

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
<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-19-19		<b>LOCATION COORDINATES (ft)</b> X = 1,664,063 Y = 340,958	<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> 6	
<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> 06-23-19 07:45 06-23-19 07:52	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -17.2 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 21.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 19 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
-17.2	0.0					
-17.8	0.6		SAND, fine grained, quartz, trace shell hash, trace silt, color mottled light gray (2.5Y-7/1) and, gray (N-5/0), (SP).		1	Sample #1, Depth = 0.3' Mean (mm): 0.24, Phi Sorting: 0.56 Fines (230): 1.17% (SP)
-19.2	2.0		SAND, fine to medium grained, quartz, some shell hash, trace silt, trace shell fragments up to (0.75"x2.0"), trace whole shells up to 1.0", light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.3' Mean (mm): 0.39, Phi Sorting: 1.49 Fines (230): 0.78% (SW)
-21.1	3.9		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shells up to (0.5"x0.75"), light greenish gray (10Y-8/1), (SW).		3	Sample #3, Depth = 3.0' Mean (mm): 0.29, Phi Sorting: 1.08 Fines (230): 1.09% (SW)
-24.2	7.0		SAND, fine grained, quartz, trace shell hash, trace silt, trace shell fragments up to (1.0"x1.5"), light greenish gray (10Y-8/1), (SW).		4	Sample #4, Depth = 5.2' Mean (mm): 0.31, Phi Sorting: 1.26 Fines (230): 0.95% (SW)
-26.6	9.4		SAND, fine grained, quartz, trace shell hash, trace silt, trace shell fragments up to 0.75", trace whole shells up to (0.25"x0.5"), (0.75"x1.75") shell fragment @ 8.0', light gray (2.5Y-7/1), (SP).		5	Sample #5, Depth = 8.2' Mean (mm): 0.23, Phi Sorting: 0.63 Fines (230): 0.94% (SP)
-27.2	10.0		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), 0.75" shell fragment & (1.0"x2.0") whole shell @ 9.5', greenish gray (10Y-6/1), (SP).		6	Sample #6, Depth = 9.7' Mean (mm): 0.20, Phi Sorting: 0.46 Fines (230): 2.12% (SP)
-29.0	11.8		SAND, fine grained, quartz, little clay, trace shell fragments, trace shell hash, trace whole shell, shells up to (0.75"x1.0"), (1.0"x2.0") some shell hash pocket with organics @ 11.1', dark greenish gray (10Y-4/1), (SW-SC).		VS VC18#6	
-32.5	15.3		Clayey SAND, fine to medium grained, quartz, some shell hash, trace shell fragments & whole shells up to 2.0", (0.25"x0.5") coral @ 14.8', dark greenish gray (10Y-4/1), (GC).			
-34.0	16.8		Clayey SAND, fine to medium grained, quartz, trace shell hash, trace shell fragments & whole shells up to (0.25"x0.5"), dark greenish gray (10Y-4/1), (SC).			
-35.4	18.2		Shelly SAND, fine to medium grained, quartz, trace organics, shell components: shell hash, shell fragments & whole shells up to 1.5", (1.0"x1.5") wood fragment @ 18.1', dark greenish gray (10Y-4/1), (GC).			
-36.2	19.0		SAND, fine grained, quartz, some silt, trace clay, trace organics, trace shell hash, trace wood fragments, wood fragments up to 1.5", very dark grayish brown (10YR-3/2), (SM).			
-38.2	21.0		No Recovery.			
			End of Boring			