

| Site ID | | | | 14BRN-16(B) (Box Core) | | | |
|---|--|--|--|--|--|-------------|--|
| Date | | May 15, 2014 | | | | | |
| USGS Field Activity Number (FAN) | | 2014-310-FA (14BRN) | | | | | |
| Field Crew | | Chris Smith, Marci Marot, Alisha Ellis | | | | | |
| Platform | | RUMFS RV <i>Caleta</i> | | | | | |
| Arrival Time (EDT) | | 12:00 PM | | Departure Time (EDT) | | 12:40 PM | |
| Latitude (DD) | | 39.57274 | | Longitude (DD) | | -74.32582 | |
| Water Depth (m) | | 2.1 (7 ft) | | | | | |
| Handheld GPS used | | Garmin GPSMap 62stc | | GPS Waypoint | | 72 | |
| YSI | | Pro-Plus | | Camera | | Nikon AW100 | |
| Sample Type/Sample Info | | | | | | | |
| Box Core: USGS SPCMSC 30cm x 45cm Box Corer | | | | Surface/Grab: USGS SPCMSC Petit PONAR | | | |
| Number of Attempts for Full Recovery | | 1 | | Forams (preserved, x2) | | | |
| Photo #s of Sediment Surface | | | | Grain Size | | | |
| 6" OD Barrel Length (cm) | | 60.8 | | Stable Isotopes/Metals | | | |
| In-the-Ground Inside Depth to Surface (ITGIDS, cm) | | 23.8 | | | | | |
| In-the-Ground Outside Depth to Surface (ITGODS, cm) | | 23.5 | | | | | |
| 6" OD Core Compaction (cm) | | 0.3 | | | | | |
| Recovered 6" OD Core Length (cm) | | 36 | | | | | |
| 3" OD Core Compaction (cm) | | 5.6 | | | | | |
| Recovered 3" OD Core Length (cm) | | 32.5 | | | | | |
| Surface Forams (preserved, x2) | | x | | | | | |
| Surface Grain Size | | x | | | | | |
| Surface Stable Isotopes/Metals | | x | | | | | |
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| | | | | | | | |
| Water Quality Parameters: YSI | | | | | | | |
| Water Type | | Estuarine | | | | | |
| Temperature (°C) | | 16.5 | | | | | |
| Barometric Pressure (mmHg) | | 767.7 | | | | | |
| Dissolved Oxygen (DO) (%) | | 105.6 | | | | | |
| DO (mg/L) | | 8.28 | | | | | |
| Specific Conductance (mS/cm) | | 44.55 | | | | | |
| Salinity | | 28.83 | | | | | |
| pH | | 7.73 | | | | | |
| pH (mV) | | -76.5 | | | | | |
| ORP (mV) | | 127.4 | | | | | |
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| Notes | | | | | | | |
| bags and centrifuge tubes relabeled from 01G-BC to 16BC-B | | | | | | | |
| | | | | | | | |
| 3" tube ITGIDS: 50.0cm | | | | | | | |
| ITGODS: 44.4 cm | | | | | | | |
| | | | | | | | |
| SECTIONING NOTES FROM CHRIS' FIELD NOTEBOOK | | | | | | | |
| 9-10 cm: few shells (oyster), up to 8cm, down to 15cm | | | | | | | |
| 16-17 cm: begins to become "goopy", higher water content | | | | | | | |
| 28-29 cm: burrow and marsh fibers | | | | | | | |
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| Photos | | | | | | | |
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