

DRILLING LOG		DIVISION:	INSTALLATION:	SHEET 1 of 1
1. PROJECT		MARCO PASS SHOAL		
2. LOCATION (Coordinates or Station)		NAD83 FL East X=408749 Y=601859		
3. DRILLING AGENCY: Athena Technologies		10. SIZE AND TYPE OF BIT 4"		
4. HOLE NO. (As shown on drawing title and file number)		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
MPVC-03-05		12. MANUFACTURER'S DESIGNATION OF DRILL Athena Technologies		
5. NAME OF DRILLER Walter J. Sexton		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0		
6. DIRECTION OF HOLE VERTICAL		14. TOTAL NO. OF CORE BOXES		
7. THICKNESS OF BURDEN 0.0 FT		15. ELEVATION GROUND WATER		
8. DEPTH DRILLED INTO ROCK N/A		16. DATE HOLE Started Completed 3/25/03 17:18		
9. TOTAL DEPTH OF HOLE 20.0 FT		17. ELEVATION TOP OF HOLE -5.3 FT		
		18. TOTAL CORE RECOVERY FOR BORING 98.5%		
		19. SIGNATURE OF GEOLOGIST ML/JB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-5.3	0					
-6.3	1		SAND, fine grained, quartz, trace shell hash, pale yellow (5Y-8/2), (SP).		1	
-7	2		SAND, fine grained, quartz, trace silt, some shell hash/shell fragment/whole shell, pale yellow (5Y-8/2), (SW).		2	Sample #2, Depth = 1.4 Mean (mm): 0.26, Phi Sorting: 1.62 Shell: 17.48%, Silt: 1.63% (SW)
-9.1	3		SAND, fine grained, quartz, trace shell hash, pale yellow (5Y-8/2), (SP).		1	Sample #1, Depth = 2.5 Mean (mm): 0.12, Phi Sorting: 0.47 Shell: 1.02%, Silt: 3.72% (SW-SM)
-11	4		fine grained, quartz, trace silt, trace shell hash, light olive gray (5Y-6/2), (SW-SM).		3	Sample #3, Depth = 4.5 Mean (mm): 0.12, Phi Sorting: 0.47 Shell: 1.18%, Silt: 4.05% (SW-SM)
-15.9	5					
	6					
	7					
	8		SAND, fine grained, quartz, little clay, little shell hash/shell fragments, olive gray (5Y-5/2), (SC).		4	Sample #4, Depth = 8.0 Mean (mm): 0.28, Phi Sorting: 2.84 Shell: 21.86%, Silt: 16.59% (SM)
	9					
	10					
	11					
	12					
	13					
	14		SHELLY CLAY, whole shell/shell fragments up to 3.0", large 4" bivalve at 17.8', olive gray (5Y-5/2), (GM-GC).			
	15					
	16					
	17					
-23.6	18					
	19		SAND, fine grained, quartz, trace clay laminae, pale yellow (5Y-8/2), (SP).			
-25	20		No Recovery			
-25.3	21		Note: End of Boring			
	22		1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
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