

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=407215 Y=598986				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-03-14				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 08:33			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -9.9 FT			
9. TOTAL DEPTH OF HOLE 20.0 FT				18. TOTAL CORE RECOVERY FOR BORING 97%			
				19. SIGNATURE OF GEOLOGIST ML/JB			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-9.9	0					
	1		SAND, fine grained, quartz, trace clay laminae, trace shell fragments, 1" silty pocket at 0.4', white (5Y-8/1), (SP).		1	Sample #1, Depth = 1.5 Mean (mm): 0.14, Phi Sorting: 0.45 Shell: 2.16%, Silt: 1.66% (SP)
-12.8	2					
	3		SAND, fine grained, quartz, trace silt, trace shell hash/shell fragments, light olive gray (5Y-6/2), (SW-SM).		2	Sample #2, Depth = 3.5 Mean (mm): 0.11, Phi Sorting: 0.52 Shell: 0.57%, Silt: 5.38% (SW-SM)
-13.8	4					
	5		SAND, fine grained, quartz, little clay, trace shell hash, olive gray (5Y-5/2), (SC).		3	Sample #3, Depth = 4.3 Mean (mm): 0.11, Phi Sorting: 0.65 Shell: 1.89%, Silt: 13.55% (SM)
-15	6					
	7		SHELLY SILTY SAND, some clay, shell fragments up to 1.0", olive gray (5Y-5/2), (GM-GC).		2	
-17.3	8					
	9		SAND, fine grained, quartz, trace silt, trace shell hash/shell fragments, light olive gray (5Y-6/2), (SW-SM).		3	
-19.3	10					
	11		SAND, fine grained, quartz, little clay, trace shell hash/shell fragments, olive gray (5Y-5/2), (SC).			
	12					
	13		SHELLY CLAYEY SAND, whole shells/shell fragments up to 3.0", olive gray (5Y-5/2), (GM-GC).		4	Sample #4, Depth = 12.5 Mean (mm): 0.43, Phi Sorting: 3.05 Shell: 33.54%, Silt: 18.61% (SM)
	14					
	15					
	16					
	17					
-27.8	18					
-28.4	19		ORGANICS, some clay, trace sand, black (10YR-2/1), (PT).			
-29.3	20		SAND, fine grained, quartz, trace clay laminae, white (5Y-8/1), (SP).		1	
-29.9	21		No Recovery			
	22		Note: End of Boring 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	23					
	24					