

Hole No. CB-NC93-15

| 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=748,405 Y=261,955 | | | 11. DATUM FOR ELEVATION SHOWN (TBM or HSL) 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-NC93-15 | | | 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 3/5/93 3/5/93 | | | |
| 8. DEPTH DRILLED INTO ROCK 0 Ft. | | | 17. ELEVATION TOP OF HOLE -27.5 Ft. | | | |
| 9. TOTAL DEPTH OF HOLE 20 Ft. | | | 18. TOTAL CORE RECOVERY FOR BORING 61% % | | | |
| | | | 19. SIGNATURE OF GEOLOGIST J. Aurthur | | | |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS Bit or Barrel | BLOWS/ 1' SLOW |
|-------|-------|--------|---|------------------|------------------|--|---------------------------|
| -27.5 | 0 | | | | | | 0 |
| | | | Sand, fine, gray (SP) | 48 | 1 | 5' SPOON | 9 15 13 13 17 |
| -32.5 | 5.0 | | below -32.5, fine to medium, trace shell fragments | | | -32.5 | 7 10 15 12 10 |
| | | | | 72 | 2 | 5' SPOON | 3 10 8 4 4 |
| -39.1 | 11.6 | | Sand, fine to medium, clayey, trace of shell fragments, dark gray (SC) | 42 | 4 | 5' SPOON | 3 6 7 6 6 |
| -42.5 | 15.0 | | shelly below -42.5 | | 5 | | 3 6 7 6 6 |
| -43.0 | 15.5 | | Sand, fine to medium, silty, some shell fragments, dark gray (SM) | 80 | 6 | 5' SPOON | 21 24 27 |
| -45.7 | 18.2 | | Sand, fine to medium, clayey, trace shell fragments, dark gray (SC) | | 7 | -47.5 | |
| -47.5 | 20.0 | | 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.) | |
| | | | SAMPLE ELEVATION LABORATORY CLASSIFICATION | | | | |
| | | | -27.5 to -29.9 (SP-SM)* | | | | |
| | | | -32.5 to -34.2 (SP) | | | | |
| | | | -37.5 to -39.1 (SP) | | | | |
| | | | NOTE: * Classification based on Gradation Curve. No Atterberg Limits. | | | | |