


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-VC19				10. COORDINATE SYSTEM/DATUM UTM 17		HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services, Inc.				11. MANUFACTURER'S DESIGNATION OF DRILL Alpine Pneumatic Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Brian McCord				12. TOTAL SAMPLES		DISTURBED	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				14. ELEVATION GROUND WATER		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -49.6 Ft.		STARTED 08-15-15 09:35	
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 18.7 Ft.		COMPLETED 08-15-15 09:38	
				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	
-49.6	0.0						
-53.7	4.1		SAND, fine grained, quartz, trace shell hash, trace silt, (2.0" x 1.25") shell hash pocket @ 0.7', (1.0" x 0.5") whole shell @ 3.3', (1.5" x 0.5") shell fragment @ 3.5', shell hash increases with depth, gray (5Y-6/1), (SP).		1	Sample #1, Depth = 2.0' Mean (mm): 0.21, Phi Sorting: 0.62 Fines (230): 1.35% (SP)	
-54.2	4.6		Shelly SAND, fine grained, quartz, trace silt, shell components are shell hash, shell fragments up to 0.5" and whole shells up to 1.0", gray (2.5Y-5/1), (SW).		2	Sample #2, Depth = 4.4' Mean (mm): 0.46, Phi Sorting: 1.82 Fines (230): 1.45% (SW)	
-56.6	7.0		SAND, fine grained, quartz, trace shell hash, trace silt, (1.0" x 1.5") shell fragment @ 5.2', gray (5Y-5/1), (SP).		1		
-58.8	9.2		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments up to 1.0", whole shells up to 0.5", (1.5" x 0.5") shell fragment @ 7.5', silt distributed in silty pockets up to 0.5" and throughout layer, dark gray (5Y-4/1), (SP).		3	Sample #3, Depth = 8.1' Mean (mm): 0.20, Phi Sorting: 0.71 Fines (230): 2.66% (SP)	
-59.3	9.7		Shelly SAND, fine grained, quartz, trace silt, shell components are shell hash, shell fragments and whole shells up to 1.0", gray (5Y-5/1), (SW).		2		
-62.4	12.8		SAND, fine grained, quartz, trace shell hash, trace silt, 1.25" whole shell @ 12.6', silt distributed in silty pockets up to 1.0" and throughout layer, shell hash increases with depth, gray (5Y-5/1), (SP).		1		
-68.3	18.7		SAND, fine grained, quartz, little silt, trace clay, trace shell fragments, trace shell hash, shell fragments up to 1.1", (2.0" x 1.0") whole shell @ 14.6', (1.75" x 1.0") shell fragment @ 16.0', (1.25" x 1.0") whole shell @ 17.2', dark olive gray (5Y-3/2), (SM).		4	Sample #4, Depth = 15.1' Mean (mm): 0.19, Phi Sorting: 1.09 Fines (230): 13.32% (SM)	
-69.6	20.0		No Recovery.				
			End of Boring				

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