

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-13-30			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 01-25-13 13:58 01-25-13 14:02	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -8.7 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.4 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
-8.7	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
			SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell frags up to 1.5", silt distributed in pockets up to 0.25", (3.0"x2.0") shell hash pockets @ 2.7', 4.6', 7.0' & 7.4', shell hash decreases with depth, white (5Y-8/1), (SP).		1	Sample #1, Depth = 2.0' Mean (mm): 0.20, Phi Sorting: 0.66 Fines (230): 0.97% (SP)
					2	Sample #2, Depth = 6.0' Mean (mm): 0.16, Phi Sorting: 0.40 Fines (230): 1.15% (SP)
-17.0	8.3		Sandy SHELL HASH, trace shell fragments, trace silt, shell frags up to 0.5", (3.0"x1.0") clayey pocket @ 8.7', gray (2.5Y-6/1), (SW).		3	Sample #3, Depth = 9.0' Mean (mm): 0.56, Phi Sorting: 1.74 Fines (230): 0.85% (SW)
-18.0	9.3				2	
			SAND, fine grained, quartz, little shell hash, trace clay, trace organics, trace shell fragments, trace silt, shell frags up to 1.0", organics distributed in laminae, clay distributed in laminae from 11.2'-11.5', white (5Y-8/1), (SP).			
-23.3	14.6				VC27 S#6	
			SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in laminae, light gray (5Y-7/1) mottled with, gray (5Y-6/1), (SP-SM).			
-26.6	17.9				1	
-27.0	18.3		SAND, fine grained, quartz, little shell hash, (3.0"x1.0") pocket of shell frags @ 18.0', white (5Y-8/1), (SP).			
-28.1	19.4		SAND, fine grained, quartz, some rock fragments, trace shell fragments, trace silt, shell frags up to 0.5", rock frags up to 3.0", gray (2.5Y-6/1), (GP).			
-28.7	20.0		No Recovery.			
			End of Boring			

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