

Boring Designation BI-PBS-064-12

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-064-12		LOCATION COORDINATES E = 1,151,592 N = 237,331		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83	
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 Services, Inc.				12. TOTAL SAMPLES		DISTURBED 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 56 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-16-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -56.5 Ft.		COMPLETED 11-16-12	
8. TOTAL DEPTH OF BORING 16.2 Ft.				17. TOTAL RECOVERY FOR BORING 100%		18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-56.5	0.0				
-57.5	1.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace medium to coarse-grained shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.2991 mm % Fines: 1.6
-59.5	3.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, gray (SM)		
-62.0	5.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)		
-62.5	6.0		CLAY, fat, mostly clay, medium to high plasticity, dark gray (CH)		
-65.8	9.3		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, dark gray (SM)	NS	
-66.1	9.6		SILT, inorganic-L, mostly silt, little fine-grained sand, trace organic matter, brown (ML)		
-68.1	11.6		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace organic matter, dark brown (SM)		
-68.5	12.0				
-68.8	12.3				
-69.8	13.3		WOOD, mostly wood debris, brown		
			CLAY, lean, mostly clay, some silt, trace sand, dark brown (CL)		
-72.7	16.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, gray (SP-SM)	B	Classification: SP Color: 10YR 7/1-light gray D50: 0.2304 mm % Fines: 3.9
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, lt. 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.					