

Boring Designation NPVC-14-8

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|--|--|---|--|--|--|--|--|
| DRILLING LOG | | DIVISION Olsen Associates, Inc. | | INSTALLATION Jacksonville, Florida | | SHEET 1 OF 1 SHEETS | |
| 1. PROJECT New Pass, Sarasota County, FL Geotechnical Investigation of New Pass Ebb Shoal Channel | | | | 9. SIZE AND TYPE OF BIT 3.0 In. | | | |
| 2. BORING DESIGNATION NPVC-14-8 | | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane West | | HORIZONTAL NAD 1983 | |
| 3. DRILLING AGENCY Athena Technologies, Inc. | | | | 11. MANUFACTURER'S DESIGNATION OF DRILL | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | |
| 4. NAME OF DRILLER P. McClellan | | | | 12. TOTAL SAMPLES | | DISTURBED | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | | 13. TOTAL NUMBER CORE BOXES | | UNDISTURBED (UD) | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | | 14. WATER DEPTH 8.3 Ft. | | 15. DATE BORING | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | | 16. ELEVATION TOP OF BORING -9.9 Ft. | | STARTED 07-08-14 14:34 | |
| 8. TOTAL DEPTH OF BORING 12.5 Ft. | | | | 17. TOTAL RECOVERY FOR BORING 11.5 Ft. | | COMPLETED 07-08-14 14:45 | |
| | | | | 18. SIGNATURE AND TITLE OF INSPECTOR A. Freeze | | | |

| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|---------------|---------------|--------|--|-----------|------------------|---|
| -9.9 | 0.0 | | | | | |
| | | | | | 1 | Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.15, Phi Sorting: 0.37 Shell: 13%, Fines (230): 1.05% (SP) |
| | | | | | 2 | Sample #2, Depth = 4.8' - 5.3' Mean (mm): 0.14, Phi Sorting: 0.34 Shell: 16%, Fines (230): 0.74% (SP) |
| | | | | | C | Sample #C, Depth = 0.0' - 6.0' Mean (mm): 0.14, Phi Sorting: 0.37 Shell: 19%, Fines (230): 0.87% (SP) |
| -18.6 | 8.7 | | Fine quartz SAND, trace shell in layers, trace silt, poorly graded, subrounded; 5.9, 7.25, 7.9, 8.6' = fine/medium sand size shell layers, white (2.5Y-8/1), (SP). | | | |
| -20.5 | 10.6 | | Fine quartz SAND, few silt in burrows, poorly graded, subrounded, bioturbated, color grades to white (5Y 8/1) from, light gray (5Y-7/1), (SP-SM). | | | |
| -21.1 | 11.2 | | Silty fine quartz SAND, little silt, few fine/medium sand size shell, trace gravel size shell, bioturbated, gray (5Y-6/1), (SM). | | | |
| -21.4 | 11.5 | | Fine quartz SAND, little fine/medium sand size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP). | | | |
| | | | End of Boring | | | |

FLORIDA DEP ROSS NEW PASS, FL, JULY '14, GPJ FL DEP ROSS.GDT 8/29/14