

# Boring Designation BI-PB-159-12

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-159-12		LOCATION COORDINATES E = 1,145,323 N = 253,240		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 36.2 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-19-12		STARTED COMPLETED 12-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -36.0 Ft.			
8. TOTAL DEPTH OF BORING 17.0 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		
-36.0	0.0						
-36.5	0.5						
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, trace shell fragments, stiff, gray (SP-SM)  CLAY, fat, mostly clay, trace shell fragments, sandy lenses between 13.8 and 17.0 ft., stiff, greenish gray (CH)	NS			
-53.0	17.0						
			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.				