

Boring Designation BI-PB-167-12

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-167-12		LOCATION COORDINATES E = 1,153,417 N = 259,169		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		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES			
		BEARING		14. WATER DEPTH 29.7 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-29-12		COMPLETED 11-29-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -29.6 Ft.			
8. TOTAL DEPTH OF BORING 15.5 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
-29.6	0.0				
-30.3	0.7				
-31.0	1.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, lt. brown to lt. gray (SP)		
			SAND, clayey, mostly fine-grained sand-sized quartz, trace silt, gray (SC)		
			CLAY, fat, mostly clay, trace silt, medium to high plasticity, gray to brownish gray (CH)		
				NS	
-40.0	10.4				
-40.5	10.9		SAND, clayey, mostly fine-grained sand-sized quartz, trace silt, brownish gray (SC)		
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little silt, little wood debris, trace organic matter, brownish gray mottled with brown (SP-SM)		
-43.5	13.9				
-44.7	15.1		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, lt. gray (SP)		
-45.1	15.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)		
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.					