

<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-13-11			<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> 01-23-13 16:55	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -11.7 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 16.2 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
-11.7	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-13.0	1.3		Shelly SAND, fine grained, quartz, little shell fragments, trace rock fragments, trace silt, trace whole shell, shell frags up to 0.5", light gray (2.5Y-7/1), (GW).		1	Sample #1, Depth = 0.7' Mean (mm): 0.79, Phi Sorting: 1.82 Fines (230): 1.05% (SW)
-13.7	2.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell frags up to 0.5", whole shells up to 1.0", 1.75" shell frag @ 1.8', light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.7' Mean (mm): 0.54, Phi Sorting: 1.91 Fines (230): 1.04% (SW)
-18.4	6.7		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell frags up to 0.5", whole shells up to 0.75", clay distributed in clayey pockets up to 0.25", (3.0"x0.25") shell hash pocket @ 6.4', white (2.5Y-8/1), (SP).		3	Sample #3, Depth = 4.3' Mean (mm): 0.18, Phi Sorting: 0.43 Fines (230): 0.90% (SP)
-19.3	7.6		Sandy SHELL HASH, little shell fragments, trace rock fragments, trace silt, trace whole shell, shell frags up to 1.0", whole shells up to 0.75", rock frags up to 0.5", 1.75" whole shell @ 7.2', gray (2.5Y-6/1), (GW).		4	Sample #4, Depth = 7.2' Mean (mm): 1.21, Phi Sorting: 1.94 Fines (230): 1.80% (SW)
-20.0	8.3		SAND, fine grained, quartz, some shell hash, trace silt, (3.0"x1.5") pocket of shell hash and shell frags up to 0.5" @ 8.0', light gray (2.5Y-7/1), (SW).		2	
-25.0	13.3		Sandy SHELL HASH, little shell fragments, little whole shell, trace silt, shell frags up to 2.0", whole shells up to 1.0", gray (5Y-6/1), (GW).		4	
-26.1	14.4		Shelly SAND, fine grained, quartz, little rock fragments, trace shell fragments, trace silt, shell component is shell hash, shell frags up to 1.5", rock frags up to 0.5", (3.0"x0.5") clayey pocket @ 13.4', 1.25" whole shell @ 13.9', gray (2.5Y-6/1), (GW).		5	Sample #5, Depth = 13.8' Mean (mm): 0.81, Phi Sorting: 1.99 Fines (230): 1.41% (SW)
-27.9	16.2		Shelly SAND, fine grained, quartz, some clay, trace rock fragments, shell component is whole shells up to 1.0", rock frags up to 0.5", light gray (5Y-7/1), (GC).			
-31.7	20.0		No Recovery.			
			End of Boring			

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