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| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 |
| 1. PROJECT Charlotte Co | | 9. SIZE AND TYPE OF BIT 4.0 In. | | |
| 2. BORING DESIGNATION CH-12-VC-10 | | 10. COORDINATE SYSTEM/DATUM Florida State Plane West | | |
| 3. DRILLING AGENCY American Vibracore Services | | 11. MANUFACTURER'S DESIGNATION OF DRILL Electric Vibracore | | |
| 4. NAME OF DRILLER American Vibracore | | 12. TOTAL SAMPLES | | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | 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 01-16-13 COMPLETED 01-16-13 | | |
| 8. TOTAL DEPTH OF BORING 8.6 Ft. | | 16. ELEVATION TOP OF BORING -35.6 Ft. | | |
| | | 17. TOTAL RECOVERY FOR BORING 8.6 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 |
|------------|------------|--------|---|--------|---------------|---|
| -35.6 | 0.0 | | | | | |
| -39.1 | 3.5 | | Fine grained quartz sand with some fine to medium grained shell fragments. Increasing shell content with depth. Abrupt contact, light gray (5Y-7/1), (SW). | | 1 | Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.32, Phi Sorting: 1.00 Fines (230): 4.10% (SW) |
| -41.1 | 5.5 | | Fine grained quartz sand with little silt. Few gravel-sized shells from 5'-5.5'. Abrupt contact, light olive gray (5Y-6/2), (SW-SM). | | 2 | Sample #2, Depth = 4.0' - 4.3' Mean (mm): 0.20, Phi Sorting: 1.11 Fines (230): 7.12% |
| -43.1 | 7.5 | | Fine grained quartz sand with some silt and abundant coarse shell fragments. Some gravel-sized shell. Increasing silt content with depth. Gradational contact, light olive gray (5Y-6/2), (SM W/ GRAVEL). | | | |
| -44.2 | 8.6 | | Limestone cobbles to 3" in a silt matrix, light gray (5Y-7/1), (LS). | | | |
| | | | End of Boring | | | |

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