

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> AMI 2013 Sand Search Anna Maria Island, FL			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> AMVC-13-23			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Electric	
<b>4. NAME OF DRILLER</b> Palmer McLellan			<b>12. TOTAL SAMPLES</b> DISTURBED UNDISTURBED (UD)	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>15. DATE BORING</b> 01-25-13 10:22	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -10.0 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> LC	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-10.0	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-14.0	4.0		SAND, some shell hash, trace shell fragments, trace silt, trace whole shell, shell frags and whole shells up to 1.0", gray (5Y-6/1), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.40, Phi Sorting: 1.63 Fines (230): 1.11% (SW)
-15.0	5.0		Sandy SHELL HASH, trace shell fragments, shell frags up to 1.0", gray (5Y-6/1), (GW).		2	Sample #2, Depth = 4.7' Mean (mm): 0.78, Phi Sorting: 1.63 Fines (230): 1.46% (SW)
-15.9	5.9		SAND, trace shell fragments, trace shell hash, trace silt, shell frags up to 2.0", 0.25" silty pocket @ 5.4', light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 5.5' Mean (mm): 0.22, Phi Sorting: 1.16 Fines (230): 1.28% (SW)
-16.4	6.4		Sandy SHELL HASH, trace shell fragments, trace silt, shell frags up to 1.0", gray (5Y-6/1), (GW).		2	
-18.5	8.5		SAND, trace shell hash, trace silt, (3.0"x0.5") silty pockets @ 6.9' & 7.1', (3.0"x2.5") pocket of silty shell frags up to 0.5" @ 7.4', 1.0" silty pocket @ 7.8', white (5Y-8/1), (SW).		3	Sample #4, Depth = 9.0' Mean (mm): 0.59, Phi Sorting: 2.45 Fines (230): 3.49% (SW)
-19.4	9.4		SAND, little shell fragments, little shell hash, trace clay, trace rock fragments, trace silt, shell frags up to 2.0", rock frags up to 0.5", 2 (3.0"x1.25") clay pockets @ 8.6', gray (5Y-5/1), (GW).		4	
-19.9	9.9		Sandy SHELL HASH, little shell fragments, trace silt, shell frags up to 0.75", light gray (2.5Y-7/1), (GW).		2	
-20.6	10.6		SAND, trace shell hash, 0.25" silty pocket @ 10.0', white (5Y-8/1), (SW).		3	
-21.0	11.0		SAND, little silt, trace shell hash, gray (2.5Y-6/1), (SM).			
-22.2	12.2		Shelly SAND, trace shell fragments, trace silt, trace whole shell, whole shells up to 0.5", shell frags up to 0.25", 1.0" & 2.0" rock frags @ 11.2', light gray (2.5Y-7/1), (SM).			
-24.0	14.0		SAND, trace shell fragments, trace shell hash, trace silt, shell frags up to 0.25", white (5Y-8/1), (SW).			
-26.0	16.0		Silty SAND, trace shell hash, (3.0"x1.0") pocket of shell frags up to 0.5" @ 14.8', 1.0" whole shells @ 15.8' & 16.0', gray (5Y-5/1), (SM).			
-28.0	18.0		SAND, some rock fragments, little silt, trace shell hash, rock frags up to 3.0", gray (5Y-6/1), (GW).			
-30.0	20.0		No Recovery.			
			End of Boring			

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