

# Boring Designation BI-PB-165-12

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-165-12		LOCATION COORDINATES E = 1,154,799 N = 257,695		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 33.1 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-06-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -32.5 Ft.		COMPLETED 12-06-12	
8. TOTAL DEPTH OF BORING 15.0 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		
-32.5	0.0						
-33.1	0.6						
-33.8	1.3						
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)	NS			
			SILT, inorganic-L, mostly silt, trace fine-grained sand-sized quartz, medium to high plasticity, brownish gray (ML)	A	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3143 mm % Fines: 7.9		
				B	Classification: SP Color: 5Y 8/1-white D50: 0.3783 mm % Fines: 2.1		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, clay band at 1.7 ft., gray (SP)	C	Classification: SP Color: 2.5Y 8.5/1- D50: 0.3381 mm % Fines: 1.3		
			At El. -34.4 Ft., mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, gray	D	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3332 mm % Fines: 2.4		
			At El. -35.3 Ft., mostly fine to medium-grained sand-sized quartz, trace silt, dense, lt. gray to white	E	Classification: SP Color: 2.5Y 8/1-white D50: 0.3237 mm % Fines: 1.9		
-47.5	15.0						
NOTES:				NS			
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.							