

# Hole No. CB-NAS98-30

<b>DRILLING LOG</b>	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=748,036 Y=252,989		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-NAS98-30		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 = +4.6	
7. THICKNESS OF BURDEN 19.8 Ft.		16. DATE HOLE STARTED COMPLETED 09/28/98 09/28/98	
8. DEPTH DRILLED INTO ROCK 0.0 Ft.		17. ELEVATION TOP OF HOLE -20.7 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																			
-20.7	.0					-20.7																			
			SAND, fine grained, light brown, trace shell (SP)			NOTES:  1. Soils are field visually classified in accordance with the Unified Soils Classification System.  2. Laboratory Analysis Results  <table style="font-size: small; margin-left: 20px;"> <thead> <tr> <th>Sample Depth</th> <th>Classification</th> </tr> </thead> <tbody> <tr><td>1.5 - 2.0</td><td>SP</td></tr> <tr><td>3.5 - 4.0</td><td>SP</td></tr> <tr><td>6.0 - 8.5</td><td>SP</td></tr> <tr><td>10.5 - 11.0</td><td>SP</td></tr> </tbody> </table> <table style="font-size: small; margin-left: 20px;"> <thead> <tr> <th>Lat/Lon</th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>30 42 35.8N</td><td></td><td></td></tr> <tr><td>81 22 39.1W</td><td></td><td></td></tr> </tbody> </table>	Sample Depth	Classification	1.5 - 2.0	SP	3.5 - 4.0	SP	6.0 - 8.5	SP	10.5 - 11.0	SP	Lat/Lon			30 42 35.8N			81 22 39.1W		
Sample Depth	Classification																								
1.5 - 2.0	SP																								
3.5 - 4.0	SP																								
6.0 - 8.5	SP																								
10.5 - 11.0	SP																								
Lat/Lon																									
30 42 35.8N																									
81 22 39.1W																									
-23.4	2.7		SAND, fine grained, gray, trace shell gravel (SP)																						
-25.2	4.5		SAND, fine grained, light gray, trace shell (SP)																						
-26.1	5.4		SAND, fine to medium grained, light brown to gray, lenses and laminations of dark gray, soft clay and shelly sand (SP)																						
-30.4	9.7		SAND, fine grained, light brown, trace shell (SP)																						
-31.7	11.0		SAND, fine grained, gray, lense of sand w/mostly shell (SP)																						
-33.2	12.5		SAND, fine grained, gray (SP-SM)																						
-34.1	13.4		SAND, fine grained, gray, laminations and lenses of clay and silty sand (SP)																						
-38.4	17.7		Mixture of dark gray, soft CH CLAY and silty fine grained gray to dark gray sand, laminations of light gray sand (SM)																						
-40.5	19.8		SAND, fine grained, gray to brown laminations of silty sand and clay (SP) End of Boring at 19.8'																						