OW Wewe Slate (does not crop out) OK Kona Dolomite am Mesnard Quartzite

00

Unconformity

Ajibik Quartzite

Animikie

90 Meta-felsic porthyry (fp) or meta-quartz porphyry (qp).

mg

901

Conglomerate, slate, arkose, and sericitic

quartzite similar to that near Enchantment

Lake, Marquette quadrangle.

Unconformity

Age uncertain, probably basal Animikie. Generally as thin sills or dikes. Crop out north of

Conglomerate, slate, arkose,

quartzite, tillite, like that

exposed near Reany Creek north

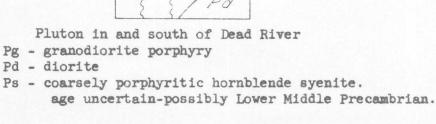
Orc

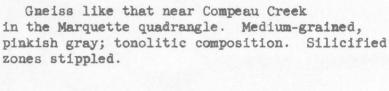
of Dead River.

metagabbro Massive, possibly recrystallized mlp fel Metafelsic rock as thin sills or

Dead River. Cataclastic textures common.

dikes; outlines not shown as outcrops are small. General location of outcrop indicated by arrow. Some are mineralogically similar to the gneiss (ccg). Some possibly are crystal tuffs. Most are sheared; cataclastic textures common.

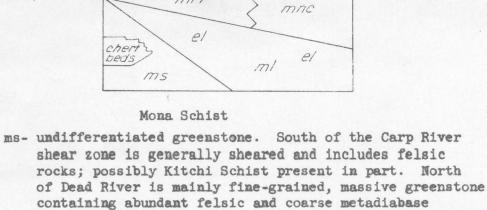




K5 Kitchi Schist Fragmental metavolcanic rocks of latite to rhyodacite composition. Large - often

Crystal tuffs and crystal-lithic tuffs common.

rounded, clasts in tuffaceous matrix.



coarse metadiabase occurs north of Dead River; fine-grained sphalerite and chalcopyrite occur locally in iron-formation. mlp- fine-grained layered amphibolite; generally coarser-

mlp

grained and less distinctly layered near contact with gneiss; zone of abundant felsic augen is shown by crosshatched color pattern. mrt- sheared rhyolite tuff; coarsely fragmental locally. mnc- quartz-feldspar-sericite-chlorite schist. Biotite present near contact with pluton in sec. 18, T. 48 N., R 26 W. Possibly a metamorphosed tuff of intermediate composition.

intrusions. Chert-magnetite iron-formation bounded by

ml- massive, generally fine-grained, metabasalt. Large pillow structures common; el indicates areas of pillow structures.

- -- -? -? -

Dashed where approximately located: queried where very

uncertain

uncertain

Strike and dip of overturned beds Strike and dip of layers of pillow structures in greenstone

Limit of outcrop or outcrop area

Contact

Strike and dip of beds

U, upthrown side: D, downthrown side.

Showing trace of axial plane and bearing and plunge of axis. Dashed where approximately located.

Overturned syncline

Plunge of minor anticline

)))) 15

€ € € 20

Plunge of minor syncline 20 Strike and dip of foliation includes layering in mlp

Trend of foliation, showing dip 80 Strike and dip of cleavage

Vertical lineation 50

Bearing and plunge of lineation

Vein Commonly quartz-carbonate

Strike and dip of joint

Gravel pit

Prospect pit

0/6

Diamond drill hole py

Pb Zn Cu Areas containing lead, zinc, or copper sulfides

U.S. Geological Survey OPEN FILE MAP This map is preliminary and has not been edited or reviewed for

GEOLOGICAL SURVEY

conformity with Geological Survey standards or nomenclature.

recombrion

Dashed where approximately located or inferred: queried where

Abundant pyrite in gneiss