Site ID	**14CTB-26**		
Field Crew	Julie Bernier, Alisha Ellis, Scott Adams		
Date	3/27/14 --- JD 086		
Arrival Time	10:46 EDT	Departure Time	11:00 EDT
Latitude	N 38.10993	Longitude	W 075.18874
Water Depth (m)	---		
Handheld GPS used	Garmin GPSmap 76S	GPS Waypoint	007
YSI	---	Camera	Nikon AW100
Sample Type/Sample	**X, Measure, Time**	**Sample Type/Sample**	**X, Measure, Time**
DGPS Positioning			
GPS Session ID	A207		
Occupation Time (min)	5 min		
Surface/Grab		***Sand Gouge Core:***	
Pentrometer (marsh sites only)	---	Barrel Length (cm)	65 cm
Shear Strength (marsh sites only)	---	ITGODS (bottom of weld ≈ top of barrel) (cm)	18 cm
Forams (preserved, x2)	√	Recovered Core Length (cm)	24 cm
Grain Size	√	Core Catcher Used?	No
Stable Isotopes/Metals	√	Distance from GPS	125 cm
Distance from GPS	145 cm	Azimuth from GPS	S 170°
Azimuth from GPS	SE 150°		
Marsh Push Core		***Water Quality Parameters***	
Pentrometer		Water Type (Estuary, Marsh, Standing, Marsh Backfill)	
Shear Strength (kg/cm^2)		Temperature (°C)	
Vegetation Type		Barometric Pressure	
Barrel Length (cm)		Dissolved Oxygen (DO) (%)	
In-the-Ground Inside Depth to Surface		DO (mg/L)	
(ITGIDS) (cm)		Specific Conductance (mS/cm)	
In-the-Ground Outside Depth to Surface		Salinity	
(ITGODS) (cm)		pH (-)	
Recovered Core Length (cm)		ORP (mV)	
Distance from GPS			
Azimuth from GPS			
Marsh Auger Core		***Radium Sampling***	
Number of Sections		Start Time	
Total Core Length (cm)		Stop Time	
Distance from GPS		Total Volume	
Azimuth from GPS		Approximate Flow Rate	

Notes

Cool and sunny, light breeze 5 mph out of NNW increasing to 10 mph out of S by afternoon
Overwash fan, very firm surface - wind deflation?
"Punched through" with sand auger and hit saturated layer but poor sediment recovery
Another candidate with 14CTB93/95 for trenching (or vibracoring!)?

Photos

DSCN0834.JPG to DSCN0838.JPG --- "panaorama" N → NE → E → SE → S from site
DSCN0839.JPG to DSCN0843.JPG --- "panaorama" N → NW → W → SW → S from site