

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=405779 Y=598240			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-03-12			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 06:54			
8. DEPTH DRILLED INTO ROCK N/A			17. ELEVATION TOP OF HOLE -10.2 FT			
9. TOTAL DEPTH OF HOLE 20.0 FT			18. TOTAL CORE RECOVERY FOR BORING 93.5%			
			19. SIGNATURE OF GEOLOGIST ML/JB			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-10.2	0					
	1		SAND, fine grained, quartz, 1" silty pockets at 3.0' and 3.4', white (5Y-8/1), (SP).		1	Sample #1, Depth = 2.0 Mean (mm): 0.13, Phi Sorting: 0.42 Shell: 1.02%, Silt: 2.02% (SP)
-14	2					
	3					
	4		SAND, fine grained, quartz, trace silt, light gray (5Y-7/1), (SW-SM).		2	Sample #2, Depth = 4.5 Mean (mm): 0.12, Phi Sorting: 0.50 Shell: 0.62%, Silt: 4.56% (SW-SM)
-15.5	5					
	6		fine grained, quartz, little silt, trace shell fragments, light olive gray (5Y-6/2), (SM).		3	Sample #3, Depth = 6.0 Mean (mm): 0.12, Phi Sorting: 0.57 Shell: 2.11%, Silt: 8.09% (SW-SM)
-17.3	7					
	8		fine grained, quartz, trace silt, trace shell hash/shell fragments, light gray (5Y-7/1), (SW-SM).		2	
-18.3	9					
	10		SAND, fine grained, little silt, trace shell fragments, olive gray (5Y-5/2), (SM).		4	Sample #4, Depth = 9.4 Mean (mm): 0.11, Phi Sorting: 0.70 Shell: 3.81%, Silt: 11.77% (SM)
-20.3	11					
	12					
	13		SHELLY CLAY, whole shells/shell fragments up to 2.0", organic pocket from 15.7'-16.0', light olive gray (5Y-6/2), (GM-GC).			
-26.2	14					
	15					
	16					
	17		CARBONATE CLASTS up to 3.0", some calcareous clay, white (5Y-8/1), (GC).			
-28.9	18					
	19		No Recovery			
-30.2	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	22					
	23					
	24					