

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-19-01		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER		
3. DRILLING AGENCY Athena Technologies, Inc.		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 06-18-19 07:15 06-18-19 07:24		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		16. ELEVATION TOP OF BORING -18.0 Ft.		
8. TOTAL DEPTH OF BORING 22.0 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
-18.0	0.0					
-18.6	0.6		SAND, fine grained, quartz, trace shell hash, trace silt, color mottled light gray (2.5Y-7/2) and, gray (2.5Y-5/1), (SP).		1	Sample #1, Depth = 0.3' Mean (mm): 0.20, Phi Sorting: 0.53 Fines (230): 1.18% (SP)
-20.4	2.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments up to (0.75"x1.0"), whole shells up to 1.0", 1.5" some shell hash pocket @ 0.7', 0.5" silty organic pocket @ 1.1', (1.0"x1.5") & (0.75"x1.5") shell fragments @ 2.3', light gray (2.5Y-7/1), (SP).		2	Sample #2, Depth = 1.5' Mean (mm): 0.25, Phi Sorting: 0.73 Fines (230): 1.03% (SP)
			SAND, fine grained, quartz, trace shell hash, trace silt, silt includes silty pockets up to 0.25", 2 (0.5"x0.75") shell fragments @ 3.7' & 8.1', (0.75"x1.0") whole shell @ 5.4', white (N-8/0), (SP).		3	Sample #3, Depth = 5.9' Mean (mm): 0.23, Phi Sorting: 0.34 Fines (230): 0.86% (SP)
-27.5	9.5					
			SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to (0.25"x0.75"), 0.5" shell fragment @ 9.8', (0.5"x0.75") shell fragment @ 11.7', 1.5" pocket of silty shell hash & fragments up to 0.5" @ 12.4', light greenish gray (10Y-8/1), (SP).		4	Sample #4, Depth = 11.0' Mean (mm): 0.24, Phi Sorting: 0.41 Fines (230): 1.12% (SP)
-30.5	12.5					
			SAND, fine grained, quartz, some shell hash, little clay, trace shell fragments, trace whole shell, shells up to 0.75", 1.25" whole shell @ 13.3', dark greenish gray (10Y-4/1), (SW-SC).		5	Sample #5, Depth = 13.4' Mean (mm): 0.49, Phi Sorting: 1.96 Fines (230): 11.04% (SW-SC)
-32.2	14.2					
			Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to (1.0"x1.25"), greenish gray (10Y-5/1), (GC).			
-34.5	16.5					
			SAND, fine to medium grained, quartz, some clay, little shell hash, trace organics, trace shell fragments up to 0.75", (0.75"x3.0") wood fragment @ 17.5', 0.75" wood fragment @ 17.8', dark gray (2.5Y-4/1), (SC).			
-35.9	17.9					
			Clayey SAND, fine to medium grained, quartz, some shell hash, trace organics, trace shell fragments & whole shells up to 1.25", 1.5" wood fragments @ 19.0' & 19.2', dark gray (2.5Y-4/1), (SC).			
-37.9	19.9					
			Sandy SILT, trace clay, trace shell hash, 1.0" wood fragment @ 21.2', color mottled light brownish gray (2.5Y-6/2), gray (10YR-5/1) and, very dark grayish brown (2.5Y-3/2), (ML).			
-39.5	21.5					
-40.0	22.0		No Recovery.			
			End of Boring			