

Hole No.CB-NAS98-9

| | | | |
|--|-----------------------------------|---|------------------------|
| DRILLING LOG | DIVISION South Atlantic | INSTALLATION Jacksonville District | SHEET 1 OF 1 |
| 1. PROJECT 1998 Nassau County Vibracore | | 10. SIZE AND TYPE OF BIT 3 1/2 Vibracore | |
| 2. LOCATION (Coordinates or Station) X=743,004 Y=254,992 | | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLLW | |
| 3. DRILLING AGENCY ARDAMAN & ASSOCIATES, INC. | | 12. MANUFACTURER'S DESIGNATION OF DRILL Alpine Pneumatic Drill | |
| 4. HOLE NO. (As shown on drawing title and file number) CB-NAS98-9 | | 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 1 undisturbed: 0 | |
| 5. NAME OF DRILLER O. Hernandez | | 14. TOTAL NUMBER OF CORE BOXES 2 | |
| 6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | 15. ELEVATION GROUND WATER Tide = +5.4 | |
| 7. THICKNESS OF BURDEN 19.8 Ft. | | 16. DATE HOLE STARTED COMPLETED 09/22/98 09/22/98 | |
| 8. DEPTH DRILLED INTO ROCK 0.0 Ft. | | 17. ELEVATION TOP OF HOLE -19.5 Ft. | |
| 9. TOTAL DEPTH OF HOLE 19.8 Ft. | | 18. TOTAL CORE RECOVERY FOR BORING 100 % | |
| | | 19. SIGNATURE OF GEOLOGIST KATHRYN R. BENNETT | |

| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS (Description) | CORE REC % | SAMPLE NUMBER | REMARKS |
|-------|-------|--------|---|------------------|------------------|---------|
| -19.5 | .0 | | SAND, fine grained, light brown, trace shell (SP) | | | -19.5 |
| -22.0 | 2.5 | | SAND, fine grained, gray (SP) | | | 0 |
| -24.0 | 4.5 | | SAND, grained, light brown (SP) | | | 2.5 |
| -26.2 | 6.7 | | SAND, fine grained, gray, laminations of dark gray clay, trace shell (SP) | | | 5 |
| -30.4 | 10.9 | | CLAY, dark gray, soft, laminations and lenses of sand and silty sand (CH) | | | 7.5 |
| -36.2 | 16.7 | | Clayey SAND, fine grained, dark gray, a little shell and trace shell gravel, laminations of SP sand (SC) | | | 10 |
| -37.1 | 17.6 | | CLAY, dark gray, soft, trace sand and silt (CH) | | | 12.5 |
| -38.1 | 18.6 | | Clayey SAND, dark gray, fine grained, trace shell and trace silt (SC) | | | 15 |
| -39.0 | 19.5 | | Clayey SAND, fine to medium grained, dark gray, some shell and trace shell gravel (SC) | | | 17.5 |
| -39.3 | 19.8 | | End of Boring at 19.8' | | | 20 |
| | | | | | | 22.5 |

NOTES:

1. Soils are field visually classified in accordance with the Unified Soils Classification System.

2. Laboratory Analysis Results

| Sample Depth | Classification |
|--------------|----------------|
| 1.5 - 2.0 | SP |
| 3.5 - 4.0 | SP |
| 5.5 - 6.0 | SP |
| 8.0 - 8.5 | SP |
| 10.5 - 11.0 | SP |
| 3.5 - 4.0 | SpG = 2.69 |

| Lat/Lon |
|-------------|
| 30 41 56.0N |
| 81 23 36.6W |