

<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-13-22			<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 10:59	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -9.5 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 19.6 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
-9.5	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			