

<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-19-09		<b>LOCATION COORDINATES (ft)</b> X = 1,663,701 Y = 339,173	<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 11:34 06-18-19 11:40	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -18.4 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 19.7 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
-18.4	0.0					
-19.0	0.6		SAND, fine grained, quartz, trace silt, light brownish gray (2.5Y-6/2), (SP).		1	Sample #1, Depth = 0.3' Mean (mm): 0.22, Phi Sorting: 0.42 Fines (230): 1.26% (SP)
-20.1	1.7		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 0.75", (0.5"x0.75") whole shell @ 0.8', (0.25"x0.5") coral @ 0.9', light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.1' Mean (mm): 0.29, Phi Sorting: 1.02 Fines (230): 0.97% (SW)
			SAND, fine grained, quartz, trace shell hash, trace silt, silty laminae & pockets up to 0.25", 0.5" whole shell @ 1.8', (0.75"x1.0") shell fragment @ 2.4', 0.75" coral @ 7.2', 0.5" coral @ 8.9', white (N-8/0), (SP).		3	Sample #3, Depth = 5.3' Mean (mm): 0.23, Phi Sorting: 0.44 Fines (230): 0.94% (SP)
-27.4	9.0		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.5", 3 shell fragments up to (0.75"x1.5") @ 9.7', light gray (2.5Y-7/1), (SP).		4	Sample #4, Depth = 9.4' Mean (mm): 0.22, Phi Sorting: 0.52 Fines (230): 1.53% (SP)
-28.2	9.8				5	Sample #5, Depth = 10.2' Mean (mm): 0.30, Phi Sorting: 1.63 Fines (230): 3.67% (SW)
-29.0	10.6		SAND, fine to medium grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shells up to 1.0", light brownish gray (2.5Y-6/2), (SW).		VS VC05#6	
-33.3	14.9		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments & whole shells up to (0.75"x2.0"), grayish brown (2.5Y-5/2), (GW-GC).			
-35.0	16.6		Shelly SAND, fine to medium grained, quartz, little clay, shell components: shell hash, shell fragments & whole shells up to 1.75", (1.75"x2.0") wood fragment @ 15.7', (0.75"x1.0") wood fragment @ 16.3', greenish gray (10Y-5/1), (GC).			
-37.2	18.8		Sandy SILT, fine grained, quartz, trace clay, color mottled gray (2.5Y-6/1) and, dark gray (10YR-4/1), (ML).			
-38.1	19.7		Silty SAND, fine grained, quartz, color mottled light brownish gray (2.5Y-6/2) and, white (N-8/0), (SM).			
-38.4	20.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19