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| Site ID14CTB - 437 | | | |
| USGS Field Activity Number (FAN) | | 2014-322-FA (14CTB02) | |
| Date | 24-Oct-14 | Day of Year | 297 |
| Field Crew | | Julie Bernier, Marci Marot | |
| Platform | Over-Sand Vehicle | Location | Assateague Island, MD |
| Arrival Time (EDT) | 13:12 | Departure Time (EDT) | Not recorded |
| Latitude | 38.11292 | Longitude | -75.18764 |
| Water Depth (m) | | | |
| Handheld GPS used | Garmin GPSMap 76S | GPS Waypoint | 032 |
| 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 | A032 | 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/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 | NW 310° | 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) | 26.5, 34 |
| Barrel Length (cm) | | Core Catcher Used? | No |
| In-the-Ground Inside Depth to Surface (ITGIDS) (cm) | | Distance from GPS | 25 cm |
| In-the-Ground Outside Depth to Surface (ITGODS) (cm) | | Azimuth from GPS | NW 300° |
| 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 | | | |
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| Notes | | | |
| Target on side of grassy "knoll;" - sample from bare overwash adjacent to target. | | | |
| DGPS site A033 from crest of vegetated knoll. | | | |
| Trench: water table and backfill at 34 cm. | | | |
| Light/dark (dry/wet?) and some rusty layering. | | | |
| Backfill salinity 5 ppt. | | | |
| 2x sand auger: 0-26.5 cm from surface (no organics), 25-59 cm from 25 cm depth. | | | |
| Second sand auger recovered organics and underlying sand. | | | |
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| Photos | | | |
| Nikon D5200: DSC_0139.JPG and DSC_0140.JPG: site photos | | | |
| DSC_0141.JPG through DSC_0144.JPG: N --> E --> S --> W from site | | | |
| DSC_0145.JPG: site photo | | | |
| DSC_0146.JPG and DSC_0147.JPG: trench photos | | | |
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