

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> OF 1 SHEETS
<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-VC22			<b>10. COORDINATE SYSTEM/DATUM</b> UTM 17	<b>HORIZONTAL</b> NAD 1983
<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> 08-15-15 18:49 08-15-15 18:51	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -56.1 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 19.6 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
-56.1	0.0					
-56.9	0.8		CLAY, soft, some sand, trace shell hash, 2.4" sandy pocket @ 0', (1"x0.5") whole shell @ 0.2', very dark gray (5Y-3/1), (CL).			
-58.8	2.7		SANDY CLAY, little shell fragments, trace whole shell, whole shells up to 2", shell fragments up to 1", (1"x1.5") shell fragment @ 1.5', very dark gray (5Y-3/1), (CL).			
-60.5	4.4		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, 2 (2"x1") shell fragments @ 3.3', (1.5"x0.5") whole shell and 0.5" shell fragment @ 4.3', clay distributed in pockets up to 0.5", dark gray (5Y-4/1), (SP-SM).		1	Sample #1, Depth = 3.6' Mean (mm): 0.28, Phi Sorting: 0.73 Fines (230): 7.88% (SP-SM)
-61.4	5.3		SAND, fine grained, quartz, trace shell hash, trace silt, silt distributed in laminae, gray (5Y-5/1), (SP).		2	Sample #2, Depth = 4.8' Mean (mm): 0.33, Phi Sorting: 0.60 Fines (230): 2.64% (SP)
-63.8	7.7		SAND, fine grained, quartz, trace silt, silt distributed in laminae, shelly pocket @ 6.4', shell component is shell fragments up to 1", 2" shell fragment pocket @ 6.5', 1" clay pocket @ 7.2', (1.5"x0.5") and (1"x0.25") shell fragments @ 7.4', dark gray (5Y-4/1), (SP-SM).		3	Sample #3, Depth = 6.5' Mean (mm): 0.18, Phi Sorting: 0.43 Fines (230): 5.73% (SP-SM)
-68.0	11.9		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay and silt distributed in laminae, 3" shelly pocket @ 7.7', shell components are shell hash, shell fragments and whole shells up to 1.5", 1" clay pocket @ 8.1', 0.5" shell fragment @ 9', (2"x1.5") shell fragment @ 10.3', 2 (1"x0.5") shell fragments @ 10.4', dark gray (5Y-4/1), (SP-SM).		4	Sample #4, Depth = 9.3' Mean (mm): 0.31, Phi Sorting: 0.80 Fines (230): 6.74% (SP-SM)
-69.9	13.8		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in laminae, 0.5" shell fragment @ 13.4', (0.5"x0.25") wood fragment @ 13.5', gray (5Y-5/1), (SP-SM).		5	Sample #5, Depth = 12.8' Mean (mm): 0.33, Phi Sorting: 0.75 Fines (230): 5.79% (SP-SM)
-72.5	16.4		SAND, fine grained, quartz, trace clay, trace shell fragments, trace silt, shell fragments up to (1"x0.5"), silt distributed in laminae, clay distributed in pockets up to 0.25", (2"x1") shell fragments @ 13.8' and 14.0', (1"x0.5") whole shell @ 14.5', gray (5Y-5/1), (SP).		6	Sample #6, Depth = 15.2' Mean (mm): 0.31, Phi Sorting: 0.56 Fines (230): 2.58% (SP)
-75.7	19.6		SAND, fine grained, quartz, little clay, trace shell fragments, trace shell hash, trace silt, shell fragments up to (1"x0.5"), silt distributed in laminae, clay distributed in pockets up to 1", 3" clay pocket @ 16.3', (1.25"x0.5") whole shell @ 16.9', wood fragment laminae @ 17.6', color is mottled (5Y-5/1) and, dark gray (5Y-4/1), (SC).		7	Sample #7, Depth = 18.5' Mean (mm): 0.24, Phi Sorting: 0.59 Fines (230): 14.09% (SC)
-76.1	20.0		No Recovery.			

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