

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=406647 Y=598617				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-03-11				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 3/26/03 15:37			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -9.8 FT			
9. TOTAL DEPTH OF HOLE 17.0 FT				18. TOTAL CORE RECOVERY FOR BORING 92.9%			
				19. SIGNATURE OF GEOLOGIST ML/JB			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-9.8	0						
	1						
	2		SAND, fine grained, quartz, trace silt, white (5Y-8/1), (SP).		1	Sample #1, Depth = 2.5 Mean (mm): 0.14, Phi Sorting: 0.43 Shell: 1.73%, Silt: 1.71% (SP)	
	3						
-14.2	4						
	5		SAND, fine grained, quartz, trace silt, trace clay, trace shell hash/shell fragments, olive gray (5Y-5/2), (SM).		2	Sample #2, Depth = 6.3 Mean (mm): 0.13, Phi Sorting: 0.65 Shell: 4.36%, Silt: 6.12% (SW-SM)	
-16.7	6						
	7		SHELLY SAND, fine to very fine grained, quartz, trace silt, shell fragments/whole shells up to 1.5", light olive gray (5Y-6/2), (GW).		3	Sample #3, Depth = 7.5 Mean (mm): 0.50, Phi Sorting: 2.95 Shell: 33.76%, Silt: 7.94% (SW-SM)	
-17.8	8						
	9		SANDY SILT, 2.0" clay layer at 8.9', trace shell hash/shell fragments up to 0.5", olive gray (5Y-5/2), (ML).		4	Sample #4, Depth = 9.0 Mean (mm): 0.09, Phi Sorting: 0.65 Shell: 0.95%, Silt: 36.58% (SM)	
-20.4	10						
	11						
	12		SHELLY CLAY, whole shell/shell fragments/shell hash up to 2.0", olive gray (5Y-5/2), (GC).				
-25.2	13						
	14						
	15						
	16		CARBONATE CLASTS, up to 3.0", some clay, olive gray (5Y-5/2), (GC).				
-26.8	17		No Recovery				
	18		End of Boring				
	19						
	20						
	21		Note:				
	22		1) Soils are field visually classified in accordance with the Unified Soil Classification System.				
	23						
	24						