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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-B73 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane East | |
| LOCATION COORDINATES X = 932,198 Y = 1,098,585 | | | HORIZONTAL NAD 1983 | |
| 3. DRILLING AGENCY American Vibracore Services | | | 11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore | |
| CONTRACTOR FILE NO. | | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | |
| 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 | |
| DEG. FROM VERTICAL | | | 14. ELEVATION GROUND WATER | |
| BEARING | | | 15. DATE BORING 04-19-11 | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | 16. ELEVATION TOP OF BORING -45.2 Ft. | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | 17. TOTAL RECOVERY FOR BORING 15 Ft. | |
| 8. TOTAL DEPTH OF BORING 17.4 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 |
|---------------|---------------|--------|---|-----------|------------------|----------------------------------|
| -45.2 | 0.0 | | | | | |
| | | | Medium grained skeletal sand with some fine to medium grained angular quartz sand. Few coarse to gravel-sized shell fragments. Silt in top 1", possibly due to drilling. Gradational contact, light olive gray (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SW). | | 1 | Sample #1, Depth = 1.0' - 1.3' |
| | | | | | 2 | Sample #2, Depth = 4.5' - 4.8' |
| | | | | | 3 | Sample #3, Depth = 7.0' - 7.3' |
| -54.9 | 9.7 | | | | 4 | Sample #4, Depth = 10.0' - 10.3' |
| -57.0 | 11.8 | | Fine to medium grained quartz sand with abundant fine to medium grained blackened shell fragments. Some coarse grained shell fragments. Concentrated coarse shell fragments between 10.0'-10.8'. Gradational contact, very dark gray (5Y-3/1), (SW). | | 5 | Sample #5, Depth = 12.0' - 12.3' |
| -58.1 | 12.9 | | Fine grained quartz sand with abundant fine grained blackened shell fragments. Gradational contact, dark gray (5Y-4/1), (SW-SM). | | 6 | Sample #6, Depth = 13.5' - 13.8' |
| -59.8 | 14.6 | | Coarse grained blackened shell fragments with some gravel-sized shell fragments. Layers of sand with silt at 13.5'-13.7' and 13.8'-14.0'. Abrupt contact, black (2.5Y-2.5/1), (SW-SM). | | | |
| -60.2 | 15.0 | | Very fine grained quartz sand with some silt and some very fine grained shell fragments, olive gray (5Y-5/2), (SP-SM). | | | |
| -62.6 | 17.4 | | No Recovery. | | | |
| | | | End of Boring | | | |

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/10/11