

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-13-02			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 13:01	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -10.7 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.3 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
-10.7	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-12.4	1.7		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, whole shells and shell frags up to 0.5", (3.0"x0.25") shell hash pocket @ 1.4', 1.0" whole shell @ 0.8', light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 1.0' Mean (mm): 0.22, Phi Sorting: 0.95 Fines (230): 2.17% (SW)
-16.0	5.3		Sandy SHELL HASH, little shell fragments, trace silt, trace whole shell, shell frags up to 0.75", whole shells up to 1.0", 2.75" whole shell @ 2.0', gray (2.5Y-6/1), (GW).		2	Sample #2, Depth = 3.4' Mean (mm): 0.60, Phi Sorting: 1.13 Fines (230): 0.89% (SW)
-16.5	5.8		SAND, fine grained, quartz, some shell hash, trace silt, gray (5Y-6/1), (SW).		3	Sample #3, Depth = 5.5' Mean (mm): 0.37, Phi Sorting: 1.23 Fines (230): 1.18% (SW)
-19.9	9.2		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey pockets up to 0.25", (3.0"x2.0") pocket of shell frags up to 0.5" @ 6.2', (3.0"x0.75") shell hash pocket @ 6.7', 1.0" shell frag @ 8.8', white (5Y-8/1), (SP).		4	Sample #4, Depth = 7.5' Mean (mm): 0.20, Phi Sorting: 0.70 Fines (230): 1.15% (SP)
-20.3	9.6		Sandy SHELL HASH, little shell fragments, trace silt, shell frags up to 1.0", gray (2.5Y-6/1), (GW).		2	
-23.9	13.2		SAND, fine grained, quartz, trace shell hash, trace silt, (3.0"x1.0") shell hash pocket @ 10.1', 1.25" whole shell @ 12.4', (3.0"x2.0") pocket of shell frags up to 0.75" @ 12.7', 0.75" whole shell @ 12.9', (2.0"x1.0") shell frag @ 13.1', light gray (5Y-7/1), (SP).		5	Sample #5, Depth = 11.5' Mean (mm): 0.15, Phi Sorting: 0.51 Fines (230): 2.04% (SP)
-27.0	16.3		SAND, fine grained, quartz, little organics, trace shell fragments, trace silt, shell frags up to 0.5", organics distributed in pockets up to 0.5", olive gray (5Y-4/2), (SP).		6	Sample #6, Depth = 14.7' Mean (mm): 0.17, Phi Sorting: 0.52 Fines (230): 1.84% (SP)
-28.6	17.9		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey pockets up to 0.25", 1.5" shell hash pocket @ 16.9', light gray (5Y-7/1), (SP).		5	
-30.0	19.3		SAND, fine grained, quartz, little silt, trace clay, trace shell hash, 1.0" shell frags @ 17.9' & 18.0', 1.5" shell frag @ 18.1', 0.5" whole shell @ 18.7', gray (2.5Y-6/1), (SM).			
-30.7	20.0		No Recovery.			
			End of Boring			

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