

DRILLING LOG		DIVISION:	INSTALLATION:	SHEET 1 of 1
1. PROJECT		10. SIZE AND TYPE OF BIT 4"		
MARCO PASS SHOAL				
2. LOCATION		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		
(Coordinates or Station)		NGVD		
NAD83 FL East X=408291 Y=598552				
3. DRILLING AGENCY: Athena Technologies		12. MANUFACTURER'S DESIGNATION OF DRILL		
		Athena Technologies		
4. HOLE NO.		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN		
(As shown on drawing title and file number)		Disturbed: 0 Undisturbed: 0		
MPVC-03-06				
5. NAME OF DRILLER		14. TOTAL NO. OF CORE BOXES		
Walter J. Sexton				
6. DIRECTION OF HOLE		15. ELEVATION GROUND WATER		
VERTICAL				
7. THICKNESS OF BURDEN 0.0 FT		16. DATE HOLE		
		Started Completed		
		3/26/03 11:19		
8. DEPTH DRILLED INTO ROCK N/A		17. ELEVATION TOP OF HOLE -7.9 FT		
9. TOTAL DEPTH OF HOLE 20.0 FT		18. TOTAL CORE RECOVERY FOR BORING 92.5%		
		19. SIGNATURE OF GEOLOGIST ML/JB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-7.9	0					
	1		SHELLY SAND, predominantly shell hash, shell fragments/whole shells up to 0.5", trace silt, pale yellow (5Y-8/2), (GW).		1	Sample #1, Depth = 1.5 Mean (mm): 0.55, Phi Sorting: 2.56 Shell: 33.28%, Silt: 1.63% (SW)
-10.7	2					
-11.6	3		SAND, fine grained, quartz, trace silt, light gray (5Y-7/1), (SP).		2	Sample #2, Depth = 3.4 Mean (mm): 0.13, Phi Sorting: 0.49 Shell: 3.16%, Silt: 3.28% (SP)
	4					
	5		SAND, fine grained, quartz, trace silt, trace shell fragments up to 1.0", light olive gray (5Y-6/2), (SW-SM).		3	Sample #3, Depth = 4.6 Mean (mm): 0.11, Phi Sorting: 0.72 Shell: 3.31%, Silt: 10.99% (SM)
-14	6					
	7		SAND, fine grained, quartz, trace silt, 2.0" whole shell at 6.3', light gray (5Y-7/1), (SP).		2	
-16.7	8					
-17.9	9		SAND, fine grained, quartz, little clay, trace shell hash, olive gray (5Y-5/2), (SC).		4	Sample #4, Depth = 9.5 Mean (mm): 0.10, Phi Sorting: 0.68 Shell: 2.16%, Silt: 16.89% (SM)
	10					
	11					
	12					
	13		SHELLY CLAY, whole shells/shell fragments/shell hash up to 2.0", gray (5Y-5/1), (GM-GC).			
-23.8	14					
	15					
	16					
-26.4	17		CLAYEY SAND, trace shell hash/shell fragments, dark gray (5Y-4/1), (SC).			
	18					
-27.9	19		No Recovery			
	20		End of Boring			
	21		Note:			
	22		1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	23					
	24					