

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-VC27			10. COORDINATE SYSTEM/DATUM UTM 17	
3. DRILLING AGENCY American Vibracore Services, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Brian McCord			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING STARTED COMPLETED 08-16-15 14:49 08-16-15 14:52	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -44.4 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.9 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR BF	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-44.4	0.0					
-48.4	4.0		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, whole shells and shell fragments up to 0.5", (1.0" x 0.25") whole shell @ 3.8', (0.75" x 0.5") whole shell @ 3.6', (1.0" x 0.25") shell fragment @ 0.2', 2.0" shelly pocket @ 1.6', shell components are shell hash and shell fragments up to 0.25", gray (5Y-5/1), (SP).		1	Sample #1, Depth = 2.0' Mean (mm): 0.21, Phi Sorting: 0.74 Fines (230): 1.36% (SP)
-49.6	5.2		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, whole shells and shell fragments up to 0.25", (1.5" x 0.25") shell fragment @ 4.1', 0.5" shell fragment @ 4.8', shell hash decreases with depth, gray (5Y-5/1), (SW).		2	Sample #2, Depth = 4.4' Mean (mm): 0.23, Phi Sorting: 1.17 Fines (230): 2.00% (SW)
-52.2	7.8		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 0.5", silt distributed in laminae and increases with depth, 2.0" shelly pocket @ 7.2', shell components are shell hash and shell fragments up to 0.25", dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 6.3' Mean (mm): 0.19, Phi Sorting: 0.86 Fines (230): 1.96% (SW)
-53.0	8.6				4	Sample #4, Depth = 8.3' Mean (mm): 0.21, Phi Sorting: 0.94 Fines (230): 5.07% (SW-SM)
-53.7	9.3				5	Sample #5, Depth = 9.0' Mean (mm): 0.18, Phi Sorting: 0.82 Fines (230): 1.83% (SP)
-54.5	10.1				6	Sample #6, Depth = 9.6' Mean (mm): 0.27, Phi Sorting: 1.51 Fines (230): 1.76% (SW)
-55.7	11.3		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, silt distributed in laminae, 1.0" clay pocket @ 8.1', 2.0" shelly pocket @ 8.4', shell components are shell hash, shell fragments and whole shells up to 0.5", dark gray (5Y-4/1), (SW-SM).		7	Sample #7, Depth = 10.5' Mean (mm): 0.35, Phi Sorting: 1.51 Fines (230): 4.38% (SW)
-58.1	13.7		SAND, fine grained, quartz, trace shell hash, trace silt, gray (5Y-5/1), (SP).		T1	Sample #T1, Depth = 12.2' Ave. Field Vane (tsf): 0.10
-63.3	18.9		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments up to 0.5", whole shells up to 1.0", gray (5Y-5/1), (SW).		T2	Sample #T2, Depth = 15.6' Ave. Field Vane (tsf): 0.10
-64.4	20.0		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shells up to 1.0", silt increases with depth, dark gray (5Y-4/1), (SW).			
			Sandy CLAY, very soft, trace shell hash, trace silt, (2.5" x 2.0") whole shell @ 11.5', 1.5" shell hash pocket @ 12.5', dark gray (N-4/0), (CL).			
			CLAY, very soft, (2.0" x 0.5") sand pocket @ 14.8', 2 (1.5") whole shells @ 17.0', 2.0" shelly pocket @ 17.2', shell components are shell hash, shell fragments and whole shells up to 0.75", (2.0" x 1.0") sand pocket @ 18.0', dark gray (N-4/0), (CL).			
			No Recovery.			
			End of Boring			