

Site ID14CTB - 465			
USGS Field Activity Number (FAN)		2014-322-FA (14CTB02)	
Date	25-Oct-14	Day of Year	298
Field Crew		Julie Bernier, Marci Marot	
Platform	Over-Sand Vehicle	Location	Assateague Island, MD
Arrival Time (EDT)	13:19	Departure Time (EDT)	Not recorded
Latitude	38.24938	Longitude	-75.13249
Water Depth (m)			
Handheld GPS used	Garmin GPSMap 76S	GPS Waypoint	051
YSI		Camera	Nikon D5200
Sample Type/SampleX, Measure, Time		Sample Type/SampleX, Measure, Time	
DGPS Positioning		Radium Sampling: Mn Fiber	
GPS Reciever Used	Z-Xtreme Rover A	Start Time	
GPS Session ID	A051	Stop Time	
Occupation Time (min)	5	Total Volume	
Surface/Grab		Water Quality Parameters	
Vegetation/Sediment Type	Sand + veg	Water Type (estuary, marsh, standing, marsh backfill)	
Pentrometer (marsh sites only)		Temperature (°C)	
Shear Strength (kg/cm²) (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	15 cm	pH (-)	
Azimuth from GPS	NE 050°	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)	Full penetration
Shear Strength (kg/cm²)		Recovered Core Length (cm)	51, 39
Barrel Length (cm)		Core Catcher Used?	No
In-the-Ground Inside Depth to Surface (ITGIDS) (cm)		Distance from GPS	Not recorded
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			
On overwash fan; sparse vegetation - Panicum? golden rod, and sand burrs.			
Trench: banded sand; water table and backfill at ~ 33 cm.			
2x sand auger: 0-51 cm from surface, no organics; 35-74 cm from trench, banding including prominent dark gray layer from 25~28 cm core depth.			
* Skip sits 467 and 468: up-slope towards beach, no chance of penetrating "marsh" surface.*			
Photos			
Nikon D5200: DSC_0243.JPG: site photo			
DSC_0244.JPG through DSC_0247.JPG: N --> E --> S --> W from site			
DSC_0248.JPG through DSC_0251.JPG: trench photos			
DSC_0252.JPG through DSC_0254.JPG: coring			