

# Boring Designation BI-PBS-052-12

<b>DRILLING LOG</b>		<b>DIVISION</b> South Atlantic	<b>INSTALLATION</b> Mobile District	<b>SHEET 1</b> <b>OF 2 SHEETS</b>
<b>1. PROJECT</b> MsCIP Barrier Island Restoration Petit Bois Pass-OCS East		<b>9. SIZE AND TYPE OF BIT</b> N/A		
<b>2. BORING DESIGNATION</b> BI-PBS-052-12		<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, MSE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83
<b>3. DRILLING AGENCY</b> Corps of Engineers - CESAM		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Vibracore		<b>VERTICAL</b> NAVD88
<b>4. NAME OF DRILLER</b> American Vibracore Systems, Inc.		<b>12. TOTAL SAMPLES</b>		
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>13. TOTAL NUMBER CORE BOXES</b>		<b>DISTURBED</b> 0
<b>6. THICKNESS OF OVERBURDEN</b> N/A		<b>14. WATER DEPTH</b> 46.6 Ft.		
<b>7. DEPTH DRILLED INTO ROCK</b> N/A		<b>15. DATE BORING</b> 11-30-12		
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.		<b>16. ELEVATION TOP OF BORING</b> -46.5 Ft.		
		<b>17. TOTAL RECOVERY FOR BORING</b> 100%		
		<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Mike FitzHarris, Geologist		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-46.5	0.0				
-47.5	1.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, gray (SP)		
-50.3	3.8		SAND, clayey, mostly fine-grained sand-sized quartz, little silt, Wood debris at 3 ft., gray (SC)		
-51.2	4.7		CLAY, lean, mostly clay, some silt, trace wood debris, silty clay, brownish gray (CL)		
-53.8	7.3		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace clay, lt. gray (SP)		
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, little shell fragments, gray (SC)	NS	
-62.2	15.7				
-63.0	16.5		CLAY, lean, mostly clay, little fine-grained sand-sized quartz, low plasticity, gray (CL)		
-65.1	18.6		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace silt, gray (SC)		
-66.5	20.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, lt. gray (SP)		
			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 USACE		

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Mobile District		<b>SHEET 2</b> <b>OF 2 SHEETS</b>
<b>PROJECT</b> MsCIP Barrier Island Restoration			<b>COORDINATE SYSTEM/DATUM</b> State Plane, MSE (U.S. Ft.)	<b>HORIZONTAL</b> NAD83	<b>VERTICAL</b> NAVD88
<b>LOCATION COORDINATES</b> X = 1,130,058 Y = 241,304			<b>ELEVATION TOP OF BORING</b> -46.5 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			hydrographic survey completed April 2014.		