

Site ID				14BRN-32 (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)		1:20 PM		Departure Time (EDT)		2:00 PM	
Latitude (DD)		39.58514		Longitude (DD)		-74.32190	
Water Depth (m)		1.5 (5 ft)					
Handheld GPS used		Garmin GPSMap 62stc		GPS Waypoint		73	
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		2		Forams (preserved, x2)			
Photo #s of Sediment Surface				Grain Size			
6" OD Barrel Length (cm)		60.4		Stable Isotopes/Metals			
In-the-Ground Inside Depth to Surface (ITGIDS, cm)		25.5					
In-the-Ground Outside Depth to Surface (ITGODS, cm)		21.5					
6" OD Core Compaction (cm)		1					
Recovered 6" OD Core Length (cm)		35.5					
3" OD Core Compaction (cm)		3.5					
Recovered 3" OD Core Length (cm)		32					
Surface Forams (preserved, x2)		x					
Surface Grain Size		x					
Surface Stable Isotopes/Metals		x					
Water Quality Parameters: YSI							
Water Type		Estuarine					
Temperature (°C)		17.9					
Barometric Pressure (mmHg)		767.1					
Dissolved Oxygen (DO) (%)		93.5					
DO (mg/L)		73.6					
Specific Conductance (mS/cm)		42.99					
Salinity		27.72					
pH		7.67					
pH (mV)		-73.1					
ORP (mV)		138.5					
Notes							
NEW SITE							
SECTIONING NOTES FROM CHRIS' FIELD NOTEBOOK							
0-1 cm: surprisingly dense							
1-?: sandy with small root fibers							
9cm: visibally larger root frags							
11-12cm: more mottling, looks like a low marsh, large burrow started							
20cm: large burrow ended							
22-23 cm: uneven vegetation distribution in core							
28-29 cm: marsh material seems less abundant							
34-34.5 cm: last sample, small, no center							
Photos							