

<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-19-06		<b>LOCATION COORDINATES (ft)</b> X = 1,665,060 Y = 338,821	<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 09:25 06-18-19 09:30	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -17.8 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 22.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 20.3 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
-17.8	0.0					
-19.1	1.3		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to (0.5"x1.0"), 0.75" whole shell @ 1.3', white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.6' Mean (mm): 0.26, Phi Sorting: 0.76 Fines (230): 0.88% (SP)
-21.1	3.3		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets & shell fragments up to 0.25", 1.0" silty pocket @ 3.1', white (N-8/0), (SP).		2	Sample #2, Depth = 2.3' Mean (mm): 0.25, Phi Sorting: 0.48 Fines (230): 0.85% (SP)
-29.3	11.5		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets & shell fragments up to (0.5"x0.75"), white (N-8/0), (SP).		3	Sample #3, Depth = 7.4' Mean (mm): 0.24, Phi Sorting: 0.63 Fines (230): 0.88% (SP)
-30.2	12.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to 0.5", shell fragments up to (0.5"x0.75"), gray (2.5Y-6/1), (SP).		4	Sample #4, Depth = 12.0' Mean (mm): 0.21, Phi Sorting: 0.48 Fines (230): 1.48% (SP)
-31.0	13.2		SAND, fine grained, quartz, little shell hash, trace clay, trace shell fragments, trace whole shell, shell fragments up to 0.5", whole shells up to 1.0", dark greenish gray (10Y-4/1), (SW-SC).		5	Sample #5, Depth = 12.8' Mean (mm): 0.27, Phi Sorting: 1.19 Fines (230): 6.44% (SW-SC)
-34.0	16.2		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).		VS VC05#6	
-35.6	17.8		SAND, fine to medium grained, quartz, some clay, little shell hash, trace organics, trace shell fragments & whole shells up to 0.75", dark greenish gray (10Y-4/1), (SC).			
-36.8	19.0		Clayey SAND, fine to medium grained, quartz, little shell hash, trace shell fragments & whole shells up to (0.5"x0.75"), very dark greenish gray (10Y-3/1), (SC).			
-38.1	20.3		Clayey SAND, fine to medium grained, quartz, little shell hash, trace organics, trace wood fragments, trace shell fragments & whole shells up to 1.0", wood up to 1.25", dark greenish gray (10Y-4/1), (SC).			
-39.8	22.0		No Recovery. End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19