


DRILLING LOG		DIVISION		INSTALLATION		SHEET 1 OF 1 SHEETS	
1. PROJECT AMI 2013 Sand Search Anna Maria Island, FL							
2. BORING DESIGNATION AMVC-13-21		LOCATION COORDINATES X = 412,432 Y = 1,161,768		9. SIZE AND TYPE OF BIT 3.0 In.			
				10. COORDINATE SYSTEM/DATUM Florida State Plane West		HORIZONTAL NAD 1983	
				11. MANUFACTURER'S DESIGNATION OF DRILL Electric		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
3. DRILLING AGENCY Athena Technologies, Inc.		CONTRACTOR FILE NO.		12. TOTAL SAMPLES		DISTURBED UNDISTURBED (UD)	
4. NAME OF DRILLER Palmer McLellan				13. TOTAL NUMBER CORE BOXES			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				14. ELEVATION GROUND WATER			
		DEG. FROM VERTICAL				15. DATE BORING	
						STARTED 01-25-13 11:24	
						COMPLETED 01-25-13 11:26	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				16. ELEVATION TOP OF BORING -9.7 Ft.			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				17. TOTAL RECOVERY FOR BORING 19.7 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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
-9.7	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-10.8	1.1		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell frags up to 1.0", light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.6' Mean (mm): 0.26, Phi Sorting: 1.22 Fines (230): 1.10% (SW)
-11.6	1.9		Sandy SHELL, shell component is shell hash, whole shells and shell frags up to 1.0", gray (2.5Y-6/1), (SW).		2	Sample #2, Depth = 1.3' Mean (mm): 0.61, Phi Sorting: 2.01 Fines (230): 0.79% (SW)
-13.2	3.5		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell frags up to 1.0", 0.5" whole shell @ 2.2", light gray (5Y-7/1), (SP).		3	Sample #3, Depth = 2.6' Mean (mm): 0.18, Phi Sorting: 0.84 Fines (230): 1.60% (SP)
-15.8	6.1		SAND, fine grained, quartz, little shell hash, trace shell fragments, shell frags up to 1.0", shell hash distributed in pockets up to (3.0"x2.0"), 1.0" silty pocket @ 4.4', 2.0" clay pocket @ 5.1', (3.0"x0.5") clay pocket @ 5.5', light gray (5Y-7/1), (SW).		4	Sample #4, Depth = 4.2' Mean (mm): 0.34, Phi Sorting: 1.15 Fines (230): 1.23% (SW)
-16.1	6.4				5	Sample #5, Depth = 6.2' Mean (mm): 1.78, Phi Sorting: 1.89 Fines (230): 2.16% (SW)
-16.8	7.1		SHELL, trace sand, shell component is shell frags up to 1.5" and whole shells up to 1.0", gray (5Y-6/1), (GW).		6	Sample #6, Depth = 6.8' Mean (mm): 0.16, Phi Sorting: 0.34 Fines (230): 1.66% (SP)
-18.4	8.7		SAND, fine grained, quartz, trace silt, silt distributed in pockets up to 0.25" and decreases with depth, (10Y-7/0), (SP).			
-19.3	9.6		SAND, fine grained, quartz, trace silt, silt distributed in pockets up to 0.25", (3.0"x0.5") pocket of shell frags up to 1.0" @ 8.0', (10Y-7/0), (SP).			
-20.2	10.5		SAND, fine grained, quartz, trace silt, silt distributed in pockets up to 0.25", light greenish gray (10Y-7/1), (SP).			
-21.3	11.6		SAND, fine grained, quartz, trace silt, (3.0"x0.25") clay pockets @ 9.7' & 9.8', white (5Y-8/1) mottled with, (10Y-7/0), (SP).			
-22.2	12.5		SAND, fine grained, quartz, trace silt, silt distributed in laminae, (10Y-7/0), (SP).			
-22.9	13.2		SAND, fine grained, quartz, little clay, trace silt, clay distributed in laminae, 0.25" organic frag @ 11.8', white (5Y-8/1), (SC).			
-23.4	13.7		SAND, fine grained, quartz, trace silt, white (5Y-8/1), (SP).			
			SHELL HASH, some sand, trace shell fragments, shell frags up to 1.0", 2.0" rock frags @ 13.4' & 13.6', dark gray (5Y-4/1), (SW).			
-29.4	19.7		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell frags up to 2.0", whole shells up to 1.0", 2.5" rock frag @ 15.4', 1.0" rock frag @ 15.5', light gray (5Y-7/2), (SP).			
-29.7	20.0		No Recovery.			
			End of Boring			