

# Boring Designation PK-03

|                                                                                                                                  |  |                 |                                                                                              |                                      |
|----------------------------------------------------------------------------------------------------------------------------------|--|-----------------|----------------------------------------------------------------------------------------------|--------------------------------------|
| <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>Geotechnical Sand Search for Beach Restoration<br>Perdido Key, FL - Escambia County                         |  |                 | <b>9. SIZE AND TYPE OF BIT</b> 4.0 In.                                                       |                                      |
| <b>2. BORING DESIGNATION</b><br>PK-03                                                                                            |  |                 | <b>10. COORDINATE SYSTEM/DATUM</b><br>Florida State Plane North                              |                                      |
| <b>LOCATION COORDINATES</b><br>X = 1,025,007 Y = 473,041                                                                         |  |                 | <b>HORIZONTAL</b><br>NAD 1983                                                                |                                      |
| <b>3. DRILLING AGENCY</b><br>Olsen Associates, Inc                                                                               |  |                 | <b>11. MANUFACTURER'S DESIGNATION OF DRILL</b><br>Pneumatic                                  |                                      |
| <b>CONTRACTOR FILE NO.</b>                                                                                                       |  |                 | <input type="checkbox"/> <b>AUTO HAMMER</b><br><input type="checkbox"/> <b>MANUAL HAMMER</b> |                                      |
| <b>4. NAME OF DRILLER</b><br>Alpine Ocean Seismic Survey Inc                                                                     |  |                 | <b>12. TOTAL SAMPLES</b><br>4                                                                |                                      |
| <b>5. DIRECTION OF BORING</b><br><input checked="" type="checkbox"/> <b>VERTICAL</b><br><input type="checkbox"/> <b>INCLINED</b> |  |                 | <b>13. TOTAL NUMBER CORE BOXES</b> 2                                                         |                                      |
| <b>DEG. FROM VERTICAL</b>                                                                                                        |  |                 | <b>14. ELEVATION GROUND WATER</b>                                                            |                                      |
| <b>BEARING</b>                                                                                                                   |  |                 | <b>15. DATE BORING</b><br>05-06-05                                                           |                                      |
| <b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.                                                                                        |  |                 | <b>16. ELEVATION TOP OF BORING</b> -21.3 Ft.                                                 |                                      |
| <b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.                                                                                        |  |                 | <b>17. TOTAL RECOVERY FOR BORING</b> 16.3 Ft.                                                |                                      |
| <b>8. TOTAL DEPTH OF BORING</b> 12.7 Ft.                                                                                         |  |                 | <b>18. SIGNATURE AND TITLE OF INSPECTOR</b><br>Gary Zarillo, PG SEA, Inc                     |                                      |

| 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                                       |
|---------------|---------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|-----------------------------------------------|
| -21.3         | 0.0           |        |                                                                                                                                                             |           |                  |                                               |
| -24.6         | 3.3           |        | White to very light gray fine quartz sand, some gray and white shell fragments in fine to medium gravel range, (10YR-8.5/1), (SP).                          |           | 1.0              | Sample #1.0, Depth = 1.0'                     |
| -27.7         | 6.4           |        | Light gray fine quartz sand, trace of iron stain, white (10YR-8/1), (SP).                                                                                   |           | 6.0              | Sample #6.0, Depth = 6.0'                     |
| -30.0         | 8.7           |        | Medium gray fine quartz sand, inclusions of gray silt in collapsed burrows, trace of gray shell fragments, (10YR-7.5/1), (SP).                              |           |                  |                                               |
| -37.6         | 16.3          |        | Light gray to white fine quartz sand, trace of gray silt in burrows, trace of gray shell fragments in coarse sand to fine gravel range, (10YR-8.5/1), (SP). |           | 12.0             | Sample #12.0, Depth = 12.0'                   |
|               |               |        | End of Boring                                                                                                                                               |           | Comp             | Sample #Comp, Depth = 15.0'<br>Comp (0-15.0') |

FLORIDA DEP ROSS PERDIDO KEY.GPJ FL DEP ROSS.GDT 9/30/05