

<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-13-29			<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 14:35	
<b>8. TOTAL DEPTH OF BORING</b> 21.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -9.2 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 20.2 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
-9.2	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-10.7	1.5		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, whole shells up to 0.25", shell frags up to 0.5", light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 0.8' Mean (mm): 0.34, Phi Sorting: 1.35 Fines (230): 0.97% (SW)
-13.1	3.9		SAND, fine grained, quartz, trace shell hash, trace silt, white (2.5Y-8/1), (SP).		2	Sample #2, Depth = 2.7' Mean (mm): 0.22, Phi Sorting: 0.65 Fines (230): 1.02% (SP)
-17.6	8.4		SAND, fine grained, quartz, little shell hash, trace clay, trace rock fragments, trace shell fragments, trace silt, trace whole shell, rock frags up to 0.25", whole shells up to 1.0", shell frags up to 1.5", clay distributed in pockets up to 0.25", (3.0"x2.5") shell hash pockets @ 4.7', 5.5' & 6.4', light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 5.9' Mean (mm): 0.21, Phi Sorting: 0.87 Fines (230): 0.92% (SW)
-20.8	11.6		SAND, fine grained, quartz, little shell hash, trace silt, (3.0"x0.25") silty pocket @ 8.4', (2.0"x1.5") shell hash pocket @ 10.3', 0.5" whole shells @ 10.3' & 11.3', (3.0"x2.0") pocket of shell hash and shell frags up to 0.5" @ 11.2', light gray (5Y-7/2), (SW).		4	Sample #4, Depth = 9.9' Mean (mm): 0.30, Phi Sorting: 1.72 Fines (230): 1.11% (SW)
-22.8	13.6		SAND, fine grained, quartz, trace organics, trace silt, light olive gray (5Y-6/2), (SW).		VC26 S#4	
-25.0	15.8		SAND, trace shell hash, trace silt, trace whole shell, whole shells up to 1.0", 0.25" clay pocket @ 13.6', olive gray (5Y-5/2), (SP-SM).		VC27 S#6	
-25.6	16.4		SAND, fine grained, quartz, trace shell hash, trace silt, (3.0"x0.25") shell hash pocket @ 16.3', 2.0" rock frag @ 16.3', light gray (5Y-7/1), (SP).		2	
-28.5	19.3		SAND, fine grained, quartz, trace rock fragments, trace shell hash, trace silt, rock frags up to 2.0", (3.0"x2.0") clay pocket @ 16.4', light olive gray (5Y-6/2), (SW).			
-29.4	20.2		Gravelly SAND, fine grained, quartz, gravel component is rock frags up to 3.0", light gray (2.5Y-7/1), (GW).			
-30.2	21.0		No Recovery.			
			End of Boring			