

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-13-10			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 12:29 01-24-13 12:32	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -11.2 Ft.	
			17. TOTAL RECOVERY FOR BORING 15.9 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
-11.2	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-12.0	0.8		SAND, fine grained, quartz, little shell hash, trace silt, light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 0.4' Mean (mm): 0.23, Phi Sorting: 0.85 Fines (230): 1.53% (SP)
-13.5	2.3		SANDY SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell frags up to 0.5", whole shells up to 0.25", light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.4' Mean (mm): 0.95, Phi Sorting: 1.56 Fines (230): 0.74% (SW)
-15.5	4.3		SAND, fine grained, quartz, little shell hash, trace silt, (2.0"x0.25") shell frag @ 4.2', light gray (5Y-7/1), (SP).		1	
-16.0	4.8		SANDY SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell frags up to 0.5", whole shells up to 0.25", light gray (2.5Y-7/1), (SW).		2	
-18.8	7.6		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (5Y-7/1), (SP).		3	Sample #3, Depth = 6.4' Mean (mm): 0.24, Phi Sorting: 0.83 Fines (230): 1.23% (SP)
-19.6	8.4		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell frags up to 0.5", 0.5" rock frag @ 8.1', light gray (5Y-7/1), (SW).		4	Sample #4, Depth = 7.8' Mean (mm): 0.42, Phi Sorting: 1.51 Fines (230): 0.84% (SW)
-21.4	10.2		SHELL HASH, little sand, little shell fragments, trace silt, trace whole shell, shell frags up to 1.0", whole shells up to 0.5", gray (2.5Y-6/1), (SW).		5	Sample #5, Depth = 9.2' Mean (mm): 2.33, Phi Sorting: 1.81 Fines (230): 1.97% (SW)
-22.9	11.7		SANDY SHELL HASH, little shell fragments, trace silt, shell frags up to 1.0", gray (5Y-6/1), (SW).		2	
-23.2	12.0		SAND, little shell hash, trace silt, light gray (5Y-7/1), (SP).		1	
-25.6	14.4		SANDY SHELL HASH, little shell fragments, trace silt, trace whole shell, shell frags and whole shells up to 0.5", gray (2.5Y-6/1), (SW).		2	
-27.1	15.9		ROCK FRAGMENTS, some sand, little clay, little shell hash, trace shell fragments, shell frags up to 2.0", rock frags up to 5.0", (10Y-5/0), (GW).			
			No Recovery.			
-31.2	20.0		End of Boring			

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