

| | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 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. | |
| 2. BORING DESIGNATION APVC-05-35 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane North | |
| 3. DRILLING AGENCY GFA International | | | 11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER | |
| 4. NAME OF DRILLER Fred Kaub, P.G. | | | 12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL DEG. FROM VERTICAL <input type="checkbox"/> INCLINED BEARING | | | 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 COMPLETED 10-10-05 12:36 10-10-05 12:44 | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | | 16. ELEVATION TOP OF BORING -8.5 Ft. | |
| | | | 17. TOTAL RECOVERY FOR BORING 20.1 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 |
|---------------|---------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|---------------------------------------------------------------------------------------------------------|
| -8.5 | 0.0 | | | | | |
| | | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, very dark gray (5Y-3/1) silty sand pocket (0.5"x2.0") @ 5.6', light gray (5Y-7/1), (SP). | | 1 | Sample #1, Depth = 2.0' Mean (mm): 0.23, Phi Sorting: 0.50 Shell: 0%, Fines (230): 1.17% (SP) |
| | | | | | 2 | Sample #2, Depth = 6.0' Mean (mm): 0.22, Phi Sorting: 0.51 Shell: 0%, Fines (230): 1.16% (SP) |
| -15.5 | 7.0 | | | | | |
| | | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments (1"x1") @ 7.4' and (0.75"x0.75") @ 8.0'; very dark gray (5Y-3/1) silty sand pocket (0.5"x3.0"), gray (5Y-6/1), (SP). | | 3 | Sample #3, Depth = 8.5' Mean (mm): 0.25, Phi Sorting: 0.71 Shell: 0%, Fines (230): 2.29% (SP) |
| -17.7 | 9.2 | | | | | |
| | | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, olive gray (5Y-5/2), (SP). | | 4 | Sample #4, Depth = 9.7' Mean (mm): 0.26, Phi Sorting: 0.89 Shell: 1%, Fines (230): 3.62% (SP) |
| -19.2 | 10.7 | | | | | |
| | | | SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragment (2"x1.75") @ 11.2'; whole shells (2"x1.5") @ 16.5' and (1"x1") @ 16.7'; bit sample from 19.8' to 20.1', very dark gray (5Y-3/1), (SW-SM). | | 5 | Sample #5, Depth = 14.0' Mean (mm): 0.27, Phi Sorting: 0.89 Shell: 1%, Fines (230): 5.27% (SW-SM) |
| | | | | | | |
| -28.6 | 20.1 | | | | | |
| | | | End of Boring | | | |

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