

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-13-01			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 01-23-13 12:31	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -5.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.6 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
-5.1	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-11.4	6.3		SAND, fine grained, quartz, trace shell hash, trace silt, (1.5"x3.0") shell hash pocket @ 3.5', (1.0"x1.5") shell frag @ 3.6', pale yellow (5Y-8/2), (SP).		1	Sample #1, Depth = 3.0' Mean (mm): 0.18, Phi Sorting: 0.50 Fines (230): 1.02% (SP)
-14.3	9.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell frags up to 0.5", whole shells up to 1.0", gray (5Y-6/1), (SW).		2	Sample #2, Depth = 8.5' Mean (mm): 0.45, Phi Sorting: 1.48 Fines (230): 0.77% (SW)
-14.8	9.7		Shelly SAND, trace silt, shell component is shell hash, shell frags up to 0.5" and whole shells up to 1.0", gray (5Y-6/1), (SW).		3	Sample #3, Depth = 9.4' Mean (mm): 0.90, Phi Sorting: 2.32 Fines (230): 0.85% (SW)
-15.3	10.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell frags up to 0.5", gray (5Y-6/1), (SW).		2	Sample #4, Depth = 10.3' Mean (mm): 1.01, Phi Sorting: 1.83 Fines (230): 2.96% (SW)
-15.7	10.6		SHELL HASH, some sand, trace shell fragments, trace silt, shell frags up to 1.0", gray (5Y-6/1), (SW).		4	Sample #5, Depth = 13.2' Mean (mm): 0.14, Phi Sorting: 0.52 Fines (230): 1.15% (SP)
-19.9	14.8		SAND, fine grained, quartz, trace clay, trace shell fragments, trace silt, shell frags up to 0.25", (1.5"x2.0") shell frag @ 11.0', clay distributed in pockets up to (0.5"x3.0"), white (5Y-8/1), (SP).		5	Sample #6, Depth = 15.5' Mean (mm): 0.15, Phi Sorting: 0.70 Fines (230): 2.57% (SP)
-20.8	15.7		SAND, fine grained, quartz, trace organics, trace shell hash, trace silt, light gray (5Y-7/1), (SP).		6	Sample #7, Depth = 16.5' Mean (mm): 0.14, Phi Sorting: 0.52 Fines (230): 2.81% (SP)
-22.0	16.9		SAND, fine grained, quartz, trace clay, trace organics, trace shell fragments, trace silt, shell frags up to 0.25", gray (5Y-6/1) mottled with, grayish brown (2.5Y-5/2), (SP).		7	Sample #8, Depth = 17.3' Mean (mm): 0.14, Phi Sorting: 0.40 Fines (230): 3.30% (SP)
-23.1	18.0		SAND, fine grained, quartz, little organics, trace silt, grayish brown (2.5Y-5/2) mottled with, very dark grayish brown (2.5Y-3/2), (SP).		7	
-24.7	19.6		SAND, fine grained, quartz, trace organics, trace silt, silt distributed in pockets up to (0.25"x3.0"), grayish brown (2.5Y-5/2), (SP).			
-25.1	20.0		No Recovery.			
			End of Boring			

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