

# Boring Designation SLS-07

|   |  |   |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
| <b>DRILLING LOG</b>   |  | DIVISION  |  | INSTALLATION   |  | SHEET 1<br>OF 1 SHEETS   |  |
| 1. PROJECT<br>South SLC Offshore Sand Search<br>South St. Lucie Co.   |  |   |  | 9. SIZE AND TYPE OF BIT  |  |  |  |
| 2. BORING DESIGNATION<br>SLS-07   |  | LOCATION COORDINATES<br>X = 932,507.91 Y = 1,082,457.18 |  | 10. COORDINATE SYSTEM/DATUM<br>Florida State Plane East        |  | HORIZONTAL<br>NAD 1983   |  |
| 3. DRILLING AGENCY<br>American Vibracore Services   |  | CONTRACTOR FILE NO.                                     |  | 11. MANUFACTURER'S DESIGNATION OF DRILL<br>pneumatic vibracore |  | <input type="checkbox"/> AUTO HAMMER<br><input type="checkbox"/> MANUAL HAMMER |  |
| 4. NAME OF DRILLER<br>AVS   |  |   |  | 12. TOTAL SAMPLES  |  |  |  |
| 5. DIRECTION OF BORING<br><input checked="" type="checkbox"/> VERTICAL<br><input type="checkbox"/> INCLINED |  |   |  | 13. TOTAL NUMBER CORE BOXES                                    |  |  |  |
| 6. THICKNESS OF OVERBURDEN<br>0.0 Ft.   |  |   |  | 14. ELEVATION GROUND WATER                                     |  |  |  |
| 7. DEPTH DRILLED INTO ROCK<br>0.0 Ft.   |  |   |  | 15. DATE BORING<br>12-04-08                                    |  |  |  |
| 8. TOTAL DEPTH OF BORING<br>18.6 Ft.  |  |   |  | 16. ELEVATION TOP OF BORING<br>-20.0 Ft.                       |  |  |  |
|   |  |   |  | 17. TOTAL RECOVERY FOR BORING<br>18.8 Ft.                      |  |  |  |
|   |  |   |  | 18. SIGNATURE AND TITLE OF INSPECTOR<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                          |    |
|---------------|---------------|--------|---|-----------|------------------|----------------------------------|----|
| -20.0         | 0.0           |        |   |           |                  |                                  | 0  |
|               |               |        | Medium grained skeletal sand with little fine grained quartz sand fraction. Gradational contact, brown (10YR 5/3) to, grayish brown (2.5Y-5/2), (SP).   |           | 1                | Sample #1, Depth = 0.5' - 0.8'   |    |
|               |               |        |   |           | 2                | Sample #2, Depth = 5.0' - 5.3'   | 5  |
| -27.5         | 7.5           |        |   |           | 3                | Sample #3, Depth = 8.0' - 8.3'   | 10 |
|               |               |        | Fine to medium grained skeletal sand with little fine grained quartz sand fraction. Some shell fragments are blackened. Increasing fines with depth. Gradational contact, light brownish gray (2.5Y-6/2), (SW). |           | 4                | Sample #4, Depth = 12.0' - 12.3' | 15 |
| -35.0         | 15.0          |        |   |           | 5                | Sample #5, Depth = 15.5' - 15.8' |    |
| -36.5         | 16.5          |        | Fine to medium grained skeletal sand. Gravel-sized shell is present at 16.5'. Gradational contact, light brownish gray (2.5Y-6/2), (SW-SM).   |           | 6                | Sample #6, Depth = 17.5' - 17.8' |    |
| -38.8         | 18.8          |        | Medium to coarse grained skeletal sand with little fine grained quartz sand content. Possibly coquina related, light gray (2.5Y-7/2), (SW-SM).  |           |                  |                                  |    |
|               |               |        | End of Boring   |           |                  |                                  | 20 |
|               |               |        |   |           |                  |                                  | 25 |

FLORIDA DEP ROSS SLC RECON CORES WET SIEVED.GPJ FL DEP ROSS.GDT 09/08/09