

Unconsolidated alluvium and glacial and glaciofluvial deposits

BEDDED ROCKS

Interbedded sediments, tuffs and basic volcanic flows including some basic dikes and sills. Coarse stippling indicates areas of strong pyrite mineralization

INTRUSIVE ROCKS

Porphyritic (dikes) and equigranular (ruled) hornblende granodiorite and diorite

Biotite diorite

Hornblende quartz monzonite

Biotite quartz monzonite porphyry

— Limit of unconsolidated deposits

- - - Approximate rock unit contact

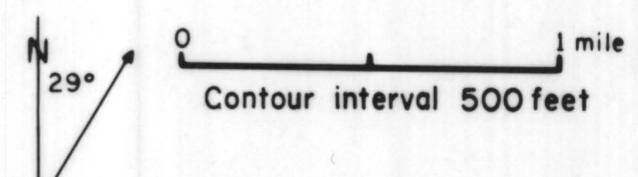
- - Fault, known and inferred showing dip and relative movement

Strike and dip of bedding

Prospect, ore mineral occurrence or gold placer. Numbers refer to descriptive notes in text

○ Geochemical stream sediment sample. Starred circle indicates enrichment in heavy metals

— Roads and trails



Geology by D.H. Richter and G. Herreid assisted by W.T. Phillips, Jr., Aug.-Sept. 1963.

Topography from U.S. Geological Survey Gulkana D-1 and Nabesna D-6 quadrangles.

Geologic map of the Ahtell Creek area, Slana district, Alaska