

Site ID				14CTB - 327					
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)		12:58		Departure Time (EDT)		Not recorded			
Latitude		38.12067		Longitude		-75.18467			
Water Depth (m)									
Handheld GPS used		Garmin GPSMap 76S		GPS Waypoint		017			
YSI				Camera		Canon A63, Nikon D5200			
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		A017		Stop Time					
Occupation Time (min)		5		Total Volume					
Surface/Grab				Water Quality Parameters					
Vegetation/Sediment Type		Sand and veg		Water Type (estuary, marsh, standing, marsh backfill)					
Pentrometer (marsh sites only)				Temperature (°C)					
Shear Strength (kg/cm <sup>2</sup> ) (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		35 cm		pH (-)					
Azimuth from GPS		NE 035°		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)		6			
Shear Strength (kg/cm <sup>2</sup> )				Recovered Core Length (cm)		41.5			
Barrel Length (cm)				Core Catcher Used?		No			
In-the-Ground Inside Depth to Surface (ITGIDS) (cm)				Distance from GPS		15 cm			
In-the-Ground Outside Depth to Surface (ITGODS) (cm)				Azimuth from GPS		N 020°			
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									
Vegetated overwash deposit.									
Trench: water table at 31-33 cm, heavy rooted layer (marsh surface?) at 34 cm.									
Trench infilling and collapsing as fast as we dig.									
Sample 14CTB-327-T1: lowermost sand we could get from trench wall.									
Photos									
Canon A630: IMG_0200.JPG through IMG_0203.JPG: N --> E --> S --> W from site									
IMG_0204.JPG: trench site									
IMG_0205.JPG: site vegetation									
Nikon D5200: DSC_0053.JPG through DSC_0057.JPG: site and trench photos									
DSC_0058.JPG: approximately E along transect from site 327 to next site									