

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-13-18			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 15:00	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -10.6 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.7 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
-10.6	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-14.3	3.7		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace whole shell, shell frags up to 0.5", whole shells up to 1.0", (2.5"x2.0") shell hash pocket @ 1.6", 2.0" pocket of shell frags @ 2.5", light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 1.2' Mean (mm): 0.34, Phi Sorting: 1.36 Fines (230): 0.77% (SW)
-14.7	4.1		Sandy SHELL HASH, trace shell fragments, shell frags up to 0.5", gray (5Y-6/1), (SW).		2	Sample #2, Depth = 3.8' Mean (mm): 0.52, Phi Sorting: 1.43 Fines (230): 1.55% (SW)
-16.3	5.7		SAND, fine grained, quartz, little shell hash, 1.0" shell frag @ 5.2", light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 4.7' Mean (mm): 0.26, Phi Sorting: 1.19 Fines (230): 1.39% (SW)
-16.8	6.2		Sandy SHELL HASH, trace shell fragments, trace whole shell, shell frags up to 0.5", whole shells up to 1.0", gray (5Y-6/1), (SW).		2	
-17.9	7.3		SAND, fine grained, quartz, little shell hash, trace shell fragments, shell frags up to 0.5", 1.0" whole shell @ 6.6", 2.0" silty pocket @ 6.9", light gray (5Y-7/1), (SW).		3	
-21.7	11.1		SHELL HASH, some sand, little shell fragments, trace whole shell, shell frags and whole shells up to 1.0", gray (5Y-6/1), (GW).		4	Sample #4, Depth = 9.4' Mean (mm): 1.16, Phi Sorting: 1.74 Fines (230): 1.53% (SW)
-24.5	13.9		SAND, fine grained, quartz, little shell hash, trace clay, trace silt, (3.0"x0.75") clay pocket @ 12.0", (3.0"x0.25") clay pocket @ 12.2", (3.0"x0.25") shell hash pocket @ 12.5", light gray (5Y-7/1), (SW).		3	
-26.3	15.7		SAND, fine grained, quartz, trace clay, trace shell hash, trace whole shell, whole shells up to 0.5", clay distributed in laminae, 0.25" rock frag @ 14.3', white (5Y-8/1), (SP).		5	Sample #5, Depth = 14.7' Mean (mm): 0.17, Phi Sorting: 0.46 Fines (230): 1.51% (SP)
-26.7	16.1		Sandy CLAY, little shell fragments, trace shell hash, shell frags up to 0.75", dark gray (5Y-4/1), (CL).			
-28.8	18.2		Silty SAND, fine grained, quartz, trace clay, trace shell hash, gray (5Y-6/1) mottled with, gray (5Y-5/1), (SM).			
-29.3	18.7		Shelly SAND, fine grained, quartz, little silt, trace clay, trace whole shell, shell component is shell frags up to 1.0", whole shells up to 0.5", gray (5Y-5/1), (SW).			
-30.6	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS AMVC-13.GPJ FL DEP ROSS.GDT 4/26/13