

Site ID		14BRN-04 (Box core)	
Date	May 14, 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)	11:45 AM	Departure Time (EDT)	1:19 PM
Latitude (DD)	39.71742	Longitude (DD)	-74.16693
Water Depth (m)	1.2 (4 ft)		
Handheld GPS used	Garmin GPSMap 62stc	GPS Waypoint	63
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	3	Forams (preserved, x2)	
Photo #s of Sediment Surface	1286-1291	Grain Size	
6" OD Barrel Length (cm)	approx 61	Stable Isotopes/Metals	
In-the-Ground Inside Depth to Surface (ITGIDS, cm)	43.7		
In-the-Ground Outside Depth to Surface (ITGODS, cm)	44.7		
6" OD Core Compaction (cm)	1		
Recovered 6" OD Core Length (cm)	17		
3" OD Core Compaction (cm)	3.5		
Recovered 3" OD Core Length (cm)	12		
Surface Forams (preserved, x2)	x		
Surface Grain Size	x		
Surface Stable Isotopes/Metals	x		
Water Quality Parameters: YSI			
Water Type	Estuarine		
Temperature (°C)	17.0		
Barometric Pressure (mmHg)	770.6		
Dissolved Oxygen (DO) (%)	57.3		
DO (mg/L)	4.65		
Specific Conductance (mS/cm)	41.27		
Salinity	26.52		
pH	7.86		
pH (mV)	-83.4		
ORP (mV)	166.8		
Notes			
Attempt 1: threw back			
Attempt 2: 9.5" recovery in 3" tube (24 cm)			
Attempt 3: Kept one 6" tube and one 3" tube			
	3" ITGIDS: 63.8 cm		
	3" ITGODS: 60.3 cm		
	3" tube length: 82.5 cm		
Attempt 4 (Push core) labeled 11PP	62 cm barrel length		
TRASHED ATTEMPT 4	47 cm ITGIDS		
	no ITGODS taken		
Sediment type: slightly sandy clayey silt			
Photos			
Box core: 1286-1291			