

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-19-18		LOCATION COORDINATES (ft) X = 1,664,148 Y = 340,191		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.		
4. NAME OF DRILLER Palmer McClellan			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 6	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES 14. ELEVATION GROUND WATER	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			15. DATE BORING STARTED COMPLETED 06-18-19 16:09 06-18-19 16:16	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -17.4 Ft.	
8. TOTAL DEPTH OF BORING 22.0 Ft.			17. TOTAL RECOVERY FOR BORING 21 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
-17.4	0.0					
-18.2	0.8		SAND, fine grained, quartz, trace organics, trace shell hash, trace silt, silty pockets & trace shell fragments up to (0.25"x0.5"), color mottled light gray (2.5Y-7/2) and, gray (2.5Y-5/1), (SP).		1	Sample #1, Depth = 0.4' Mean (mm): 0.22, Phi Sorting: 0.47 Fines (230): 1.16% (SP)
-18.6	1.2				2	
-19.7	2.3		SAND, fine to medium grained, quartz, some shell hash, trace silt, trace shell fragments & whole shells up to 0.75", 1.25" whole shell @ 1.1', light gray (2.5Y-7/1), (SW).		3	Sample #2, Depth = 1.0' Mean (mm): 0.49, Phi Sorting: 1.90 Fines (230): 0.94% (SW)
			SAND, fine grained, quartz, little shell hash, trace silt, silty pockets up to 0.25", trace shell fragments up to (0.5"x0.75"), white (N-8/0), (SP).		4	Sample #3, Depth = 1.7' Mean (mm): 0.28, Phi Sorting: 0.84 Fines (230): 1.09% (SP)
			SAND, fine grained, quartz, trace shell hash, trace silt, silty pockets up to 0.25", trace shell fragments up to (0.5"x1.0"), 1.0" whole shell @ 6.2', (2.0"x2.5") shell hash pocket @ 6.3', (0.75"x2.0") shell hash pocket @ 6.8', (1.5"x2.0") shell fragment @ 8.0', white (N-8/0), (SP).		5	Sample #4, Depth = 5.3' Mean (mm): 0.22, Phi Sorting: 0.56 Fines (230): 1.11% (SP)
-25.8	8.4				6	
-27.7	10.3		SAND, fine grained, quartz, trace shell fragments, trace silt, silty pockets & shell fragments up to (0.25"x0.5"), silty lamina @ 8.5', gray (2.5Y-6/1), (SP).		5	Sample #5, Depth = 9.4' Mean (mm): 0.20, Phi Sorting: 0.51 Fines (230): 1.60% (SP)
-28.6	11.2		SAND, fine to coarse grained, quartz, little clay, trace shell fragments, trace shell hash, trace whole shell, shells up to 0.75", 2.0" some shell hash pocket @ 11.1', dark greenish gray (10Y-4/1), (SW-SC).		6	Sample #6, Depth = 10.8' Mean (mm): 0.24, Phi Sorting: 1.21 Fines (230): 11.35% (SW-SC)
			Clayey SAND, fine to medium grained, quartz, some shell hash, trace shell fragments & whole shells up to 1.25", dark greenish gray (10Y-4/1), (GC).			
-33.2	15.8					
-35.4	18.0		Shelly SAND, fine to medium grained, quartz, some clay, shell components: shell hash, shell fragments & whole shells up to 1.5", dark greenish gray (10Y-4/1), (GC).			
-36.7	19.3		Silty SAND, fine grained, quartz, little shell hash, trace clay, trace organics, trace shell fragments up to 0.5", color mottled light gray (2.5Y-7/1) and, gray (2.5Y-5/1), (SM).			
-38.4	21.0		Silty SAND, fine grained, quartz, trace clay, trace organics, trace shell hash, (1.5"x9.0") wood fragment @19.7', color mottled light gray (2.5Y-7/1) and, gray (2.5Y-5/1), (SM).			
-39.4	22.0		No Recovery.			
			End of Boring			