

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-13-07			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 01-23-13 15:02	
8. TOTAL DEPTH OF BORING 20.1 Ft.			16. ELEVATION TOP OF BORING -12.5 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.4 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
-12.5	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-13.1	0.6		SHELL HASH, little sand, trace shell fragments, trace whole shell, whole shells up to 0.5", shell frags up to 0.25", light gray (2.5Y-7/1), (SW).		3	Sample #1, Depth = 0.9'
-13.6	1.1				1	Mean (mm): 0.22, Phi Sorting: 1.15
-14.1	1.6				2	Fines (230): 1.19% (SW)
-14.5	2.0		SAND, fine grained, quartz, little shell fragments, light gray (5Y-7/1), (SW).		1	Sample #2, Depth = 1.4'
-15.3	2.8		SHELL HASH, little sand, trace shell fragments, shell frags up to 0.25", light gray (5Y-7/1), (SW).		2	Mean (mm): 0.62, Phi Sorting: 2.05
-15.9	3.4				3	Fines (230): 1.11% (SW)
			SAND, fine grained, quartz, little shell fragments, light gray (5Y-7/1), (SW).		4	Sample #3, Depth = 3.0'
			Sandy SHELL HASH, trace whole shell, whole shells up to 1.0", light gray (5Y-7/2), (SW).			Mean (mm): 0.94, Phi Sorting: 1.99
-18.9	6.4					Fines (230): 0.84% (SW)
			SHELL HASH, some sand, (1.5"x1.0") shell frag @ 3.1', light gray (5Y-7/2), (SW).		5	Sample #4, Depth = 5.5'
			SAND, fine grained, quartz, little shell fragments, trace whole shell, shell frags up to 0.5", whole shells up to 0.75", (3.0"x2.5") shell hash pocket @ 3.7', light gray (5Y-7/1), (SW).			Mean (mm): 0.23, Phi Sorting: 0.95
-22.5	10.0					Fines (230): 1.03% (SW)
			SHELL HASH, some sand, trace shell fragments, trace whole shell, shell frags up to 1.0", whole shells up to 0.75", (1.5"x0.5") coral frag @ 7.0', 1.0" rock frag @ 9.7', 1.5" rock frag @ 9.9', (1.0"x1.5") rock frag @ 10.0', light gray (5Y-7/1), (SW).		6	Sample #5, Depth = 8.5'
-24.2	11.7					Mean (mm): 0.87, Phi Sorting: 1.88
-25.6	13.1		SAND, fine grained, quartz, trace shell hash, (2.5"x1.5") shell frag @ 10.7', (0.5"x2.0") clay pocket @ 11.3', light gray (5Y-7/1), (SP).		7	Sample #6, Depth = 11.1'
-26.9	14.4		SAND, fine grained, quartz, some shell fragments, little whole shell, trace clay, trace silt, shell frags up to 0.5", whole shells up to 3.0", (4.0"x3.0") rock @ 11.9', dark gray (2.5Y-4/1), (SW-SM).			Mean (mm): 0.13, Phi Sorting: 0.50
-29.8	17.3		SAND, fine grained, quartz, little clay, trace shell fragments, trace silt, trace whole shell, gray (5Y-6/1), (SC).			Fines (230): 3.08% (SP)
-30.7	18.2		SAND, fine grained, quartz, trace shell fragments, trace silt, (3.0"x1.5") shell hash pockets @ 16.6' & 17.2', gray (5Y-5/1), (SP).			Sample #7, Depth = 12.4'
-31.9	19.4		SAND, fine grained, quartz, trace rock fragments, trace shell fragments, trace silt, rock frags up to 0.5", gray (5Y-6/1), (SP).			Mean (mm): 0.32, Phi Sorting: 1.46
-32.6	20.1		ROCK, little sand, rock component is cemented shell frags, dark gray (N-4/0), (GW).			Fines (230): 6.78% (SW-SM)
			No Recovery.			
			End of Boring			

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