



**EXPLANATION**

Recent		Qal	QUATERNARY
		Alluvium	
		Qt	
PALEOZOIC OR MESOZOIC		Mafic intrusive rock	PALEOZOIC OR MESOZOIC
		Granite	
PALEOZOIC		Is	PALEOZOIC

Port Clarence limestone  
Shaly limestone and dolomitic limestone

Rhyolite porphyry dike  
Trends generalized

Basalt porphyry dike  
Trends generalized

Dike-cemented breccia

Alluvial fans

Contact  
Dashed where gradational or inferred

Fault, showing dip  
Dashed where inferred or approximately located; dotted where concealed. U, upthrown side; D, downthrown side

Vertical fault

Strike and dip of beds

Prospect  
Generally pits or tunnel

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN DECLINATION, 1962

Topography by George H. Cronin, 1940

Geology by J. B. Mertie, Jr., and R. R. Coats, 1940.  
Modified by P. L. Killeen, 1943, and by  
C. L. Sainsbury, 1954.

**GENERAL GEOLOGIC MAP OF THE LOST RIVER VALLEY AND ADJOINING AREA, ALASKA**

