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| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 OF 1 SHEETS |
| 1. PROJECT Alligator Point Sand Search Alligator Point, Florida | | | 9. SIZE AND TYPE OF BIT 3.0 In. 10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL Florida State Plane North NAD 1983 NAVD 88 | |
| 2. BORING DESIGNATION APVC-05-34 | | LOCATION COORDINATES X = 2,011,047 Y = 308,773 | 11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER | |
| 3. DRILLING AGENCY GFA International | | CONTRACTOR FILE NO. | 12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) | |
| 4. NAME OF DRILLER Fred Kaub, P.G. | | | 13. TOTAL NUMBER CORE BOXES | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL DEG. FROM VERTICAL BEARING <input type="checkbox"/> INCLINED | | | 14. ELEVATION GROUND WATER | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | 15. DATE BORING STARTED COMPLETED 10-10-05 11:55 10-10-05 | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | 16. ELEVATION TOP OF BORING -11.1 Ft. | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | | 17. TOTAL RECOVERY FOR BORING 20.2 Ft. | |
| | | | 18. SIGNATURE AND TITLE OF INSPECTOR KW | |

| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|---------------|---------------|--------|--|-----------|------------------|---|
| -11.1 | 0.0 | | | | | |
| -14.9 | 3.8 | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, very dark gray (5Y-3/1) silty sand pockets (1"x0.5") @ 0.3', (2"x1") @ 0.8', and (1.5"x0.75") @ 1.4'; whole shells (1.5"x0.75") @ 2.8', (3"x1") @ 3.6'; light gray (5Y-7/1), (SP). | | 1 | Sample #1, Depth = 2.0' Mean (mm): 0.28, Phi Sorting: 0.66 Shell: 1%, Fines (230): 1.22% (SP) |
| -17.5 | 6.4 | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, (2.5"x1") @ 5.5'; shell layer (0.5") @ 5.7', light gray (5Y-7/1), (SW). | | 2 | Sample #2, Depth = 5.5' Mean (mm): 0.29, Phi Sorting: 1.30 Shell: 5%, Fines (230): 1.80% (SW) |
| -19.4 | 8.3 | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, olive gray (5Y-5/2), (SW). | | 3 | Sample #3, Depth = 7.5' Mean (mm): 0.29, Phi Sorting: 0.92 Shell: 1%, Fines (230): 3.75% (SW) |
| -20.4 | 9.3 | | SAND, fine to medium grained, quartz, trace shell hash, trace silt, very dark gray (5Y-3/1), (SP). | | 7 | Sample #7, Depth = 9.0' Mean (mm): 0.28, Phi Sorting: 0.88 Shell: 2%, Fines (230): 3.55% (SP) |
| -22.0 | 10.9 | | SAND, fine to medium grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, very dark gray (5Y-3/1), (SP-SM). | | 4 | Sample #4, Depth = 9.7' Mean (mm): 0.25, Phi Sorting: 0.98 Shell: 1%, Fines (230): 7.06% (SP-SM) |
| -26.6 | 15.5 | | SAND, fine to medium grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, shell fragment (2"x0.75") @ 14.0', very dark gray (5Y-3/1), (SW-SM). | | 5 | Sample #5, Depth = 12.0' Mean (mm): 0.31, Phi Sorting: 1.01 Shell: 1%, Fines (230): 7.40% (SW-SM) |
| -31.3 | 20.2 | | SAND, fine to medium grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, whole shells (2"x 2") @ 15.6' and 16.0'; bit sample from 19.8' to 20.2', very dark gray (5Y-3/1), (SM). | | 6 | Sample #6, Depth = 19.0' Mean (mm): 0.36, Phi Sorting: 1.04 Shell: 1%, Fines (230): 14.72% (SM) |
| | | | End of Boring | | | |

FLORIDA DEP ROSS APVC-31 TO 43.GPJ FL DEP ROSS.GDT 11/30/05