

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	
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	
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