

|  |  |                 |  |                                      |
|--|--|-----------------|--|--------------------------------------|
| <b>DRILLING LOG</b>  |  | <b>DIVISION</b> | <b>INSTALLATION</b>  | <b>SHEET 1</b><br><b>OF 1 SHEETS</b> |
| <b>1. PROJECT</b><br>2011 SLC Geotech Investigation<br>St. Lucie County  |  |                 | <b>9. SIZE AND TYPE OF BIT</b>   |                                      |
| <b>2. BORING DESIGNATION</b><br>SLC-11-C89   |  |                 | <b>10. COORDINATE SYSTEM/DATUM</b><br>Florida State Plane East                               |                                      |
| <b>LOCATION COORDINATES</b><br>X = 934,809 Y = 1,103,584   |  |                 | <b>HORIZONTAL</b><br>NAD 1983  |                                      |
| <b>3. DRILLING AGENCY</b><br>American Vibracore Services   |  |                 | <b>11. MANUFACTURER'S DESIGNATION OF DRILL</b><br>Pneumatic Vibracore                        |                                      |
| <b>CONTRACTOR FILE NO.</b>   |  |                 | <input type="checkbox"/> <b>AUTO HAMMER</b><br><input type="checkbox"/> <b>MANUAL HAMMER</b> |                                      |
| <b>4. NAME OF DRILLER</b><br>AVS   |  |                 | <b>12. TOTAL SAMPLES</b>   |                                      |
| <b>5. DIRECTION OF BORING</b><br><input checked="" type="checkbox"/> <b>VERTICAL</b><br><input type="checkbox"/> <b>INCLINED</b> |  |                 | <b>13. TOTAL NUMBER CORE BOXES</b>   |                                      |
| <b>DEG. FROM VERTICAL</b>  |  |                 | <b>14. ELEVATION GROUND WATER</b>  |                                      |
| <b>BEARING</b>   |  |                 | <b>15. DATE BORING</b><br>04-20-11   |                                      |
| <b>6. THICKNESS OF OVERBURDEN</b><br>0.0 Ft.   |  |                 | <b>16. ELEVATION TOP OF BORING</b><br>-39.3 Ft.  |                                      |
| <b>7. DEPTH DRILLED INTO ROCK</b><br>0.0 Ft.   |  |                 | <b>17. TOTAL RECOVERY FOR BORING</b><br>14.7 Ft.   |                                      |
| <b>8. TOTAL DEPTH OF BORING</b><br>18.4 Ft.  |  |                 | <b>18. SIGNATURE AND TITLE OF INSPECTOR</b><br>LA  |                                      |

| ELEV.<br>(ft) | DEPTH<br>(ft) | LEGEND | CLASSIFICATION OF MATERIALS<br>Depths and elevations based on measured values  | %<br>REC. | BOX OR<br>SAMPLE | REMARKS                          |
|---------------|---------------|--------|--|-----------|------------------|----------------------------------|
| -39.3         | 0.0           |        |  |           |                  |                                  |
|               |               |        |  |           | 1                | Sample #1, Depth = 0.5' - 0.8'   |
|               |               |        |  |           | 2                | Sample #2, Depth = 4.0' - 4.3'   |
|               |               |        |  |           | 3                | Sample #3, Depth = 7.0' - 7.3'   |
| -49.7         | 10.4          |        |  |           |                  |                                  |
| -51.3         | 12.0          |        | Fine to medium grained skeletal sand with some quartz fraction. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).  |           | 4                | Sample #4, Depth = 11.3' - 11.6' |
| -52.7         | 13.4          |        | Medium grained skeletal sand with abundant coarse to gravel-sized shell fragments. Whole bivalve half shell sand cashew shells to 1". Abrupt contact, dark grayish brown (2.5Y-4/2), (SW). |           | 5                | Sample #5, Depth = 12.5' - 12.8' |
| -54.0         | 14.7          |        | Fine to medium grained skeletal sand with some quartz fraction. Little silt. Layer of fine sand and silt at top (1" thick), grayish brown (2.5Y-5/2), (SW).<br>No Recovery.                |           | 6                | Sample #6, Depth = 14.0' - 14.3' |
| -57.7         | 18.4          |        |  |           |                  |                                  |
|               |               |        | End of Boring  |           |                  |                                  |

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