

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=743,989 Y=254,953				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-NAS98-11				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 = +5.9													
7. THICKNESS OF BURDEN 19.3 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 -23.9 Ft.													
9. TOTAL DEPTH OF HOLE 19.3 Ft.				18. TOTAL CORE RECOVERY FOR BORING 98 %													
				19. SIGNATURE OF GEOLOGIST KATHRYN R. BENNETT													
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	LE SAMPLE NUMBER	REMARKS											
-23.9	.0					-23.9	0										
			SAND, fine grained, light brown, trace shell and trace shell gravel (SP)														
-26.8	2.9					NOTES:											
			SAND, fine grained, gray, trace shell and trace shell gravel (SP)			1. Soils are field visually classified in accordance with the Unified Soils Classification System.	2.5										
						2. Laboratory Analysis Results											
						<table border="1"> <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>5.5 - 6.0</td> <td>SP</td> </tr> <tr> <td>7.0 - 7.5</td> <td>SP</td> </tr> </tbody> </table>	Sample Depth	Classification	1.5 - 2.0	SP	3.5 - 4.0	SP	5.5 - 6.0	SP	7.0 - 7.5	SP	5
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30 41 55.5N																	
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-31.4	7.5						7.5										
			CLAY, dark gray, soft, lenses and laminations of sand, and sand with trace shell (CH)														
							10										
-37.0	13.1						12.5										
			Clayey SAND, fine grained, dark gray to green, trace shell and silt (SC)														
-38.6	14.7																
			CLAY, firm, dark gray, trace sand (CH)				15										
-39.8	15.9																
			Silty SAND, dark gray, fine to coarse grained, some shell and trace shell gravel, trace clay (SM)														
-40.6	16.7																
-41.4	17.5		CLAY, dark gray, soft (CH)				17.5										
-42.2	18.3		Clayey SAND, green, fine grained (SC)														
			Clayey SAND, light brown-green, fine to coarse grained, mostly shell and a little shell gravel (SC)				20										
-43.2	19.3		End of Boring at 19.3'				22.5										