

Boring Designation BI-PBS-066-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass-OCS East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PBS-066-12		LOCATION COORDINATES E = 1,148,519 N = 238,154		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83 VERTICAL NAVD88	
3. DRILLING AGENCY Corps of Engineers - CESAM		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibracore Systems, Inc.				12. TOTAL SAMPLES		DISTURBED UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 54 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-16-12 COMPLETED 11-16-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -54.3 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 12.6 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-54.3	0.0				
-56.7	2.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3188 mm % Fines: 1.7
-58.3	4.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, gray (SM)	NS	
-61.1	6.8		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)		
-62.1	7.8		CLAY, lean, mostly clay, little fine-grained sand-sized quartz, gray (CL)		
-63.1	8.8		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, medium plasticity, gray (CH)		
-63.7	9.4		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, medium plasticity, gray (CH)		
-64.4	10.1		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, dark gray (SC)		
-66.9	12.6		SAND, silty, mostly fine-grained sand-sized quartz, some silt, dark gray (SM)		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, gray (SP)		
NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. NS = Sample not submitted for laboratory analysis from this interval. 3. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.					