

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-19-05		LOCATION COORDINATES (ft) X = 1,664,065 Y = 338,329		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) 6
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 08:55 06-18-19 09:06	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -18.6 Ft.	
8. TOTAL DEPTH OF BORING 23.0 Ft.			17. TOTAL RECOVERY FOR BORING 22.8 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR Alexandra Valente	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-18.6	0.0					
-19.5	0.9		SAND, fine grained, quartz, trace shell hash, trace silt, 0.75" shell fragment @ 0.5', 0.5" shell fragment @ 0.8', white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.5' Mean (mm): 0.26, Phi Sorting: 0.51 Fines (230): 0.80% (SP)
-22.3	3.7		SAND, fine grained, quartz, trace shell fragments, trace silt, silty pockets up to 0.25", shell fragments up to (0.5"x0.75"), 2 (1.0") & 1 (1.25") whole shells & (0.75"x2.0") shell fragment @ 1.2', (0.5"x1.75") shell fragment @ 1.3', light gray (2.5Y-7/1), (SP).		2	Sample #2, Depth = 2.3' Mean (mm): 0.25, Phi Sorting: 0.42 Fines (230): 0.96% (SP)
-27.7	9.1		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, silty pockets & shells up to (0.25"x0.5"), 3 shell fragments up to (1.0"x1.75") @ 4.1', (0.75"x1.25") shell fragment @ 5.5', (1.5"x2.0") whole shell @ 6.3', white (N-8/0), (SP).		3	Sample #3, Depth = 5.4' Mean (mm): 0.24, Phi Sorting: 0.56 Fines (230): 0.89% (SP)
-29.7	11.1		SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.25", light gray (5Y-7/1), (SP).		4	Sample #4, Depth = 10.1' Mean (mm): 0.21, Phi Sorting: 0.45 Fines (230): 1.24% (SP)
-30.6	12.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", (0.75"x1.5") shell fragment @ 11.4', color mottled light gray (2.5Y-7/1) and, light olive gray (5Y-6/2), (SW).		5	Sample #5, Depth = 11.4' Mean (mm): 0.33, Phi Sorting: 1.36 Fines (230): 2.02% (SW)
-33.7	15.1		Shelly SAND, fine to medium grained, quartz, trace clay, shell components: shell hash, shell fragments & whole shells up to 1.5", 1.0" coral @ 14.8', dark greenish gray (10Y-4/1), (GW-GC).		6	Sample #6, Depth = 13.5' Mean (mm): 0.66, Phi Sorting: 2.21 Fines (230): 6.54% (SW-SC)
-35.3	16.7		Clayey SAND, fine to medium grained, some shell hash, some silt, trace wood fragments, trace shell fragments & whole shells up to 0.5", wood up to (1.0"x2.0"), dark gray (2.5Y-4/1), (SC).			
-37.5	18.9		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to (1.0"x1.5"), color mottled gray (2.5Y-6/1) and, dark gray (2.5Y-4/1), (GC).			
-41.4	22.8		Sandy SILT, trace shell hash, 0.5" whole shell @ 19.1', 0.75" whole shell @ 19.2', color mottled light gray (2.5Y-7/2) and, dark grayish brown (10YR-4/2), (ML).			
-41.6	23.0		No Recovery.			
			End of Boring			