

Boring Designation BI-PB-185-12

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-185-12		LOCATION COORDINATES E = 1,142,560 N = 254,966		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 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-07-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -30.3 Ft.		COMPLETED 12-07-12	
8. TOTAL DEPTH OF BORING 5.1 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		
-30.3	0.0						
-32.4	2.1		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shells at 2.1 ft., lt. gray to gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2625 mm % Fines: 2		
-35.4	5.1			B	Classification: SP Color: 2.5Y 8/1-white D50: 0.3152 mm % Fines: 1.3		
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. Very dense sand prevented vibracore from progressing deeper than 5.1 ft. 4. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.							