


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-VC25				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 -45.9 Ft.		STARTED 08-16-15 12:14	
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 19.4 Ft.		COMPLETED 08-16-15 12:15	
				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	
-45.9	0.0						
-48.7	2.8		SAND, fine grained, quartz, trace shell hash, trace silt, (2.0" x 0.5") silt pocket @ 1.2', (0.75" x 0.5") whole shell @ 2.0', 1.0" whole shell @ 2.5', olive gray (5Y-5/2), (SP).		1	Sample #1, Depth = 1.4' Mean (mm): 0.21, Phi Sorting: 0.62 Fines (230): 2.17% (SP)	
-49.9	4.0		SAND, fine grained, quartz, trace shell hash, trace silt, (1.0" x 0.5") clayey silt pocket @ 3.5', (1.5" x 1.0") clayey silt pocket @ 3.7', dark gray (5Y-4/1), (SW-SM).		2	Sample #2, Depth = 3.3' Mean (mm): 0.19, Phi Sorting: 0.87 Fines (230): 8.29% (SW-SM)	
-51.1	5.2		SAND, fine grained, quartz, little silt, trace shell hash, 0.5" shell fragment and whole shell @ 4.1', very dark gray (5Y-3/1), (SM).		3	Sample #3, Depth = 4.6' Mean (mm): 0.14, Phi Sorting: 0.80 Fines (230): 14.97% (SM)	
-52.2	6.3		SAND, fine grained, quartz, little silt, trace shell hash, (2.0" x 1.0") clayey pocket @ 5.7', (2.0" x 1.0") shell fragment @ 5.9', very dark gray (5Y-3/1), (SM).		4	Sample #4, Depth = 5.8' Mean (mm): 0.14, Phi Sorting: 0.88 Fines (230): 17.55% (SM)	
-53.2	7.3		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, shell fragments up to 1.0", 1.0" whole shell @ 6.4', (2.0" x 1.0") shell fragment @ 6.5', very dark gray (5Y-3/1), (SM).		5	Sample #5, Depth = 6.7' Mean (mm): 0.24, Phi Sorting: 1.82 Fines (230): 17.33% (SM)	
-55.1	9.2		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, shell fragments up to 1.0", 1.0" whole shell @ 6.4', (2.0" x 1.0") shell fragment @ 6.5', very dark gray (5Y-3/1), (SM).		6	Sample #6, Depth = 8.2' Mean (mm): 0.12, Phi Sorting: 0.80 Fines (230): 12.35% (SM)	
			SAND, fine grained, quartz, little silt, trace clay, trace shell hash, clay distributed in pockets up to 1.0", dark gray (5Y-4/1), (SM).		T1	Sample #T1, Depth = 12.1' Ave. Field Vane (tsf): 0.10	
			CLAY, very soft, dark greenish gray (10Y-4/1), (CL).		T2	Sample #T2, Depth = 14.8' Ave. Field Vane (tsf): 0.10	
-65.3	19.4		No Recovery.				
-65.9	20.0		End of Boring				

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