

# Boring Designation BI-PB-158-12

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-158-12		LOCATION COORDINATES E = 1,145,462 N = 253,877		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 36.4 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 -36.1 Ft.		COMPLETED 12-12-12	
8. TOTAL DEPTH OF BORING 19.7 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
-36.1	0.0				
-37.5	1.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.4123 mm % Fines: 2.1
-40.8	4.7		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, clayey band @ 1.7 ft., lt. gray to white (SP)	B	Classification: SP-SM Color: 2.5Y 8/1-white D50: 0.3581 mm % Fines: 5.8
-43.4	7.3		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, gray (SP-SM)	C	Classification: SP Color: 2.5Y 8/1-white D50: 0.3364 mm % Fines: 1.8
-52.6	16.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, with clay stringers, gray (SM)	D	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.259 mm % Fines: 8.9
-53.4	17.3		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, stiff, greenish gray (SC)	NS	
-55.8	19.7		CLAY, fat, mostly clay, medium to high plasticity, stiff, dark green (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.					