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| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 OF 1 SHEETS |
| 1. PROJECT St. Lucie Vibracores St. Lucie County, FL | | | 9. SIZE AND TYPE OF BIT 3.0 In. | |
| 2. BORING DESIGNATION SLVC-06-02 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane East | |
| 3. DRILLING AGENCY America Vibracoring Inc. | | | 11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore | |
| 4. NAME OF DRILLER Fred Kaub, P.G. | | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | 12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | 13. TOTAL NUMBER CORE BOXES | |
| 7. DEPTH DRILLED INTO ROCK 2.6 Ft. | | | 14. ELEVATION GROUND WATER | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | | 15. DATE BORING 06-01-06 10:20 COMPLETED 06-01-06 10:25 | |
| | | | 16. ELEVATION TOP OF BORING -31.1 Ft. | |
| | | | 17. TOTAL RECOVERY FOR BORING 19.3 Ft. | |
| | | | 18. SIGNATURE AND TITLE OF INSPECTOR ML | |

| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|---------------|---------------|--------|--|-----------|------------------|--|
| -31.1 | 0.0 | | | | | |
| -34.0 | 2.9 | | SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, gray (2.5Y-5/1), (SW). | | 1 | Sample #1, Depth = 1.5' Mean (mm): 0.40, Phi Sorting: 1.36 Fines (230): 2.30% (SW) |
| -36.9 | 5.8 | | SHELL HASH, some sand, fine grained, quartz, little whole shell, trace shell fragments, trace silt, whole shell up to (1.0"x1.5"); three (2.0"x1.0") shell fragments @ 5.2', grayish brown (2.5Y-5/2), (SW). | | 2 | Sample #2, Depth = 4.0' Mean (mm): 0.52, Phi Sorting: 1.15 Fines (230): 2.14% (SW) |
| -38.0 | 6.9 | | SHELL HASH, some sand, fine grained, quartz, little shell fragments, shell fragments up to (0.5"x0.5"), gray (2.5Y-5/1), (SW). | | 3 | Sample #3, Depth = 6.5' Mean (mm): 0.40, Phi Sorting: 1.05 Fines (230): 2.44% (SW) |
| -39.1 | 8.0 | | SHELL HASH, some shell fragments, trace silt, trace whole shell, shell fragments and whole shell up to (1.0"x1.0"); (3.0"x2.0") shell fragment @ 7.8', gray (2.5Y-5/1), (SW). | | 4 | Sample #4, Depth = 7.5' Mean (mm): 0.92, Phi Sorting: 1.39 Fines (230): 2.34% (SW) |
| -39.4 | 8.3 | | | | | |
| -39.8 | 8.7 | | | | | |
| -42.0 | 10.9 | | SAND, fine grained, quartz, little silt, trace shell hash, gray (2.5Y-6/1), (SM). | | | |
| | | | SHELL FRAGMENTS, little sand, fine grained, quartz, little shell hash, little whole shell, gray (2.5Y-5/1), (GW). | | | |
| -45.5 | 14.4 | | SAND, fine grained, quartz, trace clay, trace shell fragments, trace silt, shell fragment lense @ 9.2'; trace clay distributed in 1.0 cm pockets, gray (2.5Y-6/1), (SM-SC). | | | |
| | | | SHELL FRAGMENTS, little shell hash, little silt, little whole shell, whole shell up to (2.0"x2.0"); shell fragments up to (1.5"x1.5"), gray (2.5Y-6/1), (GW-GM). | | | |
| -47.9 | 16.8 | | SAND, fine grained, quartz, some shell fragments, little silt, little whole shell, trace clay, clay in 1.0 cm pockets; shell fragments up to (1.0"x1.0"); whole shell up to (2.0"x2.0"), gray (2.5Y-5/1), (GM-GC). | | | |
| -50.4 | 19.3 | | SAND, fine grained, quartz, some rock fragments, some shell hash, little silt, rock fragments up to (3.0"x3.0"), light gray (2.5Y-7/1), (GM). | | | |
| -51.1 | 20.0 | | No Recovery. | | | |
| | | | End of Boring | | | |

FLORIDA DEP ROSS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/29/06