

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 <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER	
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 STARTED COMPLETED 01-24-13 09:48 01-24-13 09:52	
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			

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