

| | | | | |
|--|--|---|--|----------------|
| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 |
| 1. PROJECT Mexico Beach Sand Search Bay County, Florida | | | 9. SIZE AND TYPE OF BIT 2.0 In. 10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL Florida State Plane North NAD 1983 NAVD 88 | |
| 2. BORING DESIGNATION MBVC-19-12 | | LOCATION COORDINATES (ft) X = 1,666,365 Y = 339,904 | 11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER | |
| 3. DRILLING AGENCY Athena Technologies, Inc. | | CONTRACTOR FILE NO. | 12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 5 | |
| 4. NAME OF DRILLER Palmer McClellan | | | 13. TOTAL NUMBER CORE BOXES | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | 14. ELEVATION GROUND WATER | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | 15. DATE BORING STARTED COMPLETED 06-18-19 12:49 06-18-19 12:59 | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | 16. ELEVATION TOP OF BORING -17.4 Ft. | |
| 8. TOTAL DEPTH OF BORING 22.0 Ft. | | | 17. TOTAL RECOVERY FOR BORING 21.6 Ft. | |
| | | | 18. SIGNATURE AND TITLE OF INSPECTOR Kristina McCoy, P.G. | |

| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|---------------|---------------|--------|--|-----------|------------------|---|
| -17.4 | 0.0 | | | | | |
| -18.3 | 0.9 | | SAND, fine grained, quartz, trace shell hash, trace silt, (0.5"x0.75") shell fragment @ 0.3', light gray (2.5Y-7/2), (SP). | | 1 | Sample #1, Depth = 0.4' Mean (mm): 0.25, Phi Sorting: 0.53 Fines (230): 0.96% (SP) |
| -21.9 | 4.5 | | SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments up to (0.5"x0.75"), whole shells up to 1.0", (0.5"x1.75") shell fragment @ 4.4', light gray (2.5Y-7/1), (SW). | | 2 | Sample #2, Depth = 2.7' Mean (mm): 0.45, Phi Sorting: 1.83 Fines (230): 0.78% (SW) |
| -27.0 | 9.6 | | SAND, fine grained, quartz, trace shell fragments, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), (0.5"x1.5") silty pocket @ 8.2', white (N-8/0), (SP). | | 3 | Sample #3, Depth = 7.0' Mean (mm): 0.24, Phi Sorting: 0.48 Fines (230): 0.84% (SP) |
| -28.8 | 11.4 | | SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), silt increases with depth, light gray (2.5Y-7/1), (SP). | | 4 | Sample #4, Depth = 10.5' Mean (mm): 0.21, Phi Sorting: 0.38 Fines (230): 1.02% (SP) |
| -29.3 | 11.9 | | SAND, fine grained, quartz, trace shell hash, trace silt, gray (2.5Y-6/1), (SP). | | 5 | Sample #5, Depth = 11.6' Mean (mm): 0.20, Phi Sorting: 0.41 Fines (230): 1.37% (SP) |
| -30.0 | 12.6 | | SAND, fine grained, quartz, some shell hash, trace clay, trace shell fragments, trace whole shell, shells up to 0.75", greenish gray (10Y-5/1), (SW). | | VS VC08#6 | |
| -33.1 | 15.7 | | Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments up to 1.0" & whole shells up to 1.25", 2.25" whole shell @ 15.2', dark greenish gray (10Y-4/1), (GW-GC). | | VS VC08#7 | |
| -34.3 | 16.9 | | SAND, fine to medium grained, quartz, some clay, little shell hash, trace shell fragments & whole shells up to 0.75", dark greenish gray (10Y-4/1), (SC). | | | |
| -36.4 | 19.0 | | Shelly SAND, fine to medium grained, quartz, some clay, trace organics, shell components: shell hash, shell fragments & whole shells up to 1.0", (1.0"x1.5") wood fragments @ 17.5' and 18.9', dark greenish gray (10Y-4/1), (GC). | | | |
| -39.0 | 21.6 | | Clayey SAND, fine to medium grained, quartz, trace organics, trace shell hash, trace wood fragments, wood up to 0.75", color mottled gray (2.5Y-6/1), dark gray (2.5Y-4/1) and, black (10YR-2/1), (SC). | | | |
| -39.4 | 22.0 | | No Recovery. | | | |
| End of Boring | | | | | | |

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19