



EXPLANATION

SEDIMENTARY AND METAMORPHIC ROCKS

Recent		Moraine and talus	QUATERNARY
		Upper hornfels	
		Middle hornfels	
		Lower hornfels (Includes some limestone)	
		Limestone (Includes some shale)	
Early Cretaceous (?) or younger		IGNEOUS ROCKS	CRETACEOUS (?)
		Post-mineral intrusives (Dikes and plug-like masses)	
Early Cretaceous (?)		Quartz monzonite porphyry	CRETACEOUS (?)
		MINERALIZED AREA	
		Siliceous envelope	
		Material bearing conspicuous molybdenite (Stockwork)	
		Material bearing inconspicuous molybdenite (Stockwork)	
		Outer limit of quartz veinlets	
		Shear zone, showing dip	
		Fault	

Topography by W. S. Twenhofel and R. M. Mielke  
Surveyed in 1942

Geology by W. S. Twenhofel and D. M. Hopkins

500 0 1,000 Feet  
Contour interval 50 feet  
Datum is approximate mean sea level

GEOLOGIC MAP OF NUNATAK AREA, MUIR INLET,  
GLACIER BAY, SOUTHEASTERN ALASKA

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