

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT AMI 2013 Sand Search Anna Maria Island, FL		9. SIZE AND TYPE OF BIT 3.0 In.		
2. BORING DESIGNATION AMVC-13-08		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		
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 14:36		
8. TOTAL DEPTH OF BORING 20.0 Ft.		16. ELEVATION TOP OF BORING -13.1 Ft.		
		17. TOTAL RECOVERY FOR BORING 17.2 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
-13.1	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-14.9	1.8		SAND, little shell hash, trace shell fragments, shell frags up to 0.5", (4.0"x2.5") shell hash pocket @ 0.6', light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 1.4' Mean (mm): 0.20, Phi Sorting: 1.13 Fines (230): 1.85% (SW)
-16.2	3.1		Sandy SHELL HASH, trace shell fragments, trace whole shell, shell frags up to 0.75", whole shells up to 1.0", gray (2.5Y-6/1), (SW).		2	Sample #2, Depth = 2.6' Mean (mm): 0.74, Phi Sorting: 2.02 Fines (230): 1.02% (SW)
-16.7	3.6		SAND, some shell hash, light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 3.3' Mean (mm): 0.34, Phi Sorting: 1.53 Fines (230): 1.07% (SW)
-17.7	4.6		Shelly SAND, shell component is shell hash, gray (5Y-6/1), (SW).		4	Sample #4, Depth = 4.3' Mean (mm): 0.57, Phi Sorting: 1.76 Fines (230): 1.33% (SW)
-18.2	5.1		SAND, some shell hash, light gray (5Y-7/1), (SW).		5	Sample #5, Depth = 6.0' Mean (mm): 1.13, Phi Sorting: 1.55 Fines (230): 0.82% (SW)
-18.9	5.8		Shelly SAND, trace shell fragments, trace whole shell, shell component is shell hash, shell frags and whole shells up to 1.0", gray (5Y-6/1), (SW).		4	
-19.3	6.2		SHELL HASH, some sand, gray (5Y-6/1), (SW).		2	
-19.9	6.8		Shelly SAND, shell component is shell hash and whole shells up to 0.5", gray (5Y-6/1), (SW).		3	
-20.3	7.2		Sandy SHELL HASH, trace shell fragments, shell frags up to 0.5", gray (5Y-6/1), (SW).		5	
-20.8	7.7		SAND, some shell hash, trace shell fragments, shell frags up to 0.5", 0.5" coral frag @ 7.4', light gray (5Y-7/1), (SW).		1	
-21.4	8.3		SHELL HASH, some sand, trace shell fragments, shell frags up to 0.75", (1.0"x0.5") rock frag @ 7.8', gray (5Y-6/1), (SW).		6	Sample #6, Depth = 9.7' Mean (mm): 0.13, Phi Sorting: 0.73 Fines (230): 2.97% (SP)
-21.7	8.6		SAND, little shell hash, light gray (2.5Y-7/1), (SW).		7	Sample #7, Depth = 11.5' Mean (mm): 0.20, Phi Sorting: 1.48 Fines (230): 4.16% (SW)
-24.2	11.1		SAND, trace shell hash, gray (2.5Y-5/1), (SP).		8	Sample #8, Depth = 12.0' Mean (mm): 0.38, Phi Sorting: 2.16 Fines (230): 8.02% (SW-SC)
-24.8	11.7		SAND, trace shell hash, gray (2.5Y-6/1), (SW).			
-25.5	12.4		SAND, little shell fragments, trace clay, trace silt, shell frags up to 2.0", (2.0"x1.0") rock frag @ 11.8', gray (5Y-5/1), (SW-SC).			
-26.4	13.3		SAND, trace shell hash, whole shells up to 2.0", gray (2.5Y-6/1), (SW).			
-27.6	14.5		SAND, trace clay, trace shell hash, trace silt, gray (5Y-5/1), (SW-SC).			
-27.9	14.8		SHELL HASH, some sand, little clay, (10Y-5/0), (SC).			
-28.6	15.5		SAND, little organics, trace shell hash, light gray (2.5Y-7/1), (SP).			
-30.3	17.2		Clayey SHELL HASH, some whole shell, little shell fragments, light gray (5Y-7/1), (GC).			
-33.1	20.0		No Recovery.			

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