

Site ID14CTB - 466			
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)	14:38	Departure Time (EDT)	Not recorded
Latitude	38.24921	Longitude	-75.13173
Water Depth (m)			
Handheld GPS used	Garmin GPSMap 76S	GPS Waypoint	052
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	A052	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	25 cm	pH (-)	
Azimuth from GPS	E 080°	ORP (mV)	
Marsh Push Core: 4" Polycarbonate Barrel		Sand Gouge Core: AMS Sand/Loose Sediment Probe	
Vegetation Type		Barrel Length (cm)	
Pentrometer		ITGODS (bottom of weld ≈ top of barrel) (cm)	
Shear Strength (kg/cm²)		Recovered Core Length (cm)	
Barrel Length (cm)		Core Catcher Used?	
In-the-Ground Inside Depth to Surface (ITGIDS) (cm)		Distance from GPS	
In-the-Ground Outside Depth to Surface (ITGODS) (cm)		Azimuth from GPS	
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			
Sand and sparse vegetation.			
On alongshore GPR transect; elevation, surface grab, and test trench only - no sand auger.			
Trench: dark gray banding most prominent in upper 25 cm, including thick set of bands from 20-25 cm.			
No water table to 55 cm.			
Photos			
Nikon D5200: DSC_0255.JPG: site photo			
DSC_0256.JPG through DSC_0259.JPG: N --> E --> S --> W from site			
DSC_0260.JPG and DSC_0261.JPG: trench photos			