

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
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-VC21			10. COORDINATE SYSTEM/DATUM UTM 17	HORIZONTAL NAD 1983
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 18:21 08-15-15 18:24	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -50.8 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.8 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR BF	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-50.8	0.0					
-52.3	1.5		SAND, fine grained, quartz, trace shell hash, trace silt, silt increases with depth, dark gray (5Y-4/1), (SW-SM).		1	Sample #1, Depth = 0.8' Mean (mm): 0.17, Phi Sorting: 0.90 Fines (230): 6.78% (SW-SM)
-56.8	6.0		SAND, fine grained, quartz, little silt, trace clay, trace shell fragments, trace shell hash, shell fragments up to 0.5", silt and clay distributed in laminae, silt increases with depth, (0.75" x 0.5") shell fragment @ 3.2', (2.0" x 1.75") whole shell @ 4.7', (1.0" x 0.75") shell fragment @ 4.9', 1.5" whole shell @ 5.0', very dark gray (5Y-3/1), (SM).		2	Sample #2, Depth = 4.0' Mean (mm): 0.16, Phi Sorting: 1.04 Fines (230): 16.19% (SM)
-58.5	7.7		CLAY, soft, some sand, trace shell hash, sand distributed in laminae, 1.0" sand pocket and (1.5" x 0.75") shell fragment @ 7.6', dark gray (5Y-4/1), (CL).			
-62.0	11.2		Shelly CLAY, trace sand, trace silt, shell components are shell hash, shell fragments and whole shells up to 1.5", 2.0" shell fragment @ 9.3', 3.0" shelly sand pocket @ 9.7', shell component is shell hash, 4.0" shelly sand pocket @ 10.3', shell components are shell hash and shell fragments up to 0.5", 1.0" sand pocket @ 11.1', dark gray (5Y-4/1), (CL).			
-64.9	14.1		CLAY, soft, 2.0" sand pocket @ 12.7', dark gray (N-4/0), (CL).		T1	Sample #T1, Depth = 13.0' Ave. Field Vane (tsf): 0.49
-65.8	15.0		Shelly SAND, fine grained, quartz, little silt, shell components are shell hash and shell fragments up to 0.5", (2.0" x 1.0") clay pocket @ 14.7', dark gray (5Y-4/1), (SW-SM).		3	Sample #3, Depth = 14.5' Mean (mm): 0.55, Phi Sorting: 1.22 Fines (230): 10.42% (SW-SM)
-66.3	15.5				T2	Sample #T2, Depth = 15.2' Ave. Field Vane (tsf): 0.51
-67.1	16.3		CLAY, firm, dark gray (N-4/0), (CL).		4	Sample #4, Depth = 16.0' Mean (mm): 0.30, Phi Sorting: 1.06 Fines (230): 23.83% (SC)
-70.6	19.8		SAND, fine grained, quartz, some clay, trace shell hash, trace silt, clay distributed in laminae, dark gray (5Y-4/1), (SC).		5	Sample #5, Depth = 18.2' Mean (mm): 0.31, Phi Sorting: 0.80 Fines (230): 5.32% (SP-SM)
-70.8	20.0		SAND, fine grained, quartz, trace clay, trace silt, clay and silt distributed in laminae, dark olive gray (5Y-3/2), (SP-SM).			
			No Recovery.			
			End of Boring			

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