

|  |  |  |   |                                      |
|--|--|--|---|--------------------------------------|
| <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>Palm Beach County Vibracore 2004<br>Palm Beach County, Florida                                |  |  | <b>9. SIZE AND TYPE OF BIT</b> 4.0 In.  |                                      |
| <b>2. BORING DESIGNATION</b><br>HB04-54  |  |  | <b>10. COORDINATE SYSTEM/DATUM</b><br>Florida State Plane East                          |                                      |
| <b>LOCATION COORDINATES</b><br>X = 965,315 Y = 750,410   |  |  | <b>HORIZONTAL</b> NAD 1983<br><b>VERTICAL</b> NAVD 29                                   |                                      |
| <b>3. DRILLING AGENCY</b><br>Alpine OSS, Inc   |  | <b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER<br>Alpine Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER |   |                                      |
| <b>CONTRACTOR FILE NO.</b>   |  | <b>12. TOTAL SAMPLES</b> 4<br><b>DISTURBED</b> 4<br><b>UNDISTURBED (UD)</b> 0  |   |                                      |
| <b>4. NAME OF DRILLER</b><br>SEA INC   |  |  | <b>13. TOTAL NUMBER CORE BOXES</b> 2  |                                      |
| <b>5. DIRECTION OF BORING</b><br><input checked="" type="checkbox"/> VERTICAL<br><input type="checkbox"/> INCLINED |  |  | <b>14. ELEVATION GROUND WATER</b>   |                                      |
| <b>DEG. FROM VERTICAL</b>  |  |  | <b>15. DATE BORING</b> 05-26-04<br><b>STARTED</b> 05-26-04<br><b>COMPLETED</b> 05-26-04 |                                      |
| <b>BEARING</b>   |  |  | <b>16. ELEVATION TOP OF BORING</b> -53.3 Ft.  |                                      |
| <b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.  |  |  | <b>17. TOTAL RECOVERY FOR BORING</b> 20.2 Ft.   |                                      |
| <b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.  |  |  | <b>18. SIGNATURE AND TITLE OF INSPECTOR</b><br>Gary Zarillo, PG                         |                                      |
| <b>8. TOTAL DEPTH OF BORING</b> 20.2 Ft.   |  |  |   |                                      |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS   | % REC. | BOX OR SAMPLE | REMARKS  |    |
|-------|-------|--------|---|--------|---------------|--|----|
| -53.3 | 0.0   |        |   |        |               |  |    |
|       |       |        | (10YR-6.5/1), Gray fine quartz sand, some medium to fine carbonate sand, some shell fragments in fine gravel range, (SP).   |        | 0.5           | Sample #0.5, Depth = 0.5                           | 0  |
| -55.3 | 2.0   |        | (10YR-6.5/1), Gray fine quartz sand, abundant coral rock fragments in coarse gravel range, (GW).  |        |               |  |    |
| -56.1 | 2.8   |        | (10YR-6.5/1), Gray fine quartz sand, medium to fine carbonate sand, trace of white shell fragments in fine gravel range, (SP).  |        | 4.0           | Sample #4.0, Depth = 4.0                           |    |
| -57.9 | 4.6   |        | (10YR-6.5/1), Gray fine quartz sand, medium to fine carbonate sand, shell fragments in fine gravel range, scattered whole shells and coral rock fragments in coarse gravel range, (SP).       |        |               |  | 5  |
| -60.0 | 6.7   |        | (10YR-6.5/1), Gray fine quartz sand, medium to fine carbonate sand, trace of white shell fragments in fine gravel range, (SP).  |        | 8.0           | Sample #8.0, Depth = 8.0                           |    |
| -63.8 | 10.5  |        | (10YR-6.5/1), Gray fine quartz sand, medium to fine carbonate sand, scattered white shell fragments in fine gravel range, trace of coral rock fragments in fine to medium gravel range, (SP). |        | 12.0          | Sample #12.0, Depth = 12.0                         | 10 |
| -68.0 | 14.7  |        | (10YR-6.5/1), Gray fine quartz sand, medium to fine carbonate sand, scattered shell fragments in fine to medium gravel range, scattered coral rock fragments in coarse gravel range, (SP).    |        |               |  | 15 |
| -73.5 | 20.2  |        | End of Boring   |        | Comp          | Sample #Comp, Depth = 20.0<br>Composite 0-12.0 ft. | 20 |

FLORIDA DEP ROSS HIGHLAND BEACH GPJ FL DEP ROSS.GDT 11/12/04