

## Hole No.CB-NAS98-31

<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=749,035 Y=258,009		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-NAS98-31		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 = +0.7		
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 -30.5 Ft.		
9. TOTAL DEPTH OF HOLE 19.8 Ft.		18. TOTAL CORE RECOVERY FOR BORING 98 %		
		19. SIGNATURE OF GEOLOGIST KATHRYN R. BENNETT		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS															
-30.5	.0					-30.5	0														
			SAND, fine grained, light brown (SP)			<p>NOTES:</p> <p>1. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>2. Laboratory Analysis Results</p> <table><tr><td>Sample Depth</td><td>Classification</td></tr><tr><td>0.5 - 1.0</td><td>SP</td></tr><tr><td>3.0 - 3.5</td><td>SP</td></tr><tr><td>5.0 - 5.5</td><td>SP</td></tr></table> <p>Lat/Lon</p> <table><tr><td>30</td><td>41</td><td>35.8N</td></tr><tr><td>81</td><td>22</td><td>39.1W</td></tr></table>	Sample Depth	Classification	0.5 - 1.0	SP	3.0 - 3.5	SP	5.0 - 5.5	SP	30	41	35.8N	81	22	39.1W	2.5
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0.5 - 1.0	SP																				
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5.0 - 5.5	SP																				
30	41	35.8N																			
81	22	39.1W																			
-32.5	2.0		SAND, fine grained, gray, lenses and laminations of dark gray clay (SP)																		
-36.2	5.7							5													
			CLAY, dark gray, soft, lenses of sand and slightly silty sand, trace shell gravel (CH)																		
-38.0	7.5						7.5														
			Silty SAND, fine grained, dark gray, lenses of dark gray CH clay and sand (SM)																		
-40.5	10.0						10														
			Silty SAND, fine grained, dark gray, trace shell gravel, a little shell (SM)																		
-42.3	11.8						12.5														
			Silty SAND, fine grained, dark gray, trace shell (SM)																		
-45.2	14.7						15														
			SAND, fine grained, brown to gray, trace silt (SP)																		
-47.1	16.6						17.5														
			Silty SAND, fine grained, dark gray, laminations of sand and dark gray CH clay (SM)																		
-50.3	19.8						20														
			End of Boring at 19.8'				22.5														