

# Boring Designation BI-PB-187-12

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-187-12		LOCATION COORDINATES E = 1,142,412 N = 254,231		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 33.7 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-11-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -34.0 Ft.		COMPLETED 12-11-12	
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		
-34.0	0.0						
-35.1	1.1		SILT, inorganic-L, mostly silt, some shell fragments, trace fine-grained sand-sized quartz, dark gray (ML)	NS			
-36.2	2.2		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, gray (SP-SM)	A	Classification: SP-SM Color: 5Y 6/3-pale olive D50: 0.2865 mm % Fines: 5.3		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, dense, lt. gray (SP)	B	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3462 mm % Fines: 1.2		
				C	Classification: SP Color: 2.5Y 8/1-white D50: 0.3258 mm % Fines: 3		
				D	Classification: SP Color: 2.5Y 8/1-white D50: 0.3816 mm % Fines: 1.6		
-49.5	15.5						
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.							