

Site ID				14BRN-27 (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)	12:27 PM		Departure Time (EDT)	12:35 PM	
Latitude (DD)	39.60042		Longitude (DD)	-74.26575	
Water Depth (m)	2.4 (8 ft)				
Handheld GPS used	Garmin GPSMap 62stc		GPS Waypoint	14BRN27	
YSI	Pro-Plus		Camera	Nikon AW100	
<b>Sample Type/Sample Info</b>					
<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)	18.8				
Barometric Pressure (mmHg)	762.1				
Dissolved Oxygen (DO) (%)	110.3				
DO (mg/L)	8.51				
Specific Conductance (mS/cm)	40.44				
Salinity	25.9				
pH	7.79				
pH (mV)	-80.1				
ORP (mV)	142.4				
<b>Notes</b>					
Sediment type: Dark gray silty clay with shell fragments					
<b>Photos</b>					
PONAR grab: 1192-1194					