

|  |  |                 |   |                                      |
|--|--|-----------------|---|--------------------------------------|
| <b>DRILLING LOG</b>  |  | <b>DIVISION</b> | <b>INSTALLATION</b>   | <b>SHEET 1</b><br><b>OF 1 SHEETS</b> |
| <b>1. PROJECT</b><br>Reach 8 Geotechnical Investigation<br>Town of Palm Beach                                      |  |                 | <b>9. SIZE AND TYPE OF BIT</b> 3.0 In.  |                                      |
| <b>2. BORING DESIGNATION</b><br>PBVC-05-12   |  |                 | <b>10. COORDINATE SYSTEM/DATUM</b><br>Florida State Plane East  |                                      |
| <b>LOCATION COORDINATES</b><br>X = 972,893 Y = 826,711   |  |                 | <b>HORIZONTAL</b> NAD 1983<br><b>VERTICAL</b> NAVD 88   |                                      |
| <b>3. DRILLING AGENCY</b><br>America Vibracore, Inc.   |  |                 | <b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER<br>Pneumatic <input type="checkbox"/> MANUAL HAMMER |                                      |
| <b>CONTRACTOR FILE NO.</b>   |  |                 | <b>12. TOTAL SAMPLES</b>  |                                      |
| <b>4. NAME OF DRILLER</b><br>Fred Kaub   |  |                 | <b>13. TOTAL NUMBER CORE BOXES</b>  |                                      |
| <b>5. DIRECTION OF BORING</b><br><input checked="" type="checkbox"/> VERTICAL<br><input type="checkbox"/> INCLINED |  |                 | <b>14. ELEVATION GROUND WATER</b>   |                                      |
| <b>DEG. FROM VERTICAL</b>  |  |                 | <b>15. DATE BORING</b>  |                                      |
| <b>BEARING</b>   |  |                 | <b>STARTED</b> 02-17-05 11:30<br><b>COMPLETED</b> 02-17-05 11:39  |                                      |
| <b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.  |  |                 | <b>16. ELEVATION TOP OF BORING</b> -28.2 Ft.  |                                      |
| <b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.  |  |                 | <b>17. TOTAL RECOVERY FOR BORING</b> 19.9 Ft.   |                                      |
| <b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.   |  |                 | <b>18. SIGNATURE AND TITLE OF INSPECTOR</b><br>M. D. Andrews Geologist  |                                      |

| ELEV.<br>(ft) | DEPTH<br>(ft) | LEGEND | CLASSIFICATION OF MATERIALS<br>Depths and elevations based on measured values                            | %<br>REC. | BOX OR<br>SAMPLE | REMARKS   |
|---------------|---------------|--------|--|-----------|------------------|---|
| -28.2         | 0.0           |        |  |           |                  |   |
| -29.9         | 1.7           |        | SAND, fine grained, quartz, trace shell hash, trace silt, gray (5Y-5/1), (SP).                           |           | 1                | Sample #1, Depth = 1.0'<br>Mean (mm): 0.16, Phi Sorting: 0.65<br>Shell Hash: 0%, Fines (230): 1.43% (SP)  |
| -31.2         | 3.0           |        | Shelly SAND, medium grained, quartz, trace silt, gray (5Y-6/1), (SW).                                    |           | 2                | Sample #2, Depth = 2.3'<br>Mean (mm): 0.49, Phi Sorting: 1.19<br>Shell Hash: 1%, Fines (230): 1.31% (SW)  |
| -32.1         | 3.9           |        | SAND, fine grained, quartz, trace shell hash, trace silt, 1.0 rock fragment @ 3.7', gray (5Y-5/1), (SP). |           | 9                | Sample #9, Depth = 3.4'<br>Mean (mm): 0.15, Phi Sorting: 0.68   |
| -32.5         | 4.3           |        |  |           | 3                | Shell Hash: 0%, Fines (230): 1.59% (SP)   |
| -32.9         | 4.7           |        | Sandy SAND, medium grained, quartz, little shell hash, trace silt, gray (5Y-6/1), (SW).                  |           | 4                | Sample #3, Depth = 4.0'   |
| -33.6         | 5.4           |        | SAND, fine grained, quartz, trace shell fragments, trace shell hash, gray (5Y-6/1), (SP).                |           | 5                | Mean (mm): 0.49, Phi Sorting: 1.68<br>Shell Hash: 4%, Fines (230): 1.52% (SW)                             |
|               |               |        | SHELL HASH, coarse grained, little sand, fine to medium grained, quartz, pale olive (5Y-6/3), (SP).      |           | 6                | Sample #4, Depth = 4.5'<br>Mean (mm): 0.15, Phi Sorting: 0.81<br>Shell Hash: 0%, Fines (230): 1.90% (SP)  |
|               |               |        |  |           |                  | Sample #5, Depth = 5.2'<br>Mean (mm): 0.63, Phi Sorting: 1.80<br>Shell Hash: 3%, Fines (230): 1.68% (SW)  |
|               |               |        |  |           |                  | Sample #6, Depth = 8.0'<br>Mean (mm): 0.15, Phi Sorting: 0.62<br>Shell Hash: 0%, Fines (230): 1.83% (SP)  |
|               |               |        | SAND, fine grained, quartz, trace shell hash, trace silt, gray (5Y-5/1), (SP).                           |           | 7                | Sample #7, Depth = 13.0'<br>Mean (mm): 0.16, Phi Sorting: 0.73<br>Shell Hash: 0%, Fines (230): 2.43% (SP) |
|               |               |        |  |           | 8                | Sample #8, Depth = 18.0'<br>Mean (mm): 0.17, Phi Sorting: 0.72<br>Shell Hash: 0%, Fines (230): 2.23% (SP) |
| -48.1         | 19.9          |        | No Recovery.   |           |                  |   |
| -48.2         | 20.0          |        | End of Boring  |           |                  |   |

FLORIDA DEP ROSS PALMBEACH 05 NAVD88.GPJ FL DEP ROSS.GDT 4/19/07