

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-13-19			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 09:25 01-25-13 09:31	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -13.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 20 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR FS	

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.
			SAND, trace shell fragments, trace shell hash, trace silt, shell frags up to 1.0", (2.0"x0.25") silt pocket @ 3.9', white (5Y-8/1), (SP).		1	Sample #1, Depth = 3.0' Mean (mm): 0.16, Phi Sorting: 0.38 Fines (230): 0.89% (SP)
-19.1	6.0					
-19.5	6.4				2	Sample #2, Depth = 6.1' Mean (mm): 0.20, Phi Sorting: 0.81 Fines (230): 0.80% (SP)
-20.1	7.0		SAND, little shell hash, trace silt, (2.0"x0.5") shell hash pocket @ 6.0', (1.0"x0.5") clayey pocket @ 6.3', light gray (5Y-7/1), (SP). Sandy SHELL HASH, trace shell fragments, trace silt, shell frags up to 0.5", gray (5Y-6/1), (SW).		3	Sample #3, Depth = 6.5' Mean (mm): 0.33, Phi Sorting: 1.45 Fines (230): 0.73% (SW)
-22.6	9.5		SAND, trace shell hash, trace silt, 0.5" silty pockets @ 7.4' & 8.2', white (5Y-8/1), (SP).		1	
-23.5	10.4		SAND, little shell hash, (1.0"x0.5") silty pocket @ 9.6', light gray (5Y-7/1), (SP).		2	Sample #4, Depth = 10.5' Mean (mm): 0.26, Phi Sorting: 1.48 Fines (230): 0.97% (SW)
-24.0	10.9		SAND, some shell hash, shell frags up to 1.0", 0.5" silty pocket @ 10.8', light brownish gray (2.5Y-6/2), (SW).		4	
-26.3	13.2		Sandy SHELL HASH, trace shell fragments, trace silt, shell frags up to 1.0", 1.0" silty pockets @ 11.5' & 12.2', 1.0" rock frag @ 12.0', light olive gray (5Y-6/2), (SW).		3	
-28.3	15.2		SAND, little shell hash, trace silt, shell frags up to 1.0", (3.0"x0.5") clay pocket @ 13.5', 0.5" silty pocket @ 13.5', light gray (5Y-7/1), (SP).		2	
-29.7	16.6		SAND, some shell hash, trace silt, (2.0"x1.0") silty pockets @ 15.2' & 16.0', gray (5Y-6/1), (SW).		5	Sample #5, Depth = 15.7' Mean (mm): 0.19, Phi Sorting: 0.92 Fines (230): 1.90% (SW)
-31.4	18.3		SAND, trace shell hash, trace silt, 0.5" whole shell @ 16.6', 1.0" shell frag @ 17.9', olive gray (5Y-5/2), (SW).		6	Sample #6, Depth = 17.4' Mean (mm): 0.17, Phi Sorting: 0.98 Fines (230): 2.90% (SW)
-32.1	19.0		Sandy SHELL HASH, trace silt, gray (5Y-5/1), (SW).			
-32.6	19.5					
-33.1	20.0		SILT, some sand, trace shell hash, dark gray (5Y-4/1), (SM). Sandy SILT, some shell hash, trace shell fragments, trace whole shell, gray (5Y-5/1), (SW).			
			End of Boring			

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