

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-19-13		LOCATION COORDINATES (ft) X = 1,667,146 Y = 339,928		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 13:14 06-18-19 13:24	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -17.8 Ft.	
8. TOTAL DEPTH OF BORING 21.0 Ft.			17. TOTAL RECOVERY FOR BORING 20 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
-17.8	0.0					
-18.5	0.7		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (2.5Y-7/2), (SP).		VS VC12#1	
-21.6	3.8		SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shells up to 1.0", (1.25"x2.0") shell fragment @ 0.9', (0.25"x0.5") coral @ 1.7', (1.0"x1.5") shell fragments @ 2.1' & 3.6', light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 2.2' Mean (mm): 0.38, Phi Sorting: 1.61 Fines (230): 0.68% (SW)
-26.8	9.0		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), 0.75" whole shells @ 4.5' & 4.8', (0.25"x1.0") silty pocket @ 6.7', light greenish gray (10Y-8/1), (SP).		2	Sample #2, Depth = 6.4' Mean (mm): 0.24, Phi Sorting: 0.39 Fines (230): 1.07% (SP)
-28.7	10.9		SAND, fine grained, quartz, trace silt, silty pockets up to (0.25"x0.5"), (0.5"x1.0") shell fragment @ 10.2', greenish gray (10Y-6/1), (SP).		3	Sample #3, Depth = 9.9' Mean (mm): 0.22, Phi Sorting: 0.48 Fines (230): 1.32% (SP)
-29.4	11.6		SAND, fine grained, quartz, trace clay, trace shell hash, 0.5" whole shell & 0.75" shell fragment @ 11.5', greenish gray (10Y-5/1), (SP).		4	Sample #4, Depth = 11.2' Mean (mm): 0.23, Phi Sorting: 0.62 Fines (230): 4.11% (SP)
-32.3	14.5		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments & whole shells up to 1.25", 1.5" shell fragment @ 14.3', dark greenish gray (10Y-4/1), (GW-GC).		VS VC08#7	
-35.9	18.1		Clayey SAND, fine grained, quartz, trace organics, trace shell hash, trace wood fragments, wood up to (0.75"x1.0"), color mottled gray (2.5Y-6/1), dark gray (N-4/0), (SC).			
-37.4	19.6		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments up to 0.75" & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
-37.8	20.0		Sandy WOOD FRAGMENTS, little organics, little silt, wood up to 2.0", color mottled dark greenish gray (10Y-4/1) and, black (10YR-2/1), (PT).			
-38.8	21.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19