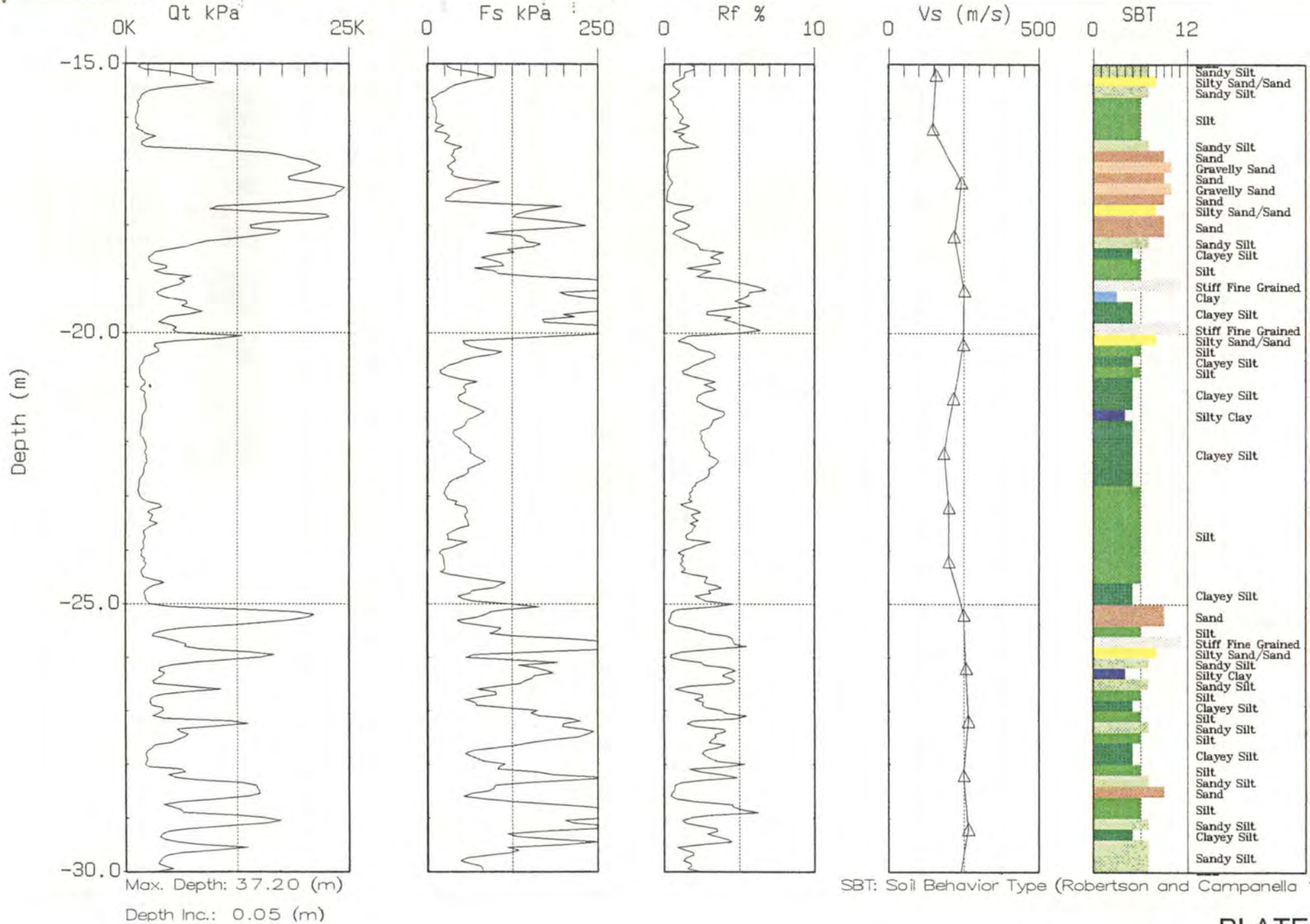




Legacy Parkway

Site: SC-14-312
Location: STRUCTURE 14

Cone: 20 TON A 070
Date: 05:01:00 21:43

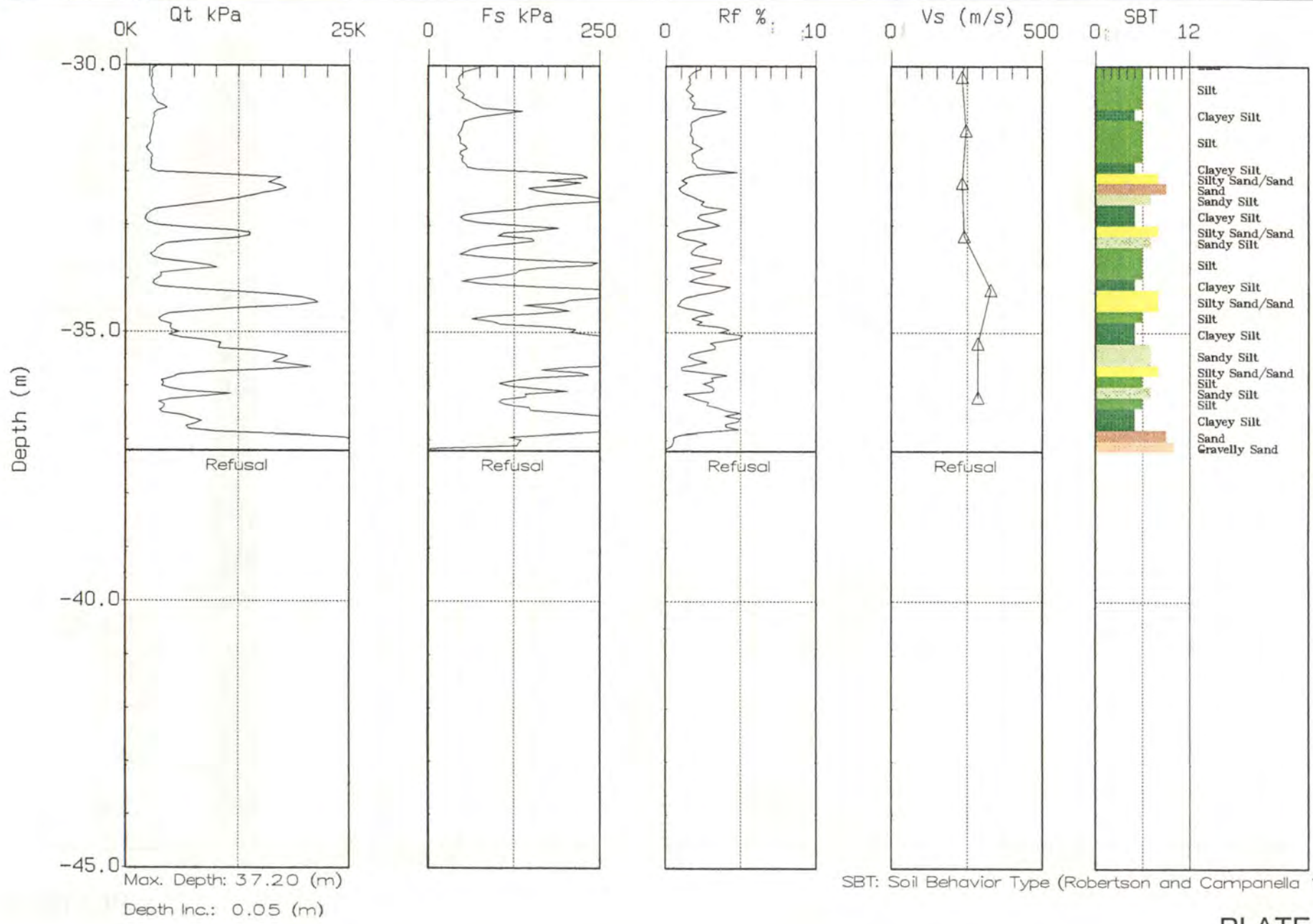




Legacy Parkway

Site: SC-14-312
Location: STRUCTURE 14

Cone: 20 TON A 070
Date: 05:01:00 21:43





Seismic Wave Velocity Calculations

Job No.: 00-300
 Client: Kleinfelder
 Location: Legacy Parkway
 CPT Date: 5/10/00
 CPT No.: SC-15-361

Geophone Offset (m): 0.20
 Source Offset (m): 0.61

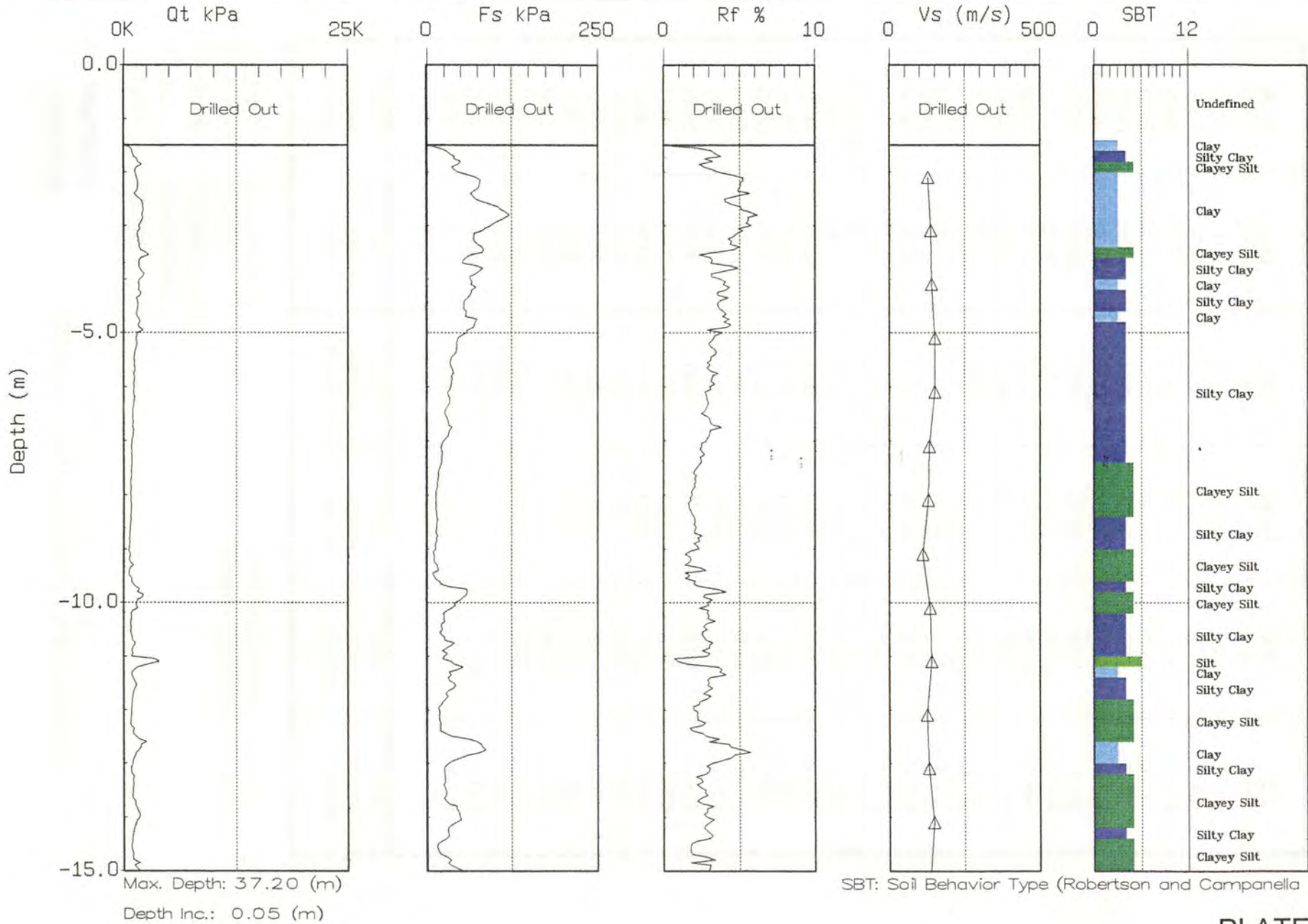
| Test Depth (m) | Ray Path (m) | Incremental Distance (m) | Interval Depth (m) | Vs Interval Time (ms) | Vs Interval Velocity (m/s) |
|----------------|--------------|--------------------------|--------------------|-----------------------|----------------------------|
| 1.80 | 1.71 | | | | |
| 2.80 | 2.67 | 0.96 | 2.10 | 7.52 | 127.4 |
| 3.80 | 3.65 | 0.98 | 3.10 | 7.14 | 137.4 |
| 4.80 | 4.64 | 0.99 | 4.10 | 7.14 | 138.5 |
| 5.80 | 5.63 | 0.99 | 5.10 | 6.58 | 150.9 |
| 6.80 | 6.63 | 1.00 | 6.10 | 6.58 | 151.2 |
| 7.80 | 7.62 | 1.00 | 7.10 | 7.52 | 132.5 |
| 8.80 | 8.62 | 1.00 | 8.10 | 7.71 | 129.3 |
| 9.80 | 9.62 | 1.00 | 9.10 | 9.02 | 110.6 |
| 10.80 | 10.62 | 1.00 | 10.10 | 7.42 | 134.5 |
| 11.80 | 11.62 | 1.00 | 11.10 | 7.19 | 138.9 |
| 12.80 | 12.61 | 1.00 | 12.10 | 8.04 | 124.2 |
| 13.80 | 13.61 | 1.00 | 13.10 | 7.61 | 131.3 |
| 14.80 | 14.61 | 1.00 | 14.10 | 6.77 | 147.6 |
| 15.80 | 15.61 | 1.00 | 15.10 | 7.33 | 136.3 |
| 16.80 | 16.61 | 1.00 | 16.10 | 7.19 | 139.0 |
| 17.80 | 17.61 | 1.00 | 17.10 | 6.63 | 150.7 |
| 18.80 | 18.61 | 1.00 | 18.10 | 6.90 | 144.8 |
| 19.80 | 19.61 | 1.00 | 19.10 | 4.80 | 208.2 |
| 20.80 | 20.61 | 1.00 | 20.10 | 4.73 | 211.3 |
| 21.80 | 21.61 | 1.00 | 21.10 | 4.16 | 240.3 |
| 22.80 | 22.61 | 1.00 | 22.10 | 3.91 | 255.7 |
| 23.80 | 23.61 | 1.00 | 23.10 | 4.40 | 227.2 |
| 24.80 | 24.61 | 1.00 | 24.10 | 5.62 | 177.9 |
| 25.80 | 25.61 | 1.00 | 25.10 | 5.98 | 167.2 |
| 26.80 | 26.61 | 1.00 | 26.10 | 4.89 | 204.4 |
| 27.80 | 27.61 | 1.00 | 27.10 | 4.64 | 215.5 |
| 28.80 | 28.61 | 1.00 | 28.10 | 4.04 | 247.5 |
| 29.80 | 29.61 | 1.00 | 29.10 | 3.42 | 292.3 |
| 30.80 | 30.61 | 1.00 | 30.10 | 3.73 | 268.0 |
| 31.80 | 31.61 | 1.00 | 31.10 | 4.13 | 242.1 |
| 32.80 | 32.61 | 1.00 | 32.10 | 3.76 | 265.9 |
| 33.80 | 33.61 | 1.00 | 33.10 | 3.76 | 265.9 |
| 34.80 | 34.61 | 1.00 | 34.10 | 4.21 | 237.5 |
| 35.80 | 35.61 | 1.00 | 35.10 | 4.14 | 241.5 |
| 36.80 | 36.61 | 1.00 | 36.10 | 3.31 | 302.1 |



Legacy Parkway

Site: SC-15-361
Location: STRUCTURE 15

Cone: 20 TON A 070
Date: 05:10:00 10:07

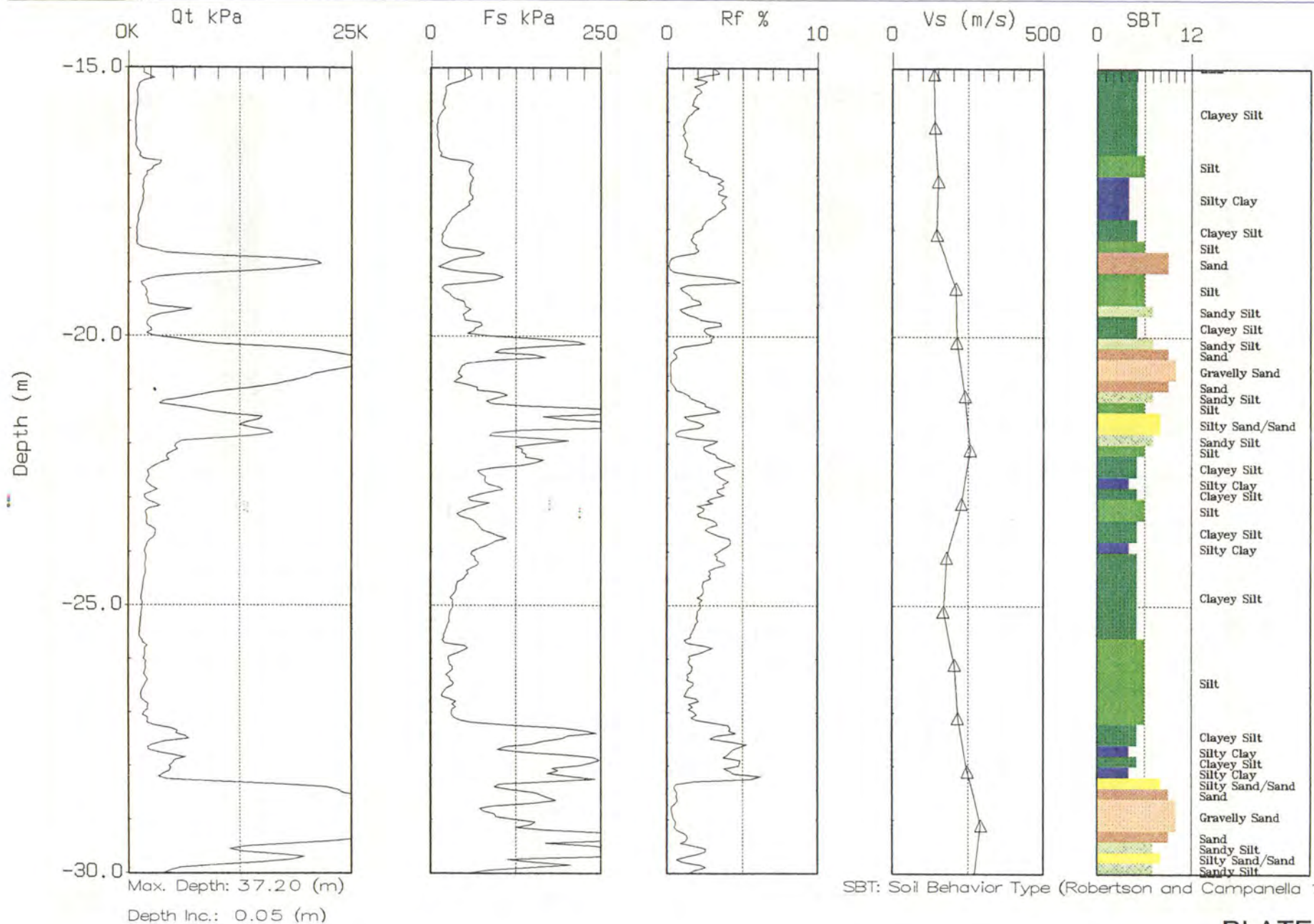




Legacy Parkway

Site: SC-15-361
Location: STRUCTURE 15

Cone: 20 TON A 070
Date: 05:10:00 10:07

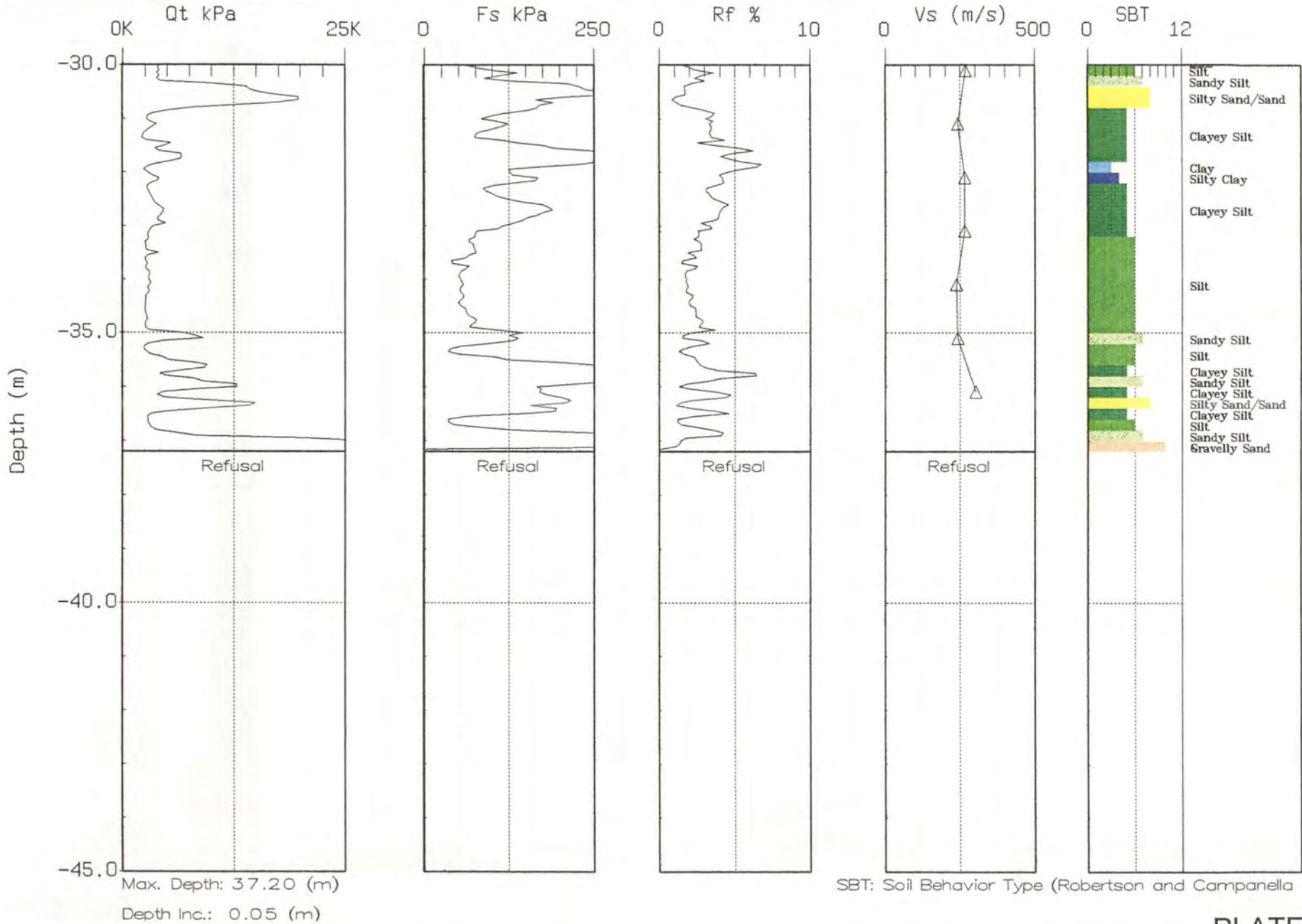




Legacy Parkway

Site: SC-15-361
Location: STRUCTURE 15

Cone: 20 TON A 070
Date: 05:10:00 10:07





Seismic Wave Velocity Calculations

Job No.: 00-300
 Client: Kleinfelder
 Location: Legacy Parkway
 CPT Date: 5/1/00
 CPT No.: SC-33-358

Geophone Offset (m): 0.20
 Source Offset (m): 0.56

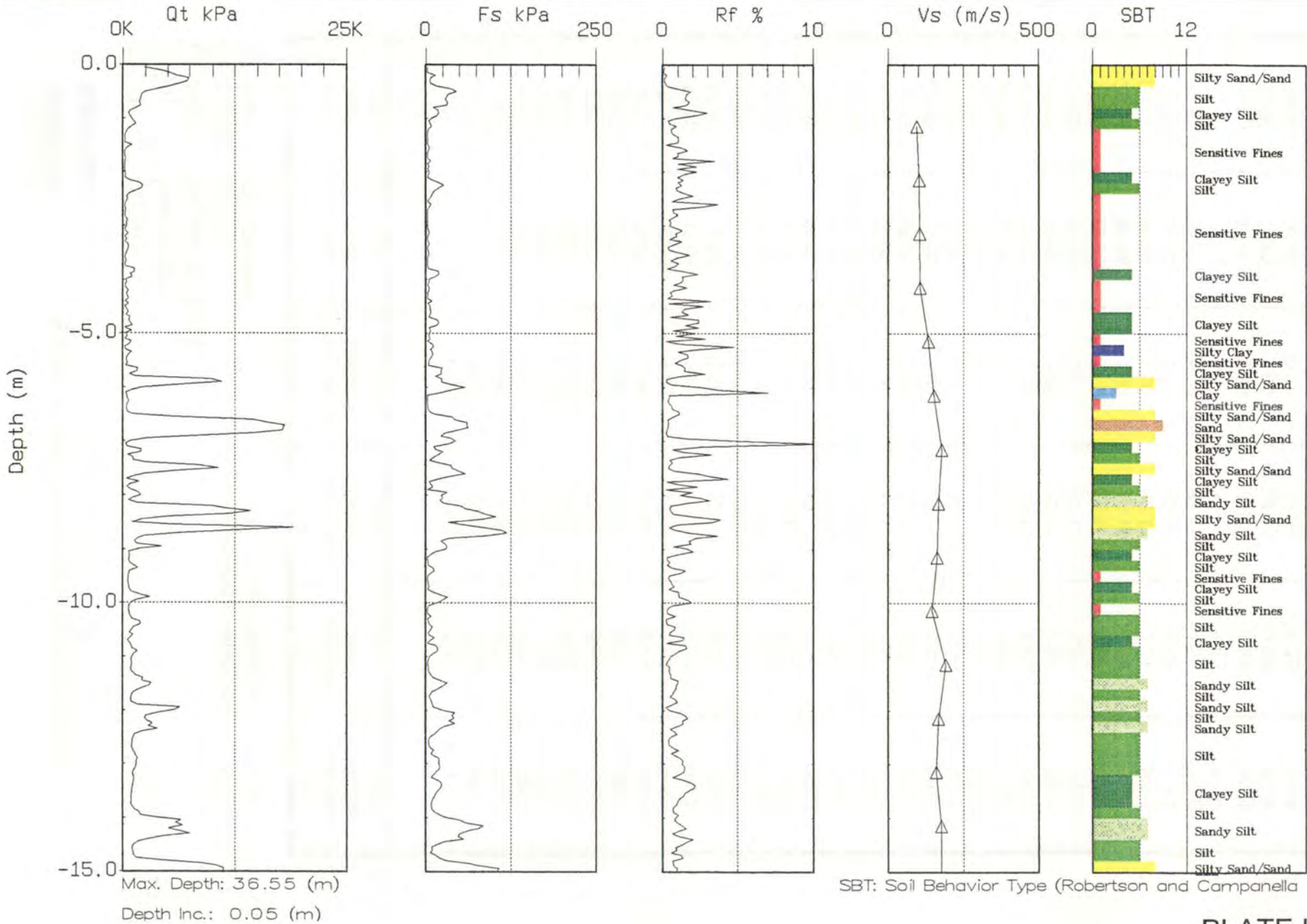
| Test Depth (m) | Ray Path (m) | Incremental Distance (m) | Interval Depth (m) | Vs Interval Time (ms) | Vs Interval Velocity (m/s) |
|----------------|--------------|--------------------------|--------------------|-----------------------|----------------------------|
| 0.85 | 0.86 | | | | |
| 1.85 | 1.74 | 0.88 | 1.15 | 9.40 | 94.1 |
| 2.85 | 2.71 | 0.97 | 2.15 | 9.59 | 100.7 |
| 3.85 | 3.69 | 0.98 | 3.15 | 9.58 | 102.7 |
| 4.85 | 4.68 | 0.99 | 4.15 | 9.40 | 105.4 |
| 5.85 | 5.68 | 0.99 | 5.15 | 7.52 | 132.2 |
| 6.85 | 6.67 | 1.00 | 6.15 | 6.58 | 151.3 |
| 7.85 | 7.67 | 1.00 | 7.15 | 5.64 | 176.8 |
| 8.85 | 8.67 | 1.00 | 8.15 | 6.01 | 166.0 |
| 9.85 | 9.67 | 1.00 | 9.15 | 6.21 | 160.7 |
| 10.85 | 10.66 | 1.00 | 10.15 | 6.91 | 144.5 |
| 11.85 | 11.66 | 1.00 | 11.15 | 5.27 | 189.5 |
| 12.85 | 12.66 | 1.00 | 12.15 | 6.01 | 166.2 |
| 13.85 | 13.66 | 1.00 | 13.15 | 6.32 | 158.1 |
| 14.85 | 14.66 | 1.00 | 14.15 | 5.71 | 175.0 |
| 15.85 | 15.66 | 1.00 | 15.15 | 5.72 | 174.7 |
| 16.85 | 16.66 | 1.00 | 16.15 | 6.16 | 162.2 |
| 17.85 | 17.66 | 1.00 | 17.15 | 5.57 | 179.4 |
| 18.85 | 18.66 | 1.00 | 18.15 | 5.86 | 170.6 |
| 19.85 | 19.66 | 1.00 | 19.15 | 6.62 | 151.0 |
| 20.85 | 20.66 | 1.00 | 20.15 | 5.03 | 198.7 |
| 21.85 | 21.66 | 1.00 | 21.15 | 4.37 | 228.8 |
| 22.85 | 22.66 | 1.00 | 22.15 | 5.07 | 197.2 |
| 23.85 | 23.66 | 1.00 | 23.15 | 4.37 | 228.8 |
| 24.85 | 24.66 | 1.00 | 24.15 | 4.65 | 215.0 |
| 25.85 | 25.66 | 1.00 | 25.15 | 4.94 | 202.4 |
| 26.85 | 26.66 | 1.00 | 26.15 | 4.93 | 202.8 |
| 27.85 | 27.66 | 1.00 | 27.15 | 3.67 | 272.4 |
| 28.85 | 28.66 | 1.00 | 28.15 | 3.66 | 273.2 |
| 29.85 | 29.66 | 1.00 | 29.15 | 4.09 | 244.5 |
| 30.85 | 30.66 | 1.00 | 30.15 | 3.71 | 269.5 |
| 31.85 | 31.65 | 1.00 | 31.15 | 3.67 | 272.4 |
| 32.85 | 32.65 | 1.00 | 32.15 | 4.04 | 247.5 |
| 33.85 | 33.65 | 1.00 | 33.15 | 3.85 | 259.7 |
| 34.85 | 34.65 | 1.00 | 34.15 | 4.14 | 241.5 |
| 35.85 | 35.65 | 1.00 | 35.15 | 3.38 | 295.8 |
| 36.55 | 36.35 | 0.70 | 36.00 | 2.35 | 297.8 |



Legacy Parkway

Site: SC-33-358
Location: STRUCTURE 33

Cone: 20 TON A 070
Date: 05:04:00 18:34

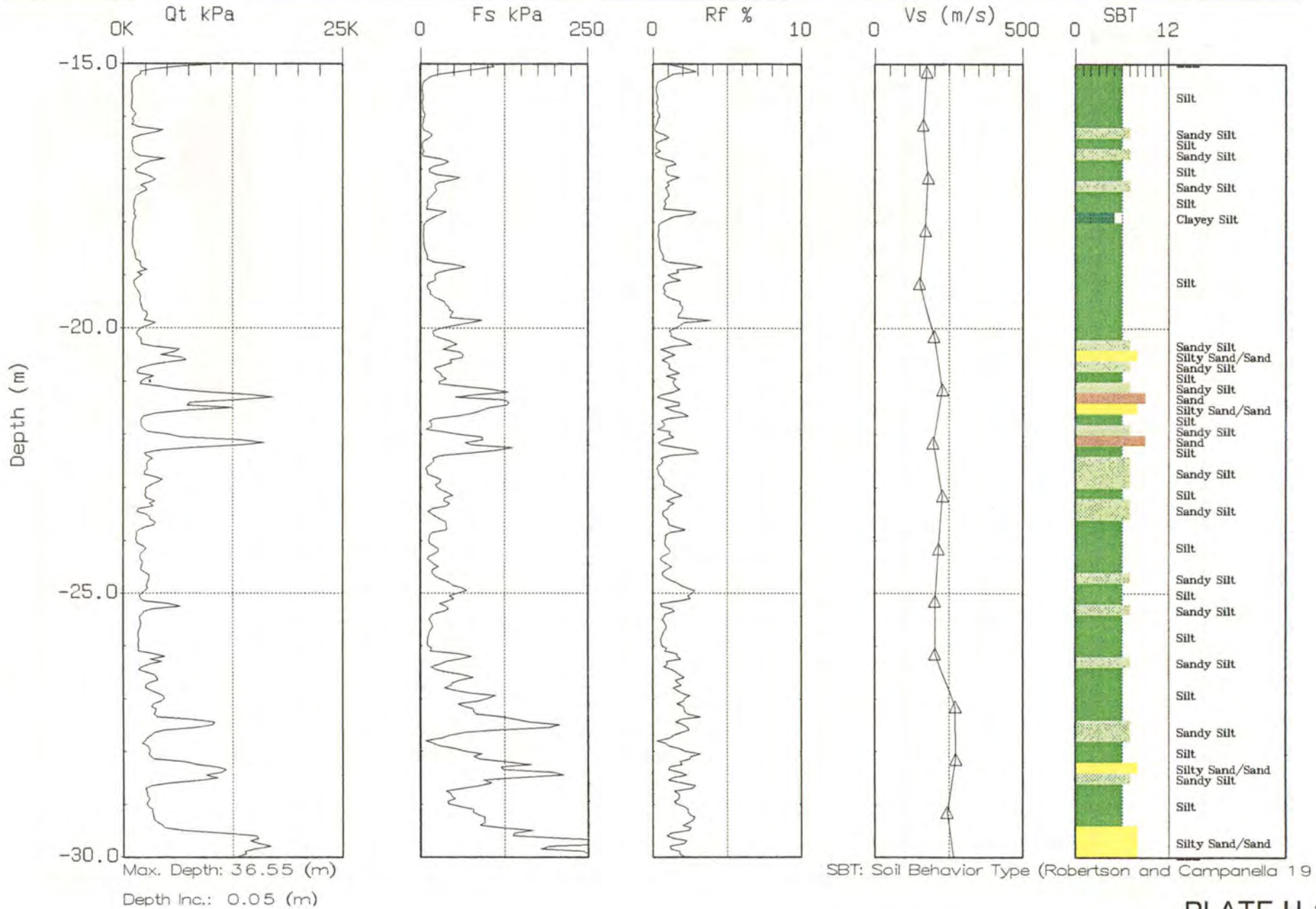




Legacy Parkway

Site: SC-33-358
Location: STRUCTURE 33

Cone: 20 TON A 070
Date: 05:04:00 18:34

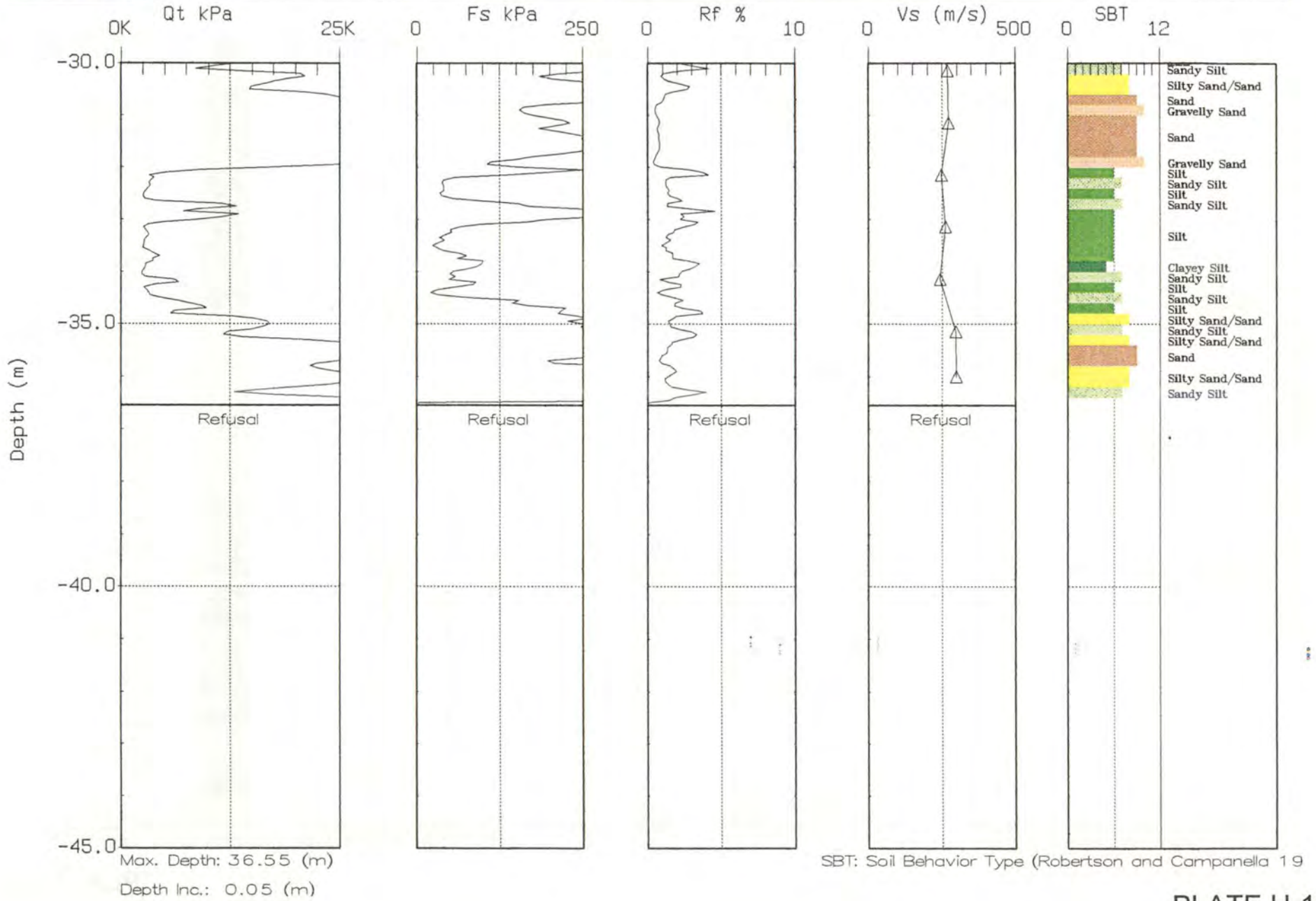




Legacy Parkway

Site: SC-33-358
Location: STRUCTURE 3.3

Cone: 20 TON A 070
Date: 05:04:00 18:34





Seismic Wave Velocity Calculations

Job No.: 00-300
 Client: Kleinfelder
 Location: Legacy Parkway
 CPT Date: 5/9/00
 CPT No.: RC-373

Geophone Offset (m): 0.20
 Source Offset (m): 0.61

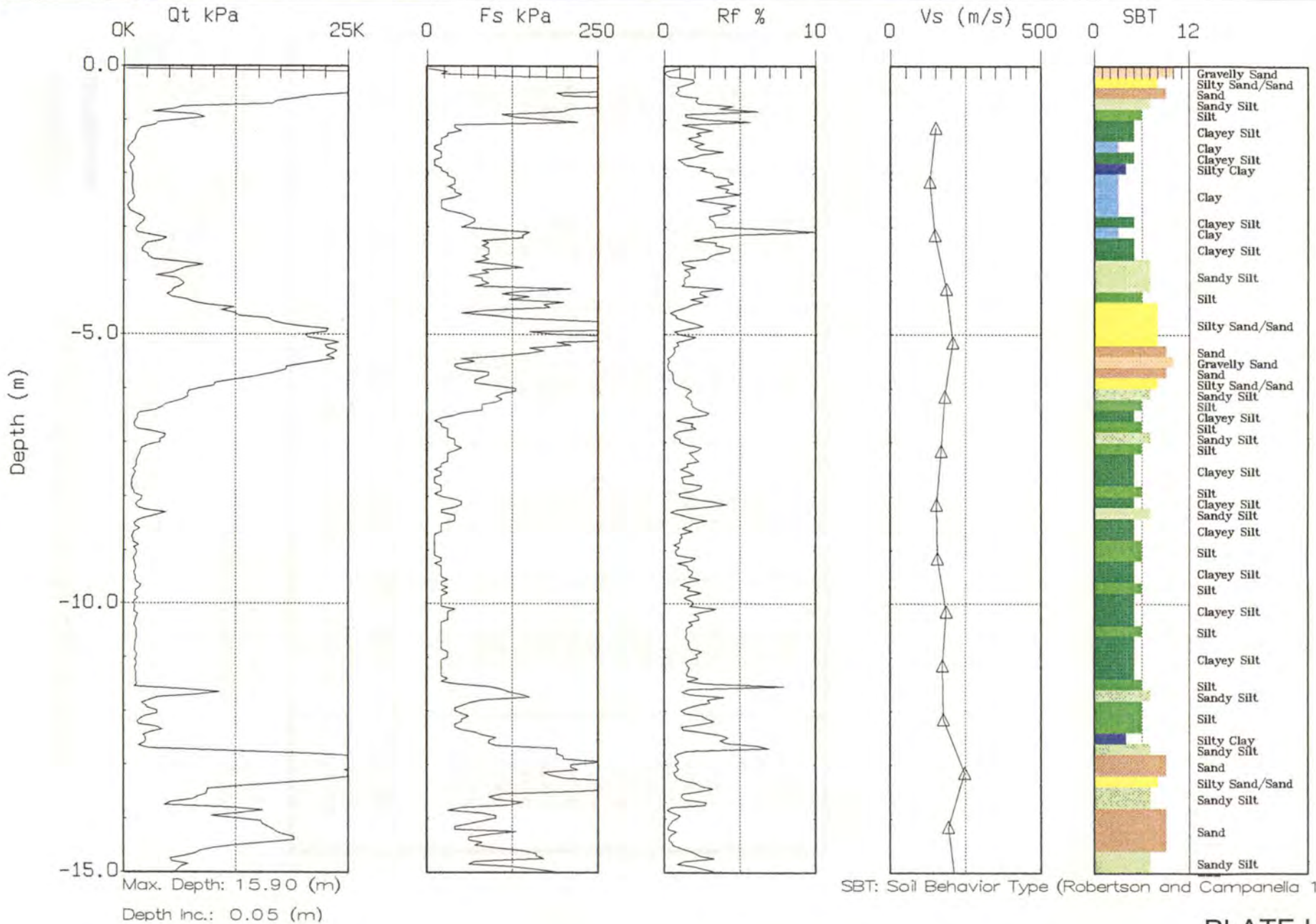
| Test Depth (m) | Ray Path (m) | Incremental Distance (m) | Interval Depth (m) | Vs Interval Time (ms) | Vs Interval Velocity (m/s) |
|----------------|--------------|--------------------------|--------------------|-----------------------|----------------------------|
| 0.85 | 0.89 | | | | |
| 1.85 | 1.76 | 0.87 | 1.15 | 5.78 | 150.1 |
| 2.85 | 2.72 | 0.96 | 2.15 | 7.33 | 131.0 |
| 3.85 | 3.70 | 0.98 | 3.15 | 6.63 | 148.0 |
| 4.85 | 4.69 | 0.99 | 4.15 | 5.36 | 184.6 |
| 5.85 | 5.68 | 0.99 | 5.15 | 4.79 | 207.3 |
| 6.85 | 6.68 | 1.00 | 6.15 | 5.50 | 180.9 |
| 7.85 | 7.67 | 1.00 | 7.15 | 5.92 | 168.3 |
| 8.85 | 8.67 | 1.00 | 8.15 | 6.48 | 153.9 |
| 9.85 | 9.67 | 1.00 | 9.15 | 6.35 | 157.1 |
| 10.85 | 10.67 | 1.00 | 10.15 | 5.36 | 186.2 |
| 11.85 | 11.67 | 1.00 | 11.15 | 5.73 | 174.3 |
| 12.85 | 12.66 | 1.00 | 12.15 | 5.64 | 177.1 |
| 13.85 | 13.66 | 1.00 | 13.15 | 4.04 | 247.3 |
| 14.85 | 14.66 | 1.00 | 14.15 | 5.17 | 193.2 |
| 15.85 | 15.66 | 1.00 | 15.15 | 4.70 | 212.6 |



Legacy Parkway

Site: RC-373
Location: ROAD BORING-373

Cone: 20 TON A 070
Date: 05:09:00 09:14

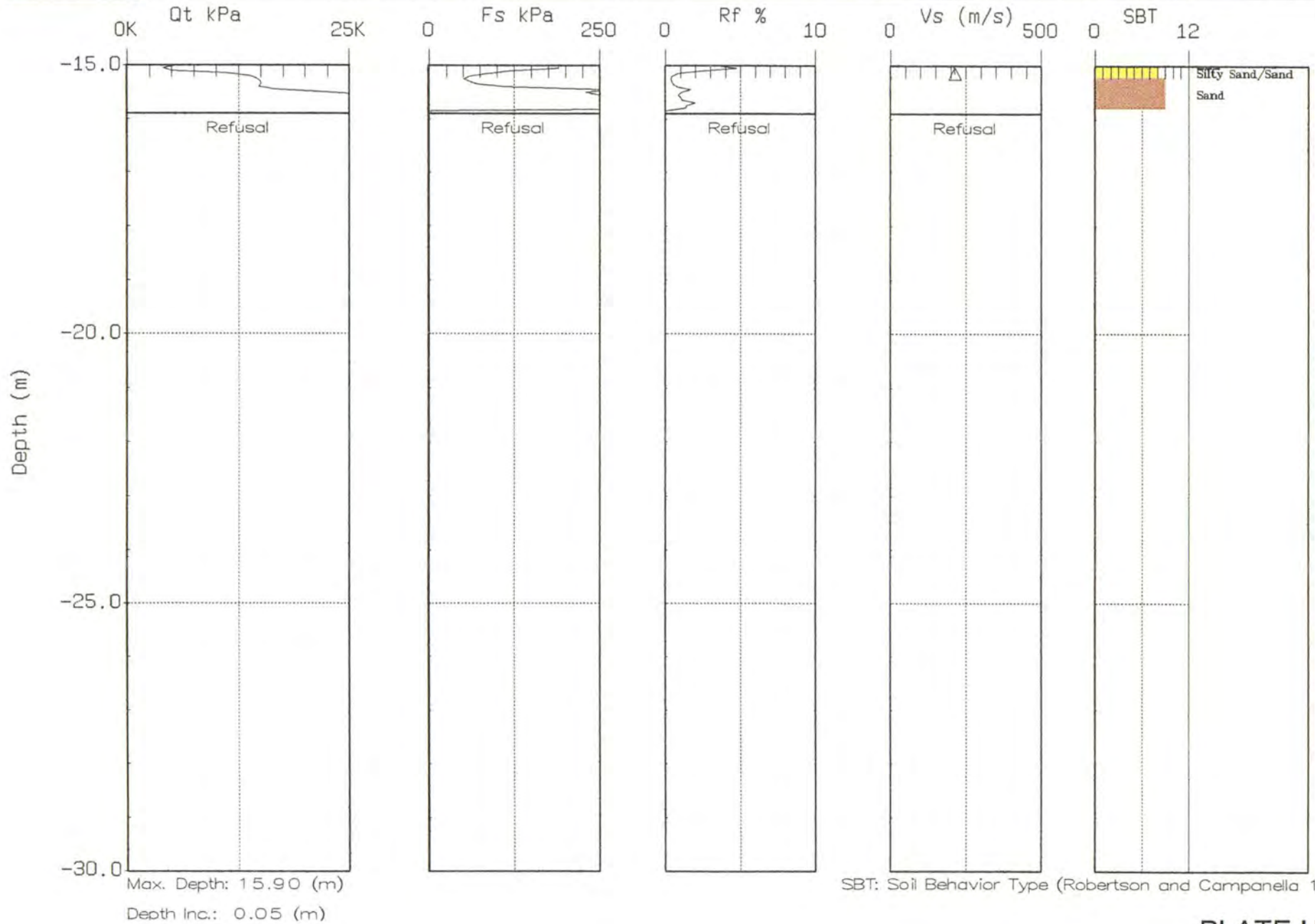




Legacy Parkway

Site: RC-373
Location: ROAD BORING-373

Cone: 20 TON A 070
Date: 05:09:00 09:14



Utah Department of Transportation
Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Haz-Tech Date: 2-9-2000
Drilling Company Address: 3131 Lanark suite B; Meridian, ID 83607 Phone: 800-359-1502
Drill Rig Make and Model: Kilman Brainer (BK)-81 Equipment No. BK-81-0192-105 (1992 Model)
Driller: Mike Corn SPT Hammer Type: Automatic
Condition of Hammer: _____ Weather: P.C. Temp: 45
Drill Rod Size: NWJ OD(in) _____ ID(in) _____ Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Bischoff
Location of Boring: I-15 / US-89, Lagoon Int. Drilling Method: Mud Rotary
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY1
PDA qFile Name (*.Q01) LEGACY1 PDA Blow Numbers: From 71 To 90
Depth from 30' to 31.5' SPT Blow Counts 21 total blows in 18"
BPF(2nd + 3rd 6 inches) _____
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35

Low 77.1

Comments: 20 total good blows

High 91.4

Avg. 84.4

Std. 3.9

Second Depth

PDA xFile Name (*.X01) LEGACY1

PDA qFile Name (*.Q01) LEGACY1 PDA Blow Numbers: From 91 To 99

Depth from 35' to 37.5' SPT Blow Counts (each 6 inches) 5 3

BPF(2nd + 3rd 6 inches) 8

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 80 Comments: 9 total good blows

High 105.7

Avg. 88.9

Std. 8.2

Third Depth

PDA xFile Name (*.X01) LEGACY1

PDA qFile Name (*.Q01) LEGACY1 PDA Blow Numbers: From 100 To 156

Depth from 40' to 42.5' SPT Blow Counts (each 6 inches) 16 20 20

BPF(2nd + 3rd 6 inches) 40

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 68.5 Comments: 57 total good blows

High 94.3

Avg. 82.6

Std. 5.2

Average EMX/0.35 (All Depths): 83.7 %

Standard Deviation (All Depths): 5.7 %

Utah Department of Transportation
Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Haz-Tech Date: 2-9-2000
Drilling Company Address: 3131 Lanark suite B; Meridian, ID 83607 Phone: 800-359-1502
Drill Rig Make and Model: CME-75 Equipment No. SN 227807
Driller: Chris Peterson SPT Hammer Type: Auto-Hydraulic
Condition of Hammer: Fair Weather: P.C. Temp: 50
Drill Rod Size: NWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Bischoff
Location of Boring: I-15 / US-89 Drilling Method: Mud Rotary
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY2
PDA qFile Name (*.Q01) LEGACY2 PDA Blow Numbers: From 1 To 68
Depth from 61' to 62.5' SPT Blow Counts (each 6 inches) 20 30 19
BPF(2nd + 3rd 6 inches) 49
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/35
Low 77 Comments: 68 total good blows
High 82.9
Avg. 80
Std. 1.3

Second Depth

PDA xFile Name (*.X01) LEGACY2

PDA qFile Name (*.Q01) LEGACY2 PDA Blow Numbers: From 69 To 113

Depth from 71' to 72.5' SPT Blow Counts (each 6 inches) 13 19 12 ___

BPF(2nd + 3rd 6 inches) 31

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35

Low 74.3 Comments: Blow 69, bad; 44 total good blows

High 80 _____

Avg. 78.2 _____

Std. 1.5

Third Depth

PDA xFile Name (*.X01) LEGACY2

PDA qFile Name (*.Q01) LEGACY2 PDA Blow Numbers: From 114 To 161

Depth from 76' to 77.5' SPT Blow Counts (each 6 inches) 17 20 20 ___

BPF(2nd + 3rd 6 inches) 40

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35

Low 74.3 Comments: Blow 114, bad; 47 total good blows

High 80 _____

Avg. 77.4 _____

Std. 1.3

Average EMX/0.35 (All Depths): 78.7 %

Standard Deviation (All Depths): 1.8 %

Utah Department of Transportation

Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Layne Christensen Date: 2-23-2000
Drilling Company Address: 1707 S. 4490 W., SLC Phone: (801)972-3333
Drill Rig Make and Model: Mobile B-53 Equipment No. 5908
Driller: Christian Davis SPT Hammer Type: Automatic-Hydraulic
Condition of Hammer: Fair Weather: Cloudy Temp: 40
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Graham California OD(in) 2.5 ID(in) 2
Location of Boring: I-215 / Redwood Rd. Int. Drilling Method: Rotary Wash
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY3
PDA qFile Name (*.Q01) LEGACY3 PDA Blow Numbers: From 1 To 6
Depth from 35' to 37' SPT Blow Counts 2 3 1
BPF(2nd + 3rd 6 inches) 4
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/35

Low 42.9

Comments: 6 total good blows

High 57.1

Avg. 51.4

Std. 5.2

Second Depth

PDA xFile Name (*.X01) LEGACY3

PDA qFile Name (*.Q01) LEGACY3 PDA Blow Numbers: From 7 To 24

Depth from 35' to 37.5' SPT Blow Counts (each 6 inches) 5 3 3 6

BPF(2nd + 3rd 6 inches) 6

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 34.3 Comments: 17 total good blows, blow #7 bad

High 74.3 _____

Avg. 51.4 _____

Std. 9.3

Third Depth

PDA xFile Name (*.X01) LEGACY3

PDA qFile Name (*.Q01) LEGACY3 PDA Blow Numbers: From 25 To 56

Depth from 42' to 44' SPT Blow Counts (each 6 inches) 7 13 11 _____

BPF(2nd + 3rd 6 inches) 24

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 34.3 Comments: 31 total good blows, blow #56 bad

High 71.4 _____

Avg. 58.3 _____

Std. 8.7

Average EMX/0.35 (All Depths): 55.4 %

Standard Deviation (All Depths): 8.8 %

Utah Department of Transportation
Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: R C Exploration Date: 2-28-2000
Drilling Company Address: Gusher Utah Phone: 801-722-3307
Drill Rig Make and Model: Diedrich D-120 Equipment No. 072009
Driller: Mike Labenski SPT Hammer Type: Automatic
Condition of Hammer: Good Weather: Cloudy Temp: 40
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2.0" ID(in) 1 3/8"
PDA Operators: Sjoblom, Bischoff
Location of Boring: Legacy, Farmington (23-289) Drilling Method: HSA
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1_30NWJ1 F2_30NWJ2
Accel. Transducers: A1_340 A2_353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) Legacy4
PDA qFile Name (*.Q01) “ PDA Blow Numbers: From 1 To 45
Depth from 19' to 21' SPT Blow Counts (each 6 inches) 8 8 18 11
BPF(2nd + 3rd 6 inches) 26
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/35
Low 34.3 Comments: 45 good blows recorded
High 65.7
Avg. 44.3
Std. 7.5

Second Depth

PDA xFile Name (*.X01)Legacy4

PDA qFile Name (*.Q01)“ _____ PDA Blow Numbers: From 46 To 209

Depth from 24' to 26' SPT Blow Counts (each 6 inches) 24 54 49 57

BPF(2nd + 3rd 6 inches) 103

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 31.4 Comments: 163 good blows recorded; Blow #46 bad

High 65.7 _____

Avg. 43.6 _____

Std. 8.5

Third Depth

PDA xFile Name (*.X01)Legacy4

PDA qFile Name (*.Q01)“ _____ PDA Blow Numbers: From 210 To 346

Depth from 28' to 30' SPT Blow Counts (each 6 inches) 13 26 48 50

BPF(2nd + 3rd 6 inches) 74

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 34.3 Comments: 137 good blows recorded

High 71.4 _____

Avg. 49.2 _____

Std. 8.2

Average EMX/0.35 (All Depths): 46.0%

Standard Deviation (All Depths): 8.7%

Utah Department of Transportation

Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Haz-Tech Date: 3-1 & 3-2-2000
Drilling Company Address: 3131 Lanark suite B; Meridian, ID 83607 Phone: 800-359-1502
Drill Rig Make and Model: CME 850 Equipment No. 267652 (1995 Model)
Driller: Rick Knott SPT Hammer Type: Automatic
Condition of Hammer: Good Weather: Cloudy Temp: 45
Drill Rod Size: NWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Graham
Location of Boring: I-215 / South side of Jordan River Drilling Method: Mud Rotary
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY5
PDA qFile Name (*.Q01) LEGACY5 PDA Blow Numbers: From 1 To 4
Depth from 20' to 22' SPT Blow Counts 2 2 1 1
BPF(2nd + 3rd 6 inches) 3
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35
Low 60.0 Comments: 4 total good blows
High 62.8
Avg. 62.1
Std. 1.2

Second Depth

PDA xFile Name (*.X01) LEGACY5

PDA qFile Name (*.Q01) LEGACY5 PDA Blow Numbers: From 7 To 14

Depth from 25' to 27' SPT Blow Counts (each 6 inches) 2 1 1

BPF(2nd + 3rd 6 inches) 2

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 60.0 Comments: 4 total good blows

High 65.7

Avg. 61.4

Std. 2.5

Third Depth

PDA xFile Name (*.X01) LEGACY5

PDA qFile Name (*.Q01) LEGACY5 PDA Blow Numbers: From 12 To 23

Depth from 30' to 32' SPT Blow Counts (each 6 inches) 1 2 3 6

BPF(2nd + 3rd 6 inches) 5

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 60.0 Comments: 12 total good blows

High 71.4

Avg. 65.5

Std. 4.4

Fourth Depth

PDA xFile Name (*.X01) LEGACY5A

PDA qFile Name (*.Q01) LEGACY5A PDA Blow Numbers: From 7 To 14

Depth from 50' to 52' SPT Blow Counts (each 6 inches) 4 4

BPF(2nd + 3rd 6 inches) 8

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 57.1

Comments: 8 total good blows; Readings taken on

High 60.0

3-2-00

Avg. 59.3

Std. 1.2

Third Depth

PDA xFile Name (*.X01) LEGACY5A

PDA qFile Name (*.Q01) LEGACY5A PDA Blow Numbers: From 16 To 16

Depth from 70' to 72' SPT Blow Counts (each 6 inches) 1 blow in 18"

BPF(2nd + 3rd 6 inches)

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 62.9

Comments: 1 total good blow; Reading taken on

High 62.9

3-2-00

Avg. 62.9

Std. 0.0

Average EMX/0.35 (All Depths): 62.7 %

Standard Deviation (All Depths): 4.0 %

Utah Department of Transportation

Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Layne Christiansen Date: 3-7-2000
Drilling Company Address: 1707 S. 4490 W., SLC Phone: (801)972-3333
Drill Rig Make and Model: CME 750 Equipment No. 5908
Driller: Christian Davis SPT Hammer Type: Automatic
Condition of Hammer: Fair Weather: Cloudy Temp: 40
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Graham SPT OD(in) 2.5 ID(in) 2
Location of Boring: I-15 / US-89 Drilling Method: Rotary Wash
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY6

PDA qFile Name (*.Q01) LEGACY6 PDA Blow Numbers: From 1 To 7

Depth from 22' to 24' SPT Blow Counts 1 3 1 2

BPF(2nd + 3rd 6 inches) 4

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/ .35

Low 60.0

Comments: 7 total good blows; California Sampler Used

High 62.9

Avg. 60.4

Std. 1.0

Second Depth

PDA xFile Name (*.X01) LEGACY6

PDA qFile Name (*.Q01) LEGACY6 PDA Blow Numbers: From 9 To 16

Depth from 25' to 27' SPT Blow Counts (each 6 inches) 0 1 3 4

BPF(2nd + 3rd 6 inches) 4

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 60.0

Comments: 8 total good blows; California Sampler Used

High 65.7

Avg. 63.9

Std. 2.0

Third Depth

PDA xFile Name (*.X01) LEGACY6

PDA qFile Name (*.Q01) LEGACY6 PDA Blow Numbers: From 18 To 31

Depth from 27' to 29' SPT Blow Counts (each 6 inches) 0 0 7 7

BPF(2nd + 3rd 6 inches) 7

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 62.9

Comments: 14 total good blows; SPT Sampler Used

High 68.6

Avg. 66.9

Std. 1.8

Fourth Depth

PDA xFile Name (*.X01) LEGACY6

PDA qFile Name (*.Q01) LEGACY6 PDA Blow Numbers: From 57 To 105

Depth from 32' to 34' SPT Blow Counts (each 6 inches)

BPF(2nd + 3rd 6 inches)

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 65.7 Comments: 49 total good blows

High 71.4 _____

Avg. 67.9 _____

Std. 1.6

Average EMX/0.35 (All Depths): 66.6 %

Standard Deviation (All Depths): 2.8 %

Utah Department of Transportation

Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Layne Christensen Date: 3-7-2000
Drilling Company Address: 1707 S. 4490 W., SLC Phone: (801)972-3333
Drill Rig Make and Model: Terramec 1000 Equipment No. 5708
Driller: Jay Hulse SPT Hammer Type: Rope and Cathead
Condition of Hammer: Fair Weather: P. Cloudy Temp: 40
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Graham
Location of Boring: Layne Christensen's Yard Drilling Method: HSA
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY7
PDA qFile Name (*.Q01) LEGACY7 PDA Blow Numbers: From 2 To 67
Depth from 20' to 22' SPT Blow Counts 7 15 22 22
BPF(2nd + 3rd 6 inches) 37
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/35

Low 45.7

High 74.3

High 74.3

Avg. 63.2

Std. 6.1

Comments: 66 total good blows; Used Mobile B-53 to auger down to 20' depth, then tested Terramec 1000 hammer in hole; Scott Church actually operated hammer on the Legacy project, but was unable to be there for energy test

Second Depth

PDA xFile Name (*.X01) LEGACY7

PDA qFile Name (*.Q01) LEGACY7 PDA Blow Numbers: From 69 To 115

Depth from 22' to 24' SPT Blow Counts (each 6 inches) 9 16 12 9

BPF(2nd + 3rd 6 inches) 28

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35

Low 48.6

Comments: 47 total good blows

High 77.1

Avg. 64.5

Std. 7.4

Average EMX/0.35 (All Depths): 63.7 %

Standard Deviation (All Depths): 6.7 %

Utah Department of Transportation

Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: Layne Christensen Date: 3-7-2000
Drilling Company Address: 1707 S. 4490 W., SLC Phone: (801)972-3333
Drill Rig Make and Model: Mobile B-80 Equipment No. 6164
Driller: Jay Hulse SPT Hammer Type: Rope and Cathead
Condition of Hammer: Fair (Rusty- small 6" diam. cathead) Weather: P. Cloudy Temp: 40

Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Graham
Location of Boring: Layne Christensen's Yard Drilling Method: HSA
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY8
PDA qFile Name (*.Q01) LEGACY8 PDA Blow Numbers: From 2 To 45
Depth from 25' to 27' SPT Blow Counts 6 16 11 12
BPF(2nd + 3rd 6 inches) 27
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/ .35

Low 48.6

High 68.6

Avg. 61.3

Std. 4.6

Comments: 43 total good blows; Used Mobile B-53 to auger down to 25' depth, then tested Mobile B-80 hammer in hole; not sure who actually operated hammer on the Legacy project

Second Depth

PDA xFile Name (*X01) LEGACY8

PDA qFile Name (*Q01) LEGACY8 PDA Blow Numbers: From 46 To 120

Depth from 27' to 29' SPT Blow Counts (each 6 inches) 7 6 25 36

BPF(2nd + 3rd 6 inches) 31

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 48.6

Comments: 75 total good blows

High 68.6

Avg. 61.2

Std. 4.9

Average EMX/0.35 (All Depths): 61.2 %

Standard Deviation (All Depths): 4.8 %

Utah Department of Transportation
Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: R C Exploration Date: 3-14-2000
Drilling Company Address: Gusher Utah Phone: 801-722-3307
Drill Rig Make and Model: Diedrich D-120 Equipment No. LX1366 (licence plate#)
Driller: Nathan Young SPT Hammer Type: Automatic
Condition of Hammer: Fair Weather: Cloudy Temp: 45
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2.0" ID(in) 1 3/8"
PDA Operators: Sjoblom, Bischoff, Ryan CAL OD(in) 2.5" ID(in) 2"
Location of Boring: Glover's Layne, West of I-15 Structure Drilling Method: HSA
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) Legacy9
PDA qFile Name (*.Q01) “ PDA Blow Numbers: From 2 To 17
Depth from 30' to 32' SPT Blow Counts (each 6 inches) 2 3 5 7
BPF(2nd + 3rd 6 inches) 8
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35

Low 82.9

Comments: 16 good blows recorded; California Sampler used

High 105.7

Avg. 91.3

Std. 6.7

Second Depth

PDA xFile Name (*.X01) Legacy9

PDA qFile Name (*.Q01) " " PDA Blow Numbers: From 18 To 43

Depth from 32' to 34' SPT Blow Counts (each 6 inches) 5 6 9 6

BPF(2nd + 3rd 6 inches) 15

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 68.6

Comments: 26 good blows recorded; Standard SPT Sampler

High 102.9

used

Avg. 85.4

Std. 8.2

Third Depth

PDA xFile Name (*.X01) Legacy9

PDA qFile Name (*.Q01) " " PDA Blow Numbers: From 45 To 65

Depth from 35' to 37' SPT Blow Counts (each 6 inches) 4 4 6 8

BPF(2nd + 3rd 6 inches) 10

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 80.0

Comments: 21 good blows recorded

High 100.0

Avg. 91.0

Std. 5.9

Average EMX/0.35 (All Depths): 88.8 %

Standard Deviation (All Depths): 8.0 %

Utah Department of Transportation
Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: R C Exploration Date: 4-3-2000
Drilling Company Address: Gusher Utah Phone: 801-722-3307
Drill Rig Make and Model: Kilman Brainer (BK)-66 Equipment No. BK-660693-108
Driller: Rich Ibarra SPT Hammer Type: Automatic
Condition of Hammer: Fair Weather: Sunny Temp: 50
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: SPT OD(in) 2 ID(in) 1 3/8
PDA Operators: Sjoblom, Bischoff
Location of Boring: Pages Ln. South of BARD Landfill Drilling Method: HSA-8"
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 80 feet, 2 foot interval each.

First Depth

PDA xFile Name (*.X01) LEGACY10
PDA qFile Name (*.Q01) LEGACY10 PDA Blow Numbers: From 36 To 89
Depth from 50' to 52' **SPT Blow Counts** 8 10 15 19
BPF(2nd + 3rd 6 inches) 25
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/ .35

Low 60.0

Comments: 54 total good blows

High 74.3

Avg. 69.3

Std. 3.2

Second Depth

PDA xFile Name (*.X01) LEGACY10

PDA qFile Name (*.Q01) LEGACY10 PDA Blow Numbers: From 91 To 133

Depth from 60' to 62' SPT Blow Counts (each 6 inches) 9 8 12 13

BPF(2nd + 3rd 6 inches) 20

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/0.35

Low 54.3

Comments: 43 total good blows

High 80.0

Avg. 67.7

Std. 5.0

Average EMX/0.35 (All Depths): 68.6 %

Standard Deviation (All Depths): 4.2 %

Utah Department of Transportation
Geotechnical Division-SPT Hammer Calibration

Calibration Set Up Data:

Drilling Company: R C Exploration Date: 4-11-2000
Drilling Company Address: Gusher Utah Phone: 801-722-3307
Drill Rig Make and Model: Diedrich D-120 Equipment No. 072009
Driller: Mike Labenski SPT Hammer Type: Automatic
Condition of Hammer: Good-Cleaned since 2-28-00 test Weather: Sunny Temp: 55
Drill Rod Size: AWJ OD(in) ID(in) Sampler Size: OD(in) ID(in)
PDA Operators: Sjoblom, Graham
Location of Boring: 4100 S. 4800 W. - West Valley Drilling Method: HSA
PDA Equipment Used: PAC S.N.1247K Strain Transducers: F1 30NWJ1 F2 30NWJ2
Accel. Transducers: A1 340 A2 353

Monitored Data:

Recommend monitoring at 3 depths between 15 and 50 feet, 2 foot interval each.

First Depth

PDA xFile Name (*X01) Legacy4a
PDA qFile Name (*Q01) “ PDA Blow Numbers: From 79 To 141
Depth from 15' to 17' SPT Blow Counts (each 6 inches) 6 16 21 20
BPF(2nd + 3rd 6 inches) 37
PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/35
Low 71.4 Comments: Retest of hammer which was cleaned and
High 91.4 lubricated since test performed on 2-28-00;
Avg. 81.3 63 blows recorded
Std. 6.3

Second Depth

PDA xFile Name (*.X01) Legacy4a

PDA qFile Name (*.Q01) " " PDA Blow Numbers: From 143 To 210

Depth from 25' to 27' SPT Blow Counts (each 6 inches) 5 9 25 28

BPF(2nd + 3rd 6 inches) 34

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 68.6 Comments: 68 blows recorded

High 94.3

Avg. 78.7

Std. 5.0

Third Depth

PDA xFile Name (*.X01) Legacy4a

PDA qFile Name (*.Q01) " " PDA Blow Numbers: From 212 To 273

Depth from 35' to 37' SPT Blow Counts (each 6 inches) 4 9 23 26

BPF(2nd + 3rd 6 inches) 32

PDA Parameters Monitored (*Recommend EMX, ETR set ER to 0.35, EF2, FMX, DFN, BPM*):

EMX/.35

Low 71.4 Comments: 62 blows recorded

High 85.7

Avg. 79.8

Std. 4.4

Average EMX/0.35 (All Depths): 79.9 %

Standard Deviation (All Depths): 5.4 %

Fifteen Square cm Cone Calibration Sheet

Cone Info:

Serial #: **AD058**
 Date: **12-Oct-99**
 Tip Load Capacity: 1500 bar @ 7.5 volts
 Tip End Area 15 cm²
 Fric. Load Capacity: 15 bar @ 7.5 volts
 Friction Area 225 cm²
 Pressure Capacity: 500 psi @ 7.5 volts
 x accelerometer: none g
 y accelerometer: none g
 RTD Location: load cell
 Geophone: installed

Calibrator Info:

Sensitivity: 0.000313 volt/lb.
 Area Conversion: 6.4516 cm²/in²
 Pressure Conversion 14.5038 psi/bar

Tip Calibration:

Baseline: -0.039 volts 301.2 ohms

| Stress (bar) | Cal. Output (volts) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|-----------------|------------------------|---------------------------|--------------------------|--------------|
| 0 | 0.0000 | 0.000 | 0.000 | |
| 100 | 1.0555 | 0.500 | 0.500 | 0.00% |
| 200 | 2.1110 | 1.000 | 1.000 | 0.00% |
| 300 | 3.1664 | 1.500 | 1.500 | 0.00% |
| 400 | 4.2219 | 2.000 | 2.001 | 0.05% |

Sleeve Calibration:

Baseline: 0.035 volts 201.7 ohms

| Stress (bar) | Cal. Output (volts) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|-----------------|------------------------|---------------------------|--------------------------|--------------|
| 0.00 | 0.0000 | 0.000 | 0.000 | |
| 3.00 | 0.4750 | 1.500 | 1.501 | 0.07% |
| 6.00 | 0.9499 | 3.000 | 2.999 | -0.03% |
| 9.00 | 1.4249 | 4.500 | 4.503 | 0.07% |
| 12.00 | 1.8999 | 6.000 | 6.001 | 0.02% |
| 15.00 | 2.3748 | 7.500 | 7.503 | 0.04% |

Fifteen Square cm Cone Calibration Sheet

Pressure Calibration:

Kulite S/N 6177-4-95 Alpha Code 046-72

Baseline:

0.111 volts

972 ohms

| Pressure (psi) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|-------------------|---------------------------|--------------------------|--------------|
| 0 | 0.000 | 0.000 | |
| 100 | 1.500 | 1.497 | -0.20% |
| 200 | 3.000 | 3.003 | 0.10% |
| 300 | 4.500 | 4.515 | 0.33% |
| 400 | 6.000 | 6.030 | 0.50% |
| 500 | 7.500 | 7.545 | 0.60% |

X Accelerometer Calibration:

Baseline:

0 volts

not installed on creation

| Acceleration (g) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|---------------------|---------------------------|--------------------------|--------------|
| -1 | -3.530 | 0.000 | -100.00% |
| 1 | 3.530 | 0.000 | -100.00% |

Y Accelerometer Calibration:

Baseline:

0 volts

not installed on creation

| Acceleration (g) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|---------------------|---------------------------|--------------------------|--------------|
| -1 | -3.530 | 0.000 | -100.00% |
| 1 | 3.530 | 0.000 | -100.00% |

Temperature Calibration:

Baseline

3.104 volts

installed in load cell

Cone Info:

Serial #: **AD070**
 Date: **04-May-99**
 Tip Load Capacity: 1500 bar @ 7.5 volts
 Tip End Area 15 cm2
 Fric. Load Capacity: 15 bar @ 7.5 volts
 Friction Area 225 cm2
 Pressure Capacity: 500 psi @ 7.5 volts
 x accelerometer: none g
 y accelerometer: none g
 RTD Location: load cell
 Geophone: installed

Calibrator Info:

Sensitivity: 0.000315 volt/lb.
 Area Conversion: 6.4516 cm2/in2
 Pressure Conversion 14.5038 psi/bar

Tip Calibration:

Baseline: -0.225 volts 303.1 ohms

| Stress (bar) | Cal. Output (volts) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|--------------|---------------------|------------------------|-----------------------|-----------|
| 0 | 0.0000 | 0.000 | 0.000 | |
| 100 | 1.0622 | 0.500 | 0.501 | 0.20% |
| 200 | 2.1244 | 1.000 | 1.002 | 0.20% |
| 300 | 3.1867 | 1.500 | 1.504 | 0.27% |
| 400 | 4.2489 | 2.000 | 2.007 | 0.35% |

Sleeve Calibration:

Baseline: 0.086 volts 935.4 ohms

| Stress (bar) | Cal. Output (volts) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|--------------|---------------------|------------------------|-----------------------|-----------|
| 0.00 | 0.0000 | 0.000 | 0.000 | |
| 3.00 | 0.4780 | 1.500 | 1.494 | -0.40% |
| 6.00 | 0.9560 | 3.000 | 2.998 | -0.07% |
| 9.00 | 1.4340 | 4.500 | 4.509 | 0.20% |
| 12.00 | 1.9120 | 6.000 | 6.022 | 0.37% |
| 15.00 | 2.3900 | 7.500 | 7.531 | 0.41% |

Pressure Calibration:

Transducer: Kulite S/N 5853-2-127 Alpha Code R37-68

Baseline: -0.294 volts 935.4 ohms

| Pressure (psi) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|----------------|------------------------|-----------------------|-----------|
| 0 | 0.000 | 0.000 | |
| 100 | 1.500 | 1.497 | -0.20% |
| 200 | 3.000 | 2.998 | -0.07% |
| 300 | 4.500 | 4.503 | 0.07% |
| 400 | 6.000 | 6.011 | 0.18% |
| 500 | 7.500 | 7.520 | 0.27% |

X Accelerometer Calibration:

Baseline: 0 volts not installed on creation

| Acceleration (g) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|------------------|------------------------|-----------------------|-----------|
| -1 | -3.530 | 0.000 | -100.00% |
| 1 | 3.530 | 0.000 | -100.00% |

Y Accelerometer Calibration:

Baseline: 0 volts not installed on creation

| Acceleration (g) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|------------------|------------------------|-----------------------|-----------|
| -1 | -3.530 | 0.000 | -100.00% |
| 1 | 3.530 | 0.000 | -100.00% |

Temperature Calibration:

Baseline 3.221 volts installed in load cell

Fifteen Square cm Cone Calibration Sheet

Deep Cone Calibration
Adara Systems Ltd.

Cone Info:

Serial #: **AD092**
 Date: **01-Nov-99**
 Tip Load Capacity: 1500 bar @ 7.5 volts
 Tip End Area 15 cm2
 Fric. Load Capacity: 15 bar @ 7.5 volts
 Friction Area 225 cm2
 Pressure Capacity: 500 psi @ 7.5 volts
 x accelerometer: none g
 y accelerometer: none g
 RTD Location: Geophone carrier
 Geophone: installed
 Tilt Sensor Adara

Calibrator Info:

Sensitivity: 0.000313 volt/lb.
 Area Conversion: 6.4516 cm2/in2
 Pressure Conversion 14.5038 psi/bar

Tip Calibration:

Baseline: -0.033 volts 295.4 ohms

| Stress (bar) | Cal. Output (volts) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|--------------|---------------------|------------------------|-----------------------|-----------|
| 0 | 0.0000 | 0.000 | 0.000 | |
| 100 | 1.0555 | 0.500 | 0.499 | -0.20% |
| 200 | 2.1110 | 1.000 | 0.999 | -0.10% |
| 300 | 3.1664 | 1.500 | 1.499 | -0.07% |
| 400 | 4.2219 | 2.000 | 2.001 | 0.05% |

Sleeve Calibration:

Baseline: 0.056 volts 199.3 ohms

| Stress (bar) | Cal. Output (volts) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|--------------|---------------------|------------------------|-----------------------|-----------|
| 0.00 | 0.0000 | 0.000 | 0.000 | |
| 3.00 | 0.4750 | 1.500 | 1.500 | 0.00% |
| 6.00 | 0.9499 | 3.000 | 3.001 | 0.03% |
| 9.00 | 1.4249 | 4.500 | 4.503 | 0.07% |
| 12.00 | 1.8999 | 6.000 | 6.000 | 0.00% |
| 15.00 | 2.3748 | 7.500 | 7.492 | -0.11% |

Fifteen Square cm Cone Calibration Sheet

Pressure Calibration:

Transducer: Kulite S/N Q46-44

Baseline: 0.155 volts 1004.5 ohms

| Pressure (psi) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|-------------------|---------------------------|--------------------------|--------------|
| 0 | 0.000 | 0.000 | |
| 100 | 1.500 | 1.496 | -0.27% |
| 200 | 3.000 | 3.000 | 0.00% |
| 300 | 4.500 | 4.506 | 0.13% |
| 400 | 6.000 | 6.015 | 0.25% |
| 500 | 7.500 | 7.525 | 0.33% |

X Accelerometer Calibration:

| Acceleration (g) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|---------------------|---------------------------|--------------------------|--------------|
| | | | |
| -15 degrees | -1.500 | -1.511 | 0.73% |
| +15 degrees | 1.500 | 1.511 | 0.73% |

Y Accelerometer Calibration:

| Acceleration (g) | Desired Output (volts) | Actual Output (volts) | Error (%) |
|---------------------|---------------------------|--------------------------|--------------|
| | | | |
| -15 degrees | -1.500 | -1.538 | 2.53% |
| +15 degrees | 1.500 | 1.538 | 2.53% |

Temperature Calibration:

Baseline 3.413 volts installed in geophone carr



Daily Baseline Summary

| | |
|--|--------------------|
| Project No.: 00-300 | Date: 12/20/99 |
| Project Location: LEGACY - PARISH LAKE | Rig TRUCK |
| Client/Rep: KLEINFELDER/GREG | Operator: REP/JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size 058/.015 | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. WC-24-203 | Tip | -1.107 | -1.096 | .011 | 220.0 | -220.0 |
| Elevation (ft) | Sleeve | .040 | .036 | | | — |
| Northing or Latitude | PP | .149 | .116 | -.033 | -15.2 | +15.2 |
| Easting or Latitude | Temp | 1.200 | 2.359 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CPO1.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info Cone/Size 058/.015 | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. WC 17-214 | Tip | -1.101 | -1.101 | | | — |
| Elevation (ft) | Sleeve | .038 | .042 | | | — |
| Northing or Latitude | PP | .124 | .148 | .024 | 11.0 | -11.0 |
| Easting or Latitude | Temp | 2.138 | 1.933 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CPO2.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info Cone/Size 058/.015 | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. WC 15-220 | Tip | -1.106 | -1.100 | | | — |
| Elevation (ft) | Sleeve | .030 | .043 | .013 | 2.6 | -2.6 |
| Northing or Latitude | PP | .126 | .130 | | | — |
| Easting or Latitude | Temp | 2.102 | 2.009 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CPO3.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|-----------------------|
| Project No.: <u>00-300</u> | Date: <u>12/21/99</u> |
| Project Location: <u>Legacy Highway Parish Lane</u> | Rig <u>TRUCK</u> |
| Client/Rep: <u>Kleinfelder / Greg</u> | Operator: <u>REJ</u> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <u>055 / .015</u> | | | | | | |
| Hole No. <u>GUC-15-221</u> | Tip | <u>- .113</u> | <u>- .100</u> | <u>.013</u> | <u>260.0</u> | <u>- 260.0</u> |
| Elevation (ft) | Sleeve | <u>.028</u> | <u>.041</u> | <u>.013</u> | <u>2.6</u> | <u>- 2.6</u> |
| Northing or Latitude | PP | <u>.157</u> | <u>.130</u> | <u>-.027</u> | <u>-12.4</u> | <u>+12.4</u> |
| Easting or Latitude | Temp | <u>.619</u> | <u>1.917</u> | | | |

| | | | | |
|----------------|-----------------------------|--|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>50.03</u> (15.25m) | Water Table (ft): | CPT File: <u>300CPTA.DAT</u> |
|----------------|-----------------------------|--|-------------------|------------------------------|

| Sounding info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|--|----------------------|
| Project No.: 00-300 | Date: 01-06-00 |
| Project Location: LEGACY HIGHWAY - PARETH LANE | Rig TRUCK |
| Client/Rep: KLEINFELDER / JEFF | Operator: REP / JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. WC-15-220B | Tip | - .107 | - .104 | | | — |
| Elevation (ft) | Sleeve | .028 | .034 | | | — |
| Northing or Latitude | PP | .145 | .125 | -.020 | -9.2 | +9.2 |
| Easting or Latitude | Temp | 1.234 | 2.032 | | | |

| | | | | |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CP05.DAT |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. WC-17-214B | Tip | - .102 | - .103 | | | — |
| Elevation (ft) | Sleeve | .031 | .033 | | | — |
| Northing or Latitude | PP | .127 | .138 | .011 | 5.1 | -5.1 |
| Easting or Latitude | Temp | 2.107 | 2.312 | | | |

| | | | | |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CP06.DAT |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. WC-116-223B | Tip | - .099 | - .104 | | | — |
| Elevation (ft) | Sleeve | .029 | .037 | | | — |
| Northing or Latitude | PP | .118 | .147 | .029 | 13.3 | -13.3 |
| Easting or Latitude | Temp | 2.547 | 1.678 | | | |

| | | | | |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 50.83 (15.25m) | Water Table (ft): | CPT File: 300CP07.DAT |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--------------------|
| Project No.: 00-300 | Date: 01-07-00 |
| Project Location: LEDACY HIGHWAY/HWY 89 | Rig TRUCK |
| Client/Rep: KLEINFELDER/MARK | Operator: REP/JOST |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 / 015 | | | | | | |
| Hole No. WC-13-235 | Tip | -1.106 | -1.101 | | | — |
| Elevation (ft) | Sleeve | .023 | .032 | | | — |
| Northing or Latitude | PP | .121 | .118 | | | — |
| Easting or Latitude | Temp | 1.689 | 2.103 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 46.75 (14.25m) | Water Table (ft): | CPT File: 300CPO8.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. WC-10-232 | Tip | -.099 | -.107 | | | — |
| Elevation (ft) | Sleeve | .040 | .050 | | | — |
| Northing or Latitude | PP | .113 | .129 | .016 | 7.4 | -7.4 |
| Easting or Latitude | Temp | 2.219 | 2.403 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CPO9.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. WC-9-227 | Tip | -.097 | -.101 | | | — |
| Elevation (ft) | Sleeve | .041 | .051 | | | — |
| Northing or Latitude | PP | .108 | .126 | .018 | 8.3 | -8.3 |
| Easting or Latitude | Temp | 2.700 | 2.271 | | | |

| | | | | |
|----------------|---------------------|------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 41.24 (12.4m) | Water Table (ft): | CPT File: 300CPI0.DAT |
|----------------|---------------------|------------------------------------|-------------------|-----------------------|

| | | |
|--------------------|-------------------|--|
| Conversion Values: | Depth: 1m=3.28 ft | Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft. |
|--------------------|-------------------|--|



Daily Baseline Summary

| | |
|--|----------------------|
| Project No.: 00-300 | Date: 01-10-00 |
| Project Location: LEBACY HIGHWAY - PARISH LANE | Rig TRUCK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP / JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 05B .215 | | | | | | |
| Hole No. WG-22-207 | Tip | -.107 | -.100 | | | — |
| Elevation (ft) | Sleeve | .032 | .037 | | | — |
| Northing or Latitude | PP | .132 | .122 | | | — |
| Easting or Latitude | Temp | 1.241 | 1.806 | | | |

| | | | | |
|-------------------------|-------------------------|--|-------------------|--------------------------|
| Pre-bore (ft): CASED | Start Depth: (ft): 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CRT File: 300CP11.DAT |
|-------------------------|-------------------------|--|-------------------|--------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| | | | | | | |
| Hole No. SC-16-269 | Tip | -.099 | -.100 | | | — |
| Elevation (ft) | Sleeve | .038 | .040 | | | — |
| Northing or Latitude | PP | .120 | .116 | | | — |
| Easting or Latitude | Temp | 1.891 | 2.165 | | | |

| | | | | |
|-------------------------|-------------------------|--|-------------------|--------------------------|
| Pre-bore (ft): CASED | Start Depth: (ft): 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CRT File: 300CP12.DAT |
|-------------------------|-------------------------|--|-------------------|--------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| | | | | | | |
| Hole No. SC-15-267 | Tip | -.099 | -.103 | | | — |
| Elevation (ft) | Sleeve | .040 | .053 | .013 | 2.6 | -2.6 |
| Northing or Latitude | PP | .119 | .119 | | | — |
| Easting or Latitude | Temp | 2.036 | 2.567 | | | |

| | | | | |
|-------------------------|-------------------------|---------------------------------------|-------------------|--------------------------|
| Pre-bore (ft): CASED | Start Depth: (ft): 0 | Final Depth (ft): 48.23 (14.7m) | Water Table (ft): | CRT File: 300CP13.DAT |
|-------------------------|-------------------------|---------------------------------------|-------------------|--------------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|--|--------------------|
| Project No.: 00-300 | Date: 01-12-00 |
| Project Location: LEGACY HIGHWAY - PARISH LANE | Rig TRUCK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. SC-16-269A | Tip | - .101 | - .097 | | | — |
| Elevation (ft) | Sleeve | .032 | .053 | .021 | 4.2 | -4.2 |
| Northing or Latitude | PP | .117 | .145 | .028 | 12.9 | -12.9 |
| Easting or Latitude | Temp | 1,915 | 2,441 | | | |

| | | | | |
|----------------------|---------------------|---------------------------------------|-------------------|------------------------|
| Pre-bore (ft): CASED | Start Depth (ft): 0 | Final Depth (ft): 181.59 (55.35 m) | Water Table (ft): | CPT File: 300CP12A.DAT |
|----------------------|---------------------|---------------------------------------|-------------------|------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. WC-10-234 | Tip | - .094 | - .106 | - .012 | -240.0 | +240.0 |
| Elevation (ft) | Sleeve | .046 | .054 | | | — |
| Northing or Latitude | PP | .114 | .124 | | | — |
| Easting or Latitude | Temp | 2,258 | 2,273 | | | |

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|----------------|---------------------|--------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 50.83 (15.25 m) | Water Table (ft): | CPT File: 300CP14.DAT |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. WC-14-237 | Tip | - .098 | - .096 | | | — |
| Elevation (ft) | Sleeve | .045 | .048 | | | — |
| Northing or Latitude | PP | .109 | .112 | | | — |
| Easting or Latitude | Temp | 2,365 | 2,416 | | | |

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|----------------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): 22.0' | Start Depth (ft): 0 | Final Depth (ft): 48.73 (14.7 m) | Water Table (ft): | CPT File: 300CP15.DAT |
|----------------------|---------------------|-------------------------------------|-------------------|-----------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|--------------------|
| Project No.: 00-300 | Date: 01-13-00 |
| Project Location: LEGACY HIGHWAY | Rig TREKK |
| Client/Rep: KLEINFELDER/MARTIN | Operator: RED/JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.6. psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 1015 | | | | | | |
| Hole No. SC-15-266 | Tip | -1.106 | -1.108 | | | / |
| Elevation (ft) | Sleeve | 1.034 | 1.036 | | | / |
| Northing or Latitude | PP | 1.106 | 1.112 | | | / |
| Easting or Latitude | Temp | 2.023 | 2.345 | | | |

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|-------------------------|------------------------|--|-------------------|--------------------------|
| Pre-bore (ft): CASED | Start Depth (ft): 0 | Final Depth (ft): 170.11 (51.85 m) | Water Table (ft): | CPT File: 300CP16.DAT |
|-------------------------|------------------------|--|-------------------|--------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|----------------------|
| Project No.: 00-300 | Date: 01-14-00 |
| Project Location: LEGACY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP / JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. SC-13-307 | Tip | - .112 | 1.099 | .013 | 260.0 | -260.0 |
| Elevation (ft) | Sleeve | .029 | .052 | .023 | 4.6 | -4.6 |
| Northing or Latitude | PP | .149 | .201 | .052 | 23.9 | -23.9 |
| Easting or Latitude | Temp | .674 | 2.026 | | | |

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|----------------|---------------------|---------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 116.34 (63.75 m) | Water Table (ft): | CPT File: 300CPI7.DAT |
|----------------|---------------------|---------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| | |
|--------------------|--|
| Conversion Values: | Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft. |
|--------------------|--|



Daily Baseline Summary

| | |
|----------------------------------|--------------------|
| Project No.: 00-300 | Date: 01-17-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK RIG |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 1.015 | | | | | | |
| Hole No. SC-14-311 | Tip | - .100 | - .092 | | | / |
| Elevation (ft) | Sleeve | .044 | .053 | | | / |
| Northing or Latitude | PP | .142 | .131 | - .011 | -5.1 | +5.1 |
| Easting or Latitude | Temp | 1.918 | 1.818 | | | |

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|----------------|---------------------|--------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 133.04 (40.55m) | Water Table (ft): | CPT File: 300CP18.DAT |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|---------------------------|
| Project No.: 00-300 | Date: 01-18-00 |
| Project Location: LEWIS HIGHWAY | Rig TRACK RIG |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 .015 | | | | | | |
| Hole No. SC-13-306 | Tip | -.101 | -.093 | | | — |
| Elevation (ft) | Sleeve | .043 | .054 | .011 | 2.2 | -2.2 |
| Northing or Latitude | PP | .152 | .168 | .016 | 7.4 | -7.4 |
| Easting or Latitude | Temp | .964 | 1.787 | | | |

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|----------------|----------------------------|---|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 150.26 (45.8m) | Water Table (ft): | CPT File: 300CP19.DAT |
|----------------|----------------------------|---|-------------------|------------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 .015 | | | | | | |
| Hole No. SC-14-310 | Tip | -.094 | -.092 | | | — |
| Elevation (ft) | Sleeve | .040 | .054 | .014 | 2.8 | -2.8 |
| Northing or Latitude | PP | .125 | .139 | .014 | 6.4 | -6.4 |
| Easting or Latitude | Temp | 1.951 | 1.810 | | | |

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|----------------|----------------------------|---|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 160.43 (48.9m) | Water Table (ft): | CPT File: 300CP20.DAT |
|----------------|----------------------------|---|-------------------|------------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|--------------------|
| Project No.: 00-300 | Date: 01-19-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JOSH |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size 1015 | | | | | | |
| Hole No. WC-24-203B | Tip | -.102 | -.092 | .010 | 200 | -200 |
| Elevation (ft) | Sleeve | .040 | .048 | | | — |
| Northing or Latitude | PP | .145 | .124 | -.021 | -9.7 | +9.7 |
| Easting or Latitude | Temp | 1.048 | 1.819 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 50.03 (15.25m) | Water Table (ft): | CPT File: 300CP21.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size 1015 | | | | | | |
| Hole No. WC-18-217 | Tip | -.090 | -.094 | | | — |
| Elevation (ft) | Sleeve | .049 | .049 | | | — |
| Northing or Latitude | PP | .117 | .148 | .031 | 14.3 | -14.3 |
| Easting or Latitude | Temp | 2.513 | 1.515 | | | |

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|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 50.03 (15.26m) | Water Table (ft): | CPT File: 300CP22.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--------------------------|
| Project No.: <u>00-300</u> | Date: <u>01-20-00</u> |
| Project Location: <u>LEGACY HIGHWAY</u> | Rig <u>TRACK</u> |
| Client/Rep: <u>KLEINFELDER</u> | Operator: <u>REP/JBS</u> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| <u>058</u> Cone/Size <u>.015</u> | | | | | | |
| Hole No. <u>SC-17-207</u> | Tip | <u>-.100</u> | <u>-.092</u> | | | <u>/</u> |
| Elevation (ft) | Sleeve | <u>.043</u> | <u>.055</u> | <u>.012</u> | <u>2.4</u> | <u>-2.4</u> |
| Northing or Latitude | PP | <u>.157</u> | <u>.165</u> | | | <u>/</u> |
| Easting or Latitude | Temp | <u>.644</u> | <u>1.815</u> | | | |

| | | | | |
|----------------|----------------------------|--|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth (ft): <u>0</u> | Final Depth (ft): <u>139.5</u> <u>(41.3m)</u> | Water Table (ft): | CPT File: <u>300CP23.DAT</u> |
|----------------|----------------------------|--|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| <u>058</u> Cone/Size <u>.015</u> | | | | | | |
| Hole No. <u>SC-18-273</u> | Tip | <u>-.093</u> | <u>-.091</u> | | | <u>/</u> |
| Elevation (ft) | Sleeve | <u>.049</u> | <u>.056</u> | | | <u>/</u> |
| Northing or Latitude | PP | <u>.124</u> | <u>.197?</u> | | | |
| Easting or Latitude | Temp | <u>2.083</u> | <u>1.944</u> | | | |

| | | | | |
|----------------|----------------------------|--|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth (ft): <u>0</u> | Final Depth (ft): <u>142.85</u> <u>(43.55m)</u> | Water Table (ft): | CPT File: <u>300CP24.DAT</u> |
|----------------|----------------------------|--|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 01-21-00 |
| Project Location: LEGALY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JBS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 .015 | | | | | | |
| Hole No. WC-28-318 | Tip | -1.104 | -1.099 | | | / |
| Elevation (ft) | Sleeve | .035 | .046 | .011 | 2.2 | -2.2 |
| Northing or Latitude | PP | .127 | .127 | | | / |
| Easting or Latitude | Temp | 1.626 | 2.096 | | | |

| | | | | |
|----------------|----------------------|------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft): 0 | Final Depth (ft): 50.03 15.25 m | Water Table (ft): | CPT File: 300CP25.DAT |
|----------------|----------------------|------------------------------------|-------------------|-----------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--|
| Project No.: 00-300 Project Location: LEGACY HIGHWAY Client/Rep: KLEINFELDER/MARTIN | Date: 01-26-00 Rig TRACK Rig Operator: REP/ABS |
|---|--|

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 058 015 | | | | | | |
| Hole No. SC-12-26A | Tip | -0.097 | -0.094 | | | / |
| Elevation (ft) | Sleeve | .044 | .064 | .02 | 4.0 | -4.0 |
| Northing or Latitude | PP | .131 | .204 ? | | | |
| Easting or Latitude | Temp | 2.388 | 1.890 | | | |

| | | | | |
|----------------|--------------------|--|-------------------|--------------------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): 113.56 (33.7m) | Water Table (ft): | CPT File: 300CP26.DAT |
|----------------|--------------------|--|-------------------|--------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| | |
|--------------------|--|
| Conversion Values: | Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft. |
|--------------------|--|



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 01-27-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JBS |

| | | |
|-------------------------|---|--------------------------------------|
| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 058 Cone/Size .015 | | | | | | |
| Hole No. WC-27-316 | Tip | - .102 | - .095 | | | / |
| Elevation (ft) | Sleeve | .042 | .052 | .010 | 2.0 | -2.0 |
| Northing or Latitude | PP | .172 | .133 | -.039 | -17.9 | +17.9 |
| Easting or Latitude | Temp | .540 | 1.590 | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | 0 | 30.02 (9.15m) | | 300CP27.DAT |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-10-301 | Tip | - .045 | - .031 | | | / |
| Elevation (ft) | Sleeve | .049 | .062 | .013 | 2.6 | -2.6 |
| Northing or Latitude | PP | .006 | .018 | .012 | 5.5 | -5.5 |
| Easting or Latitude | Temp | .017 | .027 | | | |

| | | | | |
|----------------|--------------------|--------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | 0 | 172.36 (52.55m) | | 300CP28.DAT |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | | | | |

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|----------------|
| Project No.: 60-300 | Date: 01-28-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK RIG |
| Client/Rep: KLEINFELDER/MARTIN | Operator: REP |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 09Z Cone/Size .015 | | | | | | |
| Hole No. SC-10-30Z | Tip | -.047 | -.067 | -.02 | -400 | +400 |
| Elevation (ft) | Sleeve | .045 | .056 | .011 | 2.2 | -2.2 |
| Northing or Latitude | PP | .009 | .006 | | | / |
| Easting or Latitude | Temp | -.009 | .022 | | | |

| | | | | |
|----------------|---------------------|--------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 17.06 (5.2m) | Water Table (ft): | CPT File: 300CP29.DAT |
|----------------|---------------------|--------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 09Z Cone/Size .015 | | | | | | |
| Hole No. SC-10-30Z | Tip | -.067 | -.063 | | | / |
| Elevation (ft) | Sleeve | .056 | .064 | | | / |
| Northing or Latitude | PP | .006 | .025 | .019 | 8.74 | -8.7 |
| Easting or Latitude | Temp | .022 | .025 | | | |

| | | | | |
|--------------------------|---------------------|-------------------------------|-------------------|------------------------|
| Pre-bore (ft): SEE ABOVE | Start Depth: (ft) 0 | Final Depth (ft): 16.0 (4.9m) | Water Table (ft): | CPT File: 300CP29A.DAT |
|--------------------------|---------------------|-------------------------------|-------------------|------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft -- Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--------------------------|
| Project No.: 00-300 | Date: 01-31-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK RIG |
| Client/Rep: KLEINFELDER/ | Operator: REP/JBS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-11-261 | Tip | -.067 | -.062 | | | / |
| Elevation (ft) | Sleeve | .048 | .058 | .010 | 2.0 | -2.0 |
| Northing or Latitude | PP | .004 | .008 | | | / |
| Easting or Latitude | Temp | .005 | .020 | | | |

| | | | | |
|----------------|----------------------------|--|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 168.96 (51.5m) | Water Table (ft): | CPT File: 300CP30.DAT |
|----------------|----------------------------|--|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-11-260 | Tip | -.062 | -.059 | | | / |
| Elevation (ft) | Sleeve | .058 | .063 | | | / |
| Northing or Latitude | PP | .008 | .013 | | | / |
| Easting or Latitude | Temp | .020 | .023 | | | |

| | | | | |
|----------------|----------------------------|---|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 169.13 (51.55m) | Water Table (ft): | CPT File: 300CP31.DAT |
|----------------|----------------------------|---|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-------------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft



Daily Baseline Summary

| | |
|---|---------------|
| Project No.: 00-300 | Date: 1/31/00 |
| Project Location: CHOUERS WAVE | Rig TRUCK |
| Client/Rep: KLEINFELDER / JEFF | Operator: SDS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size 010 | | | | | | |
| Hole No. SC-19-277 | Tip | - .023 | - .032 | | | — |
| Elevation (ft) | Sleeve | .080 | .079 | | | — |
| Northing or Latitude | PP | - .156 | - .124 | .032 | 14.7 | -14.7 |
| Easting or Latitude | Temp | 2.802 | 1.825 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 99.90 (30.45m) | Water Table (ft): | CPT File: 302PET |
|----------------|---------------------|-------------------------------------|-------------------|------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft



Daily Baseline Summary

| | |
|----------------------------------|----------------|
| Project No.: 00-300 | Date: 02-01-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK R16 |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. WC-29-321 | Tip | - .066 | - .060 | | | — |
| Elevation (ft) | Sleeve | .048 | .062 | .014 | 2.8 | -2.8 |
| Northing or Latitude | PP | .009 | .012 | | | — |
| Easting or Latitude | Temp | .000 | .024 | | | |

| | | | | |
|----------------|----------------------|---------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft): 0 | Final Depth (ft): 50.03 8.5m | Water Table (ft): | CPT File: 300CP33.DAT |
|----------------|----------------------|---------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-5-296 | Tip | - .064 | - .061 | | | — |
| Elevation (ft) | Sleeve | .054 | .064 | .010 | 2.0 | -2.0 |
| Northing or Latitude | PP | .009 | .040 | .031 | 14.3 | -14.3 |
| Easting or Latitude | Temp | .014 | .026 | | | |

| | | | | |
|----------------|----------------------|------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft): 0 | Final Depth (ft): 35.83 (41.4m) | Water Table (ft): | CPT File: 300CP34.DAT |
|----------------|----------------------|------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 02-02-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK RIG |
| Client/Rep: KLEINFELDER/BRET | Operator: REP/JBS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .019 | | | | | | |
| Hole No. SC-5-295 | Tip | -0.072 | -0.059 | .013 | 260 | -260 |
| Elevation (ft) | Sleeve | .041 | .064 | .023 | 4.6 | -4.6 |
| Northing or Latitude | PP | .008 | .021 | .013 | 6.0 | -6.0 |
| Easting or Latitude | Temp | -0.001 | .025 | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | 8 | 135.83 (41.4m) | | 300CP35.DAT |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. SC-6-329 | Tip | -0.060 | -0.058 | | | / |
| Elevation (ft) | Sleeve | .060 | .064 | | | / |
| Northing or Latitude | PP | .010 | .026 | .026 | 12.0 | -12.0 |
| Easting or Latitude | Temp | .022 | .026 | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | 8 | 131.56 (40.1m) | | 300CP37.DAT |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | | | | |

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft



Daily Baseline Summary

| | |
|---|---------------|
| Project No.: 00-300 | Date: 2/2/00 |
| Project Location: LEGACY (GLOVERS LANE) | Rig TRUCK |
| Client/Rep: KLEINFELDER/NICKEL | Operator: SDS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size 670 | | | | | | |
| Hole No. SC-19-215 | Tip | - .025 | - .025 | | | — |
| Elevation (ft) | Sleeve | 0.075 | .084 | | | — |
| Northing or Latitude | PP | - .144 | - .141 | | | — |
| Easting or Latitude | Temp | 1.966 | 2.675 | | | |

| | | | | |
|----------------------|---------------------|-----------------------------------|-------------------|--------------------|
| Pre-bore (ft): CASED | Start Depth (ft): 0 | Final Depth (ft): 138.37 (40.65m) | Water Table (ft): | CPT File: 3002P036 |
|----------------------|---------------------|-----------------------------------|-------------------|--------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 02-03-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER/GREGG | Operator: REP/JBS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| 092 .015 | | | | | | |
| Hole No. SC-5-299 | Tip | - .070 | - .061 | | | — |
| Elevation (ft) | Sleeve | .047 | .063 | .016 | 3.2 | - 3.2 |
| Northing or Latitude | PP | .011 | .014 | | | — |
| Easting or Latitude | Temp | - .010 | .024 | | | |

| | | | | |
|----------------|--------------------|--------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | | 10.3103 (3.15m) | | 300CP38.DAT |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. SC-1-245 | Tip | - .065 | - .060 | | | — |
| Elevation (ft) | Sleeve | .057 | .063 | | | — |
| Northing or Latitude | PP | .011 | .013 | | | — |
| Easting or Latitude | Temp | .020 | .025 | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
| | | 130.58 (39.8m) | | 300CP29.DAT |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 02-04-00 |
| Project Location: LEGACY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER/MARTIN | Operator: REP/JBS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. S-13-305 | Tip | - .096 | - .099 | | | / |
| Elevation (ft) | Sleeve | .043 | .048 | | | / |
| Northing or Latitude | PP | .133 | .145 | .012 | 5.5 | - 5.5 |
| Easting or Latitude | Temp | 1.836 | 1.985 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 145.01 (44.2m) | Water Table (ft): | CPT File: 300CP40.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 02-07-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: REP/JRS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015" | | | | | | |
| Hole No. SC-6-330 | Tip | -.077 | -.060 | .017 | 340 | -340 |
| Elevation (ft) | Sleeve | .038 | .063 | .025 | 5.0 | -5.0 |
| Northing or Latitude | PP | .003 | .013 | .010 | 4.6 | -4.6 |
| Easting or Latitude | Temp | .001 | .025 | | | |

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|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 47.14 (14.48m) | Water Table (ft): | CPT File: 300CP41.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. SC-6-331 | Tip | -.061 | -.059 | | | — |
| Elevation (ft) | Sleeve | .061 | .063 | | | — |
| Northing or Latitude | PP | .013 | .035 | .022 | 10.1 | -10.1 |
| Easting or Latitude | Temp | .024 | .026 | | | |

| | | | | |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 117.29 (35.75m) | Water Table (ft): | CPT File: 300CP42.DAT |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|----------------|
| Project No.: 00-300 | Date: 02-08-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER/MARTIN | Operator: REP |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size ,015 | | | | | | |
| Hole No. 3C-6-332 | Tip | - .065 | - .061 | | | / |
| Elevation (ft) | Sleeve | .054 | .060 | | | / |
| Northing or Latitude | PP | .006 | .007 | | | / |
| Easting or Latitude | Temp | .022 | .024 | | | |

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|----------------|---------------------|----------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 20.08 36.6m | Water Table (ft): | CPT File: 300CP13.DAT |
|----------------|---------------------|----------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|----------------|
| Project No.: 00-300 | Date: 02-09-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER / | Operator: REP |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 09Z Cone/Size .015 | | | | | | |
| Hole No. SC-6-324 | Tip | -.060 | -.058 | | | — |
| Elevation (ft) | Sleeve | .058 | .063 | | | — |
| Northing or Latitude | PP | .000 | .005 | | | — |
| Easting or Latitude | Temp | .032 | .025 | | | |

| | | | | |
|----------------|--------------------|--------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth: (ft): | Water Table (ft): | CPT File: |
| | | 42.06 43.3 | | 300CP44.DAT |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. SC-6-325 | Tip | -.062 | -.060 | | | — |
| Elevation (ft) | Sleeve | .060 | .061 | | | — |
| Northing or Latitude | PP | .005 | .003 | | | — |
| Easting or Latitude | Temp | .028 | .024 | | | |

| | | | | |
|----------------|--------------------|--------------------|-------------------|-------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth: (ft): | Water Table (ft): | CPT File: |
| | | 37.14 (41.8m) | | 300CP45.DAT |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|--------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth: (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|--------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 02-10-00 |
| Project Location: LELACY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER/MARTIN | Operator: REP/SDS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size 092 .015 | | | | | | |
| Hole No. SC-23-290B | Tip | -0.067 | -0.120 | -0.053 | -1060 | 1060 |
| Elevation (ft) | Sleeve | .054 | .062 | | | — |
| Northing or Latitude | PP | -0.006 | -0.002 | | | — |
| Easting or Latitude | Temp | .043 | .025 | | | |

| | | | | |
|----------------|---------------------|------------------------------------|-------------------|--------------------------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 20.52 (16.4m) | Water Table (ft): | CPT File: 300CP46.047 300CP46.DFT |
|----------------|---------------------|------------------------------------|-------------------|--------------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size 090 | | | | | | |
| Hole No. SC-24-257 | Tip | -0.129 | -0.115 | .014 | 280 | -280 |
| Elevation (ft) | Sleeve | .042 | .007 | .025 | 5.0 | -5.0 |
| Northing or Latitude | PP | -0.008 | -0.005 | | | — |
| Easting or Latitude | Temp | .022 | .024 | | | |

| | | | | |
|----------------|--------------------|------------------------------------|-------------------|-------------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): 21.35 (18.7m) | Water Table (ft): | CPT File: 300CP47 |
|----------------|--------------------|------------------------------------|-------------------|-------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--------------------------|
| Project No.: 00-300 | Date: 02-14-00 |
| Project Location: LEGACY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER/MARTIN | Operator: REP/SOS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-19-278 | Tip | - .123 | | | | / |
| Elevation (ft) | Sleeve | .051 | | | | / |
| Northing or Latitude | PP | .009 | | | | / |
| Easting or Latitude | Temp | .008 | | | | |

| | | | | |
|----------------|----------------------------|--------------------------------------|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): Refusal 35m | Water Table (ft): | CPT File: 300CP48.DAT |
|----------------|----------------------------|--------------------------------------|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-19-278 | Tip | - .113 | - .114 | | | / |
| Elevation (ft) | Sleeve | .059 | .067 | | | / |
| Northing or Latitude | PP | .008 | .011 | | | / |
| Easting or Latitude | Temp | .012 | .025 | | | |

| | | | | |
|--------------------------|----------------------------|--|-------------------|-------------------------------|
| Pre-bore (ft): 3' | Start Depth: (ft) 0 | Final Depth (ft): 180.94 (55.15m) | Water Table (ft): | CPT File: 300CP48A.DAT |
|--------------------------|----------------------------|--|-------------------|-------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 02-15-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER / MARTIN | Operator: RED/SAS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-27-342 | Tip | -1.111 | -1.103 | | | — |
| Elevation (ft) | Sleeve | .066 | .075 | | | — |
| Northing or Latitude | PP | .002 | .005 | | | — |
| Easting or Latitude | Temp | .031 | .027 | | | |

| | | | | |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 45.28 (13.8 m) | Water Table (ft): | CPT File: 300CP49.DAT |
|----------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-27-343 | Tip | -1.108 | -1.104 | | | — |
| Elevation (ft) | Sleeve | .066 | .076 | .010 | 2.0 | -2.0 |
| Northing or Latitude | PP | .003 | .003 | | | — |
| Easting or Latitude | Temp | .021 | .032 | | | |

| | | | | |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 39.53 (12.05 m) | Water Table (ft): | CPT File: 300CP50.DAT |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 092 Cone/Size .015 | | | | | | |
| Hole No. SC-22-286 | Tip | -1.113 | -1.104 | | | — |
| Elevation (ft) | Sleeve | .061 | .078 | .017 | 3.4 | -3.4 |
| Northing or Latitude | PP | .011 | .010 | | | — |
| Easting or Latitude | Temp | .030 | .027 | | | |

| | | | | |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): | Start Depth (ft): 0 | Final Depth (ft): 77.20 (23.55 m) | Water Table (ft): | CPT File: 300CP51.DAT |
|----------------|---------------------|--------------------------------------|-------------------|-----------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--------------------------|
| Project No.: <u>00-300</u> | Date: <u>2/16/00</u> |
| Project Location: <u>LEGACY HIGHWAY</u> | Rig <u>TRUCK</u> |
| Client/Rep: <u>KLEINFELDER/NOBLETIN</u> | Operator: <u>REP/SJS</u> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| <u>092</u> <u>15</u> | | | | | | |
| Hole No. <u>SC-21-283</u> | Tip | <u>- .122</u> | <u>- .113</u> | | | <u>—</u> |
| Elevation (ft) | Sleeve | <u>.099</u> | <u>.068</u> | <u>.019</u> | <u>3.8</u> | <u>-3.8</u> |
| Northing or Latitude | PP | <u>- .099</u> | <u>- .030</u> | | | <u>—</u> |
| Easting or Latitude | Temp | <u>.005</u> | <u>.025</u> | | | |

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|--|-----------------------------|--|-------------------|-------------------------|
| Pre-bore (ft): <u>~ 3.0 OF CASING</u> | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>21.07</u> <u>(21.10 m)</u> | Water Table (ft): | CPT File: <u>200957</u> |
|--|-----------------------------|--|-------------------|-------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. <u>SC-27-3A</u> | Tip | <u>- .113</u> | <u>- .118</u> | | | <u>—</u> |
| Elevation (ft) | Sleeve | <u>.066</u> | <u>.068</u> | | | <u>—</u> |
| Northing or Latitude | PP | <u>- .005</u> | <u>- .004</u> | | | <u>—</u> |
| Easting or Latitude | Temp | <u>.010</u> | <u>.022</u> | | | |

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|----------------|-----------------------------|--|-------------------|-------------------------|
| Pre-bore (ft): | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>49.05</u> <u>(14.95 m)</u> | Water Table (ft): | CPT File: <u>300453</u> |
|----------------|-----------------------------|--|-------------------|-------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

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|--|---------------------------|
| Project No.: 00-300 | Date: 2/22/02 |
| Project Location: <i>Wendy Hwy</i> | Rig <i>TRUCK</i> |
| Client/Rep: <i>KLEINFELDER / GREGG</i> | Operator: <i>500/TREP</i> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <i>092</i> | | | | | | |
| Hole No. <i>SC-2A-256</i> | Tip | <i>-1.116</i> | <i>-1.105</i> | <i>.011</i> | <i>.020</i> | <i>-0.20</i> |
| Elevation (ft) | Sleeve | <i>.108</i> | <i>.121</i> | <i>.013</i> | <i>2.6</i> | <i>-2.6</i> |
| Northing or Latitude | PP | <i>.004</i> | <i>.003</i> | | | <i>/</i> |
| Easting or Latitude | Temp | <i>.020</i> | <i>.025</i> | | | |

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|-------------------------|----------------------------|--|-------------------|--------------------------|
| Pre-bore (ft): <i>0</i> | Start Depth (ft): <i>0</i> | Final Depth (ft): <i>39.37 (12.0m)</i> | Water Table (ft): | CPT File: <i>300CP54</i> |
|-------------------------|----------------------------|--|-------------------|--------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <i>058 .015</i> | | | | | | |
| Hole No. <i>SC-23-290A</i> | Tip | <i>-.095</i> | <i>-.093</i> | | | <i>/</i> |
| Elevation (ft) | Sleeve | <i>.040</i> | <i>.056</i> | <i>.016</i> | <i>3.2</i> | <i>-3.2</i> |
| Northing or Latitude | PP | <i>.120</i> | <i>.132</i> | <i>.012</i> | <i>5.52</i> | <i>-5.5</i> |
| Easting or Latitude | Temp | <i>2.457</i> | <i>2.051</i> | | | |

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|----------------|----------------------------|---|-------------------|------------------------------|
| Pre-bore (ft): | Start Depth (ft): <i>0</i> | Final Depth (ft): <i>12.98 (13.10m)</i> | Water Table (ft): | CPT File: <i>300CP55.DAT</i> |
|----------------|----------------------------|---|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-306 | Date: 02-23-00 |
| Project Location: LEGACY HIGHWAY | Rig TRACK |
| Client/Rep: KLEINFELDER/GREGG | Operator: REP/SDS |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Hole No. SC-1-244 | Tip | -0.099 | -0.090 | | | |
| Elevation (ft) | Sleeve | .040 | .060 | .020 | A=0 | -4.0 |
| Northing or Latitude | PP | .145 | .197 | .052 | 23.9 | -24.0 |
| Easting or Latitude | Temp | 1.324 | 1.811 | | | |

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|----------------|--------------------------------|--|-------------------|--------------------------|
| Pre-bore (ft): | Start Depth: (ft) 0 | Final Depth (ft): 125.0 (38.1 m) | Water Table (ft): | CPT File: 3000P56.DAT |
|----------------|--------------------------------|--|-------------------|--------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|--------------------------|
| Project No.: 00-300 | Date: 02-28-00 |
| Project Location: LEGACY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER/BRYANT | Operator: REP/iam |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. SC-29-349 | Tip | .018 | -.024 | -.042 | -840 | +840 |
| Elevation (ft) | Sleeve | -.005 | .083 | .088 | 17.6 | -17.6 |
| Northing or Latitude | PP | .026 | -.134 | -.160 | -73.7 | +73.7 |
| Easting or Latitude | Temp | .012 | 2.492 | | | |

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|------------------------|------------------------------|---|-------------------|-----------------------------|
| Pre-bore (#): 2 | Start Depth (ft): 2.0 | Final Depth (ft): 35.94 (17.05m) | Water Table (ft): | CPT File: 300P57.D17 |
|------------------------|------------------------------|---|-------------------|-----------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---------------------------------|--------------------|
| Project No.: 00-300 | Date: 02-29-00 |
| Project Location: LEXKY HIGHWAY | Rig: TRUCK |
| Client/Rep: KLEINFELDER/TIM | Operator: REP/TOML |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. SC-25-335 | Tip | -0.017 | -0.017 | | | — |
| Elevation (ft) | Sleeve | 1.081 | 1.085 | | | — |
| Northing or Latitude | PP | -1.150 | -1.155 | | | — |
| Easting or Latitude | Temp | 2.094 | 2.265 | | | |

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|--------------------|---------------------|------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): 2.0 | Start Depth (ft): 0 | Final Depth (ft): 81.51 (15.7m) | Water Table (ft): | CPT File: 300CP58.DAT |
|--------------------|---------------------|------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. SC-26-338 | Tip | -0.020 | -0.017 | | | — |
| Elevation (ft) | Sleeve | 1.079 | 1.085 | | | — |
| Northing or Latitude | PP | -1.153 | -1.140 | .013 | 6.0 | -6.0 |
| Easting or Latitude | Temp | 2.256 | 2.487 | | | |

| | | | | |
|--------------------|---------------------|-------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): 2.0 | Start Depth (ft): 0 | Final Depth (ft): 53.97 (16.45m) | Water Table (ft): | CPT File: 300CP59.DAT |
|--------------------|---------------------|-------------------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| | | | | | | |
| Hole No. SC-27-344 | Tip | -0.017 | -0.017 | | | — |
| Elevation (ft) | Sleeve | 1.085 | 1.086 | | | — |
| Northing or Latitude | PP | -1.160 | -1.163 | | | — |
| Easting or Latitude | Temp | 2.543 | 2.912 | | | |

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|--------------------|---------------------|------------------------------------|-------------------|-----------------------|
| Pre-bore (ft): 2.0 | Start Depth (ft): 0 | Final Depth (ft): 48.23 (14.7m) | Water Table (ft): | CPT File: 300CP60.DAT |
|--------------------|---------------------|------------------------------------|-------------------|-----------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 03-01-00 |
| Project Location: Legacy Highway | Rig TRUCK |
| Client/Rep: Kleinfelder / NIGILE | Operator: REP/TOM |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. SC-22-287 | Tip | -0.019 | -0.022 | | | / |
| Elevation (ft) | Sleeve | .076 | .084 | | | / |
| Northing or Latitude | PP | -1.146 | -1.162 | -0.016 | -7.4 | +7.4 |
| Easting or Latitude | Temp | 1.604 | 2.681 | | | |

| | | | | |
|---------------------|---------------------|-------------------------|-------------------|-----------------------|
| Pre-bore (ft): 22.0 | Start Depth (ft): 0 | Final Depth (ft): 23.2m | Water Table (ft): | CPT File: 300CP61.DAT |
|---------------------|---------------------|-------------------------|-------------------|-----------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|----------------------------------|-------------------|
| Project No.: 00-300 | Date: 03-02-00 |
| Project Location: LEBACY HIGHWAY | Rig TRUCK |
| Client/Rep: KLEINFELDER/NIBIL | Operator: REP/TOM |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. WC-9-230 | Tip | -.018 | -.015 | | | / |
| Elevation (ft) | Sleeve | .089 | .088 | | | / |
| Northing or Latitude | PP | -.149 | -.143 | | | / |
| Easting or Latitude | Temp | 1.568 | 1.765 | | | |

| | | | | |
|------------------------------|-----------------------------|--|-------------------|------------------------------|
| Pre-bore (ft): <u>~ 2.0'</u> | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>38.55</u> (11.75m) | Water Table (ft): | CPT File: <u>300cP02.DAT</u> |
|------------------------------|-----------------------------|--|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. SC-19-280 | Tip | -.023 | -.024 | | | / |
| Elevation (ft) | Sleeve | .076 | .083 | | | / |
| Northing or Latitude | PP | -.147 | -.124 | .023 | 10.6 | -10.6 |
| Easting or Latitude | Temp | 1.649 | 2.475 | | | |

| | | | | |
|------------------------------|-----------------------------|---|-------------------|------------------------------|
| Pre-bore (ft): <u>~ 2.0'</u> | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>66.16'</u> (20.35m) | Water Table (ft): | CPT File: <u>300cP03.DAT</u> |
|------------------------------|-----------------------------|---|-------------------|------------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|-----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| 070 Cone/Size .015 | | | | | | |
| Hole No. SC-6-324 | Tip | -.024 | -.022 | | | / |
| Elevation (ft) | Sleeve | .083 | -.084 | | | / |
| Northing or Latitude | PP | -.101 | -.122 | .039 | 17.9 | -17.9 |
| Easting or Latitude | Temp | 1.900 | 2.237 | | | |

| | | | | |
|-------------------------|-----------------------------|--|-------------------|--------------------------|
| Pre-bore (ft): <u>0</u> | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>139.11</u> (42.4m) | Water Table (ft): | CPT File: <u>300cP04</u> |
|-------------------------|-----------------------------|--|-------------------|--------------------------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|-------------------------|
| Project No.: <u>00-310</u> | Date: <u>5/1/00</u> |
| Project Location: <u>CELANO HILLWAY</u> | Rig: <u>TRXX</u> |
| Client/Rep: <u>KLEINFELDER / MICHELLE</u> | Operator: <u>REP/DB</u> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

SEISMIC

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <u>070</u> | | | | | | |
| Hole No. <u>5C-14-312</u> | Tip | <u>-1.008</u> | <u>-1.006</u> | | | |
| Elevation (ft) | Sleeve | <u>1090</u> | <u>1092</u> | | | |
| Northing or Latitude | PP | <u>-1.151</u> | <u>-1.117</u> | <u>.034</u> | <u>15.64</u> | <u>-15.64</u> |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-----------------------------|---------------------------------|-------------------|--------------------------|
| Pre-bore (ft): | Start Depth: (ft): <u>0</u> | Final Depth (ft): <u>122.45</u> | Water Table (ft): | CPT File: <u>300cpl5</u> |
| <u>(37.2m)</u> | | | | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|---|-------------------------|
| Project No.: <i>00-300</i> | Date: <i>5/2/00</i> |
| Project Location: <i>LEGACY HIGHWAY</i> | Rig: <i>TRUCK</i> |
| Client/Rep: <i>KLEINFELDER/NICHOLE</i> | Operator: <i>REP/DB</i> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info Cone/Size <i>070</i> | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. <i>50-31-356</i> | Tip | <i>-1.011</i> | <i>-1.008</i> | | | |
| Elevation (ft) | Sleeve | <i>1.088</i> | <i>1.090</i> | | | |
| Northing or Latitude | PP | <i>-1.157</i> | <i>-1.124</i> | <i>1.033</i> | <i>15.18</i> | <i>-15.18</i> |
| Easting or Latitude | Temp | <i>2.1083</i> | <i>2.533</i> | | | |

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|----------------|-----------------------------|---|-------------------|-------------------------|
| Pre-bore (ft): | Start Depth: (ft): <i>0</i> | Final Depth (ft): <i>155.51</i> <i>(47.4m)</i> | Water Table (ft): | CPT File: <i>30071a</i> |
|----------------|-----------------------------|---|-------------------|-------------------------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info Cone/Size | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------------|---------|---------------------------|-------------------------|---------------------|----------------------------------|------------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|--|--------------------------|
| Project No.: <i>00-300</i> | Date: <i>MAY 3, 00</i> |
| Project Location: <i>LEADY HIGHWAY</i> | Rig <i>TRUCK</i> |
| Client/Rep: <i>KLEINFELDER</i> | Operator: <i>DB, RAY</i> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <i>070</i> | | | | | | |
| Hole No. <i>SL-31-353</i> | Tip | <i>-1.008</i> | <i>-1.007</i> | | | <i>/</i> |
| Elevation (ft) | Sleeve | <i>1.097</i> | <i>1.093</i> | | | <i>/</i> |
| Northing or Latitude | PP | <i>-1.163</i> | <i>-1.139</i> | <i>1.024</i> | <i>11.04</i> | <i>-11.0</i> |
| Easting or Latitude | Temp | <i>3.287</i> | <i>2.697</i> | | | |

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|----------------|--------------------|-------------------|-------------------|-------------------------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: <i>302707</i> |
|----------------|--------------------|-------------------|-------------------|-------------------------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

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|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|--|--------------------------|
| Project No.: <i>00-300</i> | Date: <i>5/4/00</i> |
| Project Location: <i>LEACH HIGHWAY</i> | Rig: <i>TRUCK</i> |
| Client/Rep: <i>KLEINFELDER/NIGEL</i> | Operator: <i>REP/D13</i> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <i>010</i> | | | | | | |
| Hole No. <i>50-33-358</i> | Tip | <i>-1.002</i> | <i>-1.003</i> | | | |
| Elevation (ft) | Sleeve | <i>1.093</i> | <i>1.094</i> | | | |
| Northing or Latitude | PP | <i>-1.136</i> | <i>-1.111</i> | <i>1025</i> | <i>11.50</i> | <i>-11.50</i> |
| Easting or Latitude | Temp | <i>3.439</i> | <i>2.275</i> | | | |

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|----------------|----------------------------|---------------------------------|-------------------|--------------------------|
| Pre-bore (ft): | Start Depth (ft): <i>0</i> | Final Depth (ft): <i>119.91</i> | Water Table (ft): | CPT File: <i>3007-04</i> |
|----------------|----------------------------|---------------------------------|-------------------|--------------------------|

(36.55m)

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|-------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|-------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

| | |
|--|--------------------------|
| Project No.: <i>00-300</i> | Date: <i>5/9/00</i> |
| Project Location: <i>CELADNY HWY.</i> | Rig: <i>TEKK</i> |
| Client/Rep: <i>KLEINFELDER / SIGEL</i> | Operator: <i>SDS/REP</i> |

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <i>070</i> | | | | | | |
| Hole No. <i>PC-373</i> | Tip | <i>-1.008</i> | <i>-1.007</i> | | | |
| Elevation (ft) | Sleeve | <i>+1.084</i> | <i>1.087</i> | | | |
| Northing or Latitude | PP | <i>-1.169</i> | <i>-1.133</i> | <i>1.036</i> | <i>16.56</i> | <i>-16.56</i> |
| Easting or Latitude | Temp | <i>2.903</i> | <i>2.285</i> | | | |

| | | | | |
|----------------|-----------------------------|--------------------------------|-------------------|--------------------------|
| Pre-bore (ft): | Start Depth: (ft): <i>0</i> | Final Depth (ft): <i>52.16</i> | Water Table (ft): | CPT File: <i>200p169</i> |
| <i>(15.9m)</i> | | | | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

| | | | | |
|----------------|--------------------|-------------------|-------------------|-----------|
| Pre-bore (ft): | Start Depth: (ft): | Final Depth (ft): | Water Table (ft): | CPT File: |
|----------------|--------------------|-------------------|-------------------|-----------|

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.



Daily Baseline Summary

Project No.: 00-300 Date: 5/10/00
 Project Location: LEGACY Rig: TRUCK
 Client/Rep: KLEINFELDER Operator: REP/SJS

| Calibrations @ 7.5Volts | Standard 10 cm ² cone | Standard 15 cm ² cone |
|-------------------------|---|--------------------------------------|
| Tip | 1000 bar-139.2 tsf/volt-133.3 bar/volt | 1500 bar 208.8 tsf/volt-200 bar/volt |
| Friction | 10 bar-1.392 tsf/volt-1.333 bar/volt | 15 bar 2.088 tsf/volt-2.00 bar/volt |
| Pore Pressure | Both cones: 500 psi-66.67 psi/volt-4.80 tsf/volt-153.8 ft/volt-46.87 m/volt | |

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|---------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <u>070</u> | | | | | | |
| Hole No. <u>SC-15-361</u> | Tip | <u>-1.008</u> | <u>-1.012</u> | | | <u>/</u> |
| Elevation (ft) | Sleeve | <u>1.087</u> | <u>1.088</u> | | | <u>-</u> |
| Northing or Latitude | PP | <u>-1.167</u> | <u>-1.156</u> | <u>0.011</u> | <u>5.00</u> | <u>-5.00</u> |
| Easting or Latitude | Temp | <u>2.954</u> | <u>2.894</u> | | | |

Pre-bore (ft): ~ 5' Start Depth: (ft): 0 Final Depth (ft): 12.05 Water Table (ft):
37.2m CPT File: 300p70

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|------------------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size <u>070</u> | | | | | | |
| Hole No. <u>SC-1604-3100</u> | Tip | <u>-1.012</u> | <u>-1.010</u> | | | |
| Elevation (ft) | Sleeve | <u>1.088</u> | <u>1.090</u> | | | |
| Northing or Latitude | PP | <u>-1.156</u> | <u>-1.117</u> | <u>0.039</u> | | |
| Easting or Latitude | Temp | <u>2.894</u> | <u>2.726</u> | | | |

Pre-bore (ft): ~ 3' Start Depth: (ft): 0 Final Depth (ft): 12.54 Water Table (ft):
(37.75m) CPT File: 300p71

| Sounding Info | Channel | Start Baseline (Volts) | End Baseline (Volts) | Δ Volt End-Start | Δ Eng. Value (Δ Volt X Calib) | Correction Made (-Δ Eng.) |
|----------------------|---------|------------------------|----------------------|------------------|-------------------------------|---------------------------|
| Cone/Size | | | | | | |
| Hole No. | Tip | | | | | |
| Elevation (ft) | Sleeve | | | | | |
| Northing or Latitude | PP | | | | | |
| Easting or Latitude | Temp | | | | | |

Pre-bore (ft): Start Depth: (ft): Final Depth (ft): Water Table (ft): CPT File:

Conversion Values: Depth: 1m=3.28 ft — Pressure/Stress: 1 bar=100 kPa = 1.044 tsf = 14.50 psi = 10.19m = 33.4 ft.