

| DRILLING LOG | | DIVISION South Atlantic | | INSTALLATION Jacksonville District | | | SHEET 1 OF 2 SHEETS | | |
|---|-------|----------------------------|--|--|---------------------------|--|------------------------|-----------------------|---------|
| 1. PROJECT Vibracore Borings Offshore Sarasota BEC | | | | 9. SIZE AND TYPE OF BIT 3.5" Vibracore | | | | | |
| 2. BORING DESIGNATION VB-SCV10-61 | | | | 10. COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.) | | HORIZONTAL NAD83 | | VERTICAL NAVD88 | |
| 3. DRILLING AGENCY Corps of Engineers - CESAJ | | | | 11. MANUFACTURER'S DESIGNATION OF DRILL Vibracore | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | | | |
| 4. NAME OF DRILLER American Vibracore Services, Inc. | | | | 12. TOTAL SAMPLES | | DISTURBED 4 | | UNDISTURBED (UD) 0 | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | | 13. TOTAL NUMBER CORE BOXES 0 | | 14. ELEVATION GROUND WATER | | | |
| 6. THICKNESS OF OVERBURDEN N/A | | | | 15. DATE BORING | | STARTED 07-22-10 | | COMPLETED 07-22-10 | |
| 7. DEPTH DRILLED INTO ROCK N/A | | | | 16. ELEVATION TOP OF BORING -42.8 Ft. | | 17. TOTAL RECOVERY FOR BORING 96 % | | | |
| 8. TOTAL DEPTH OF BORING 10.2 Ft. | | | | 18. SIGNATURE AND TITLE OF INSPECTOR Daniel G. Blaydes, Geotechnical Engineer | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | % REC. | BOX OR SAMPLE | RCD OR UD | REMARKS | BLOWS/1 FT. | N-VALUE |
| -42.8 | 0.0 | | SAND, poorly-graded, mostly fine to medium-grained sand-sized shell, some fine-grained sand-sized quartz, 10YR 5/1 gray (SP) | 100 | | | -42.8 | | 0 |
| | | | | 100 | 1-Post | | -45.8 | | |
| | | | | 100 | | | -45.8 | | |
| | | | | | | | -47.8 | | 5 |
| -48.7 | 5.9 | | SAND, silty, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, 10YR 7/1 light gray (SM) | 100 | | | -49.8 | | |
| | | | | 88 | | | -53.0 | | 10 |
| -52.6 | 9.8 | | | | | | | | |
| -53.0 | 10.2 | NO REC | | | | | | | |
| | | | NOTES: | | | | | | |
| | | | 1. Soils are field visually classified in accordance with the Unified Soils Classification System. | | | | | | |
| | | | 2. Laboratory Testing Results | | | | | | |
| | | | SAMPLE ID | SAMPLE DEPTH | LABORATORY CLASSIFICATION | | | | |
| | | | 1 | 3.0/3.5 | SP* | | | | |
| | | | 1-Post | 3.0/3.5 | SP* | | | | |
| | | | 2 | 5.0/5.5 | SP* | | | | |
| | | | 3 | 7.0/7.5 | SM* | | | | |

| DRILLING LOG (Cont. Sheet) | | | INSTALLATION Jacksonville District | | | | SHEET 2 OF 2 SHEETS | | |
|---|-------|--------|---|-----------|----------------------------|---------------------------|--------------------------------------|-----------------|---------|
| PROJECT Vibracore Borings Offshore Sarasota BEC | | | COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.) | | HORIZONTAL NAD83 | VERTICAL NAVD88 | | | |
| LOCATION COORDINATES X = 487,315 Y = 945,581 | | | ELEVATION TOP OF BORING -42.8 Ft. | | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | % REC. | BOX OR SAMPLE | ROD OR UD | REMARKS | BLOWS/ 1 FT. | N-VALUE |
| | | | *Lab visual classification based on gradation curve. No Atterberg limits. | | | | | | |

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