

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-13-20			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 11:46 01-25-13 11:48	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -7.5 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
-7.5	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 1.0", silt distributed in laminae, shell hash distributed in pockets up to (2.0"x3.0"), (1.0"x0.75") whole shell @ 1.6', 2.5" silty pocket @ 5.3', (3.0"x2.0") pocket of shell frags @ 6.1', light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 3.2' Mean (mm): 0.21, Phi Sorting: 0.83 Fines (230): 0.99% (SP)
-14.1	6.6					
-14.8	7.3		Sandy SHELL HASH, trace shell fragments, trace whole shell, shell frags up to 1.0", whole shells up to 0.5", 2.0" whole shell @ 6.7', gray (2.5Y-6/1), (SW).		2	Sample #2, Depth = 7.0' Mean (mm): 0.85, Phi Sorting: 1.75 Fines (230): 0.99% (SW)
					3	Sample #3, Depth = 10.5' Mean (mm): 0.16, Phi Sorting: 0.51 Fines (230): 2.59% (SP)
			SAND, fine grained, quartz, trace clay, trace shell fragments, trace silt, trace whole shell, clay distributed in laminae, (3.0"x0.5") clay pocket @ 11.2', 1.0" shell frag @ 13.2', (3.0"x2.0") clayey pocket @ 13.6', 1.5" rock frag @ 16.2', light gray (5Y-7/1), (SP).		4	Sample #4, Depth = 14.5' Mean (mm): 0.17, Phi Sorting: 0.37 Fines (230): 1.28% (SP)
-27.0	19.5					
-27.5	20.0		No Recovery.			
			End of Boring			

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