

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-13-24			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 09:55 01-25-13 10:00	
8. TOTAL DEPTH OF BORING 21.0 Ft.			16. ELEVATION TOP OF BORING -8.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 20.6 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
-8.1	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-8.9	0.8		SAND, fine grained, quartz, some shell hash, trace silt, trace whole shell, whole shells up to 0.25", light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 0.4' Mean (mm): 0.32, Phi Sorting: 0.98 Fines (230): 0.98% (SW)
			SAND, fine grained, quartz, little shell hash, trace silt, shell hash distributed in laminae, white (5Y-8/1), (SP).		2	Sample #2, Depth = 3.8' Mean (mm): 0.18, Phi Sorting: 0.48 Fines (230): 0.95% (SP)
-14.4	6.3		SAND, fine grained, quartz, some shell hash, trace silt, shell hash distributed in laminae, light gray (5Y-7/1), (SW).		1	
-15.3	7.2		SAND, fine grained, quartz, little shell hash, trace silt, shell hash distributed in laminae, white (5Y-8/1), (SP).		2	
-16.2	8.1		SAND, fine grained, quartz, little shell hash, trace silt, light gray (5Y-7/2), (SW).		3	Sample #3, Depth = 8.8' Mean (mm): 0.31, Phi Sorting: 1.40 Fines (230): 2.45% (SW)
-17.4	9.3		SANDY SHELL HASH, trace silt, trace whole shell, whole shells up to 0.5", gray (2.5Y-6/1), (GW).		VC23 S#2	
-17.8	9.7		SAND, fine grained, quartz, little shell hash, trace silt, (3.0"x2.5") pocket of shell frags @ 10.8', (2.0"x1.0") whole shell @ 11.0', white (5Y-8/1), (SP).		2	
-19.4	11.3		SAND, fine grained, quartz, little shell hash, trace silt, light gray (5Y-7/2), (SW).		3	
-19.8	11.7		SANDY SHELL HASH, some shell fragments, trace silt, gray (5Y-6/1), (GW).		VC23 S#2	
-20.4	12.3		SAND, fine grained, quartz, trace silt, light gray (5Y-7/1), (SP).		2	
-21.2	13.1		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, (3.0"x1.5") clayey pocket @ 13.1', white (5Y-8/1), (SP).			
-24.5	16.4		SAND, fine grained, quartz, little silt, trace rock fragments, trace shell fragments, trace shell hash, rock frags up to 0.5", (1.0"x0.25") clayey pocket @ 17.1', gray (5Y-6/1), (GM).			
-26.3	18.2		SAND, fine grained, quartz, some silt, trace rock fragments, trace shell fragments, trace shell hash, rock frags up to 3.0", light olive gray (5Y-6/2), (GM).			
-28.7	20.6		No Recovery.			
-29.1	21.0		End of Boring			

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