

Site ID				14BRN-21 (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)	1:12 PM		Departure Time (EDT)	Not recorded	
Latitude (DD)	39.59275		Longitude (DD)	-74.28583	
Water Depth (m)	2.1 (7 ft)				
Handheld GPS used	Garmin GPSMap 62stc		GPS Waypoint	39	
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	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)	19.1				
Barometric Pressure (mmHg)	762.0				
Dissolved Oxygen (DO) (%)	88.7				
DO (mg/L)	7.0				
Specific Conductance (mS/cm)	41.70				
Salinity	26.81				
pH	7.87				
pH (mV)	-84.5				
ORP (mV)	156.6				
Notes					
no luck getting a box core, total penetration maybe 10cm.					
Sediment type: gray mud.					
Site moved to NE from original pick.					
bags labeled 5-12 as 17G should be grab 21					
Photos					
PONAR grab: 1198-1201					