

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-13-14			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 09:48	
8. TOTAL DEPTH OF BORING 21.0 Ft.			16. ELEVATION TOP OF BORING -10.8 Ft.	
			17. TOTAL RECOVERY FOR BORING 20.8 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.
-11.8	1.0		Shelly SAND, fine grained, quartz, shell component is shell hash and shell frags up to 0.5", light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 0.5' Mean (mm): 0.23, Phi Sorting: 0.80 Fines (230): 0.82% (SP)
-14.9	4.1		SAND, fine grained, quartz, trace shell hash, trace silt, white (5Y-8/1), (SP).		2	Sample #2, Depth = 2.8' Mean (mm): 0.16, Phi Sorting: 0.31 Fines (230): 1.26% (SP)
-18.6	7.8		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 0.25", (3.0"x2.5") shell hash pockets @ 4.4', 5.2' & 5.6', light gray (5Y-7/1), (SP).		3	Sample #3, Depth = 6.5' Mean (mm): 0.18, Phi Sorting: 0.64 Fines (230): 1.39% (SP)
-19.4	8.6		Sandy SHELL HASH, trace shell fragments, shell frags up to 1.0", 0.5" silt pocket @ 7.9', gray (2.5Y-6/1), (SW).		4	Sample #4, Depth = 8.2' Mean (mm): 0.65, Phi Sorting: 1.59 Fines (230): 1.54% (SW)
-21.9	11.1		Shelly SAND, shell component is shell hash, shell frags up to 1.0" and whole shells up to 0.5", (3.0"x2.0") shell hash pocket @ 10.2', light gray (2.5Y-7/1), (SW).		5	Sample #5, Depth = 9.5' Mean (mm): 0.45, Phi Sorting: 1.60 Fines (230): 1.42% (SW)
-25.8	15.0		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell frags up to 0.5", (3.0"x0.1") silt pocket @ 14.2', white (5Y-8/1), (SP).		2	
-28.3	17.5		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell frags up to 2.0", whole shells up to 1.0", (3.0"x1.0") shell hash pocket @ 16.4', 1.0" silty pocket @ 15.9', light gray (2.5Y-7/1), (SW).		6	Sample #6, Depth = 15.5' Mean (mm): 0.29, Phi Sorting: 1.59 Fines (230): 0.99% (SW)
-30.6	19.8		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, shell frags up to 1.0", clay distributed in pockets up to 0.25", 1.0" whole shell @ 17.6', gray (5Y-6/1), (SW).		VC19 S#6	
-31.6	20.8		SAND, fine grained, quartz, little silt, trace clay, trace shell fragments, trace shell hash, shell frags up to 0.25", clay distributed in pockets up to 0.25", light gray (5Y-7/1), (SM).			
-31.8	21.0		No Recovery.			
			End of Boring			