

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-13-27			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 -8.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.5 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
-8.9	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-13.2	4.3		SAND, fine grained, quartz, little shell hash, trace silt, trace whole shell, whole shells up to 1.25", 1.0" shell frag @ 0.1', (2.0"x3.0") shell hash pockets @ 2.3', 3.5', 3.9', & 4.1', light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.23, Phi Sorting: 1.02 Fines (230): 0.84% (SW)
-15.9	7.0		SAND, fine grained, quartz, trace shell hash, trace silt, silt distributed in laminae, (3.0"x1.5") shell hash pockets @ 5.2', 5.5' & 6.3', 1.0" shell frag @ 6.3', white (5Y-8/1), (SW).		2	Sample #2, Depth = 5.9' Mean (mm): 0.23, Phi Sorting: 1.06 Fines (230): 1.41% (SW)
-16.7	7.8		SHELL HASH, some sand, trace shell fragments, trace silt, shell frags up to 0.75", (3.0"x2.0") shell hash pocket @ 7.2', gray (2.5Y-6/1), (SW).		3	Sample #3, Depth = 7.6' Mean (mm): 0.97, Phi Sorting: 1.69 Fines (230): 1.11% (SW)
-17.8	8.9		SHELL FRAGMENTS, some sand, some shell hash, trace rock fragments, trace silt, trace whole shell, shell frags and whole shells up to 1.5", rock frags up to 0.25", 2.0" rock frag @ 7.9', 2.5" whole shell @ 8.2', 2.75" shell frag @ 8.4', (3.0"x2.0") shell hash pocket @ 8.7', gray (2.5Y-6/1), (GW).		4	Sample #4, Depth = 8.2' Mean (mm): 1.39, Phi Sorting: 2.54 Fines (230): 1.59% (SW)
-22.7	13.8		SAND, fine grained, quartz, trace organics, trace silt, (3.0"x0.25") clay lens @ 9.1', light olive gray (5Y-6/2), (SP).		5	Sample #5, Depth = 10.7' Mean (mm): 0.17, Phi Sorting: 0.39 Fines (230): 1.76% (SP)
-24.7	15.8		SAND, fine grained, quartz, trace organics, trace silt, 0.25" clay pocket @ 14.6', 3.0" whole shell @ 15.3', (3.0"x1.0") shell hash pocket @ 15.6', gray (2.5Y-5/1), (SP-SM).		6	Sample #6, Depth = 14.8' Mean (mm): 0.13, Phi Sorting: 0.47 Fines (230): 6.14% (SP-SM)
-25.1	16.2		Sandy ROCK, rock frags up to 3.0", gray (N-5/0), (GW).			
-26.5	17.6		SAND, fine grained, quartz, trace rock fragments, trace shell hash, trace silt, rock frags up to 0.5", light gray (5Y-7/1), (GP).			
-27.6	18.7		SAND, fine grained, quartz, little rock fragments, trace shell hash, trace silt, rock frags up to 1.5", 3.0" rock frag @ 18.3', light gray (5Y-7/1), (GW).			
-28.4	19.5		ROCK, little sand, trace shell fragments, gray (5Y-6/1), (GW).			
-28.9	20.0		No Recovery.			
			End of Boring			

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