


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Mexico Beach Sand Search Bay County, Florida				
2. BORING DESIGNATION MBVC-19-02		LOCATION COORDINATES (ft) X = 1,665,511 Y = 337,136		9. SIZE AND TYPE OF BIT 2.0 In. 10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL Florida State Plane North NAD 1983 NAVD 88
3. DRILLING AGENCY Athena Technologies, Inc.		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER Palmer McClellan		12. TOTAL SAMPLES		DISTURBED 4 UNDISTURBED (UD)
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		BEARING
6. THICKNESS OF OVERBURDEN 0.0 Ft.		13. TOTAL NUMBER CORE BOXES		14. ELEVATION GROUND WATER
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING		STARTED 06-18-19 07:43 COMPLETED 06-18-19 07:51
8. TOTAL DEPTH OF BORING 22.0 Ft.		16. ELEVATION TOP OF BORING -16.7 Ft.		17. TOTAL RECOVERY FOR BORING 21.5 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
-16.7	0.0					
-17.4	0.7		SAND, fine grained, quartz, trace shell hash, trace silt, 0.25" shell fragment @ 0.6', color mottled light gray (2.5Y-7/2) and, gray (2.5Y-5/1), (SP).		VS VC01#1	
-20.2	3.5		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments up to 1.25", whole shells up to 0.75", silty pockets up to 0.25", 2.0" some shell hash pocket @ 0.8', light gray (2.5Y-7/1), (SW).		1	Sample #1, Depth = 2.1' Mean (mm): 0.29, Phi Sorting: 1.14 Fines (230): 1.17% (SW)
-22.1	5.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to 0.5", shell fragments up to 0.75", 1.5" little shell hash pocket @ 3.6', 0.75" whole shell @ 3.8', 2.0" shell fragment @ 4.9', white (2.5Y-8/1), (SP).		2	Sample #2, Depth = 4.5' Mean (mm): 0.25, Phi Sorting: 0.60 Fines (230): 0.93% (SP)
-27.8	11.1		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to 0.25", shell fragments up to (0.5"x1.0"), white (N-8/0), (SP).		3	Sample #3, Depth = 8.3' Mean (mm): 0.23, Phi Sorting: 0.37 Fines (230): 1.71% (SP)
-30.2	13.5		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x1.0"), 0.75" whole shell @ 13.1', light greenish gray (10Y-7/1), (SP).		4	Sample #4, Depth = 12.3' Mean (mm): 0.22, Phi Sorting: 0.42 Fines (230): 1.28% (SP)
-31.5	14.8		SAND, fine grained, quartz, some shell hash, little clay, trace shell fragments, trace whole shell, shells up to 0.75", (1.0"x1.5") whole shell @ 14.2', dark greenish gray (10Y-4/1), (SW-SC).		VS VC01#5	
-33.7	17.0		Shelly SAND, fine to medium grained, quartz, some clay, trace coral, shell components: shell hash, shell fragments & whole shells up to 1.5", coral up to (0.25"x1.25"), greenish gray (10Y-5/1), (GC).			
-36.3	19.6		SAND, fine to medium grained, quartz, some clay, little shell hash, trace shell fragments up to 1.0", some shell hash from 18.6' to 19.2', (0.5"x1.0") wood fragments @ 17.7' & 18.1', (0.5"x2.5") wood fragment @ 18.0', dark gray (2.5Y-4/1), (SC).			
-38.2	21.5		Sandy SILT, trace clay, trace shell hash, (1.0"x1.25") wood fragment @ 20.9', color mottled light brownish gray (2.5Y-6/2), gray (10YR-5/1) and, very dark grayish brown (2.5Y-3/2), (ML).			
-38.7	22.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19