

Boring Designation BI-PB-198-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-198-12		LOCATION COORDINATES E = 1,135,585 N = 254,936		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83 VERTICAL NAVD88	
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 UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES			
		BEARING		14. WATER DEPTH 27.6 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-22-12		STARTED COMPLETED 12-22-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -28.2 Ft.			
8. TOTAL DEPTH OF BORING 18.8 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
-28.2	0.0				
-29.7	1.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2842 mm % Fines: 1.5
-34.2	6.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, trace clayey nodules, pale lt. brown (SP-SM)	B	Classification: SP Color: 2.5Y 5/2-grayish brown D50: 0.2867 mm % Fines: 2.5
-40.3	12.1		SAND, silty, mostly fine-grained sand-sized quartz, some silt, pale lt. brown (SM)	C	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.2777 mm % Fines: 5.3
-47.0	18.8		At El. -39.3 Ft., mostly fine-grained sand-sized quartz, some silt, little clay, gray CLAY, fat, mostly clay, trace shell fragments, medium to high plasticity, greenish gray (CH)	NS	
			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.		