


<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b>
<b>1. PROJECT</b> Mexico Beach Sand Search Bay County, Florida				
<b>2. BORING DESIGNATION</b> MBVC-19-07		<b>LOCATION COORDINATES (ft)</b> X = 1,665,948 Y = 338,851		<b>9. SIZE AND TYPE OF BIT</b> 2.0 In. <b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane North <b>HORIZONTAL</b> NAD 1983 <b>VERTICAL</b> NAVD 88
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.		<b>CONTRACTOR FILE NO.</b>		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER
<b>4. NAME OF DRILLER</b> Palmer McClellan		<b>12. TOTAL SAMPLES</b> 6		<b>13. TOTAL NUMBER CORE BOXES</b>
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>DEG. FROM VERTICAL</b>	<b>BEARING</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 10:14 <b>COMPLETED</b> 06-18-19 10:20
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.		<b>16. ELEVATION TOP OF BORING</b> -17.5 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b> 19.8 Ft.
<b>8. TOTAL DEPTH OF BORING</b> 21.0 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
-17.5	0.0					
-18.0	0.5		SAND, fine grained, quartz, trace shell hash, trace silt, 1.0" whole shell @ 0.4", light gray (2.5Y-7/1), (SP).		1	Sample #1, Depth = 0.3'
-18.7	1.2		SAND, fine to medium grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shells up to 1.25", light gray (2.5Y-7/1), (SW).		2	Mean (mm): 0.26, Phi Sorting: 0.62 Fines (230): 0.93% (SP)
-21.2	3.7		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to 0.25", shell fragments up to 0.75", (2.0"x3.0") whole shell @ 1.3', 1.0" whole shells @ 2.0' and 2.3', white (2.5Y-8/1), (SP).		3	Sample #2, Depth = 0.8' Mean (mm): 0.65, Phi Sorting: 2.31 Fines (230): 0.83% (SW)
-26.6	9.1		SAND, fine grained, quartz, trace shell fragments, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), (0.5"x0.75") shell fragment @ 4.1', 1.0" whole shell @ 4.6', white (2.5Y-8/1), (SP).		4	Sample #3, Depth = 2.5' Mean (mm): 0.27, Phi Sorting: 0.84 Fines (230): 0.79% (SP)
-28.2	10.7		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.5", silt increases with depth, light gray (2.5Y-7/1), (SP).		5	Sample #4, Depth = 6.4' Mean (mm): 0.21, Phi Sorting: 0.35 Fines (230): 0.88% (SP)
-28.7	11.2		SAND, fine to medium grained, quartz, little shell hash, trace clay, trace shell fragments, trace whole shell, shells up to 1.25", dark greenish gray (10Y-4/1), (SW).		6	Sample #5, Depth = 9.9' Mean (mm): 0.23, Phi Sorting: 0.46 Fines (230): 1.23% (SP)
-32.4	14.9		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments up to (1.5"x2.0") & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GW-GC).		VS VC08#7	Sample #6, Depth = 10.9' Mean (mm): 0.49, Phi Sorting: 2.21 Fines (230): 4.16% (SW)
-33.5	16.0		SAND, fine to medium grained, quartz, some clay, little shell hash, trace shell fragments up to 0.75", 0.25" wood fragment @ 15.7", dark greenish gray (10Y-4/1), (SC).			
-35.2	17.7		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
-37.3	19.8		Silty SAND, trace shell hash, color mottled light brownish gray (10YR-6/2) and, very dark gray (N-3/0), (SM).			
-38.5	21.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19