

# Boring Designation C-13A

|  |  |   |   |  |
|--|--|---|---|--|
| <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>Bonita Beach<br>Big Carlos Pass   |  |   | <b>9. SIZE AND TYPE OF BIT</b> 3.0 In.<br><b>10. COORDINATE SYSTEM/DATUM</b><br>Florida State Plane West      NAD 1983      NAVD 88 |  |
| <b>2. BORING DESIGNATION</b><br>C-13A  |  | <b>LOCATION COORDINATES</b><br>X = 684,598.9    Y = 753,794.3 |   | <b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER<br>Electric Vibracore <input type="checkbox"/> MANUAL HAMMER |
| <b>3. DRILLING AGENCY</b><br>American Vibracore Services   |  | <b>CONTRACTOR FILE NO.</b>                                    |   | <b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b>  |
| <b>4. NAME OF DRILLER</b><br>American Vibracore  |  |   | <b>13. TOTAL NUMBER CORE BOXES</b>  |  |
| <b>5. DIRECTION OF BORING</b><br><input checked="" type="checkbox"/> VERTICAL<br><input type="checkbox"/> INCLINED |  |   | <b>14. ELEVATION GROUND WATER</b>   |  |
| <b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.  |  |   | <b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b><br>02-17-12      02-17-12  |  |
| <b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.  |  |   | <b>16. ELEVATION TOP OF BORING</b> -12.5 Ft.  |  |
| <b>8. TOTAL DEPTH OF BORING</b> 7.5 Ft.  |  |   | <b>17. TOTAL RECOVERY FOR BORING</b> 6.1 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   |
|---------------|---------------|--------|---|-----------|------------------|---|
| -12.5         | 0.0           |        |   |           |                  |   |
| -13.0         | 0.5           |        | Abundant coarse to gravel sized shell in a silty sand matrix. Gradational contact, olive gray (5Y-5/2), (SW-SM).  |           | 1                | Sample #1, Depth = 0.0' - 0.4'<br>Mean (mm): 0.26, Phi Sorting: 1.83<br>Fines (230): 11.15% |
| -15.2         | 2.7           |        | Fine grained quartz sand with abundant silt. Some coarse shell fragments and few gravel sized shell fragments. Gradational contact, olive gray (5Y-5/2), (SW-SM).                                   |           | 2                | Sample #2, Depth = 2.0' - 2.4'<br>Mean (mm): 0.27, Phi Sorting: 2.13<br>Fines (230): 10.44% |
| -16.5         | 4.0           |        | Abundant coarse to gravel sized shell fragments in a silty sand matrix. Gradational contact, olive gray (5Y-5/2), (SW-SM W/ GRAVEL).  |           | 3                | Sample #3, Depth = 3.0' - 3.4'<br>Mean (mm): 0.97, Phi Sorting: 2.52<br>Fines (230): 6.51%  |
| -17.5         | 5.0           |        | Fine grained quartz sand with abundant silt. Some coarse shell fragments and few gravel-sized shell fragments. Increasing shell content with depth. Gradational contact, olive gray (5Y-5/2), (SM). |           |                  |   |
| -18.5         | 6.0           |        | Abundant coarse to gravel sized shell in a silty sand matrix, olive gray (5Y-5/2), (GM).  |           |                  |   |
|               |               |        | End of Boring   |           |                  |   |

FLORIDA DEP ROSS 2012-3-1 BONITA BEACH.GPJ FL DEP ROSS.GDT 4/4/12