

<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=408918 Y=598028		
<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-03-03		<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 15:34		
<b>9. TOTAL DEPTH OF HOLE</b> 20.0 FT		<b>17. ELEVATION TOP OF HOLE</b> -6.2 FT		
		<b>18. TOTAL CORE RECOVERY FOR BORING</b> 79%		
		<b>19. SIGNATURE OF GEOLOGIST</b> ML/JB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-6.2	0					
	1					
	2		SAND, fine grained, quartz, trace silt, trace shell fragments/shell hash, pale yellow (5Y-8/2), (SP).		1	Sample #1, Depth = 2.5 Mean (mm): 0.18, Phi Sorting: 0.92 Shell: 7.18%, Silt: 2.19% (SW)
	3					
	4					
-11.4	5					
-12	6		SAND, fine grained, quartz, trace silt, trace shell hash, gray (5Y-6/1), (SW-SM).		2	Sample #2, Depth = 5.6 Mean (mm): 0.11, Phi Sorting: 0.55 Shell: 1.52%, Silt: 5.29% (SW-SM)
	7		fine grained, quartz, little silt, little shell hash/shell fragments/whole shell grading to some shell hash/shell fragments/whole shell near bottom, shell fragments/whole shell up to 1.5", gray (5Y-6/1), (SW-SM).		3	Sample #3, Depth = 6.6 Mean (mm): 0.21, Phi Sorting: 2.44 Shell: 12.08%, Silt: 7.98% (SW-SM)
-13.8	8					
	9		fine grained, quartz, trace silt, trace shell hash, 0.5" silty pockets atr 7.7', 8.1', and 9.0', light gray (5Y-7/2), (SP).		4	Sample #4, Depth = 9.0 Mean (mm): 0.12, Phi Sorting: 0.55 Shell: 2.21%, Silt: 6.27% (SW-SM)
	10					
-17	11					
	12		fine grained, quartz, little silt, trace shell fragments, gray (5Y-6/1), (SW-SM).		3	
-18.5	13					
	14		SAND, quartz, little clay, little shell fragments/shell hash/whole shells up to 2", gray (5Y-5/1), (SC).		5	Sample #5, Depth = 13.0 Mean (mm): 0.36, Phi sorting: 3.50 Shell: 22.47%, Silt: 15.61% (SM)
-21.7	15					
	16		SAND, fine grained, quartz, trace silt, light gray (5Y-7/2), (SP).			
	17					
	18		No Recovery			
	19					
-26.2	20					
	21		End of Boring			
	22		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	23					
	24					

# MPVC-03-03

