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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-4 | | 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 01-16-13 | | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | 16. ELEVATION TOP OF BORING -26.3 Ft. | | |
| | | 17. TOTAL RECOVERY FOR BORING 19.2 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 |
|------------|------------|--------|---|--------|---------------|---|
| -26.3 | 0.0 | | | | | |
| | | | Fine grained quartz sand with some blackened fine to medium grained shell fragments. Interbedded layers of increased shell content. Gradational contact, light gray (5Y-7/1), (SW). | | 1 | Sample #1, Depth = 1.5' - 1.8' Mean (mm): 0.31, Phi Sorting: 0.87 Fines (230): 0.21% (SW) |
| | | | | | 2 | Sample #2, Depth = 5.5' - 5.8' Mean (mm): 0.40, Phi Sorting: 1.38 Fines (230): 0.20% (SW) |
| -34.2 | 7.9 | | | | | |
| -35.2 | 8.9 | | Fine grained quartz sand with trace silt. Increasing silt content with depth. Gradational contact, light olive gray (5Y-6/2), (SM). | | 3 | Sample #3, Depth = 8.5' - 8.8' Mean (mm): 0.23, Phi Sorting: 1.44 Fines (230): 12.00% |
| -36.1 | 9.8 | | Fine grained quartz sand with some silt. Increasing silt content with depth. Gradational contact, light olive gray (5Y-6/2), (SW-SM). | | 4 | Sample #4, Depth = 9.5' - 9.8' Mean (mm): 0.22, Phi Sorting: 1.15 Fines (230): 5.38% |
| | | | Fine grained quartz sand with some silt and abundant coarse to gravel-sized shell fragments. Increasing silt content with depth. Gradational contact, gray (5Y 6/1) to, dark gray (5Y-4/1), (SM W/ GRAVEL). | | | |
| -43.9 | 17.6 | | | | | |
| -44.4 | 18.1 | | Partially lithified limestone marl with silt. Gradational contact, white (5Y-8/1), (LS). | | | |
| -45.4 | 19.1 | | Fine grained quartz sand with silt. Mottled with some silt-filled burrows, gray (5Y-6/1), (SP-SM). | | | |
| | | | End of Boring | | | |

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