

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> Mexico Beach Sand Search Bay County, Florida			<b>9. SIZE AND TYPE OF BIT</b> 2.0 In. <b>10. COORDINATE SYSTEM/DATUM</b> HORIZONTAL VERTICAL Florida State Plane North NAD 1983 NAVD 88	
<b>2. BORING DESIGNATION</b> MBVC-19-10		<b>LOCATION COORDINATES (ft)</b> X = 1,664,472 Y = 339,193		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.		<b>CONTRACTOR FILE NO.</b>		<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b> 5
<b>4. NAME OF DRILLER</b> Palmer McClellan			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>14. ELEVATION GROUND WATER</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b> 06-18-19 11:57 06-18-19 12:05	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -17.6 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 21.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 20.5 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Alexandra Valente	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-17.6	0.0					
-18.9	1.3		SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shells up to 0.75", light gray (2.5Y-7/1), (SP).		1	Sample #1, Depth = 0.7' Mean (mm): 0.28, Phi Sorting: 0.85 Fines (230): 0.95% (SP)
-19.9	2.3		SAND, fine grained, quartz, trace shell hash, trace silt, 1.0" shell hash pocket @ 1.7', (0.5"x0.75") shell fragment @ 1.4', (0.25"x0.5") shell fragment @ 2.2', light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.8' Mean (mm): 0.30, Phi Sorting: 1.01 Fines (230): 1.05% (SW)
			SAND, fine grained, quartz, trace shell hash, trace silt, silty laminae & pockets up to (0.25"x0.5"), (0.5"x0.75") shell fragment @ 3.5', white (N-8/0), (SP).		3	Sample #3, Depth = 6.4' Mean (mm): 0.24, Phi Sorting: 0.53 Fines (230): 0.65% (SP)
-28.2	10.6		SAND, fine grained, quartz, trace shell hash, trace silt, silty laminae & pockets up to (0.25"x0.5"), color mottled gray (2.5Y-6/1) and, gray (2.5Y-6/1), (SP).		4	Sample #4, Depth = 11.2' Mean (mm): 0.21, Phi Sorting: 0.43 Fines (230): 1.15% (SP)
-29.5	11.9		SAND, fine grained, quartz, trace shell hash, trace silt, grayish brown (2.5Y-5/2), (SW).		5	Sample #5, Depth = 12.1' Mean (mm): 0.22, Phi Sorting: 0.90 Fines (230): 4.44% (SW)
-30.0	12.4		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments & whole shells up to (0.75"x1.75"), 0.5" silt pocket @ 13.8', dark gray (2.5Y-4/1), (GW-GC).		VS	
-31.8	14.2		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to (1.75"x2.0"), dark greenish gray (10Y-4/1), (GC).		VC05#6	
-34.2	16.6		SAND, fine to medium grained, quartz, some clay, some shell hash, trace shell fragments up to 0.5", dark gray (2.5Y-4/1), (SC).			
-35.0	17.4		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to 2.0", 3 (0.75") wood fragments @ 19.4', dark gray (2.5Y-4/1), (GC).			
-37.9	20.3		Sandy SILT, fine grained, quartz, trace shell hash, 0.75" whole shell @ 20.4', color mottled light gray (2.5Y-7/1) and, (25Y-4/2), (ML).			
-38.1	20.5		No Recovery.			
-38.6	21.0		No Recovery.			
			End of Boring			