

Site ID				14BRN-19 (Estuarine Grab)			
Date		May 12, 2014					
USGS Field Activity Number (FAN)		2014-310-FA (14BRN)					
Field Crew		Chris Smith, Marci Marot, Alisha Ellis					
Platform		RUMFS RV <i>Caleta</i>					
Arrival Time (EDT)		2:00 PM		Departure Time (EDT)		Not recorded	
Latitude (DD)		39.59372		Longitude (DD)		-74.31295	
Water Depth (m)		1.2 (4 ft)					
Handheld GPS used		Garmin GPSMap 62stc		GPS Waypoint		40	
YSI		Pro-Plus		Camera		Nikon AW100	
Sample Type/Sample Info							
Box Core: USGS SPCMSC 30cm x 45cm Box Corer				Surface/Grab: USGS SPCMSC Petit PONAR			
Number of Attempts for Full Recovery				Forams (preserved, x2)		x	
Photo #s of Sediment Surface				Grain Size		x	
6" OD Barrel Length (cm)				Stable Isotopes/Metals		x	
In-the-Ground Inside Depth to Surface (ITGIDS, cm)							
In-the-Ground Outside Depth to Surface (ITGODS, cm)							
6" OD Core Compaction (cm)							
Recovered 6" OD Core Length (cm)							
3" OD Core Compaction (cm)							
Recovered 3" OD Core Length (cm)							
Surface Forams (preserved, x2)							
Surface Grain Size							
Surface Stable Isotopes/Metals							
Water Quality Parameters: YSI							
Water Type		Estuarine					
Temperature (°C)		20.3					
Barometric Pressure (mmHg)		761.7					
Dissolved Oxygen (DO) (%)		84.3					
DO (mg/L)		5.59					
Specific Conductance (mS/cm)		40.9					
Salinity		26.25					
pH		7.91					
pH (mV)		-87.0					
ORP (mV)		195.5					
Notes							
DO bounced around a lot- possibly due to wind and swells.							
Bounced between 70 and 90.							
Not attempting box coring							
Sediment type: slightly sandy silty clay or clayey silt.							
Photos							
PONAR grab: 1202-1203							