

Site ID				14CTB - 430					
USGS Field Activity Number (FAN)		2014-322-FA (14CTB02)							
Date		23-Oct-14		Day of Year		296			
Field Crew		Julie Bernier, Marci Marot							
Platform		Over-Sand Vehicle		Location		Assateague Island, MD			
Arrival Time (EDT)		13:23		Departure Time (EDT)		Not recorded			
Latitude		38.12053		Longitude		-75.18427			
Water Depth (m)									
Handheld GPS used		Garmin GPSMap 76S		GPS Waypoint		018			
YSI				Camera		Canon A63			
Sample Type/Sample				X, Measure, Time		Sample Type/Sample		X, Measure, Time	
DGPS Positioning				Radium Sampling: Mn Fiber					
GPS Reciever Used		Z-Xtreme Rover A		Start Time					
GPS Session ID		A018		Stop Time					
Occupation Time (min)		5		Total Volume					
Surface/Grab				Water Quality Parameters					
Vegetation/Sediment Type		Sand		Water Type (estuary, marsh, standing, marsh backfill)					
Pentrometer (marsh sites only)				Temperature (°C)					
Shear Strength (kg/cm ²) (marsh sites only)				Barometric Pressure (mm Hg)					
Forams (preserved, x2)		Yes		Dissolved Oxygen (DO) (%)					
Bulk Density/LOI		Yes		DO (mg/L)					
Grain Size		Yes		Specific Conductance (mS/cm)					
Stable Isotopes/Metals		Yes		Salinity					
Distance from GPS		25 cm		pH (-)					
Azimuth from GPS		S 175°		ORP (mV)					
Marsh Push Core: 4" Polycarbonate Barrel				Sand Gouge Core: AMS Sand/Loose Sediment Probe					
Vegetation Type				Barrel Length (cm)		60.96			
Pentrometer				ITGODS (bottom of weld ≈ top of barrel) (cm)		Not recorded			
Shear Strength (kg/cm ²)				Recovered Core Length (cm)		48, 42			
Barrel Length (cm)				Core Catcher Used?		No			
In-the-Ground Inside Depth to Surface (ITGIDS) (cm)				Distance from GPS		10-20 cm			
In-the-Ground Outside Depth to Surface (ITGODS) (cm)				Azimuth from GPS		Not recorded			
Compaction (cm)									
Recovered Core Length (cm)									
Distance from GPS									
Azimuth from GPS									
Marsh Auger Core: Eijkelpamp Peat Sampler				Shovel (Dig) Core: AMS Sharpshooter Shovel					
Number of Sections				Recovered Depth (cm)					
Total Core Length (cm)				Distance from GPS					
Distance from GPS				Azimuth from GPS					
Azimuth from GPS									
Notes									
Overwash fan with sparse vegetation, adjacent to more vegetated dune.									
Trench: water table ~ 45 cm from surface; no organics.									
2X sand auger: 0-48 cm from surface; 42 cm from wet sand through water table (42-84 cm depth).									
Photos									
Canon A630: IMG_0206.JPG through IMG_0209.JPG: N --> E --> S --> W from site									