

DRILLING LOG		DIVISION:	INSTALLATION:	SHEET 1 of 1
1. PROJECT		MARCO PASS SHOAL		
2. LOCATION		(Coordinates or Station) NAD83 FL East X=407922 Y=599232		
3. DRILLING AGENCY:		Athena Technologies		
4. HOLE NO.		(As shown on drawing title and file number) MPVC-03-07		
5. NAME OF DRILLER		Walter J. Sexton		
6. DIRECTION OF HOLE		VERTICAL		
7. THICKNESS OF BURDEN		0.0 FT		
8. DEPTH DRILLED INTO ROCK		N/A		
9. TOTAL DEPTH OF HOLE		20.0 FT		
10. SIZE AND TYPE OF BIT		4"		
11. DATUM FOR ELEVATION SHOWN		(TBM or MSL) NGVD		
12. MANUFACTURER'S DESIGNATION OF DRILL		Athena Technologies		
13. TOT NO. OF OVERBURDEN SAMPLES TAKEN		Disturbed: 0 Undisturbed: 0		
14. TOTAL NO. OF CORE BOXES				
15. ELEVATION GROUND WATER				
16. DATE HOLE		Started 3/26/03 12:01 Completed		
17. ELEVATION TOP OF HOLE		-11.0 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
-11	0					
	1		SAND, fine grained, quartz, trace silt, trace shell hash, gray (5Y-6/1), (SP).		1	Sample #1, Depth = 1.0 Mean (mm): 0.12, Phi Sorting: 0.46 Shell: 1.41%, Silt: 3.26% (SP)
-13.2	2		SAND, fine grained, quartz, little silt, trace clay, trace shell hash, gray (5Y-6/1), (SM).		2	Sample #2, Depth = 2.5 Mean (mm): 0.11, Phi Sorting: 0.68 Shell: 2.51%, Silt: 11.30% (SM)
-14.1	3		little silt, trace clay, some shell hash/shell fragments up to 0.5", gray (5Y-6/1), (SM).		3	Sample #3, Depth = 3.5 Mean (mm): 0.47, Phi Sorting: 2.85 Shell: 39.67%, Silt: 11.38% (SM)
-15.3	4		SAND, fine grained, quartz, little silt, gray (5Y-6/1), (SM).		4	Sample #4, Depth = 4.7 Mean (mm): 0.15, Phi Sorting: 1.03 Shell: 25.99%, Silt: 4.58% (SW-SM)
-16.3	5		SAND, fine grained, little clay, trace shell fragments up to 1.0", gray (5Y-6/1), (SC).		5	Sample #5, Depth = 6.0 Mean (mm): 0.12, Phi Sorting: 0.62 Shell: 4.59%, Silt: 9.82% (SW-SM)
-18.6	6					
	7					
	8					
	9					
	10					
	11		SHELLY CLAY, whole shells/shell fragments up to 2.0", some fine grained sand, gray (5Y-6/1), (GC).			
	12					
	13					
-25	14					
	15		SILTY CLAY, little whole shells/shell fragments/shell hash up to 1.0", very dark gray (5Y-3/1), (ML-CL).			
-28	16					
	17					
	18		CLAY, partially lithified from 18.5'-19.3', olive yellow (5Y-6/6), (CL).			
	19					
-30.7	20		No Recovery			
-31	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	22					
	23					
	24					