# A6(1)

**U.S.G.S Field Activity #: 1988-017-FA**

**Latitude: 42.9317 Longitude: -70.7633**

| USGS Core # | Section # | Photo (2019) | Depth (cm) | Lithology: Mud – Clay | Lithology: Mud – Silt | Lithology: Sand – VF | Lithology: Sand – F | Lithology: Sand – M | Lithology: Sand – C | Lithology: Sand – VC | Lithology: Gravel – Granule | Lithology: Gravel – Pebble | Lithology: Gravel – Cobble | DESCRIPTION | Color | Sample Depth (cm) | GSM (%) Gravel | GSM (%) Sand | GSM (%) Mud | Sand Fraction Only Mean Phi | Sand Fraction Only Sorting Phi | GSM (%) Gravel | GSM (%) Sand | GSM (%) Mud | Whole Sample Mean Phi | Whole Sample Sorting Phi | Depositional Environment | Seismic Unit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AT1-88-A6(1) | Section 1 | (Slumped, in 2019) | 0–128 | | | | | | | | | | | **Medium Sand.** Light olive gray (5Y6/1); well sorted; shell fragments at 20 to 40 cm; one pebble at 55 cm depth; clean sand. | | 30 | 0.0 | 97.0 | 3.0 | 2.4 | 0.91 | | | | | | Sand mounds since the last post-glacial lowstand. | **Unit 4**.Holocene sand sheets and mounds. |
| | | | | | | | | | | | | | | | | 58 | | | | | | 22.4 | 76.8 | 0.8 | 0.4 | 2.19 | | |
| | | | | | | | | | | | | | | | | 90 | 0.0 | 99.0 | 1.0 | 2.2 | 0.41 | | | | | | | |
| | | | | | | | | | | | | | | | | 110 | | | | | | 0.0 | 99.4 | 0.6 | 2.2 | 0.48 | | |
| | | | | | | | | | | | | | | | | 148–150 | <1.0 | 99.0 | <1.0 | 2.5 | 0.4 | 0.0 | 99.3 | 0.7 | 2.5 | 0.43 | | |
| | Section 2 | | 128–227 | | | | | | | | | | | New core section. **Medium Sand.** Light olive gray (5Y6/1); well sorted; black organic rich lense at ~179 cm depth. | | 198 | | | | | | 0.0 | 99.3 | 0.7 | 2.5 | 0.40 | | |
| | | | | | | | | | | | | | | | | 210 | 0.0 | 99.0 | 1.0 | 2.5 | 0.35 | | | | | | | |