

Boring Designation BI-PBS-112-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-112-12		LOCATION COORDINATES E = 1,133,311 N = 237,913		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 Systems, 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 49 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 01-12-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -48.4 Ft.		COMPLETED 01-12-13	
8. TOTAL DEPTH OF BORING 20.2 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		
-48.4	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.3298 mm % Fines: 2.3		
-53.4	5.0						
-55.0	6.6		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, trace clay, gray (SP-SM)	B	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.3135 mm % Fines: 7.6		
-57.4	9.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few clay bands, gray (SM)	NS			
-62.4	14.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, gray (SP-SM)	C	Classification: SM Color: 5Y 5/1-gray D50: 0.2161 mm % Fines: 12.7		
-66.2	17.8		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few shell fragments, few clay nodules, gray (SM)	D	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.2329 mm % Fines: 11.2		
-68.6	20.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, lt. gray (SP)	E E	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.242 mm % Fines: 4.9		
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 determined from USACE							

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,133,311 Y = 237,913			ELEVATION TOP OF BORING -48.4 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			hydrographic survey completed April 2014.		