

Site ID				14BRN-15 (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)	8:25 AM		Departure Time (EDT)	9:15 AM	
Latitude (DD)	39.60696		Longitude (DD)	-74.28425	
Water Depth (m)	1.7 (5.5 ft)				
Handheld GPS used	Garmin GPSMap 62stc		GPS Waypoint	68	
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	1316-1322		Grain Size		
6" OD Barrel Length (cm)	approx 62 cm		Stable Isotopes/Metals		
In-the-Ground Inside Depth to Surface (ITGIDS, cm)	32.5 cm				
In-the-Ground Outside Depth to Surface (ITGODS, cm)	29 cm				
6" OD Core Compaction (cm)	3.5 cm				
Recovered 6" OD Core Length (cm)	28 cm				
3" OD Core Compaction (cm)	4 cm				
Recovered 3" OD Core Length (cm)	27 cm				
Surface Forams (preserved, x2)	x				
Surface Grain Size	x				
Surface Stable Isotopes/Metals	x				
Water Quality Parameters: YSI					
Water Type	Estuarine				
Temperature (°C)	17.7				
Barometric Pressure (mmHg)	768.1				
Dissolved Oxygen (DO) (%)	129.8				
DO (mg/L)	10.09				
Specific Conductance (mS/cm)	41.61				
Salinity	26.74				
pH	7.16				
pH (mV)	-45.6				
ORP (mV)	118.5				
Notes					
surface box core grab relabeled from 05G-BC to 15G-BC on 5-15					
SECTIONING NOTES FROM CHRIS' FIELD NOTEBOOK					
0-1 cm: irregular surface					
8 cm: dense shell fragment layer begins					
15 cm: large shells (oyster)					
17 cm: practically an oyster bed					
20-21 cm: articulated shell (maybe)					
Photos					
Box core: 1316-1322					