

# Boring Designation BI-PB-204-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-204-12		LOCATION COORDINATES E = 1,134,184 N = 252,184		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 34.7 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 -33.5 Ft.		COMPLETED 12-19-12	
8. TOTAL DEPTH OF BORING 19.3 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		
-33.5	0.0						
-36.5	3.0		SILT, inorganic-L, mostly silt, some clay, some fine-grained sand-sized quartz, grayish brown (ML)	NS			
-38.1	4.6		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay nodules, gray (SM)	A	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.2616 mm % Fines: 9.5		
-43.1	9.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, clayey streaks throughout zone, dense, lt. gray to white (SP)	B	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3191 mm % Fines: 3.8		
-45.4	11.9		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, brownish gray (SC)	NS			
-48.8	15.3		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, clayey streaks throughout zone, dense, lt. gray to white (SP)	C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2925 mm % Fines: 1.8		
-52.8	19.3		CLAY, fat, mostly clay, medium to high plasticity, greenish gray (CH)	NS			
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.							