

<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-VC24			<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> Justin Robertson			<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 08:25 08-16-15 08:26	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -48.1 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18.7 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> BF	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-48.1	0.0					
-53.2	5.1		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, shell fragments up to 0.5", silt distributed in laminae, (1.0" x 0.5") shell fragment @ 1.6', 0.5" whole shells @ 2.5' and 3.9', 2.0" shell hash pocket @ 4.8', (1.0" x 0.25") whole shell @ 4.9', shell hash increases with depth, dark gray (5Y-4/1), (SW-SM).		1	Sample #1, Depth = 2.6' Mean (mm): 0.14, Phi Sorting: 0.87 Fines (230): 10.11% (SW-SM)
-55.2	7.1		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 1.0", silt increases with depth, (0.25" x 0.5") whole shell @ 5.2', 2.0" shell hash pocket @ 6.5', dark gray (5Y-4/1), (SW-SM).		2	Sample #2, Depth = 6.0' Mean (mm): 0.16, Phi Sorting: 0.86 Fines (230): 4.91% (SW-SM)
-56.2	8.1				3	Sample #3, Depth = 7.5' Mean (mm): 0.15, Phi Sorting: 1.30 Fines (230): 10.83% (SM)
-57.1	9.0		SAND, fine grained, quartz, little silt, trace shell hash, silt increases with depth, 1.5" shell hash pocket @ 7.6', 1.0" shell hash pocket @ 8.0', dark gray (5Y-4/1), (SM). Sandy CLAY, trace shell hash, sand distributed in pockets up to 1.5", dark gray (N-4/0), (CL).		T1	Sample #T1, Depth = 11.2' Ave. Field Vane (tsf): 0.10
			CLAY, very soft, 1.0" sand pockets with trace shell hash @ 10.4' and 11.3', dark gray (N-4/0), (CL).		T2	Sample #T2, Depth = 16.0' Ave. Field Vane (tsf): 0.15
-66.8	18.7					
-68.1	20.0		No Recovery.			
			End of Boring			

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