

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-VC10			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 Justin Robertson			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 08-14-15 13:59 08-14-15 14:01	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -60.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.7 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR KM	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-60.9	0.0					
-61.6	0.7		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (5Y-4/1), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.31, Phi Sorting: 1.16 Fines (230): 1.30% (SW)
			SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to (1.0" x 0.5"), (1.25" x 1.0") shell fragment @ 1.8', (1.5" x 1.0") shell fragment @ 3.2', gray (5Y-5/1), (SW).		2	Sample #2, Depth = 2.5' Mean (mm): 0.25, Phi Sorting: 0.88 Fines (230): 1.47% (SW)
-64.9	4.0					
-65.8	4.9		SAND, fine grained, quartz, trace shell hash, trace silt, gray (5Y-5/1), (SP).		3	Sample #3, Depth = 4.4' Mean (mm): 0.20, Phi Sorting: 0.54 Fines (230): 1.74% (SP)
-67.4	6.5		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to 0.75", 0.25" silty pocket @ 5.6', gray (5Y-5/1), (SP).		4	Sample #4, Depth = 5.7' Mean (mm): 0.22, Phi Sorting: 0.61 Fines (230): 1.86% (SP)
-69.1	8.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to 0.75", (1.25" x 1.0") whole shell @ 7.2', (1.0" x 3.0") silty pocket @ 8.1', dark gray (5Y-4/1), (SW-SM).		5	Sample #5, Depth = 7.3' Mean (mm): 0.22, Phi Sorting: 1.29 Fines (230): 4.95% (SW-SM)
-69.5	8.6				6	Sample #6, Depth = 8.4' Mean (mm): 0.46, Phi Sorting: 1.81 Fines (230): 4.51% (SW)
-71.4	10.5		SHELL, trace silt, shell components are shell hash and shell fragments up to 0.75", (1.25" x 1.0") shell fragment @ 8.4', dark gray (5Y-4/1), (SW).		7	Sample #7, Depth = 9.6' Mean (mm): 0.16, Phi Sorting: 1.00 Fines (230): 11.23% (SM)
-73.3	12.4		SAND, fine grained, quartz, little shell hash, little silt, (2.0" x 1.5") shell fragment @ 8.9', dark greenish gray (10Y-4/1), (SM).			
-74.6	13.7		Clayey SHELL, shell components are shell hash and shell fragments up to (1.5" x 1.0"), (3.0" x 1.75") shell fragment @ 11.0', 1.5" whole shell @ 11.3', dark greenish gray (5GY-4/1), (GC).			
-77.4	16.5		CLAY, soft, little shell hash, dark gray (N-4/0), (CL).			
			Clayey SHELL HASH, little sand, 1.5" whole shell @ 15.0', 3.0" clay pocket @ 16.4', dark gray (N-4/0), (GC).			
-80.6	19.7		SHELL HASH, little clay, little sand, little shell fragments, shell fragments up to 0.5", (2.5" x 1.5") shell fragment @ 19.7', dark gray (N-4/0), (GC).			
-80.9	20.0		No Recovery.			
			End of Boring			

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