

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-13-16			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 13:42	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -10.8 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.6 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
-10.8	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-13.2	2.4		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell frags up to 1.0", light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 1.2' Mean (mm): 0.26, Phi Sorting: 1.44 Fines (230): 1.49% (SW)
-13.5	2.7		SANDY SHELL HASH, trace shell fragments, shell frags up to 0.5", gray (2.5Y-6/1), (SW).		2	Sample #2, Depth = 2.5' Mean (mm): 0.48, Phi Sorting: 1.62 Fines (230): 1.35% (SW)
-13.8	3.0		SAND, fine grained, quartz, little shell hash, trace silt, light gray (2.5Y-7/1), (SW).		1	
-14.1	3.3		SANDY SHELL HASH, trace shell fragments, shell frags up to 0.5", gray (2.5Y-6/1), (SW).		2	
-16.1	5.3		SAND, trace clay, trace shell hash, clay distributed in pockets up to 0.25", (3.0"x1.0") pocket of shell frags @ 3.5', light gray (5Y-7/1), (SP).		3	Sample #3, Depth = 4.3' Mean (mm): 0.17, Phi Sorting: 0.60 Fines (230): 1.78% (SP)
-17.0	6.2		SHELL HASH, some sand, trace shell fragments, shell frags up to 0.5", (3.0"x1.5") silty pocket @ 5.7', gray (5Y-6/1), (SW).		4	Sample #4, Depth = 6.0' Mean (mm): 0.83, Phi Sorting: 2.03 Fines (230): 2.15% (SW)
-17.4	6.6		SAND, fine grained, quartz, trace shell hash, trace silt, (2.0"x1.0") shell frag @ 6.5', light gray (5Y-7/1), (SP).		3	
-19.2	8.4		SHELL HASH, some sand, trace rock fragments, trace shell fragments, trace whole shell, shell frags up to 0.75", whole shells up to 0.5", rock frags up to 1.5", gray (5Y-6/1), (GW).		5	Sample #5, Depth = 7.3' Mean (mm): 1.30, Phi Sorting: 1.80 Fines (230): 1.13% (SW)
-20.6	9.8		SHELL HASH, some sand, trace rock fragments, trace shell fragments, trace whole shell, shell frags up to 0.75", whole shells up to 0.5", rock frags up to 1.5", gray (5Y-6/1), (GW).		6	Sample #6, Depth = 9.4' Mean (mm): 0.57, Phi Sorting: 1.66 Fines (230): 1.93% (SW)
-21.8	11.0		SANDY SHELL HASH, trace shell fragments, trace silt, shell frags up to 0.75", light gray (2.5Y-7/1), (SW).		1	
-23.2	12.4		SAND, fine grained, quartz, little shell hash, 3.0" pocket of shell frags up to 2.0" @ 10.2', light gray (2.5Y-7/1), (SW).		7	Sample #7, Depth = 11.5' Mean (mm): 1.12, Phi Sorting: 2.12 Fines (230): 2.19% (SW)
-23.5	12.7		SHELL HASH, some sand, little shell fragments, trace rock fragments, trace whole shell, rock frags, whole shells and shell frags up to 1.0", 3" rock frag @ 11', gray (5Y-6/1), (GW).			
-24.0	13.2		Shelly SAND, fine grained, quartz, little rock fragments, shell component is shell hash and shell frags up to 0.5", rock frags up to 1.0", light gray (5Y-7/1), (GW).			
-27.0	16.2		Clayey SAND, fine grained, quartz, some rock fragments, rock frags up to 4.0", olive gray (5Y-4/2), (GC).			
-28.4	17.6		SAND, fine grained, quartz, trace rock fragments, trace shell hash, trace silt, rock frags up to 2.0", light gray (5Y-7/1), (GW).			
-30.8	20.0		Silty SAND, little shell hash, trace shell fragments, trace whole shell, olive gray (5Y-5/2), (SM).			
			No Recovery.			

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