GUYOT GLACIER NUNATAK

STRATIGRAPHIC SECTION

Sections 16-21 T. 21S, R.23E

Bering Glacier Quadrangle

Date: June 1975

Measured By: D.M., W.L., T.M., I.P.

						LAB DATA			
			Тор	Of Hill & Sect	tion		PERCENT	PERME- ABILITY	PPM HYDRO- CARBON
TERTIARY		Formation	TM-I5-75	-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	175'	Siltstone, conglomeratic and silty conglomerate glacially striated clasts to 1'. Some conglomerates are very friable, variable indurated (much covered)	8.3	.33	10
			TM-12-75	8	30'	Sandstone to Conglomerate, interbedded sandstone beds to 11', thick conglomerate, 3'-12' thick with abundant pelecypods; conglomerate clasts to 3', round to very angular (sedimentary 45%,igneous 30%, metamorphic 25%) (11' sandstone bed maintains thickness 300 yards)	neritic?	3.05 0.70 1.29 ne - Pleistoce	
	NE		TM-3-75				middle to	e-early Pleis outer neritic	focene-
	E PLIOCENE		TM-2-75	2	311-1211	Mudstone, medium gray (N-5), soft hackly fracture up to 3"-12" sandstone interbeds. Quartz 45%, feldspar 45%, mafics 10%; shale 95%, sandstone 5%	Pliocene to Pleistocene-middle to quiter neritic		
	MIOCENE	Yakataga	TM-1-75 WML(I5-I7)75				late Pliocene-early Pleistocene- middle to outer neritic 24.1 508 65		
	œ		WML-14-75	}	30'	Sandstone and Mudstone, 60%/40% as described below	22.1	450 520	65 20
	UPPE		WML-12-75			Sandstone and Mudstone, alternating (2" with ripple marks, expands to 10-21") westerly, gray fresh, olive-gray weathered,	10.8	12 70	24
			WML-(8-10)75 WML-6-75			medium grain with fine matrix, round to subround, 40% dark; 30% green-gray, 10% black, balance white	3.8 17.0	99	78
			WML-5-75-		240				10
			WML-4-75-			Mudstone, same as below, fine striation beds with ½" beds of sandstone to siltstone; elongate lenses 2'-4'; overall 99% mudstone with ice rafted pebbles — cobbles	47	7.0	5
			WML-3-75-			Mudstone, olive-gray, hackly fracture	1.1	>.01	29
	1					AVERAGE	12.5	128.0	

Scale | " = 100"