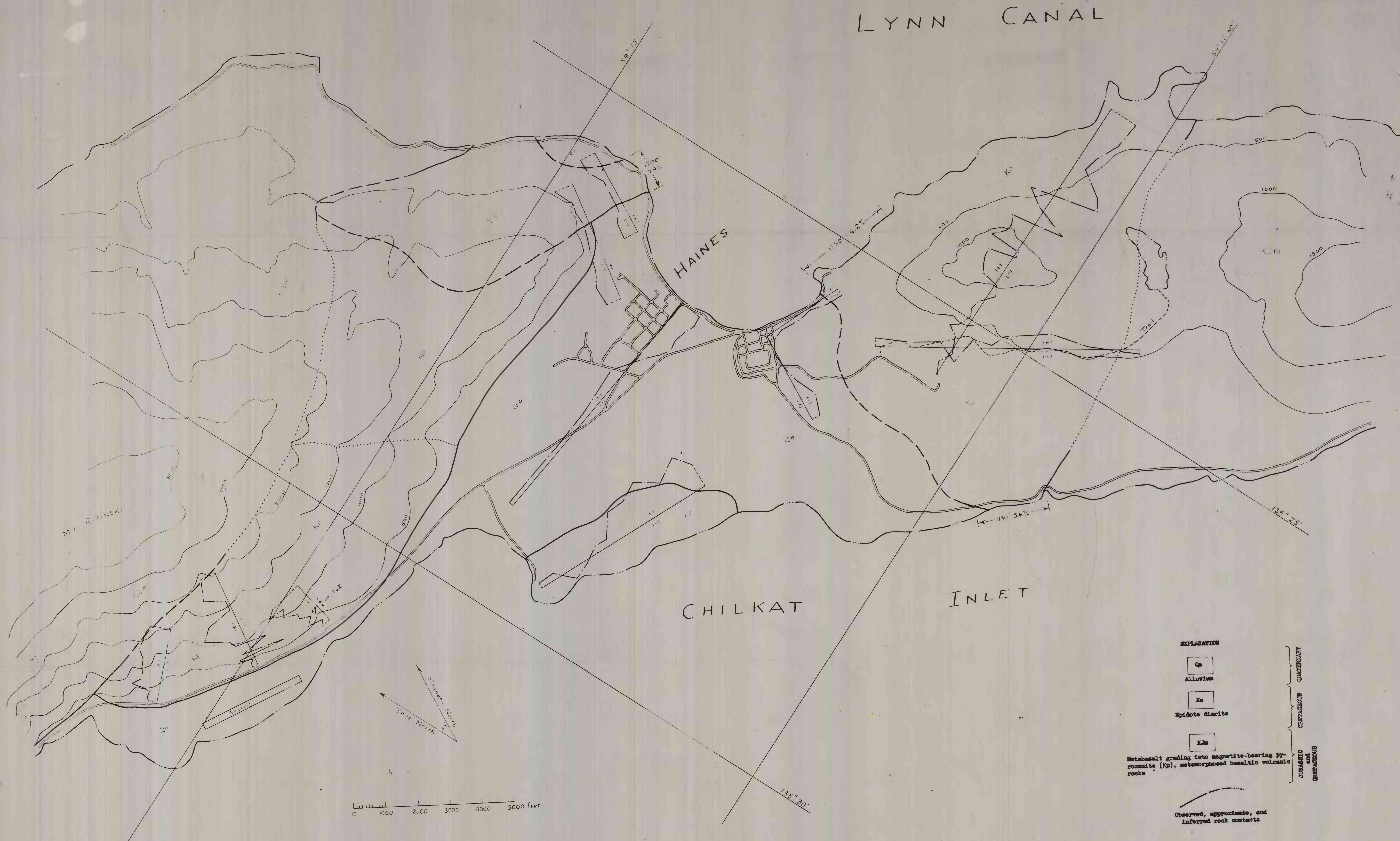


MAGNETIC ANOMALIES FROM DIP NEEDLE TRAVERSES AND  
 CHEMICAL ANALYSIS AVERAGES FROM SAMPLE TRAVERSES  
 HAINES MAGNETITE DEPOSITS  
 SOUTHEASTERN ALASKA



Topography compiled from  
 U.S.G.S., 1950  
 U.S. - Canada International Boundary Survey, 1904-1907  
 Geology and Magnetic Data, E. C. Robertson, 1950 and 1953

This map is preliminary and has not been  
 edited or reviewed for conformity with U. S.  
 Geological Survey standards and nomenclature.

**EXPLANATION**

	Qa	QUATERNARY
	Alluvium	
	Ke	CRETACEOUS
	Epidote diorite	
	Km	JURASSIC and CRETACEOUS
	Metabasalt grading into magnetite-bearing pyroxenite (Kp), metamorphosed basaltic volcanic rocks	

Observed, approximate, and inferred rock contacts

**Miscellaneous Symbols**

Drainage

Site of former tunnel of Alaska Iron & Steel Co.

Maximum swing readings of dip needle held parallel to magnetic meridian, scale in degrees measured from horizontal

Average chemical analyses of samples of rock over inclined distance shown, giving percent iron as magnetic iron. Analyses by U.S.G.S.