

<b>DRILLING LOG</b>		<b>DIVISION:</b>	<b>INSTALLATION:</b>	<b>SHEET 1 of 1</b>
<b>1. PROJECT</b>		MARCO PASS SHOAL		
<b>2. LOCATION</b> (Coordinates or Station)		NAD83 FL East X=406323 Y=597409		
<b>3. DRILLING AGENCY:</b> Athena Technologies		<b>10. SIZE AND TYPE OF BIT 4"</b>		
<b>4. HOLE NO.</b> (As shown on drawing title and file number)		<b>11. DATUM FOR ELEVATION SHOWN</b> (TBM or MSL) NGVD		
MPVC-03-01		<b>12. MANUFACTURER'S DESIGNATION OF DRILL</b> Athena Technologies		
<b>5. NAME OF DRILLER</b> Walter J. Sexton		<b>13. TOT NO. OF OVERBURDEN SAMPLES TAKEN</b> Disturbed: 0 Undisturbed: 0		
<b>6. DIRECTION OF HOLE</b> VERTICAL		<b>14. TOTAL NO. OF CORE BOXES</b>		
<b>7. THICKNESS OF BURDEN</b> 0.0 FT		<b>15. ELEVATION GROUND WATER</b>		
<b>8. DEPTH DRILLED INTO ROCK</b> N/A		<b>16. DATE HOLE</b> Started Completed 3/25/03 13:24		
<b>9. TOTAL DEPTH OF HOLE</b> 17.5 FT		<b>17. ELEVATION TOP OF HOLE</b> -8.8 FT		
		<b>18. TOTAL CORE RECOVERY FOR BORING</b> 96%		
		<b>19. SIGNATURE OF GEOLOGIST</b> ML/JB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-8.8	0					
	1					
	2					
	3		SAND, fine grained, quartz, clean, trace clay burrows, white (5Y-8/1), (SP).		1	Sample #1, Depth = 3.0 Mean (mm): 0.14, Phi Sorting: 0.42 Shell: 1.66%, Silt: 1.96% (SP)
	4					
-14.4	5					
	6		SAND, fine grained, quartz, trace silt, trace shell fragments, gray (5Y-6/1), (SW-SM).		2	Sample #2, Depth = 6.0 Mean (mm): 0.12, Phi Sorting: 0.59 Shell: 1.34%, Silt: 6.98% (SW-SM)
-15.4	7		SHELLY SAND, little silt, whole shell/shell fragments up to 1", gray (5Y-6/1), (GM).		3	Sample #3, Depth = 7.3 Mean (mm): 0.47, Phi Sorting: 2.85 Shell: 27.58%, Silt: 7.52% (SW-SM)
-16.6	8		SAND, fine grained, quartz, clean, trace clay burrows, white (5Y-8/1) (SP).		1	
	9		SAND, fine grained, quartz, trace silt, gray (5Y-6/1), (SW-SM).		4	Sample #4, Depth 9.0 Mean (mm): 0.11, Phi sorting: 0.53 Shell: 0.88%, Silt: 6.34% (SW-SM)
-19.7	10					
	11		SAND, fine grained, quartz, little clay, little shell fragments up to 0.5", gray (5Y-5/1), (SC).		5	Sample #5, Depth 11.5 Mean (mm): 0.25, Phi sorting: 2.65 Shell: 17.32%, Silt: 13.53% (SM)
-21	12					
	13		SHELLY CLAY, some sand, shell fragments up to 1.0", gray (5Y-5/1), (GC).			
	14					
	15					
-25.6	16					
-26.3	17		No Recovery			
	18		End of Boring			
	19					
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	22					
	23					
	24					

# MPVC-03-01

