

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-13-13			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 10:18	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -11.4 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.6 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
-11.4	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-12.3	0.9		Sandy SHELL HASH, little whole shell, trace shell fragments, trace silt, shell frags up to 1.0", whole shells up to 0.75", light gray (5Y-7/1), (GW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.86, Phi Sorting: 1.75 Fines (230): 0.71% (SW)
-12.8	1.4		SAND, some shell hash, trace silt, white (5Y-8/1), (SW).		2	Sample #2, Depth = 1.2' Mean (mm): 0.23, Phi Sorting: 1.08 Fines (230): 1.13% (SW)
-14.7	3.3		SAND, trace shell hash, trace silt, (3.0"x2.0") shell hash pockets @ 2.0' & 2.7', white (5Y-8/1), (SP).		3	Sample #3, Depth = 2.3' Mean (mm): 0.18, Phi Sorting: 0.56 Fines (230): 1.70% (SP)
-15.3	3.9		Sandy SHELL HASH, little shell fragments, trace whole shell, shell frags and whole shells up to 1.0", light gray (5Y-7/1), (GW).		1	Sample #4, Depth = 4.8' Mean (mm): 0.63, Phi Sorting: 1.94 Fines (230): 0.50% (SW)
-16.0	4.6		SAND, trace shell fragments, trace shell hash, trace silt, shell frags up to 0.75", (3.0"x2.0") whole shell @ 4.4', white (5Y-8/1), (SP).		3	
-16.7	5.3		Shelly SAND, shell component is shell hash, shell frags up to 1.0" and whole shells up to 0.25", light gray (5Y-7/1), (GW).		4	
-17.1	5.7		SAND, some shell hash, trace silt, (2.0"x0.5") shell hash pocket @ 5.4', white (5Y-8/1), (SW).		2	
-18.0	6.6		Sandy SHELL HASH, little shell fragments, shell frags up to 0.75", 1.0" whole shell @ 5.9', light gray (5Y-7/1), (GW).		1	
-20.9	9.5		SAND, trace shell hash, trace silt, silt distributed in pockets up to 0.25", (3.0"x1.5") pocket of shell frags up to 0.5" @ 7.0', (2.0"x1.0") shell hash pocket @ 8.8', white (5Y-8/1), (SW).		5	Sample #5, Depth = 8.3' Mean (mm): 0.18, Phi Sorting: 0.91 Fines (230): 1.38% (SW)
-21.8	10.4		Shelly SAND, trace silt, shell component is shell hash, shell frags and whole shells up to 1.5", (3.0"x1.5") shell hash pocket @ 10.2', gray (5Y-6/1), (SW).		6	Sample #6, Depth = 9.8' Mean (mm): 0.45, Phi Sorting: 1.77 Fines (230): 1.52% (SW)
-23.2	11.8		SHELL HASH, some sand, trace shell fragments, trace whole shell, whole shells up to 1.0", shell frags up to 1.75", gray (5Y-5/1), (GW).		1	
-24.2	12.8		SAND, some shell hash, trace shell fragments, trace silt, trace whole shell, light gray (5Y-7/1), (SW).			
-24.9	13.5		SAND, some shell fragments, little shell hash, trace silt, trace whole shell, light gray (5Y-7/1), (SW).			
-26.5	15.1		SHELL HASH, little sand, trace rock fragments, trace whole shell, rock frags up to 0.75", gray (5Y-5/1), (SW).			
-30.0	18.6		SAND, little silt, trace organics, trace shell fragments, trace shell hash, gray (5Y-6/1) mottled with, gray (5Y-5/1), (SM).			
-31.4	20.0		No Recovery.			