

Site ID				14BRN-16(A) (Box Core)	
Date	May 15, 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)	11:30 AM		Departure Time (EDT)	11:55 AM	
Latitude (DD)	39.57271		Longitude (DD)	-74.32578	
Water Depth (m)	2.3 (7.5 ft)				
Handheld GPS used	Garmin GPSMap 62stc		GPS Waypoint	71	
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	1		Forams (preserved, x2)		
Photo #s of Sediment Surface	1337-1342		Grain Size		
6" OD Barrel Length (cm)	61		Stable Isotopes/Metals		
In-the-Ground Inside Depth to Surface (ITGIDS, cm)	34.5				
In-the-Ground Outside Depth to Surface (ITGODS, cm)	33.3				
6" OD Core Compaction (cm)	1.2				
Recovered 6" OD Core Length (cm)	25				
3" OD Core Compaction (cm)	6.1				
Recovered 3" OD Core Length (cm)	23				
Surface Forams (preserved, x2)	x				
Surface Grain Size	x				
Surface Stable Isotopes/Metals	x				
Water Quality Parameters: YSI					
Water Type	Estuarine				
Temperature (°C)	16.4				
Barometric Pressure (mmHg)	767.7				
Dissolved Oxygen (DO) (%)	112.2				
DO (mg/L)	8.87				
Specific Conductance (mS/cm)	44.4				
Salinity	28.72				
pH	7.64				
pH (mV)	-71.3				
ORP (mV)	127.7				
Notes					
3" core: ITGIDS: 59.8cm, ITGODS: 53.7 cm					
second box core attempt a few feet away - called 16BC-B					
SECTIONING NOTES FROM CHRIS' FIELD NOTEBOOK:					
3-7 cm: few shells					
13-14cm: fibrous, organic material, marshy					
20-21 cm: unevenly distributed marsh vegetation					
Photos					
Box core: 1337-1342					