

Boring Designation BI-PB-157-12

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-157-12		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAM		11. MANUFACTURER'S DESIGNATION OF DRILL Vibracore		VERTICAL NAVD88
4. NAME OF DRILLER American Vibracore Systems, Inc.		12. TOTAL SAMPLES		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 36.7 Ft.
6. THICKNESS OF OVERBURDEN N/A		15. DATE BORING		16. ELEVATION TOP OF BORING -34.8 Ft.
7. DEPTH DRILLED INTO ROCK N/A		17. TOTAL RECOVERY FOR BORING 100%		18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist
8. TOTAL DEPTH OF BORING 19.8 Ft.				

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-34.8	0.0				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace clayey nodules, gray to light gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3406 mm % Fines: 2.4
-42.4	7.6			B	Classification: SP Color: 2.5Y 8/1-white D50: 0.3525 mm % Fines: 1.9
-49.1	14.3		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, trace shell fragments, greenish gray (SM)	NS	
-54.6	19.8		CLAY, fat, mostly clay, medium to high plasticity, trace sandy pockets, greenish 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 determined from 2010 USACE survey.		