

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> Inventory of Potential Beach Nourishment and Coastal Restoration Sand Sources on the Atlantic OCS			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> FL-BOEM-2015-VC28			<b>10. COORDINATE SYSTEM/DATUM</b> UTM 17	
<b>3. DRILLING AGENCY</b> American Vibracore Services, Inc.			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Alpine Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> Brian McCord			<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b> 08-16-15 15:16 08-16-15 15:19	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -44.0 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 19.1 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> SMT	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-44.0	0.0					
			SAND, fine grained, quartz, trace shell hash, trace silt, 0.75" whole shell @ 1.3', 1.0" whole shell @ 2.3', (0.75" x 1.5") shell fragment @ 5.0', (1.0" x 0.5") shell fragment @ 6.9', gray (5Y-5/1), (SW).		1	Sample #1, Depth = 4.0' Mean (mm): 0.21, Phi Sorting: 0.88 Fines (230): 1.60% (SW)
-52.0	8.0					
-53.3	9.3		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey pockets up to (1.5" x 1.0"), shelly lamina @ 8.7', (1.5" x 0.5") and (1.0" x 0.5") whole shells @ 9.2', very dark gray (2.5Y-3/1), (SW-SM).		2	Sample #2, Depth = 8.5' Mean (mm): 0.54, Phi Sorting: 1.50 Fines (230): 5.32% (SW-SM)
-53.7	9.7				3	Sample #3, Depth = 9.4'
-54.1	10.1				4	Mean (mm): 0.17, Phi Sorting: 0.86
-54.4	10.4				5	Fines (230): 6.07% (SW-SM)
			SAND, fine grained, quartz, trace shell hash, trace silt, 0.5" shell fragment @ 9.7', very dark gray (5Y-3/1), (SW-SM).			Sample #4, Depth = 9.9' Mean (mm): 0.22, Phi Sorting: 1.44 Fines (230): 4.05% (SW)
			SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments and whole shells up to 0.5", 0.75" whole shell @ 9.8', 1.25" whole shell @ 10.2', dark gray (5Y-4/1), (SW).		T1	Sample #5, Depth = 10.2' Mean (mm): 0.51, Phi Sorting: 2.44 Fines (230): 6.90% (SW-SM)
			Shelly SAND, fine grained, quartz, trace silt, shell components are shell hash and shell fragments up to (1.5" x 0.5"), dark gray (5Y-4/1), (SW-SM).			Sample #T1, Depth = 15.0' Ave. Field Vane (tsf): 0.20
			CLAY, very soft, dark greenish gray (10GY-4/1), (CL).			
-62.7	18.7					
-63.1	19.1		CLAY, soft, little sand, little shell hash, trace shell fragments, shell fragments up to 0.75", 1.5" shell fragment @ 19.4', dark greenish gray (10GY-4/1), (CL).			
-64.0	20.0		No Recovery.			
			End of Boring			

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