






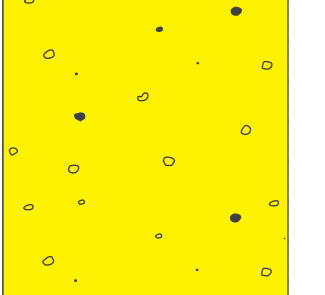



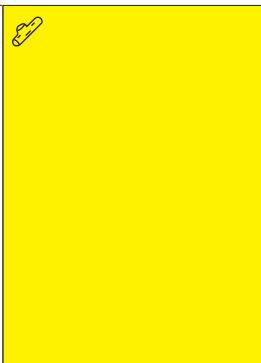
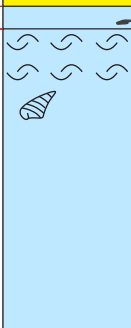

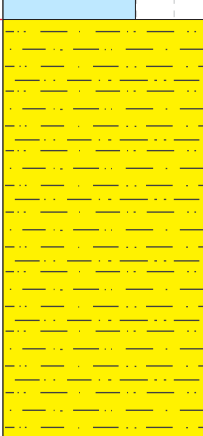

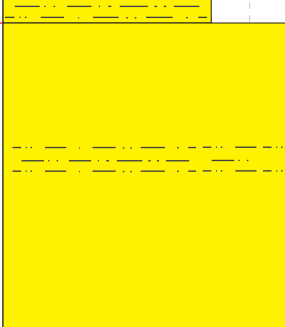





A4										U.S.G.S Field Activity #: 1988-017-FA Latitude: 43.0067 Longitude: -70.6717																						
USGS Core #	Section #	Photo (2016)	Depth (cm)	Lithology										DESCRIPTION	Color	Sample Depth (cm)	GSM (%)			Sand Fraction Only		GSM (%)			Whole Sample		Depositional Environment	Seismic Unit				
				Mud		Sand						Gravel					Gravel	Sand	Mud	Mean Phi	Sorting Phi	Gravel	Sand	Mud	Mean Phi	Sorting Phi						
				Clay	Silt	VF	F	M	C	VC	Granule	Pebble	Cobble																			
AT1-88-A4	Section 1		0											Fine to Very Coarse Sand - Gravelly. Light olive gray (5Y6/1) to olive black (5Y2/1); poorly sorted; scattered pebbles (up to 1 cm) in upper half; pebbles and cobbles (4.3 cm) in lower half; large cobble at surface (8 cm).		8															Sand mounds since the last post-glacial lowstand.	Unit 4.Holocene sand sheets and mounds. From top of the core to the bottom.
			14													30	28.0	70.0	2.0	0.7	0.79	45.1	22.1	3.6	0.3	1.68						
	Section 2		68											Medium to Very Coarse Sand - Gravelly. Olive gray (5Y4/1) to light olive gray (5Y6/1); very poorly sorted; coarse to very coarse grains with fine sand matrix along; very common pebbles and cobbles to ~4 cm; shell fragments; mud lense from ~110 to 125 cm.		90							66.0	32.3	1.7	-2.0	2.39					
			72													143						48.8	48.1	3.1	-1.1	2.31						
	Section 3		128											New core section. Very Coarse Sand. Olive gray (5Y4/1) to light olive gray (5Y6/1); very poorly sorted; pebbles and cobbles common (2-8 cm); shell fragments common.		213							3.3	91.5	5.2	1.2	1.27					
			168													220	6.0	91.0	3.0	1.2	0.97	4.7	91.1	4.2	1.0	1.09						
	Section 3		193											Very Coarse Sand - Gravelly. Olive black (5Y2/1) to medium dark gray (N4); very poorly sorted; scattered shell fragments; common pebbles (up to 3.5 cm); some cobbles; mud lense with fine sand at base with sharp contact.		248																
			275													288							0.4	90.7	8.9	1.9	1.29					
	Section 3		278											Mud. Olive gray (5Y4/1); mud lense at the base.		326							7.7	89.5	2.8	1.0	1.13					
			311													350	2.0	96.0	2.0	1.2	0.7	1.0	96.0	3.0	1.4	0.69						
Section 3		350											Coarse Sand. Olive gray (5Y4/1); scattered small pebbles.		358																	
		380																														

USGS Core #				Section #	Photo (2016)	Depth (cm)	Lithology										DESCRIPTION	Color	Sample Depth (cm)	GSM (%)			Sand Fraction Only		GSM (%)			Whole Sample		Depositional Environment	Seismic Unit				
		Mud					Sand						Gravel																						
Clay	Silt	VF	F				M	C	VC	Granule	Pebble	Cobble				Gravel				Sand	Mud	Mean Phi	Sorting Phi	Gravel	Sand	Mud	Mean Phi	Sorting Phi							
AT1-88-A4		Section 3				380											Continuation of section 3. Medium to Coarse Sand. Olive gray (5Y4/1); one wood fragment; mud lense at ~430 cm (~4 cm thick) to end of section.	Olive gray	408																
				428 431																															
		Section 4				450											New core section. Mud. Olive gray (5Y4/1) to olive black (5Y2/1); shell hash in upper part; occasional organic (dark) spots; gastropod at ~440 cm.	Olive gray	444																
				473																															
						500											Fine Sand with Mud. Olive gray (5Y4/1); common mica flecks, muddy lense in bottom part; sharp unconformity at base.	Olive gray	491																
				531																															
						550											Coarse Sand. Medium dark gray (N4) to dark gray (N3); gradational contact with muddy lense (2.5 cm thick) at ~550 cm depth; coarse sand below lense.	Medium dark gray	536																
				574 581																															
																	Very Coarse Sand - Gravelly. Grayish Black (N2); very coarse to gravelly sand; common pebbles	Grayish Black	575																
				