

DRILLING LOG		DIVISION		INSTALLATION		SHEET 1 OF 1 SHEETS	
<b>1. PROJECT</b> Mexico Beach Sand Search Bay County, Florida				<b>9. SIZE AND TYPE OF BIT</b> 2.0 In.			
<b>2. BORING DESIGNATION</b> MBVC-19-08				<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane North		<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.				<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Electric		<input type="checkbox"/> <b>AUTO HAMMER</b> <input type="checkbox"/> <b>MANUAL HAMMER</b>	
<b>4. NAME OF DRILLER</b> Palmer McClellan				<b>12. TOTAL SAMPLES</b> 7		<b>UNDISTURBED (UD)</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>				<b>13. TOTAL NUMBER CORE BOXES</b>		<b>14. ELEVATION GROUND WATER</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.				<b>15. DATE BORING</b>		<b>STARTED</b> 06-18-19 10:40 <b>COMPLETED</b> 06-18-19 10:48	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.				<b>16. ELEVATION TOP OF BORING</b> -16.9 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b> 21.6 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 22.0 Ft.				<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Kristina McCoy, P.G.			

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-16.9	0.0					
-17.3	0.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments up to (0.25"x0.5"), whole shells up to 1.0", light gray (2.5Y-7/2), (SW).		1	Sample #1, Depth = 0.2' Mean (mm): 0.30, Phi Sorting: 1.37 Fines (230): 0.86% (SW)
-18.9	2.0		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments up to (0.5"x1.25"), whole shells up to 1.0", 1.5" shell fragment @ 1.5", (1.25"x1.75") whole shell @ 1.8", light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.2' Mean (mm): 0.41, Phi Sorting: 1.77 Fines (230): 0.90% (SW)
-21.5	4.6		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, silty pockets up to 0.25", shells up to 0.75", (0.5"x2.5") shell fragment @ 2.4", 3.0" pocket of shell fragments & whole shells up to 1.5" @ 3.7", light gray (2.5Y-7/1), (SW).		3	Sample #3, Depth = 3.3' Mean (mm): 0.29, Phi Sorting: 1.15 Fines (230): 1.06% (SW)
-27.3	10.4		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), 1.0" shell fragment @ 11.8', 0.5" shell fragment @ 12.2', light gray (2.5Y-7/1), (SP).		4	Sample #4, Depth = 7.5' Mean (mm): 0.22, Phi Sorting: 0.37 Fines (230): 0.92% (SP)
-29.5	12.6		SAND, fine grained, quartz, some shell hash, trace clay, trace shell fragments, trace whole shell, shells up to 0.75", greenish gray (10Y-5/1), (SW).		5	Sample #5, Depth = 11.5' Mean (mm): 0.23, Phi Sorting: 0.39 Fines (230): 0.96% (SP)
-30.0	13.1		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments & whole shells up to 1.5", dark greenish gray (10Y-4/1), (GW-GC).		6	Sample #6, Depth = 12.8' Mean (mm): 0.37, Phi Sorting: 1.40 Fines (230): 2.59% (SW)
-33.5	16.6		SAND, fine to medium grained, quartz, some clay, little shell hash, trace organics, trace shell fragments up to 1.0", dark greenish gray (10Y-4/1), (SC).		7	Sample #7, Depth = 14.8' Mean (mm): 0.68, Phi Sorting: 2.03 Fines (230): 6.62% (SW-SC)
-34.7	17.8		WOOD FRAGMENTS, some sand, trace shell hash, black (10YR-2/1), (PT).			
-35.1	18.2		Shelly SAND, fine to medium grained, quartz, some clay, trace organics, trace wood fragments, shell components: shell hash, shell fragments & whole shells up to 1.25", wood up to 2.5", dark greenish gray (10Y-4/1), (GC).			
-36.4	19.5		Silty SAND, fine grained, quartz, trace shell hash, color mottled light brownish gray (10YR-6/2) and, very dark gray (N-3/0), (SM).			
-38.5	21.6		No Recovery.			
-38.9	22.0		End of Boring			