

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT AMI 2013 Sand Search Anna Maria Island, FL			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION AMVC-13-09			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY Athena Technologies, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL Electric	
4. NAME OF DRILLER Palmer McLellan			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING 01-24-13 09:19	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -10.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.5 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR LC	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-10.9	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-13.3	2.4		SAND, some shell hash, trace shell fragments, trace silt, shell frags up to 1.75", light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 1.0' Mean (mm): 0.30, Phi Sorting: 1.18 Fines (230): 0.64% (SW)
-15.5	4.6		SAND, trace shell fragments, trace shell hash, trace silt, shell frags up to 0.5", 1.0" whole shell @ 4.8', white (5Y-8/1), (SP).		2	Sample #2, Depth = 3.4' Mean (mm): 0.18, Phi Sorting: 0.58 Fines (230): 1.08% (SP)
-16.1	5.2		SAND, some shell hash, trace shell fragments, trace silt, shell frags up to 0.5", 0.5" whole shell @ 4.7', light gray (5Y-7/1), (SW).		1	
-16.9	6.0		SHELL HASH, some sand, trace shell fragments, shell frags up to 0.5", 2.0" whole shell @ 5.5', gray (5Y-6/1), (GW).		VC8 S#5	
-18.0	7.1		SAND, little shell hash, trace shell fragments, trace silt, shell frags up to 1.5", light gray (5Y-7/1), (SP).		2	Sample #3, Depth = 8.0' Mean (mm): 0.52, Phi Sorting: 1.55 Fines (230): 1.05% (SW)
-19.1	8.2		SHELL HASH, some sand, trace shell fragments, shell frags up to 0.75", 1.0" whole shell @ 7.4', gray (2.5Y-6/1), (GW).		3	Sample #4, Depth = 8.5' Mean (mm): 0.19, Phi Sorting: 0.85 Fines (230): 1.67% (SP)
-19.6	8.7		SAND, trace shell fragments, shell frags up to 0.5", (2.5"x0.5") silt pocket @ 8.8', olive gray (5Y-5/2), (SP).		4	
-20.2	9.3		SHELL HASH, some sand, trace shell fragments, shell frags up to 0.5", light gray (5Y-7/1), (SW).		3	
-22.2	11.3		SHELL HASH, some shell fragments, little sand, shell frags up to 1.0", 2.0" whole shell @ 9.7', gray (5Y-5/1), (GW).		VC8 S#5	
-24.2	13.3		SAND, trace shell hash, trace silt, 0.5" clayey pocket @ 12.4', gray (2.5Y-6/1), (SP).		5	Sample #5, Depth = 12.2' Mean (mm): 0.14, Phi Sorting: 0.37 Fines (230): 1.49% (SP)
-24.8	13.9		SAND, trace silt, (3.0"x0.5") silty pocket @ 13.4', (3.0"x2.0") pocket of shell frags up to 0.5" @ 13.9', gray (2.5Y-5/1), (SW).		6	Sample #6, Depth = 13.6' Mean (mm): 0.16, Phi Sorting: 0.99 Fines (230): 2.73% (SW)
-26.8	15.9		SAND, some silt, trace shell fragments, trace shell hash, trace whole shell, gray (5Y-5/1), (SM).			
-27.2	16.3		Silty SAND, little shell fragments, trace rock fragments, rock frags up to 2.0", gray (2.5Y-6/1), (GW).			
-27.7	16.8		Clayey SAND, little shell fragments, olive gray (5Y-4/2), (SC).			
-29.2	18.3		SAND, some silt, trace shell fragments, light gray (2.5Y-7/1), (SM).			
-29.8	18.9		Silty SAND, fine grained, quartz, some shell hash, gray (5Y-5/1), (SM).			
-30.4	19.5		SAND, some silt, trace shell fragments, trace whole shell, light gray (5Y-7/1), (SM).			
-30.9	20.0		No Recovery.			