

Boring Designation BI-PB-160-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-160-12		LOCATION COORDINATES E = 1,147,443 N = 252,508		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 Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibrocure 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 39.8 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-12-12		STARTED COMPLETED 12-12-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -39.9 Ft.			
8. TOTAL DEPTH OF BORING 19.2 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		
-39.9	0.0						
-40.3	0.4						
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, grayish brown (SM)				
			CLAY, fat, mostly clay, medium to high plasticity, clayey sand pockets throughout interval, dark gray (CH)				
-44.8	4.9						
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)				
-47.5	7.6						
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, occasional clay lenses, lt. gray (SP)	NS			
-59.1	19.2						
			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				

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,147,443 Y = 252,508			ELEVATION TOP OF BORING -39.9 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			factor.		