

DRILLING LOG		DIVISION:		INSTALLATION:		SHEET 1 of 1	
1. PROJECT MARCO PASS SHOAL				10. SIZE AND TYPE OF BIT 4"			
(Coordinates or Station)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
2. LOCATION NAD83 FL East X=406831 Y=597644				NGVD			
3. DRILLING AGENCY: Athena Technologies				12. MANUFACTURER'S DESIGNATION OF DRILL Athena Technologies			
4. HOLE NO. (As shown on drawing title and file number) MPVC-03-13				13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0			
5. NAME OF DRILLER Walter J. Sexton				14. TOTAL NO. OF CORE BOXES			
6. DIRECTION OF HOLE VERTICAL				15. ELEVATION GROUND WATER			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE Started Completed 3/28/03 07:35			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -12.0 FT			
9. TOTAL DEPTH OF HOLE 19.5 FT				18. TOTAL CORE RECOVERY FOR BORING 84%			
				19. SIGNATURE OF GEOLOGIST ML/JB			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-12	0						
-13.6	1		SAND, fine grained, quartz, trace shell hash, little shell hash from 0.9'-1.3', white (5Y-8/1), (SW).		1	Sample #1, Depth = 0.9 Mean (mm): 0.20, Phi Sorting: 1.48 Shell: 14.87%, Silt: 1.60% (SW)	
-15.1	2		SAND, fine grained, quartz, trace silt, little shell hash/shell fragments, light olive gray (5Y-6/2), (SW-SM).		2	Sample #2, Depth = 2.4 Mean (mm): 0.35, Phi Sorting: 2.72 Shell: 24.41%, Silt: 6.16% (SW-SM)	
-16	3		SHELLY SAND, fine grained, trace silt, olive gray (5Y-5/2), (SW-SM).		3	Sample #3, Depth = 3.5 Mean (mm): 0.62, Phi Sorting: 3.24 Shell: 33.37%, Silt: 7.66% (SW-SM)	
-18.9	4						
	5		SAND, fine grained, quartz, trace silt, trace shell hash, light olive gray (5Y-5/2), (SW-SM).		2		
	6						
-21.7	7		SAND, fine grained, quartz, little silt/clay, some shell hash/shell fragments/whole shells up to 0.5", olive gray (5Y-5/2), (SM).		4	Sample #4, Depth = 8.0 Mean (mm): 0.51, Phi Sorting: 3.39 Shell: 34.87%, Silt: 15.40% (SM)	
	8						
	9						
-25.2	10		CLAYEY SHELLS, shell hash/shell fragments/whole shells up to 2.0", olive gray (5Y-5/2), (GC).				
	11						
	12						
-28.4	13		CARBONATE CLASTS up to 3.0", some calcarious silt, partially lithified, white (5Y-8/1), (GC).				
	14						
	15						
	16						
-31.5	17		No Recovery				
	18						
	19						
	20		End of Boring				
	21		Note:				
	22		1) Soils are field visually classified in accordance with the Unified Soil Classification System.				
	23						
	24						