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| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 OF 1 SHEETS |
| 1. PROJECT AMI 2008 Sand Search Anna Maria Island, Manatee County, FL | | | 9. SIZE AND TYPE OF BIT 3.0 In. | |
| 2. BORING DESIGNATION AMVC-08-21 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane West | |
| 3. DRILLING AGENCY Coastal Planning & Engineering, Inc. | | | 11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Diver Operated Vibracore <input type="checkbox"/> MANUAL HAMMER | |
| 4. NAME OF DRILLER CPE | | | 12. TOTAL SAMPLES DISTURBED _____ UNDISTURBED (UD) _____ | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | 13. TOTAL NUMBER CORE BOXES | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | 14. ELEVATION GROUND WATER | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | 15. DATE BORING STARTED 06-26-08 18:22 COMPLETED 06-26-08 18:25 | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | | 16. ELEVATION TOP OF BORING -18.8 Ft. | |
| | | | 17. TOTAL RECOVERY FOR BORING 20 Ft. | |
| | | | 18. SIGNATURE AND TITLE OF INSPECTOR BF | |



| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|------------|------------|--------|--|--------|---------------|--|
| -18.8 | 0.0 | | | | | Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm. |
| -22.4 | 3.6 | | SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey laminae, 0.5" whole shell @ 1.5', shell content increases with depth, gray (5Y-6/1), (SP). | | 1 | Sample #1, Depth = 2.1' Mean (mm): 0.15, Phi Sorting: 0.55 Shell Hash: 0%, Fines (230): 1.80% (SP) |
| -22.8 | 4.0 | | Shelly SAND, quartz, trace clay, trace silt, shell components are shell hash, whole shells up to 1.0" and shell fragments up to 0.5", gray (5Y-5/1), (SW). | | 2 | Sample #2, Depth = 3.8' Mean (mm): 0.59, Phi Sorting: 1.77 Shell Hash: 6%, Fines (230): 3.23% (SW) |
| -23.4 | 4.6 | | | | 1 | Sample #3, Depth = 4.8' Mean (mm): 0.38, Phi Sorting: 1.62 Shell Hash: 4%, Fines (230): 2.82% (SW) |
| -24.2 | 5.4 | | SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey laminae, gray (5Y-6/1), (SP). | | 3 | Sample #4, Depth = 5.8' Mean (mm): 0.16, Phi Sorting: 0.62 Shell Hash: 0%, Fines (230): 1.34% (SP) |
| -25.0 | 6.2 | | Shelly SAND, quartz, trace clay, trace silt, shell components are shell hash, whole shells up to 1.5" and shell fragments up to 2.0", gray (5Y-5/1), (SW). | | 4 | |
| -28.5 | 9.7 | | SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey laminae, light gray (5Y-7/1), (SP). | | 5 | Sample #5, Depth = 7.8' Mean (mm): 0.19, Phi Sorting: 0.41 Shell Hash: 0%, Fines (230): 3.52% (SP) |
| -29.6 | 10.8 | | SAND, fine grained, quartz, trace shell hash, trace silt, shell content increases with depth, olive gray (5Y-5/2), (SP). | | | |
| -38.8 | 20.0 | | Shelly SAND, quartz, trace silt, shell components are shell hash, shell fragments up to 2.0" and whole shells up to 1.0", 0.5" clay lamina @ 9.9', (2.0"x1.5") rock fragment @ 10.5', trace shell hash pocket from 10.1'-10.4', gray (5Y-5/1), (SW). | | | |
| | | | Shelly SAND, quartz, trace clay, trace silt, shell components are shell hash, whole shells up to 1.5" and shell fragments up to 3.0", olive gray (5Y-5/2), (GC). | | | |
| | | | End of Boring | | | |

FLORIDA DEP ROSS AMI_2008_VIBRACORES_ALL.GPJ FL DEP ROSS.GDT 10/29/08