

<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-VC15			<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> 08-14-15 12:32 08-14-15 12:36	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -60.7 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 17.5 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
-60.7	0.0					
-61.4	0.7		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shells up to 1.0", shell fragments up to 0.25", gray (2.5Y-5/1), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.59, Phi Sorting: 1.67 Fines (230): 1.30% (SW)
-62.4	1.7				2	
-62.7	2.0		SAND, fine grained, quartz, little shell hash, trace silt, dark gray (5Y-4/1), (SW).		3	Sample #2, Depth = 1.1' Mean (mm): 0.34, Phi Sorting: 1.15 Fines (230): 1.60% (SW)
-64.4	3.7		Shelly SAND, fine grained, quartz, trace silt, shell components are shell hash and shell fragments up to 0.5", dark gray (5Y-4/1), (SW).		4	Sample #3, Depth = 1.8' Mean (mm): 0.48, Phi Sorting: 1.41 Fines (230): 1.18% (SW)
-65.8	5.1		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 0.25", 1.5" shelly pocket @ 3.6', shell components are whole shells up to 0.75" and shell fragments up to 0.25", gray (5Y-5/1), (SP).		5	Sample #4, Depth = 2.7' Mean (mm): 0.24, Phi Sorting: 0.77 Fines (230): 1.19% (SP)
-68.4	7.7				6	Sample #5, Depth = 4.4' Mean (mm): 0.26, Phi Sorting: 0.91 Fines (230): 2.05% (SW)
-68.8	8.1		SAND, fine grained, quartz, trace silt, silt distributed in laminae, dark gray (2.5Y-4/1), (SW).		7	Sample #6, Depth = 5.9' Mean (mm): 0.35, Phi Sorting: 1.19 Fines (230): 2.37% (SW)
-69.5	8.8				8	Sample #7, Depth = 8.5' Mean (mm): 0.48, Phi Sorting: 1.62 Fines (230): 3.63% (SW)
-70.5	9.8		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, whole shells up to 1.0", shell fragments up to 0.5", dark gray (5Y-4/1), (SW).		9	Sample #8, Depth = 9.2' Mean (mm): 0.21, Phi Sorting: 0.73 Fines (230): 4.93% (SP-SM)
-72.3	11.6		SAND, fine grained, quartz, trace shell hash, trace silt, dark gray (2.5Y-4/1), (SP-SM).		10	Sample #9, Depth = 10.5' Mean (mm): 0.22, Phi Sorting: 0.87 Fines (230): 6.23% (SW-SM)
-73.8	13.1		Shelly SAND, fine grained, quartz, trace silt, shell components are shell fragments up to 1.0" and whole shells up to 0.5", 0.5" clay pocket @ 8.1', dark gray (2.5Y-4/1), (SW).			
-76.9	16.2		SAND, fine grained, quartz, trace shell hash, trace silt, dark gray (2.5Y-4/1), (SP-SM).		11	Sample #10, Depth = 14.5' Mean (mm): 0.17, Phi Sorting: 0.65 Fines (230): 3.40% (SP)
-78.2	17.5		SAND, fine grained, quartz, trace shell hash, trace silt, silt and shell hash increases with depth, dark gray (2.5Y-4/1), (SW-SM).			
-80.7	20.0		Shelly SILT, little sand, shell components are shell hash and shell fragments up to 1.5", 2 (3.0" x 2.0") shell fragments @ 12.2', (1.75" x 1.0") whole shell @ 11.7', dark gray (5Y-4/1), (GM).			Sample #11, Depth = 17.0' Mean (mm): 0.57, Phi Sorting: 2.09 Fines (230): 2.53% (SW)
			SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 1.0", (1.0" x 0.5") whole shell @ 13.4', gray (5Y-5/1), (SP).			
			Sandy SHELL, trace silt, shell components are whole shells and shell fragments up to 1.0", (2.0" x 1.5") shell fragments @ 17.2' & 17.4', (1.25" x 1.0") shell fragments @ 17.1' & 17.2', gray (2.5Y-5/1), (GW).			
			No Recovery.			
			End of Boring			