

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-19-14		LOCATION COORDINATES (ft) X = 1,668,115 Y = 340,089		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 08:45 06-23-19 08:52	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -16.9 Ft.	
8. TOTAL DEPTH OF BORING 21.0 Ft.			17. TOTAL RECOVERY FOR BORING 20.6 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
-16.9	0.0					
-17.5	0.6		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 0.5", light gray (2.5Y-7/2), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.33, Phi Sorting: 1.38 Fines (230): 0.60% (SW)
-20.1	3.2		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, silty pockets up to 0.25", shells up to 1.0", (1.0"x1.5") shell fragment @ 2.2', light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 1.9' Mean (mm): 0.30, Phi Sorting: 1.36 Fines (230): 0.81% (SW)
-28.0	11.1		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to 0.75", shell fragments up to (0.75"x1.0"), 2 (1.0") whole shells @ 4.8', 1.25" whole shell @ 7.3', (0.5"x0.75") whole shell @ 9.9', light greenish gray (10Y-8/1), (SP).		3	Sample #3, Depth = 7.1' Mean (mm): 0.22, Phi Sorting: 0.35 Fines (230): 0.68% (SP)
-29.3	12.4		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), (0.25"x0.5") shell fragment @ 12.0', greenish gray (10Y-6/1), (SP).		4	Sample #4, Depth = 11.7' Mean (mm): 0.22, Phi Sorting: 0.33 Fines (230): 0.84% (SP)
-29.9	13.0		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, shell fragments up to (0.25"x0.5"), dark greenish gray (10Y-4/1), (SP-SC).		5	Sample #5, Depth = 12.7' Mean (mm): 0.23, Phi Sorting: 0.56 Fines (230): 8.45% (SP-SC)
-33.2	16.3		Shelly SAND, fine to medium grained, quartz, trace clay, shell fragments up to 1.5", whole shells up to (1.5"x2.0"), 0.25" wood fragment @ 14.0', dark greenish gray (10Y-4/1), (GW-GC).		VS VC08#7	
-34.8	17.9		SAND, fine to medium grained, quartz, some clay, little shell hash, trace shell fragments & whole shells up to 0.75", dark greenish gray (10Y-4/1), (SC).			
-36.6	19.7		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments up to 2.0" & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
-37.5	20.6		Silty SAND, fine grained, quartz, trace shell hash, color mottled light brownish gray (10YR-6/2) and, very dark gray (N-3/0), (SM).			
-37.9	21.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19