

<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-19-04		<b>LOCATION COORDINATES (ft)</b> X = 1,664,923 Y = 337,914		<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> 3
<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 08:33 06-18-19 08:39	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -18.1 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 22.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 19.5 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
-18.1	0.0					
-19.8	1.7		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 0.5", 0.25" silty pocket @ 1.1', 1.0" whole shell @ 1.3', 2.0" pocket of some shell hash, shell fragments & whole shells up to 1.0" @ 1.6', light gray (2.5Y-7/2), (SW).		1	Sample #1, Depth = 0.8' Mean (mm): 0.26, Phi Sorting: 0.98 Fines (230): 0.95% (SW)
-20.5	2.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), light gray (2.5Y-7/1), (SP).		2	Sample #2, Depth = 2.0' Mean (mm): 0.25, Phi Sorting: 0.84 Fines (230): 0.90% (SP)
			SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.75", (0.5"x0.75") shell fragment @ 7.1', 3.0" silty pocket @ 11.8', 1.5" pocket of little shell hash & shell fragments up to 0.5" @ 12.2', white (N-8/0), (SP).		3	Sample #3, Depth = 7.4' Mean (mm): 0.22, Phi Sorting: 0.43 Fines (230): 1.00% (SP)
-30.3	12.2					
-32.2	14.1		SAND, fine grained, quartz, some shell hash, little clay, trace shell fragments, trace whole shell, shells up to 1.0", (2.0"x2.5") whole shell @ 13.9', dark greenish gray (10Y-4/1), (SW-SC).		VS VC01#5	
-34.1	16.0		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to 1.0", (0.25"x0.75") coral @ 15.7', dark greenish gray (10Y-4/1), (GC).			
-35.8	17.7		Clayey SAND, fine to medium grained, quartz, little shell hash, trace shell fragments & whole shells up to 0.75", dark gray (2.5Y-4/1), (SC).			
-37.6	19.5		Clayey SAND, fine to medium grained, quartz, some shell hash, little shell fragments up to 1.25", trace whole shells up to 1.0", dark gray (2.5Y-4/1), (SC).			
			No Recovery.			
-40.1	22.0					
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19