


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT AMI 2013 Sand Search Anna Maria Island, FL				
2. BORING DESIGNATION AMVC-13-17		LOCATION COORDINATES X = 410,746 Y = 1,161,302		
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 Florida State Plane West		
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 01-24-13 14:26 COMPLETED 01-24-13 14:28		
		16. ELEVATION TOP OF BORING -9.0 Ft.		
		17. TOTAL RECOVERY FOR BORING 18.8 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
-9.0	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-9.5	0.5		SAND, little shell hash, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.37, Phi Sorting: 1.49 Fines (230): 0.66% (SW)
-11.3	2.3		SHELL HASH, some sand, little shell fragments, trace whole shell, shell frags up to 2.0", whole shells up to 0.75", light gray (2.5Y-7/1), (GW).		2	Sample #2, Depth = 1.3' Mean (mm): 0.64, Phi Sorting: 1.76 Fines (230): 1.09% (SW)
			SAND, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell frags and whole shells up to 1.5", (3.0"x2.0") shell hash pockets @ 5.0' & 7.2', white (5Y-8/1), (SP).		3	Sample #3, Depth = 4.5' Mean (mm): 0.18, Phi Sorting: 0.72 Fines (230): 4.95% (SP)
-17.0	8.0				2	Sample #4, Depth = 8.8' Mean (mm): 0.26, Phi Sorting: 1.36 Fines (230): 3.00% (SW)
-17.5	8.5		SHELL HASH, trace sand, trace shell fragments, shell frags up to 1.5", gray (2.5Y-6/1), (GW).		4	Sample #5, Depth = 10.3' Mean (mm): 0.54, Phi Sorting: 1.82 Fines (230): 1.75% (SW)
-18.1	9.1		SAND, trace shell hash, trace silt, trace whole shell, whole shells up to 0.25", light gray (5Y-7/1), (SW).		5	Sample #6, Depth = 11.7' Mean (mm): 0.77, Phi Sorting: 2.05 Fines (230): 1.99% (SW)
-20.5	11.5		SAND, some shell hash, trace shell fragments, trace silt, trace whole shell, shell frags up to 1.0", whole shells up to 1.5", light gray (5Y-7/1), (SW).		6	Sample #7, Depth = 12.7' Mean (mm): 0.44, Phi Sorting: 1.88 Fines (230): 4.38% (SW)
-21.0	12.0		SANDY SHELL, trace silt, trace whole shell, shell component is shell hash and shell frags up to 0.5", whole shells up to 0.75", olive gray (5Y-5/2), (GW).		5	
-21.4	12.4		SAND, some shell hash, light gray (5Y-7/1), (SW).		7	
-22.1	13.1		SAND, trace shell hash, trace silt, trace whole shell, gray (5Y-6/1), (SW).		2	
-24.6	15.6		SHELL HASH, little sand, trace rock fragments, trace shell fragments, trace whole shell, rock frags up to 0.25", gray (5Y-6/1), (GW).			
-25.0	16.0		SAND, little shell fragments, little silt, trace organics, trace rock fragments, trace shell hash, rock frags up to 1.0", gray (5Y-5/1), (GM).			
-25.4	16.4		SAND, trace shell fragments, trace shell hash, white (5Y-8/1), (SP).			
-26.5	17.5		SAND, some shell hash, some silt, trace shell fragments, gray (5Y-5/1), (SM).			
-27.8	18.8		SAND, some rock fragments, trace shell hash, rock frags up to 2.0", light gray (5Y-7/2), (GW).			
-29.0	20.0		No Recovery.			

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