

Hole No.CB-NC93-12

| DRILLING LOG | | DIVISION South Atlantic | INSTALLATION Jacksonville District | | SHEET 1 OF 1 | |
|--|--|----------------------------|--|--|-----------------|--|
| 1. PROJECT Nassau County beach nourishment | | | 10. SIZE AND TYPE OF BIT See Remarks | | | |
| 2. LOCATION (Coordinates or Station) X=751,000 Y=262,011 | | | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW (FEET) | | | |
| 3. DRILLING AGENCY Corps of Engineers | | | 12. MANUFACTURER'S DESIGNATION OF DRILL Failings 1400 | | | |
| 4. HOLE NO. (As shown on drawing title and file number) CB-NC93-12 | | | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 undisturbed: 0 | | | |
| 5. NAME OF DRILLER D. Justiss | | | 14. TOTAL NUMBER OF CORE BOXES 1 | | | |
| 6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | 15. ELEVATION GROUND WATER TIDAL | | | |
| 7. THICKNESS OF BURDEN Ft. | | | 16. DATE HOLE STARTED COMPLETED 3/6/93 3/6/93 | | | |
| 8. DEPTH DRILLED INTO ROCK 0 Ft. | | | 17. ELEVATION TOP OF HOLE -31.0 Ft. | | | |
| 9. TOTAL DEPTH OF HOLE 17 Ft. | | | 18. TOTAL CORE RECOVERY FOR BORING 69% % | | | |
| | | | 19. SIGNATURE OF GEOLOGIST J. Aurthur | | | |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS ddt or Barrel | BLOWS/ 1' |
|-------|-------|--------|---|------------------|------------------|--|-------------------------|
| -31.0 | 0 | | | | | | 0 |
| | | | Sand, fine, gray (SP) | 80 | 1 | 5' SPOON | 1 6 7 7 7 |
| -36.0 | 5.0 | | | | | -36.0 | 7 |
| | | | Sand, fine, silty, trace of clay (SM) | 56 | 2 | 5' SPOON | 8 7 3 2 1 |
| -41.0 | 10.0 | | | | | -41.0 | 9 |
| | | | Sand, fine, clayey, trace of shell fragments, dark gray (SC) | | 3 | | SETTLED 1 |
| -43.0 | 12.0 | | | | 4 | | 12 5 |
| | | | Sand, fine, silty, trace of clay and shell fragments (SM) | 71 | 5 | 5' SPOON | 1 1 15 SETTLED |
| -48.0 | 17.0 | | | | | -48.0 | 17 SETTLED |
| | | | NOTE: Soils are field visually classified in accordance with the Unified Soils Classification System. | | | 300# HAMMER WITH 18" DROP USED ON 5.0' SOLID SPOON (2" I.D. X 2" 1/2 O.D.) | 18 |
| | | | SAMPLE ELEVATION LABORATORY CLASSIFICATION -31.0 to -33.0 (SP)* | | | | 21 |
| | | | NOTE: * Classification based on Gradation Curve. No Atterberg Limits. | | | | 24 |
| | | | | | | | 27 |