

Boring Designation BI-PB-173-12

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-173-12		LOCATION COORDINATES E = 1,154,122 N = 258,503		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 31.1 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-29-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -30.9 Ft.		COMPLETED 11-29-12	
8. TOTAL DEPTH OF BORING 13.6 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		
-30.9	0.0						
-31.7	0.8		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, lt. brown to gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3643 mm % Fines: 1.4		
-32.8	1.9			NS			
-34.0	3.1		SAND, clayey, mostly fine-grained sand-sized quartz, trace silt, gray (SC)	B	Classification: SM Color: 2.5Y 6/2-light brownish gray D50: 0.3054 mm % Fines: 17.8		
				NS			
			SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, little clay, trace silt, gray (SP-SC)				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, orange staining from 3.6 to 4.9 ft., lt. gray to white (SP)	C	Classification: SP Color: 2.5Y 8/2-pale yellow D50: 0.3463 mm % Fines: 2		
				D	Classification: SP Color: 5Y 8/1-white D50: 0.3297 mm % Fines: 1.7		
-44.5	13.6			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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.							