

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-13-26			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY Athena Technologies, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL Electric	
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 01-25-13 12:45	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -9.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 20 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
-9.9	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-12.8	2.9		SAND, fine grained, quartz, little shell hash, trace silt, silt distributed in silty pockets up to 0.25", 2.5" shell hash pocket @ 0.2', 0.75" whole shell @ 0.8', 1.0" shell frags @ 0.9' & 1.0', (1.0"x0.75") shell hash pocket @ 1.0', light gray (2.5Y-7/1), (SP).		1	Sample #1, Depth = 1.5' Mean (mm): 0.19, Phi Sorting: 0.71 Fines (230): 0.89% (SP)
-13.7	3.8		SAND, fine grained, quartz, trace shell hash, trace silt, 0.5" whole shell @ 3.3', white (5Y-8/1), (SP).		2	Sample #2, Depth = 3.3' Mean (mm): 0.20, Phi Sorting: 0.72 Fines (230): 1.35% (SP)
-14.2	4.3		Sandy SHELL HASH, little shell fragments, trace rock fragments, shell and rock frags up to 0.5", 2.0" shell frag @ 3.8', 1.5" rock frag @ 4.1', light gray (5Y-7/1), (GW).		VC22 S#2	
-16.2	6.3		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell frags and whole shells up to 0.5", (2.0"x0.25") shell hash pocket @ 5.4', light gray (2.5Y-7/1), (SP).		1	
-17.8	7.9		SHELL FRAGMENTS, some shell hash, little sand, little whole shell, trace silt, shell frags and whole shells up to 2.0", (3.0"x1.25") shell hash pocket @ 7.1', (3.0"x1.25") organic silt pocket @ 7.6', gray (2.5Y-6/1), (GW).		VC27 S#4	
-19.5	9.6		SAND, fine grained, quartz, trace shell hash, trace silt, trace whole shell, whole shells up to 1.25", (3.0"x2.0") silty pocket @ 8.4', white (5Y-8/1), (SP).		2	Sample #3, Depth = 9.8' Mean (mm): 0.49, Phi Sorting: 1.49 Fines (230): 1.17% (SW)
-19.9	10.0		Shelly SAND, fine grained, quartz, trace shell fragments, trace silt, shell component is shell hash, shell frags up to 0.5", 1.0" rock frag @ 9.6', gray (5Y-6/1), (SW).		3	
-24.3	14.4		SAND, fine grained, quartz, trace organics, trace shell hash, trace silt, 1.0" silty pocket @ 10.5', (3.0"x2.0") silty pockets @ 13.7' & 14.3', (2.0"x0.75") clay pocket @ 13.5', gray (2.5Y-6/1), (SW).		4	Sample #4, Depth = 12.2' Mean (mm): 0.15, Phi Sorting: 0.99 Fines (230): 3.39% (SW)
-26.8	16.9		SAND, fine grained, quartz, little shell hash, trace rock fragments, trace silt, rock frags up to 2.75", gray (2.5Y-6/1), (GP).		5	Sample #5, Depth = 15.6' Mean (mm): 0.21, Phi Sorting: 0.75 Fines (230): 1.89% (SP)
-28.0	18.1		SAND, fine grained, quartz, trace shell hash, trace silt, 1.75" rock frag @ 17.4', (2) 0.5" rock frags @ 18.0', (1.5"x0.25") clayey pocket @ 17.4', light gray (5Y-7/1), (SP).			
-29.9	20.0		ROCK FRAGMENTS, little sand, trace shell fragments, trace silt, trace whole shell, rock frags up to 3.0", gray (2.5Y-6/1), (GW).			
			End of Boring			