



Volcanic ash, fine grained white pumice with fragments feldspar, quartz, hornblende

Stream & glacial deposits, soil cover, vegetation, and tundra

Tec - Sandstone, conglomerate, shale, minor agglomerate & tuff interbeds

Tqv - Lava flows & associated rocks. Includes minor amounts sediments, mostly conglomerate

Pvs - Mainly volcanic rocks. Basalt, andesite, agglomerate, tuff, minor porphyritic andesite and porphyritic rhyolite, minor shale. In White River valley, mainly porphyritic and anygdaloidal basalts, minor argillite, phyllite, hornfels, and slate

Psv - Mainly argillite; subordinate hornfels & phyllite, minor shale, conglomerate, tuff

Pl - Limestone. Locally fossiliferous

INTRUSIVE ROCKS

JTi - Quartz monzonite to diorite

JTim - Gabbro

Dike

Peridotite sill

Mineralised outcrop (mainly pyrite, chalcopyrite shown by the more intense dots)

Pyritized dike

Contact; inferred contact

Shear zone

Fault

Inferred fault

Fault or lineament from aerial photographs

Strike, dip (var. = variable dip)

Strike of vertical bed

Horizontal bed

Strike & dip of cleavage

Strike of vertical cleavage

Adit

Aircraft landing site

Cabin

Trail or pack horse route

Geochemical sample locations (background, anomalous)

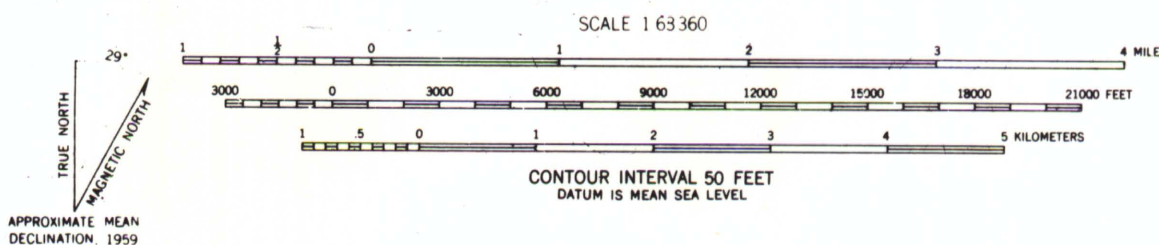


Figure 2-C Geologic-geochemical map of the northeastern part of the McCarthy Quadrangle, Alaska
Geology transcribed directly from S.R. Capps (1916), except where revised by Knaebel as shown at right.
Air photo lineaments by Knaebel. Reconnaissance mapping by Capps; plotted geologic relationships only approximate (Capps 1916,pg 28). Geochemistry by Jeff Knaebel and R.L. Gaddis, 1969.

Base map from U.S. Geological Survey McCarthy C-1, C-2, C-3, D-1, D-2 & D-3 Quadrangles, Alaska

Shaded areas indicate geology revised by Knaebel

