


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Mexico Beach Sand Search Bay County, Florida				
2. BORING DESIGNATION MBVC-19-15		LOCATION COORDINATES (ft) X = 1,663,261 Y = 339,972		9. SIZE AND TYPE OF BIT 2.0 In. 10. COORDINATE SYSTEM/DATUM Florida State Plane North HORIZONTAL NAD 1983 VERTICAL 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 7		13. TOTAL NUMBER CORE BOXES
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING	14. ELEVATION GROUND WATER
6. THICKNESS OF OVERBURDEN 0.0 Ft.		15. DATE BORING 06-18-19 14:42		COMPLETED 06-18-19 14:48
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		16. ELEVATION TOP OF BORING -18.7 Ft.		17. TOTAL RECOVERY FOR BORING 17.4 Ft.
8. TOTAL DEPTH OF BORING 20.0 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
-18.7	0.0					
-19.7	1.0		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.25", (0.5"x0.75") shell fragment @ 0.8', gray (2.5Y-5/1), (SP).		1	Sample #1, Depth = 0.5' Mean (mm): 0.21, Phi Sorting: 0.58 Fines (230): 1.15% (SP)
-20.1	1.4		SAND, fine to medium grained, quartz, some shell hash, trace silt, trace shell fragments & whole shells up to 0.75", (1.25"x1.5") whole shell @ 1.1', light gray (2.5Y-7/1), (SW).		VS	
-20.9	2.2		SAND, fine grained, quartz, little shell hash, trace silt, silty pockets up to 0.25", trace shell fragments up to 0.5", light gray (2.5Y-7/1), (SP).		2	Sample #2, Depth = 1.8' Mean (mm): 0.27, Phi Sorting: 0.85 Fines (230): 0.88% (SP)
-21.8	3.1		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets & trace shell fragments up to (0.75"x1.25"), white (N-8/0), (SP).		4	Sample #3, Depth = 3.4' Mean (mm): 0.36, Phi Sorting: 1.37 Fines (230): 0.59% (SW)
-22.4	3.7		SAND, fine grained, quartz, little shell hash, trace silt, trace shell fragments & whole shells up to 1.25", white (2.5Y-8/1), (SW).		3	Sample #4, Depth = 5.7' Mean (mm): 0.22, Phi Sorting: 0.60 Fines (230): 1.13% (SP)
-26.5	7.8		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.25", trace shell fragments up to 0.75", (0.5"x1.0") silty pocket @ 4.5', white (N-8/0), (SP).		5	Sample #5, Depth = 8.4' Mean (mm): 0.24, Phi Sorting: 0.92 Fines (230): 0.90% (SW)
-27.8	9.1		SAND, fine grained, quartz, little shell hash, trace silt, trace shell fragments & whole shells up to (0.5"x0.75"), (0.75"x1.5") shell fragment @ 8.4', light gray (2.5Y-7/1), (SW).		6	Sample #6, Depth = 9.5' Mean (mm): 0.21, Phi Sorting: 0.60 Fines (230): 1.36% (SP)
-28.6	9.9		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.5"), gray (2.5Y-6/1), (SP).		7	Sample #7, Depth = 10.5' Mean (mm): 0.24, Phi Sorting: 1.33 Fines (230): 3.81% (SW)
-29.7	11.0		SAND, fine grained, quartz, little shell hash, trace clay, trace shell fragments & whole shells up to 1.25", dark greenish gray (10Y-4/1), (SW).			
-33.3	14.6		Clayey SAND, fine to medium grained, quartz, little shell hash, trace shell fragments up to (0.75"x1.5"), trace whole shells up to 1.25", dark greenish gray (10Y-4/1), (SC).			
-34.6	15.9		Clayey SAND, fine to medium grained, quartz, little shell hash, 0.75" whole shell @ 15.3', (0.5"x1.5") shell fragment @ 15.4', dark greenish gray (10Y-4/1), (SC).			
-35.5	16.8		Shelly SAND, fine to medium grained, quartz, some clay, shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
-36.1	17.4		SAND, fine grained, quartz, trace shell hash, trace silt, trace shell fragments up to 0.5", gray (2.5Y-6/1), (SP).			
-38.7	20.0		No Recovery.			
			End of Boring			

MEXICO BEACH 2019 VIBRACORES.GPJ 10/1/19