

|  |                                   |  |                               |
|--|-----------------------------------|--|-------------------------------|
| <b>DRILLING LOG</b>  | <b>DIVISION</b><br>South Atlantic | <b>INSTALLATION</b><br>Jacksonville District                             | <i>SHEET 1</i><br><i>OF 1</i> |
| 1. PROJECT<br>Nassua County Beach Nourishment  |                                   | 10. SIZE AND TYPE OF BIT See Remarks                                     |                               |
| 2. LOCATION (Coordinates or Station)<br>X=736,249, Y=249,170   |                                   | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL)<br>MLW (FEET)                 |                               |
| 3. DRILLING AGENCY<br>Corps of Engineers   |                                   | 12. MANUFACTURER'S DESIGNATION OF DRILL<br>Falling 1500                  |                               |
| 4. HOLE NO. (As shown on drawing title and file number)<br>CB-NC92-14                                  |                                   | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN<br>disturbed: 4 undisturbed: 0 |                               |
| 5. NAME OF DRILLER<br>R. Gordon  |                                   | 14. TOTAL NUMBER OF CORE BOXES 1   |                               |
| 6. DIRECTION OF HOLE<br><input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED |                                   | 15. ELEVATION GROUND WATER TIDAL   |                               |
| 7. THICKNESS OF BURDEN Ft.   |                                   | 16. DATE HOLE STARTED COMPLETED<br>10/26/92 10/26/92                     |                               |
| 8. DEPTH DRILLED INTO ROCK 0 Ft.   |                                   | 17. ELEVATION TOP OF HOLE -17.5 Ft.                                      |                               |
| 9. TOTAL DEPTH OF HOLE 10 Ft.  |                                   | 18. TOTAL CORE RECOVERY FOR BORING 34 %                                  |                               |
|  |                                   | 19. SIGNATURE OF GEOLOGIST<br>G. Holm                                    |                               |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description)   | CORE REC % | SAMPLE NUMBER | REMARKS Bit or Barrel | BLOWS/ft                         |
|-------|-------|--------|---|------------|---------------|-----------------------|----------------------------------|
| -17.5 | .0    |        |   |            |               | -17.5                 | 0                                |
| -18.5 | 1.0   |        | Sand, medium quartz, shelly, trace silt, gray (SP)  |            | 1             |                       | 4                                |
|       |       |        | SAND, fine to medium quartz, little shell, trace silt, gray (SP-SC)   | 24         | 2             | 2" SAMPLER            | 7<br>12<br>22<br>23              |
|       |       |        |   |            |               | -22.5                 |                                  |
|       |       |        |   |            | 3             |                       | 5<br>15                          |
| -24.5 | 7.0   |        | SAND, fine to medium quartz, silty, trace clay, trace shell, odor, gray (SM)  | 44         | 4             | 2" SAMPLER            | 11<br>8                          |
|       |       |        |   |            |               | -27.5                 | 9                                |
| -27.5 | 10.0  |        |   |            |               |                       | 10                               |
|       |       |        | NOTE:<br>Soils are field visually classified in accordance with the Unified Soils Classification System.<br><br>Samples recovered using a 2 inch (I.D.) sampler, 5 feet long, driven with a 300 pound hammer, 18 inch drop<br><br>SAMPLE      LABORATORY<br>ELEVATION    CLASSIFICATION<br><br>-18.5/-22.5    (SP- SM)*<br><br>NOTE:<br>* Visual classification based on Gradation Curve.<br>No Atterbert Limits. |            |               |                       | 12<br>15<br>18<br>21<br>24<br>27 |