

# Boring Designation BI-PB-181-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-181-12		LOCATION COORDINATES E = 1,151,693 N = 252,414		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 40.7 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -40.3 Ft.		COMPLETED 12-19-12	
8. TOTAL DEPTH OF BORING 15.4 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		
-40.3	0.0						
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few alternating bands of soft clay, gray (SP-SM)	A	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.3268 mm % Fines: 7.8		
-43.8	3.5		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, dense, lt. gray to white (SP)	B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3526 mm % Fines: 1.2		
				C	Classification: SP Color: 5Y 8/1-white D50: 0.3366 mm % Fines: 0.6		
				D	Classification: SP Color: 2.5Y 8.5/1- D50: 0.3225 mm % Fines: 0.8		
-55.7	15.4						
			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 2010 USACE survey.				