

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-19-03		LOCATION COORDINATES (ft) X = 1,664,216 Y = 337,563		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) 4
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 08:10 06-18-19 08:16	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -18.2 Ft.	
8. TOTAL DEPTH OF BORING 22.0 Ft.			17. TOTAL RECOVERY FOR BORING 21 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
-18.2	0.0					
-18.7	0.5		SAND, fine grained, quartz, trace shell hash, trace silt, color mottled light gray (2.5Y-7/2) and, gray (2.5Y-5/1), (SP).		VS VC01#1	Sample #1, Depth = 1.2' Mean (mm): 0.40, Phi Sorting: 1.74 Fines (230): 0.95% (SW)
-20.0	1.8		SAND, fine 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).		1	
-20.8	2.6		SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, silty pockets up to 0.25", shells up to 0.75", light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 2.2' Mean (mm): 0.26, Phi Sorting: 0.90 Fines (230): 1.17% (SW)
			SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, silty pockets up to 0.25", shells up to 0.75", light gray (2.5Y-7/1), (SW).			
			SAND, fine grained, quartz, trace shell fragments, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), 1.75" shell fragment @ 8.8', 1.5" whole shell @ 9.0', white (N-8/0), (SP).		3	Sample #3, Depth = 5.9' Mean (mm): 0.22, Phi Sorting: 0.38 Fines (230): 0.85% (SP)
-27.4	9.2					
			SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x1.0"), 1.0" whole shell @ 11.9', light greenish gray (10Y-7/1), (SP).		4	Sample #4, Depth = 10.6' Mean (mm): 0.21, Phi Sorting: 0.38 Fines (230): 1.20% (SP)
-30.2	12.0					
-31.4	13.2		SAND, fine grained, quartz, some shell hash, little clay, trace shell fragments, trace whole shell, shells up to 0.75", dark greenish gray (10Y-4/1), (SW-SC).		VS VC01#5	
			Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to 1.5", greenish gray (10Y-5/1), (GC).			
-34.1	15.9					
			Clayey SAND, fine to medium grained, quartz, little shell hash, trace shell fragments & whole shells up to 1.0", 0.5" wood fragment @ 17.1', dark gray (2.5Y-4/1), (SC).			
-35.7	17.5					
			Clayey SAND, fine to medium grained, quartz, some shell hash, trace shell fragments & whole shells up to 1.25", dark gray (2.5Y-4/1), (SC).			
-38.4	20.2					
-39.2	21.0		Sandy SILT, trace clay, trace shell hash, trace wood fragments, wood up to 0.25", (0.25"x2.5") wood fragment @ 20.6', color mottled light brownish gray (2.5Y-6/2), gray (10YR-5/1) and, very dark grayish brown (2.5Y-3/2), (ML).			
-40.2	22.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19