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| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 OF 1 SHEETS |
| 1. PROJECT Charlotte Co | | | 9. SIZE AND TYPE OF BIT 4.0 In. | |
| 2. BORING DESIGNATION CH-12-VC-6 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane West | |
| LOCATION COORDINATES X = 524,752.9 Y = 917,041.9 | | | HORIZONTAL NAD 1983 | |
| 3. DRILLING AGENCY American Vibracore Services | | | VERTICAL NAVD 88 | |
| 4. NAME OF DRILLER American Vibracore | | | 11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | 12. TOTAL SAMPLES | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | DISTURBED | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | UNDISTURBED (UD) | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | | 13. TOTAL NUMBER CORE BOXES | |
| | | | 14. ELEVATION GROUND WATER | |
| | | | 15. DATE BORING STARTED 01-16-13 COMPLETED 01-16-13 | |
| | | | 16. ELEVATION TOP OF BORING -35.8 Ft. | |
| | | | 17. TOTAL RECOVERY FOR BORING 18.3 Ft. | |
| | | | 18. SIGNATURE AND TITLE OF INSPECTOR | |

| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|------------|------------|--------|--|--------|---------------|---|
| -35.8 | 0.0 | | | | | |
| | | | Interbedded fine grained quartz sand and fine grained quartz sand with abundant shell fragments. Gradational contact, light gray (5Y-7/1), (SW). | | 1 | Sample #1, Depth = 1.0' - 1.3' Mean (mm): 0.41, Phi Sorting: 1.26 Fines (230): 0.17% (SW) |
| -41.4 | 5.6 | | Fine grained quartz sand with silt and some gravel-sized shell fragments. Increasing silt content with depth. Gradational contact, gray (5Y-5/1), (SM). | | 2 | Sample #2, Depth = 4.5' - 4.8' Mean (mm): 0.45, Phi Sorting: 1.23 Fines (230): 0.31% (SW) |
| -45.6 | 9.8 | | Sand with silt and mottled with mud-filled burrows. Some peaty mud. Variable color throughout. Gradational contact, very dark gray (5Y 3/1) to, olive gray (5Y-5/2), (SM). | | 3 | Sample #3, Depth = 6.5' - 6.8' Mean (mm): 0.49, Phi Sorting: 1.95 Fines (230): 17.10% |
| -48.5 | 12.7 | | | | | |
| | | | Limestone marl, partially lithified. Some sand from 13.7'-14.1', white (5Y-8/1), (LS). | | | |
| -54.2 | 18.4 | | | | | |
| | | | End of Boring | | | |

FLORIDA DEP ROSS 2013-2-19 CHARLOTTE.GPJ FL DEP ROSS.GDT 3/8/13