


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT AMI 2013 Sand Search Anna Maria Island, FL				
2. BORING DESIGNATION AMVC-13-22		LOCATION COORDINATES X = 411,748 Y = 1,161,051		
3. DRILLING AGENCY Athena Technologies, Inc.		CONTRACTOR FILE NO.		
4. NAME OF DRILLER Palmer McLellan		9. SIZE AND TYPE OF BIT 3.0 In.		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		10. COORDINATE SYSTEM/DATUM HORIZONTAL: Florida State Plane West VERTICAL: NAD 1983 NAVD 88		
6. THICKNESS OF OVERBURDEN 0.0 Ft.		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)		
8. TOTAL DEPTH OF BORING 20.0 Ft.		13. TOTAL NUMBER CORE BOXES		
		14. ELEVATION GROUND WATER		
		15. DATE BORING STARTED 01-25-13 10:59 COMPLETED 01-25-13 11:02		
		16. ELEVATION TOP OF BORING -9.5 Ft.		
		17. TOTAL RECOVERY FOR BORING 19.6 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
-9.5	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-10.5	1.0		SAND, little shell hash, trace silt, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.5' Mean (mm): 0.24, Phi Sorting: 1.05 Fines (230): 1.00% (SW)
-11.0	1.5		Sandy SHELL HASH, little shell fragments, trace whole shell, shell frags up to 1.0", whole shells up to 0.5", 1.5" whole shell @ 1.1', gray (2.5Y-6/1), (GW).		2	Sample #2, Depth = 1.3' Mean (mm): 0.70, Phi Sorting: 2.11 Fines (230): 1.05% (SW)
			SAND, trace shell hash, trace silt, trace whole shell, whole shells up to 1.0", (3.0"x1.0") shell hash pocket @ 4.2', white (5Y-8/1), (SP).		3	Sample #3, Depth = 4.6' Mean (mm): 0.18, Phi Sorting: 0.50 Fines (230): 1.06% (SP)
-15.6	6.1					
-16.1	6.6		SHELL HASH, little sand, trace shell fragments, shell frags up to 1.0", 1.5" and 0.25" rock frags @ 6.5', gray (2.5Y-6/1), (GW).		4	Sample #4, Depth = 6.3' Mean (mm): 1.34, Phi Sorting: 1.66 Fines (230): 1.08% (SW)
-17.5	8.0		SAND, little shell hash, (3.0"x0.25") clay pocket @ 6.7', (3.0"x1.0") clayey pocket @ 6.8', light gray (5Y-7/1), (SW).		1	
-18.3	8.8		Sandy SHELL HASH, trace rock fragments, trace shell fragments, trace silt, shell frags up to 1.0", rock frags up to 0.25", 2.5" shell frag @ 8.5', 2.0" rock frag @ 8.5', olive gray (5Y-5/2), (GW).		5	Sample #5, Depth = 8.4' Mean (mm): 1.58, Phi Sorting: 1.98 Fines (230): 3.11% (SW)
-19.9	10.4				3	
-20.7	11.2				2	
-21.5	12.0		SAND, trace shell hash, trace silt, trace whole shell, whole shells up to 0.75", 0.5" clay pocket @ 9.8', 0.5" rock frag @ 10.1', white (5Y-8/1), (SP).			
-23.6	14.1		Sandy SHELL HASH, trace shell fragments, trace whole shell, shell frags and whole shells up to 1.0", gray (5Y-6/1), (SW).			
-24.6	15.1		SAND, little silt, trace rock fragments, trace shell fragments, shell frags up to 0.5", rock frags up to 1.0", light gray (5Y-7/2), (GM).			
-26.7	17.2		SAND, little silt, trace organics, trace shell hash, gray (2.5Y-6/1), (SM).			
-27.6	18.1		SAND, some silt, trace shell fragments, shell frags up to 3.0", gray (2.5Y-5/1), (SM).			
-28.6	19.1		SAND, little shell hash, (3.0"x2.0") silty pockets @ 15.2' & 16.1', gray (5Y-6/1), (SW).			
-29.1	19.6		Silty SAND, some shell hash, trace rock fragments, rock frags up to 0.25", gray (5Y-5/1), (SM).			
-29.5	20.0		SAND, some shell hash, little silt, trace rock fragments, rock frags up to 1.5", gray (5Y-6/1), (GW).			
			ROCK, little sand, (10Y-5/0), (GW).			
			No Recovery.			
			End of Boring			

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