

Site ID				14BRN-28 (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)		11:00 AM		Departure Time (EDT)		12:05 PM	
Latitude (DD)		39.60698		Longitude (DD)		-74.28427	
Water Depth (m)		2.4 (8 ft)					
Handheld GPS used		Garmin GPSMap 62stc		GPS Waypoint		37	
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		7, no 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)		19.2					
Barometric Pressure (mmHg)		762.4					
Dissolved Oxygen (DO) (%)		104.1					
DO (mg/L)		8.09					
Specific Conductance (mS/cm)		40.88					
Salinity		26.24					
pH		7.64					
pH (mV)		-72.1					
ORP (mV)		160.7					
Notes							
multiple box core attempts, problems with penetration and box core not sealing, bags are relabeled, originally used 14BRN-15 bags on accident							
Photos							
Chris and Marci with box corer							