

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-13-06			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 15:31	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -15.4 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.2 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
-15.4	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-16.1	0.7		SHELL HASH, some sand, trace shell fragments, trace silt, trace whole shell, shell frags up to 0.75", whole shells up to 1.0", light gray (5Y-7/2), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 2.75, Phi Sorting: 2.00 Fines (230): 0.80% (SW)
-17.2	1.8				VC5 S#3	
-18.1	2.7		SAND, fine grained, quartz, some shell hash, trace silt, light gray (5Y-7/1), (SW).		2	Sample #2, Depth = 2.2' Mean (mm): 0.59, Phi Sorting: 2.00 Fines (230): 0.89% (SW)
-19.5	4.1		Sandy SHELL HASH, trace shell fragments, trace silt, shell frags up to 0.5", light gray (2.5Y-7/1), (SW).		VC5 S#1	
-20.6	5.2		Sandy SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell frags up to 0.5", whole shells up to 0.5", light gray (2.5Y-7/1), (GW).		2	
-21.6	6.2				3	Sample #3, Depth = 5.6' Mean (mm): 0.61, Phi Sorting: 1.17 Fines (230): 0.47% (SW)
-21.9	6.5		SAND, fine grained, quartz, some shell hash, trace silt, light gray (5Y-7/1), (SW).		2	
-22.8	7.4		Sandy SHELL HASH, trace silt, gray (5Y-6/1), (SW).		3	
-24.5	9.1		SAND, fine grained, quartz, some shell hash, trace silt, trace whole shell, whole shells up to 0.25", light gray (5Y-7/1), (SW).		4	Sample #4, Depth = 8.6' Mean (mm): 1.04, Phi Sorting: 1.69 Fines (230): 1.14% (SW)
-25.1	9.7		Sandy SHELL HASH, trace silt, trace whole shell, whole shells up to 0.5", (1.5"x1.0") shell frag @ 7.4', gray (2.5Y-6/1), (SW).		5	Sample #5, Depth = 9.4' Mean (mm): 0.67, Phi Sorting: 2.44 Fines (230): 2.07% (SW)
-27.2	11.8		SHELL HASH, some sand, trace silt, trace whole shell, whole shells up to 1.0", (1.0"x1.5") rock frag @ 8.2', (2.0"x3.0") shell frag @ 9.1', gray (2.5Y-6/1), (SW).		6	Sample #6, Depth = 11.1' Mean (mm): 0.25, Phi Sorting: 1.55 Fines (230): 4.93% (SW-SM)
-28.5	13.1		SAND, fine grained, quartz, some shell hash, trace silt, (1.0"x1.5") rock frag @ 9.7', light gray (5Y-7/2), (SW).		7	Sample #7, Depth = 12.7' Mean (mm): 1.54, Phi Sorting: 2.10 Fines (230): 3.46% (SW)
-30.8	15.4		SAND, fine grained, quartz, little shell hash, trace clay, trace silt, gray (5Y-5/1), (SW-SM).			
-31.8	16.4		SHELL HASH, some sand, trace clay, trace shell fragments, shell frags up to 0.5", (1.0"x2.5") whole shells @ 12.4' & 12.6', dark gray (5Y-4/1), (SW).			
-32.6	17.2		Sandy CLAY, some rock fragments, rock frags up to 3.0", gray (5Y-5/1), (GC).			
-33.6	18.2		SAND, little clay, little shell fragments, trace whole shell, shell frags up to 0.5", whole shells up to 1.0", gray (2.5Y-6/1), (SC).			
-35.4	20.0		SAND, little clay, little shell fragments, shell frags up to 0.25", gray (2.5Y-6/1) mottled with, dark gray (2.5Y-4/1), (SC).			
			Sandy CLAY, light gray (5Y-7/1) mottled with, dark gray (N-4/0), (CL).			
			No Recovery.			
			End of Boring			