

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Mexico Beach Sand Search Bay County, Florida			9. SIZE AND TYPE OF BIT 2.0 In. 10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL Florida State Plane North NAD 1983 NAVD 88	
2. BORING DESIGNATION MBVC-19-20		LOCATION COORDINATES (ft) X = 1,665,053 Y = 340,834		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER
3. DRILLING AGENCY Athena Technologies, Inc.		CONTRACTOR FILE NO.		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 5
4. NAME OF DRILLER Palmer McClellan			13. TOTAL NUMBER CORE BOXES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			14. ELEVATION GROUND WATER	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			15. DATE BORING STARTED COMPLETED 06-23-19 08:14 06-23-19 08:21	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -17.1 Ft.	
8. TOTAL DEPTH OF BORING 21.0 Ft.			17. TOTAL RECOVERY FOR BORING 19.7 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR Kristina McCoy, P.G.	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-17.1	0.0					
-18.0	0.9		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (2.5Y-7/2), (SP).		VS	
-18.5	1.4		SAND, fine to medium grained, quartz, little shell hash, trace silt, trace shell fragments & whole shells up to (0.5"x0.75"), 2.0" whole shell @ 1.3', light gray (2.5Y-7/1), (SW).		VC12#1	Sample #1, Depth = 1.2' Mean (mm): 0.46, Phi Sorting: 1.72 Fines (230): 0.52% (SW)
-19.5	2.4		SAND, fine grained, quartz, trace shell hash, trace silt, trace shell fragments up to 0.5", 1.5" shell fragment @ 1.8', 0.75" whole shell @ 2.2', light gray (2.5Y-7/1), (SW).		1	Sample #2, Depth = 1.9' Mean (mm): 0.31, Phi Sorting: 0.96 Fines (230): 0.58% (SW)
-24.4	7.3		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), shell fragments up to 1.0", 0.5" whole shell @ 4.7', light greenish gray (10Y-8/1), (SP).		2	
-27.4	10.3		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), trace shell fragments up to (0.75"x1.0"), (1.5"x2.0") shell fragment @ 8.6', (0.75"x1.0") whole shell @ 9.7', light greenish gray (10Y-7/1), (SP).		3	Sample #3, Depth = 4.9' Mean (mm): 0.22, Phi Sorting: 0.56 Fines (230): 1.11% (SP)
-27.9	10.8		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), (1.0"x1.5") whole shell @ 10.7', greenish gray (10Y-6/1), (SW).		4	Sample #4, Depth = 8.8' Mean (mm): 0.23, Phi Sorting: 0.84 Fines (230): 1.03% (SP)
-29.3	12.2		SAND, fine grained, quartz, little clay, trace shell hash, trace shell fragments & whole shells up to (1.0"x1.25"), (1.5"x3.0") shell fragment @ 11.5', (0.25"x0.5") wood fragment @ 12.1', dark greenish gray (10Y-4/1), (SW-SC).		5	Sample #5, Depth = 10.5' Mean (mm): 0.25, Phi Sorting: 0.87 Fines (230): 1.35% (SW)
-32.5	15.4		Clayey SAND, fine to medium grained, quartz, some shell hash, trace shell fragments up to 1.5", trace whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).		VS	
-34.1	17.0		SAND, fine to medium grained, quartz, some clay, little shell hash, trace shell fragments & whole shells up to 1.0", dark greenish gray (10Y-4/1), (SC).		VC18#6	
-35.2	18.1		Shelly SAND, fine to medium grained, quartz, some clay, trace organics, shell components: shell hash, shell fragments & whole shells up to 1.25", 0.5" wood fragment @ 17.4', dark greenish gray (10Y-4/1), (GC).			
-36.3	19.2		Silty SAND, fine grained, quartz, little shell hash, trace organics, trace wood fragments, wood fragments up to (1.0"x2.0"), dark gray (2.5Y-4/1), (SM).			
-36.8	19.7		SAND, fine grained, quartz, little silt, trace organics, trace wood fragments, wood fragments up to 2.0", gray (2.5Y-6/1), (SM).			
-38.1	21.0		No Recovery.			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19