

Hole No. CB-NC92-9

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|--|--|---------------------------------------|-----------------|
| DRILLING LOG | DIVISION South Atlantic | INSTALLATION Jacksonville District | SHEET 1 OF 1 |
| 1. PROJECT Nassua County Beach Nourishment | 10. SIZE AND TYPE OF BIT See Remarks | | |
| 2. LOCATION (Coordinates or Station) X=738,463, Y=249,530 | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW (FEET) | | |
| 3. DRILLING AGENCY Corps of Engineers | 12. MANUFACTURER'S DESIGNATION OF DRILL Failing 1500 | | |
| 4. HOLE NO. (As shown on drawing title and file number) CB-NC92-9 | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 3 undisturbed: 0 | | |
| 5. NAME OF DRILLER Mark Whitson | 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 9/22/92 9/22/92 | | |
| 8. DEPTH DRILLED INTO ROCK 0 Ft. | 17. ELEVATION TOP OF HOLE -17.3 Ft. | | |
| 9. TOTAL DEPTH OF HOLE 15 Ft. | 18. TOTAL CORE RECOVERY FOR BORING 45 % | | |
| | 19. SIGNATURE OF GEOLOGIST J. Gentile | | |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS Bit or Barrel | BLOWS/ Ft | | | | | | |
|--|---------------------------|------------------|---|------------|---------------|--------------------------|--------------------------|---------------------------|-------------|----------|-------------|-------|----------------------|
| -17.3 | .0 | | | | | -17.3 | 0 | | | | | | |
| | | [Dotted Pattern] | Sand, fine to medium quartz, trace to little shell, light gray (SP) | 46 | 1 | 2" SAMPLER | 3 9 18 22 23 | | | | | | |
| -22.8 | 5.5 | | SAND, fine quartz, little clay, trace shell, gray (SC) | 44 | 2 | 2" SAMPLER | 8 2 5 | | | | | | |
| -27.8 | 10.5 | | Clayey from -27.8 to -28.6 | | | | 4 | | | | | | |
| -28.6 | 11.3 | | -28.6 to -29.4, bed of (CH) clay | | | | 2 4 | | | | | | |
| -29.4 | 12.1 | | below -29.4, clayey, little shell | 46 | 3 | 2" SAMPLER | 12 2 1 4 | | | | | | |
| -32.3 | 15.0 | | | | | -32.3 | 15 | | | | | | |
| <p>NOTE: Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>Samples recovered using a 2 inch (I.D.) sampler, 5 feet long, driven with a 300 pound hammer, 18 inch drop</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">SAMPLE ELEVATION</td> <td style="width: 15%;">LABORATORY CLASSIFICATION</td> </tr> <tr> <td>-17.3/-22.3</td> <td>(SP-SM)*</td> </tr> <tr> <td>-22.3/-27.3</td> <td>(SM)*</td> </tr> </table> <p>NOTE: * Visual classification based on Gradation Curve. No Atterbert Limits.</p> | | | | | | | SAMPLE ELEVATION | LABORATORY CLASSIFICATION | -17.3/-22.3 | (SP-SM)* | -22.3/-27.3 | (SM)* | 18 21 24 27 |
| SAMPLE ELEVATION | LABORATORY CLASSIFICATION | | | | | | | | | | | | |
| -17.3/-22.3 | (SP-SM)* | | | | | | | | | | | | |
| -22.3/-27.3 | (SM)* | | | | | | | | | | | | |