

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=408998 Y=598723				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-03-09				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 13:48			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -9.3 FT			
9. TOTAL DEPTH OF HOLE 18.0 FT				18. TOTAL CORE RECOVERY FOR BORING 81.7%			
				19. SIGNATURE OF GEOLOGIST ML/JB			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-9.3	0						
	1		SAND, fine grained, quartz, trace silt, trace shell hash, light gray (5Y-7/2), (SP).		1	Sample #1, Depth = 2.0 Mean (mm): 0.15, Phi Sorting: 0.43 Shell: 1.79%, Silt: 1.70% (SP)	
-12.5	3		SAND, fine grained, quartz, little silt, trace shell hash/shell fragments, light olive gray (5Y-6/2), (SM).		2	Sample #2, Depth = 3.7 Mean (mm): 0.12, Phi Sorting: 0.65 Shell: 2.72%, Silt: 7.15% (SW-SM)	
-13.8	4						
	5		SAND, fine to very fine grained, quartz, little silt, some shell fragments/shell hash up to 0.5", gray (5Y-6/1), (SM).		3	Sample #3, Depth = 5.4 Mean (mm): 0.18, Phi Sorting: 1.66 Shell: 10.77%, Silt: 6.43% (SW-SM)	
-15.3	6						
	7		SAND, fine grained, quartz, trace silt, trace shell hash, light gray (5Y-7/1), (SP).		1		
-17.6	8						
	9		SAND, little silt and clay, trace whole shells/shell fragments up to 0.5", gray (5Y-6/1), (SM).		4	Sample #4, Depth = 9.0 Mean (mm): 0.11, Phi Sorting: 0.57 Shell: 1.44%, Silt: 10.87% (SM)	
-18.9	10						
	11		SHELLY CLAY, whole shells/shell fragments/shell hash up to 3.5", gray (5Y-6/1), (GC).				
-24	12						
	13						
	14						
	15						
	16		No Recovery				
-27.3	17						
	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						