

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-19-11		LOCATION COORDINATES (ft) X = 1,665,566 Y = 339,430	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 12:24 06-18-19 12:30	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -17.8 Ft.	
8. TOTAL DEPTH OF BORING 20.0 Ft.			17. TOTAL RECOVERY FOR BORING 18.8 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					
-18.7	0.9		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (2.5Y-7/2), (SP).		VS VC12#1	Sample #1, Depth = 1.4' Mean (mm): 0.41, Phi Sorting: 1.71 Fines (230): 0.55% (SW)
-19.7	1.9		SAND, fine grained, quartz, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), whole shells up to 1.25", (1.0"x1.5") silty pocket @ 1.8', light gray (2.5Y-7/1), (SW).		1	
			SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, silty pockets up to (0.25"x0.75"), shells up to (0.5"x0.75"), 1.25" whole shell @ 7.0', white (N-8/0), (SP).		2	Sample #2, Depth = 5.4' Mean (mm): 0.24, Phi Sorting: 0.41 Fines (230): 0.54% (SP)
-26.7	8.9					
			SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, silty pockets up to (0.5"x1.0"), shell fragments up to 0.75", 0.75" whole shell @ 12.3', light gray (2.5Y-7/1), (SP).		3	Sample #3, Depth = 10.5' Mean (mm): 0.21, Phi Sorting: 0.38 Fines (230): 0.87% (SP)
-30.1	12.3					
-30.8	13.0		SAND, fine grained, quartz, little shell hash, trace clay, trace shell fragments, trace silt, trace whole shell, shell fragments up to (0.5"x0.75"), whole shells up to (0.75"x1.25"), dark greenish gray (10Y-4/1), (SW-SM).		4	Sample #4, Depth = 12.6' Mean (mm): 0.38, Phi Sorting: 1.95 Fines (230): 6.36% (SW-SM)
-32.0	14.2				VS VC08#7	
-32.7	14.9		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments & whole shells up to (0.75"x1.25"), 1.75" whole shell @ 13.0', dark greenish gray (10Y-4/1), (GW-GC).			
-35.2	17.4					
-36.2	18.4		SAND, fine to medium grained, quartz, some clay, little shell hash, trace shell fragments & whole shells up to 1.0", 1.5" whole shell @ 14.6', dark greenish gray (10Y-4/1), (SC).			
-36.6	18.8					
-37.8	20.0		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments up to 1.5" & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
			Sandy SHELL, some clay, shell components: shell hash, shell fragments & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
			SAND, fine grained, quartz, trace silt, light gray (2.5Y-7/1), (SP-SM).			
			No Recovery.			
			End of Boring			