

Boring Designation BI-PB-149-12

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-149-12		LOCATION COORDINATES E = 1,147,143 N = 253,186		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 37.6 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-12-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -38.1 Ft.		COMPLETED 12-12-12	
8. TOTAL DEPTH OF BORING 14.7 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		
-38.1	0.0						
-39.1	1.0		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, some silt, gray (SP-SM)				
			SAND, clayey, mostly fine-grained sand-sized quartz, trace shell fragments, gray (SC)				
-44.1	6.0						
			CLAY, fat, mostly clay, medium to high plasticity, stiff, dark gray (CH)	NS			
-47.0	8.9						
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace silt, lt. gray to white (SP)				
-51.3	13.2						
-52.8	14.7		CLAY, fat, mostly clay, some fine-grained sand-sized quartz, medium to high plasticity, dark gray (CH)				
			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.				