A7(2)

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

Latitude: 42. 9483 Longitude: -70.7533

AT1-88-A7(2)

USGS Core #	Section #	Photo (2019)	Depth (cm)	Lithology: Mud: Clay	Mud: Silt	Sand: VF	Sand: F	Sand: M	Sand: C	Sand: VC	Gravel: Granule	Gravel: Pebble	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
	Section 1		0											**No core** (in 2019 when photographed and sampled, this section was slumped instead of missing)														
			26													28	2.0	93.0	5.0	0.9	0.98	4.2	92.7	3.1	0.8	1.26	Sand mounds since the last post-glacial lowstand.	**Unit 4**.Holocene sand sheets and mounds.
			45													30												
			49											**Coarse Sand and Granule.** Light olive gray (5Y6/1); pocket of coarse sediments with pebbles; large shell fragments.															
			50													52						68.4	29.5	2.1	-2.5	2.79		
			100											**Coarse Sand to Very Coarse.** Olive black (5Y2/1) at top to light olive gray (5Y6/1) at base; some granule and pebbles (up to 3.5 cm); mud pod at ~75 cm.		90	27.0	71.0	2.0	0.6	0.95	21.2	77.8	1.0	0.2	1.61		
			112																									
	Section 2		150											New Core Section. **Gravel.** Olive gray (5Y4/1); poorly sorted; sharp lower contact; coarse sand and gravel; pebbles common; sharp contact with underlying unit.		134						69.6	28.2	2.2	-2.0	2.79		
			153													160						34.6	47.4	18.0	0.7	3.41		
			180											**Medium to Coarse Sand.** Light olive gray (5Y6/1) to olive gray (5Y4/1); poorly sorted; pebbles and cobbles common (up to 8 cm).														
			200											**Fine to Medium Sand.** Light olive gray (5Y6/1); poorly sorted; occasional pebbles (up to 5 cm).		195	16.0	72.0	12.0	2.0	1.18							
			205																									