

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Inventory of Potential Beach Nourishment and Coastal Restoration Sand Sources on the Atlantic OCS			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION FL-BOEM-2015-VC16			10. COORDINATE SYSTEM/DATUM UTM 17	
3. DRILLING AGENCY American Vibracore Services, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Brian McCord			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING STARTED COMPLETED 08-15-15 13:20 08-15-15 13:23	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -54.0 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.9 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR SMT	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-54.0	0.0					
-60.0	6.0		SAND, fine grained, quartz, trace shell hash, trace silt, silt distributed in silty pockets up to 0.25" and throughout layer, (0.5" x 0.25") shell fragment @ 2.0', gray (5Y-5/1), (SP).		1	Sample #1, Depth = 3.0' Mean (mm): 0.20, Phi Sorting: 0.56 Fines (230): 1.97% (SP)
-63.4	9.4		SAND, fine grained, quartz, trace shell hash, trace silt, 1.0" shell fragment @ 8.0', gray (5Y-5/1), (SP).		2	Sample #2, Depth = 7.7' Mean (mm): 0.18, Phi Sorting: 0.60 Fines (230): 2.49% (SP)
-63.8	9.8		SAND, fine grained, quartz, little silt, trace shell hash, 1.0" silt pocket @ 9.5', clayey lamina @ 9.7', dark gray (5Y-4/1), (SM).		3	Sample #3, Depth = 9.6' Mean (mm): 0.17, Phi Sorting: 0.64 Fines (230): 15.92% (SM)
-64.2	10.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments up to 0.5", whole shells up to 0.75", 3 whole shells @ 10.1' (2 = 2.0" x 0.5", 1 = 1.5" x 0.5"), (1.25" x 1.0") shell fragment @ 10.1', dark gray (5Y-4/1), (SW).		4	Sample #4, Depth = 10.0' Mean (mm): 0.35, Phi Sorting: 1.41 Fines (230): 2.72% (SW)
-68.6	14.6		SAND, fine grained, quartz, trace shell hash, trace silt, silt increases with depth, dark gray (2.5Y-4/1), (SW).		5	Sample #5, Depth = 12.4' Mean (mm): 0.19, Phi Sorting: 0.90 Fines (230): 4.32% (SW)
-69.4	15.4		SAND, fine grained, quartz, trace shell hash, trace silt, dark gray (5Y-4/1), (SP-SM).		6	Sample #6, Depth = 15.2' Mean (mm): 0.17, Phi Sorting: 0.80 Fines (230): 7.97% (SP-SM)
-70.5	16.5		Shelly SAND, fine grained, quartz, trace silt, shell components are shell hash and shell fragments up to 0.75", dark gray (2.5Y-4/1), (SW-SM).		7	Sample #7, Depth = 15.8' Mean (mm): 0.56, Phi Sorting: 1.47 Fines (230): 5.60% (SW-SM)
-71.3	17.3		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, 1.0" whole shell @ 17.2', dark gray (2.5Y-4/1), (SW-SC).		8	Sample #8, Depth = 16.8' Mean (mm): 0.20, Phi Sorting: 1.15 Fines (230): 7.56% (SW-SC)
-73.9	19.9		CLAY, firm, color is mottled (2.5Y-5/6) and, dark greenish gray (5GY-4/1), (CL).			
-74.0	20.0		No Recovery.			
			End of Boring			