

Site ID				14BRN-22 (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)		4:32 PM		Departure Time (EDT)		4:40 PM	
Latitude (DD)		39.57307		Longitude (DD)		-74.32580	
Water Depth (m)		2.1 (7 ft)					
Handheld GPS used		Garmin GPSMap 62stc		GPS Waypoint		50	
YSI		Pro-Plus		Camera		Nikon AW100	
Sample Type/Sample Info							
<b>Box Core: USGS SPCMSC 30cm x 45cm Box Corer</b>				<b>Surface/Grab: USGS SPCMSC Petit PONAR</b>			
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							
<b>Water Quality Parameters: YSI</b>							
Water Type		Estuarine					
Temperature (°C)		20.4					
Barometric Pressure (mmHg)		760.7					
Dissolved Oxygen (DO) (%)		102.3					
DO (mg/L)		7.90					
Specific Conductance (mS/cm)		41.94					
Salinity		26.96					
pH		7.99					
pH (mV)		-91.6					
ORP (mV)		94.6					
<b>Notes</b>							
Surface grab only (22G), will attempt box core tomorrow sediment type: clayey silt							
<b>Photos</b>							
PONAR grab: 1129-1233 Chris, Marci, Box corer: 1234-1236							