

Borehole HLA-5/Tract 64

79-1303

Depth Below St. Feet	Below St. Meters	Cored Interval	U.S.G.S. Samples	Lithologic Notes	Interpretation
4.5	1.4			Ice	
15'				Water	
40'	12.8	0-1.0'		Fine sand Black silt coarsening downward to sandy silt with shells & then to sand with wood	Holocene  Offshore Marine
42.1		1.0-3.0'	3.0		
		3.0-5.0'	5.0		
50'		5.0-7.5'			
		7.5-10.0'	10.0		
59.5	16.9	10.0-11.5'		Gravel, wood near base	Beach
60'		11.5-12.5'	15.0-16.5 ABC		
		12.5-13.5'	WS 16.5-20.5	Sandy gravel	Late Wisconsinan  Glacial Outwash (valley fill)
70'	21.0	13.5-15.0'	WS 26.0-30.0		
72.0		15.0-16.5'			
80'		16.5-18.0'		Drastic change in drilling, possibly frozen	Alluvium or possibly Nearshore Marine
85.0		18.0-19.5'			
90'		19.5-21.0'		Sand, gravel, bits of wood, and interbeds of sandy pebbly silt	Beach
95.0		21.0-22.5'	50.0-51.5		
100'		22.5-24.0'	WS 51.5-58.5	Dirty gravel, interbeds of sand and pebbly sand	Early Wisconsinan
109.5		24.0-25.5'	WS 60.0-70.0		
110'		25.5-27.0'		Slightly silty fine sand	Glacial Outwash
112.0		27.0-28.5'	70.0 shoe		
120'		28.5-30.0'			
130'		30.0-31.5'	79.0-80.5		
140'		31.5-33.0'	WS 80.5-84.5		
150'		33.0-34.5'			
160'	44.5	34.5-36.0'			
162.0		36.0-37.5'	72.0 shoe		
170'		37.5-39.0'			
180'		39.0-40.5'			
190'		40.5-42.0'			
200'		42.0-43.5'			
210'		43.5-45.0'			
220'	67.7	45.0-46.5'	178.5-179.0'		
230'		46.5-48.0'			
240'		48.0-49.5'			
250'		49.5-51.0'			
260'	79.3	51.0-52.5'	199.0-200.5'		
270'		52.5-54.0'		Clayey silt with seams of fine sand and laminae of detrital peat	Middle Pleistocene  Thaw Lake sediments (possibly Marine)
280'		54.0-55.5'	258.5-240.0'		
286.0	87.2	55.5-57.0'		Sandy silt and fine sand	
290'		57.0-58.5'			
29		58.5-60.0'		Dark gray sand with much detrital peat & a few small pebbles.	Alluvium
300'		60.0-61.5'	252.5-254.0'		
302.0	92.1	61.5-63.0'		Pebbly sand	
310'		63.0-64.5'			
320'		64.5-66.0'			
330'		66.0-67.5'			
340'		67.5-69.0'		Dark gray sand with compressed peat partings and a few quartz-chert pebbles.	
		69.0-70.5'	283.5-295.0'		
		70.5-72.0'		Sampler Refused! (Probably top of banded permafrost.)	
		72.0-73.5'	300.0-300.4'		

Preliminary