

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-19-16		LOCATION COORDINATES (ft) X = 1,664,895 Y = 339,807		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 06-18-19 15:08 06-18-19 15:16	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -16.8 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
-16.8	0.0					
-17.8	1.0		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (2.5Y-7/2), (SP).		VS	
-18.4	1.6		SAND, fine to medium grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shells up to 0.75", (1.25"x1.75") shell fragment @ 1.2', 0.5" silty pocket @ 1.5', light gray (2.5Y-7/1), (SW).		VC12#1	Sample #1, Depth = 1.3' Mean (mm): 0.62, Phi Sorting: 2.03 Fines (230): 0.59% (SW)
-19.8	3.0		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, silty pockets up to 0.25", shell fragments up to (0.5"x0.75"), whole shells up to 0.75", light gray (2.5Y-7/1), (SP).		1	Sample #2, Depth = 2.3' Mean (mm): 0.27, Phi Sorting: 0.57 Fines (230): 0.87% (SP)
-25.3	8.5		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.25", white (N-8/0), (SP).		2	
-28.0	11.2		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), shell fragments up to 0.5", light gray (2.5Y-7/1), (SP).		3	Sample #3, Depth = 5.8' Mean (mm): 0.23, Phi Sorting: 0.38 Fines (230): 0.92% (SP)
-28.4	11.6		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shells up to (0.5"x1.0"), dark greenish gray (10Y-4/1), (SW-SM).		4	Sample #4, Depth = 9.8' Mean (mm): 0.21, Phi Sorting: 0.38 Fines (230): 0.86% (SP)
-29.8	13.0		Clayey SAND, fine to medium grained, quartz, little shell hash, trace shell fragments & whole shells up to 1.0", dark greenish gray (10Y-4/1), (SC).		5	Sample #5, Depth = 11.4' Mean (mm): 0.27, Phi Sorting: 1.42 Fines (230): 7.83% (SW-SM)
-32.2	15.4		Clayey SAND, fine to medium grained, quartz, some shell hash, trace shell fragments & whole shells up to 1.25", (1.75"x2.25") shell fragment @ 15.1', dark greenish gray (10Y-4/1), (GC).			
-33.9	17.1		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).			
-34.8	18.0		Shelly SAND, fine to medium grained, quartz, some clay, trace organics, shells up to 1.5", 2 (0.5"x1.0") wood fragments @ 17.4', dark greenish gray (10Y-4/1), (GC).			
-35.1	18.3		WOOD FRAGMENTS, trace sand, trace shell hash, black (10YR-2/1), (PT).			
-36.5	19.7		SAND, fine grained, quartz, little silt, trace organics, trace shell hash, silty pockets up to 0.75", color mottled light gray (2.5Y-7/1) and, very dark gray (2.5Y-3/1), (SM).			
-37.8	21.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19