








UNH-14																																								
U.S.G.S Field Activity #: 1984-016-FA																																								
Latitude: 42.9283 Longitude: -70.7600																																								
Photo (1984)	Photo (2019)	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																												
		0											<p><b>Fine Sand.</b> Dark yellowish orange (10YR6/6). Shell fragments at 14 cm.</p> <p><b>Fine Sand.</b> Yellowish gray (5Y7/2). Distinct contact; shell fragments at the base of layer; rock fragments up to 6.4 cm at 23 cm depth. 3.6% Silt and 3.4% Clay.</p> <p><b>Fine Sand.</b> Yellowish gray (5Y7/2). Distinct contact; one biotite-rich lens.</p> <p><b>Silt.</b> Dusky Yellowish Brown (10YR2/2). Organic rich; two pods of very fine sand with iron stain .</p> <p>New core section. <b>Silt.</b> Dusky Yellowish Brown (10YR2/2). grading down to very fine to fine sand; shell fragments and peat at 103 cm.</p> <p><b>Very Fine Sand to Fine Sand.</b> Light olive gray (5Y5/2). 11.1% Silt and 2.3% Clay.</p> <p>New core section. <b>Very Fine Sand to Fine Sand.</b> Light olive gray (5Y5/2); two biotite rich lenses with surrounding iron stains.</p> <p><b>Silty Clay or Clayey Silt.</b> Grayish olive green (5GY3/2). Numerous sand lenses, thinner than 1 cm; 5 cm concretion at 280 cm.</p> <p>New core section. <b>Silty Clay or Clayey Silt</b> (48.1% Silt, 48.7% clay). Grayish olive green (5GY3/2). A few pods of silt and very fine sand; some contains shell fragments.</p>		8																					Sand mounds since the last post-glacial lowstand.	<b>Unit 4.</b> Holocene sand sheets and mounds.			
		22													30	0.1	92.9	7.0			0.0	98.8	1.2	2.6	0.65															
		51													54						0.0	97.2	2.8	2.8	0.44															
		62													72						0.0	64.6	35.4	3.9	0.62															
		95													115						0.0	93.1	6.9	2.8	0.62															
		138													155	0.0	86.6	13.4								Sand mounds since the last post-glacial lowstand.	<b>Unit 4.</b> Holocene sand sheets and mounds.													
		188													183						0.4	96.4	3.2	2.6	0.42															
		200													196						0.0	98.3	1.7	2.5	0.47															
		236													232						0.1	96.9	3.0	2.6	0.42	Glacial-marine deposit with a substantial ice-rafting component.	<b>Unit 2.</b> Glacial-Marine Mud with a significant ice r a f t i n g component. From 236 cm to the bottom of the core.													
		250													248						0.0	10.0	90.0	7.6	3.21															
Not photographed		350																																						
		400																																						

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