

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-VC18			10. COORDINATE SYSTEM/DATUM UTM 17	
3. DRILLING AGENCY American Vibracore Services, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL Alpine Pneumatic Vibracore	
4. NAME OF DRILLER Brian McCord			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 20.0 Ft.			15. DATE BORING 08-15-15 10:45 STARTED 08-15-15 10:45 COMPLETED	
			16. ELEVATION TOP OF BORING -57.3 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
-57.3	0.0					
-60.6	3.3		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 0.5", (2.0" x 0.5") shell fragment @ 0.4', gray (5Y-5/1), (SW).		1	Sample #1, Depth = 1.7' Mean (mm): 0.29, Phi Sorting: 1.02 Fines (230): 1.43% (SW)
-64.4	7.1		SAND, fine grained, quartz, trace shell hash, trace silt, (0.5" x 0.25") shell fragment @ 4.8', 0.5" whole shell and 1.0" silt pocket @ 5.3', gray (5Y-5/1), (SP).		2	Sample #2, Depth = 4.9' Mean (mm): 0.17, Phi Sorting: 0.61 Fines (230): 2.31% (SP)
-67.8	10.5		SAND, fine grained, quartz, trace shell hash, trace silt, silt distributed in silty pockets up to 0.5" and throughout layer, 0.25" shell fragment @ 8.4', gray (5Y-5/1), (SP).		3	Sample #3, Depth = 8.4' Mean (mm): 0.17, Phi Sorting: 0.59 Fines (230): 3.24% (SP)
-70.7	13.4		SAND, fine grained, quartz, trace shell hash, trace silt, (1.5" x 1.0") shell fragment @ 12.0', 0.5" shell fragment @ 12.1', silt increases with depth, clayey silt pocket @ 13.0', dark gray (5Y-4/1), (SP-SM).		4	Sample #4, Depth = 12.2' Mean (mm): 0.15, Phi Sorting: 0.74 Fines (230): 5.37% (SP-SM)
-71.5	14.2		Shelly SAND, fine grained, quartz, little silt, shell components are shell hash and shell fragments up to 1.0", (2.25" x 0.5") shell fragment @ 13.4', dark gray (5Y-4/1), (SM).			
-72.1	14.8		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, whole shells and shell fragments up to 1.0", dark gray (5Y-4/1), (SM).			
-76.0	18.7		CLAY, firm, trace rock fragments, dark greenish gray (5G-4/1), (CL).			
-77.2	19.9		Sandy CLAY, trace rock fragments, trace shell hash, trace silt, greenish gray (5G-5/1), (CL).			
-77.3	20.0		No Recovery.			
			End of Boring			

LOUISIANA FL BOEM 2015 VC.GPJ JPBRAZIL.GDT 9/12/16