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| DRILLING LOG | | DIVISION | INSTALLATION | SHEET 1 OF 1 SHEETS |
| 1. PROJECT 2011 SLC Geotech Investigation St. Lucie County | | | 9. SIZE AND TYPE OF BIT | |
| 2. BORING DESIGNATION SLC-11-C87 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane East | |
| 3. DRILLING AGENCY American Vibracore Services | | | 11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore | |
| 4. NAME OF DRILLER AVS | | | 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 04-20-11 | |
| 8. TOTAL DEPTH OF BORING 20.0 Ft. | | | 16. ELEVATION TOP OF BORING -40.3 Ft. | |
| | | | 17. TOTAL RECOVERY FOR BORING 18.4 Ft. | |
| | | | 18. SIGNATURE AND TITLE OF INSPECTOR LA | |

| ELEV. (ft) | DEPTH (ft) | LEGEND | CLASSIFICATION OF MATERIALS Depths and elevations based on measured values | % REC. | BOX OR SAMPLE | REMARKS |
|---------------|---------------|--------|--|-----------|------------------|----------------------------------|
| -40.3 | 0.0 | | | | | |
| | | | Fine to medium grained skeletal sand with some quartz fraction. Some coarse and gravel-sized shell fragments up to 1.5" in size between 1.3'-1.8'. Abrupt contact, grayish brown (2.5Y 5/2), light olive brown (2.5Y-5/3), (SP). | | 1 | Sample #1, Depth = 0.5' - 0.8' |
| | | | | | 2 | Sample #2, Depth = 4.5' - 4.8' |
| | | | | | 3 | Sample #3, Depth = 8.0' - 8.3' |
| -50.7 | 10.4 | | | | | |
| -51.0 | 10.7 | | Interbedded mud and fine grained quartz sand. Abrupt contact, gray (5Y 5/1) to, dark gray (5Y-4/1), (SM). | | 4 | Sample #4, Depth = 10.4' - 10.7' |
| | | | Fine to medium grained skeletal sand with some quartz fraction. Some coarse to gravel-sized shell fragments from 10.7' to 11.2'. Abrupt contact, olive gray (5Y-5/2), (SP). | | 5 | Sample #5, Depth = 14.0' - 14.3' |
| -56.4 | 16.1 | | | | | |
| -56.6 | 16.3 | | Silt with little fine grained quartz sand. Abrupt contact, dark gray (5Y-4/1), (ML). | | | |
| -57.3 | 17.0 | | Fine grained skeletal sand with some fine grained quartz fraction. Some silt. Gradational contact, gray (5Y 5/1) to, dark gray (5Y-4/1), (SP-SM). | | | |
| -58.2 | 17.9 | | | | | |
| -58.7 | 18.4 | | Nearly solid coarse to gravel-sized bivalve fragments. Possibly reef-related. Abrupt contact, gray (5Y-5/1), (GW). | | | |
| -60.3 | 20.0 | | Fine grained quartz sand with some silt. Decreasing silt content with depth, dark gray (5Y-4/1), (SP-SM). | | | |
| | | | No Recovery. | | | |
| | | | End of Boring | | | |

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 12/5/11