

Boring Designation VB-MCSP06-1

| DRILLING LOG | | DIVISION South Atlantic | | INSTALLATION Jacksonville District | | SHEET 1 OF 1 SHEETS | | | | | | | | | | | | |
|---|--------------|---|--|--|---------------|--|-----------|-------------|---------|---|---------|--------|--|--|--|--|--|--|
| 1. PROJECT Martin County, FL BEC Borrow Area | | | | 9. SIZE AND TYPE OF BIT See Remarks | | | | | | | | | | | | | | |
| 2. BORING DESIGNATION VB-MCSP06-1 | | LOCATION COORDINATES X = 934,939 Y = 1,102,182 | | 10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.) | | HORIZONTAL NAD83 VERTICAL MLW | | | | | | | | | | | | |
| 3. DRILLING AGENCY Corps of Engineers - CESAW | | CONTRACTOR FILE NO. | | 11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | | | | | | | | | | | | |
| 4. NAME OF DRILLER L. Gaughf | | | | 12. TOTAL SAMPLES 2 | | DISTURBED 0 UNDISTURBED (UD) | | | | | | | | | | | | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | | 13. TOTAL NUMBER CORE BOXES 1 | | 14. ELEVATION GROUND WATER N/A | | | | | | | | | | | | |
| 6. THICKNESS OF OVERBURDEN N/A | | DEG. FROM VERTICAL | | 15. DATE BORING 07-19-06 | | STARTED 07-19-06 COMPLETED | | | | | | | | | | | | |
| 7. DEPTH DRILLED INTO ROCK N/A | | BEARING | | 16. ELEVATION TOP OF BORING -37.3 Ft. | | 17. TOTAL RECOVERY FOR BORING 81 % | | | | | | | | | | | | |
| 8. TOTAL DEPTH OF BORING 8.0 Ft. | | | | 18. SIGNATURE AND TITLE OF INSPECTOR Robert DiRienzo, Geotechnical Engineer | | | | | | | | | | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | % REC. | BOX OR SAMPLE | RQD OR UD | REMARKS | BLOWS/1 FT. | N-VALUE | | | | | | | | | |
| -37.3 | 0.0 | | SHELL, mostly sand to gravel-sized shell up to 1/2", few fine-grained sand-sized quartz, 2.5Y 3/1 very dark gray | 100 | 1 | | -37.3 | | | | | | | | | | | |
| -40.5 | 3.2 | | At El. -39.6 Ft., 2.5Y 4/3 olive brown | | | | Vibracore | | | | | | | | | | | |
| -43.8 | 6.5 | | SAND, poorly-graded with silt, mostly sand to gravel-sized shell up to 1/2", some fine to medium-grained sand-sized quartz, few silt, 2.5Y 4/3 olive brown (SP-SM) | 69 | 2 | | Vibracore | | | | | | | | | | | |
| -45.3 | 8.0 | NR | | | | | -45.3 | | | | | | | | | | | |
| | | | NOTES: 1. USACE Jacksonville is the custodian for these original files. 2. Soils are field visually classified in accordance with the Unified Soils Classification System. 3. Elevation based on predicted tide 4. Laboratory Testing Results <table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/0.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.2/3.7</td> <td>SP-SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits. | SAMPLE ID | SAMPLE DEPTH | LABORATORY CLASSIFICATION | 1 | 0.0/0.5 | SP* | 2 | 3.2/3.7 | SP-SM* | | | | | | |
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| 1 | 0.0/0.5 | SP* | | | | | | | | | | | | | | | | |
| 2 | 3.2/3.7 | SP-SM* | | | | | | | | | | | | | | | | |