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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-B51 | | | 10. COORDINATE SYSTEM/DATUM Florida State Plane East | |
| LOCATION COORDINATES X = 931,193 Y = 1,093,573 | | | 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 04-17-11 | |
| 6. THICKNESS OF OVERBURDEN 0.0 Ft. | | | 16. ELEVATION TOP OF BORING -37.9 Ft. | |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft. | | | 17. TOTAL RECOVERY FOR BORING 15.8 Ft. | |
| 8. TOTAL DEPTH OF BORING 19.2 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 |
|---------------|---------------|--------|--|-----------|------------------|----------------------------------|
| -37.9 | 0.0 | | | | | |
| | | | Medium grained skeletal sand with little fine grained quartz fraction. Trace coarse to gravel-size shell. Variable color. Gradational contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SP). | | 1 | Sample #1, Depth = 0.5' - 0.8' |
| | | | | | 2 | Sample #2, Depth = 5.0' - 5.3' |
| -44.5 | 6.6 | | | | | |
| | | | Fine to medium grained skeletal sand with some fine grained quartz fraction. Fining with depth from 10.8' to 12.8'. Variable color. Gradational contact, light olive brown (2.5Y 5/3) to, dark grayish brown (2.5Y-4/2), (SP). | | 3 | Sample #3, Depth = 8.5' - 8.8' |
| | | | | | 4 | Sample #4, Depth = 11.5' - 11.8' |
| -50.7 | 12.8 | | | | | |
| -51.5 | 13.6 | | Fine grained quartz sand with some fine to medium grained shell content. Little silt. Fining with depth, dark gray (5Y-4/1), (SW-SM). | | 5 | Sample #5, Depth = 13.2' - 13.5' |
| -53.2 | 15.3 | | Abundant gravel and coarse grained shell in a matrix of medium grained blackened skeletal sand with some fine grained quartz. Little silt. Gradational contact, dark gray (5Y-4/1), (GW-GM). | | | |
| -53.7 | 15.8 | | Fine grained quartz sand with little silt. Some fine grained shell fragments, dark gray (5Y-4/1), (SP-SM). | | | |
| | | | No Recovery. | | | |
| -57.1 | 19.2 | | | | | |
| | | | End of Boring | | | |

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