



- EXPLANATION**
- Volcanic ash, fine grained white pumice with fragments feldspar, quartz, hornblende
 - Stream & glacial deposits, soil cover, vegetation, and tundra
 - Tsc** - 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
 - Mineralized 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)

RECENT
 LATE TERTIARY TO RECENT
 PERMIAN
 MESOZOIC OR YOUNGER
 (after Duxon & Fugère Alaska compilation, 1964)

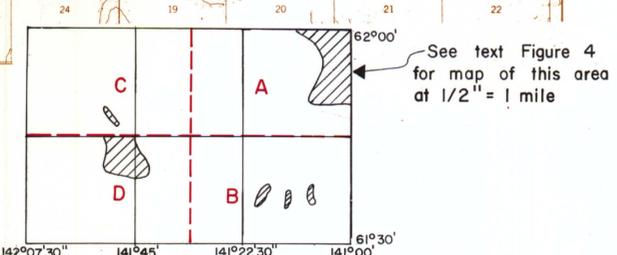
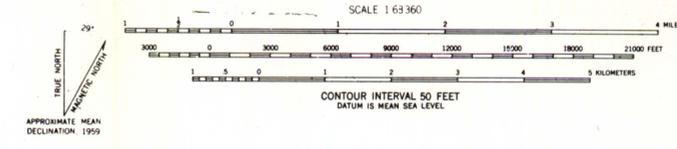


Figure 2-D Geologic-geochemical map of the northeastern part of the McCarthy Quadrangle, Alaska
 Geology transcribed directly from S.R. Capps (1916), except where revised by Knaebel as shown at right.
 Air photo lineaments by Knaebel. Reconnaissance mapping by Capps; plotted geologic relationships only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

