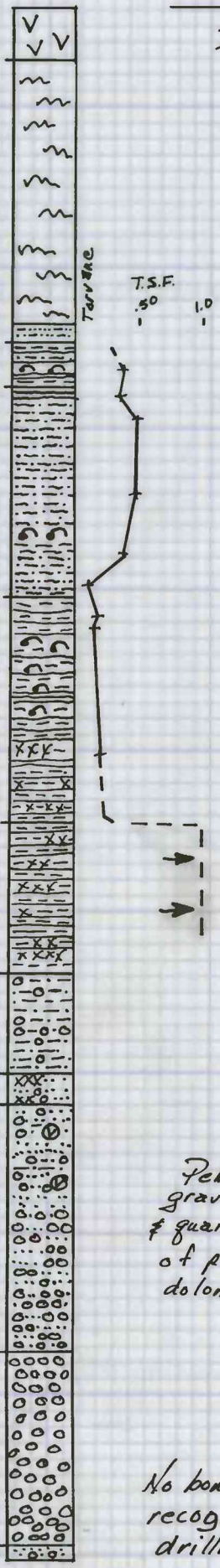
Borehole HLA-7 / Tract 101

99-1303

Depth below SL.

Feet	Meters	Cored Interval	U.S.G.S. Samples	Lithologic Notes	Interpretation
4.3	1.3			Ice	
10'				Water	
20'					
25.5'					
26.5		0-2.8'	2.8 Nose	Silty fine sand	Holocene
30'		3.0-5.8'	3.7-6.0 ABC	Clayey silt, organic silt and sandy silt	Pro-delta sediments of the Sagavanirktok River (Possibly Holocene?)
31.2	8.2	6.0-8.5'	6.0-8.8		
		9.0-11.8'		Sandy silt	
40'		12.0-14.8'	14.2-14.8		
		15.2-18.0'			
		18.0'-20.8'			
46.2	12.9	21.0-23.5'	23.5	Clayey silt	
50'		24.0-26.8'			Offshore Marine (Possibly Holocene?)
		29.0-31.8'			
		32.5-34.5'			
60'					
64.5'	19.7			Stiffer drilling	
		40.0-42.5'			Sangamon (?)
70'					Offshore Marine
		47.0-48.0'			
76.5	22.3				
		52.0-53.5'		Sandy and gravelly silt and silty sand with occ. pebbles.	
80'					
84.0	24.6	58.0-59.5'		Pebbly silty sand w/ much wood	
86.5	25.3				Near shore and beach
90'					Admixture of redeposited Flaxman Pebbls.
		68.0-69.5'		Pebbly sand and sandy gravel, rare dolomite pebbls. & quartz ventifacts + chunks of pebbly clay with dolomite.	
			W.S. 69.5-73.0		
100'			W.S. 73.0-78.0		
		80.0-81.5'	80.0		
106.0	32.3	WS 80-85			Middle Pleistocene
110'		WS 85-90			Glacial Outwash
		90.0-91.5'			
		WS 90-95		No bonded Permafrost recognized during drilling	
120'		WS 95-98.5			
123.0	37.5	98.5-100.0'			
124.5	37.9 m				



Preliminary