

LEGEND

Quaternary Deposits

Qal Recent Stream Alluvium; Silt, sand, and gravel deposited in modern streams.

Qaf Alluvial Fan Deposits; Coarse, stratified sand and gravel in both active and inactive fan systems.

Qb Terrace Alluvium; Poorly stratified sand and gravels of several ages. Generally covered with climax vegetation.

Qbf Placer Mine Tailings; Sorted gravels with fines removed.

Tertiary Intrusive and Related Rocks

Tb Basalt; Dark gray, fine grained, equigranular, forms dikes.

Tm Gabbro to Ultramafics; Fresh to altered dikes and plugs. Occurs in structural zones.

Th Hornfels and Skarn; Green-gray aphanitic, epidote, garnet + magnetite skarn and tremolite hornfels.

Tf Quartz Felsite; Light gray, porphyritic.

Lower Paleozoic Spruce Creek Sequence

Psc Chloritic Phyllite; Light green to gray, locally quartzofeldspathic. Includes chloritic calc-phyllite (Psc).

Psg Graphitic Phyllite; Black to dark gray, locally siliceous and carbonaceous.

Psq Quartzite; Fine grained, vitreous, low mica content.

Psm Marble; Gray-blue, schistose locally abundant interbedded Psc.

Psf Metafelsite; Tan to black, foliated rhyolitic volcanic and tuffaceous rocks. Blastoporphyratic variety (Psf) contains quartz and feldspar phenocrysts.

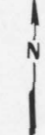
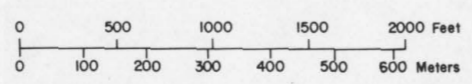
Psa Meta-andesite and Diorite; Light green to gray, foliated with unroofed amphibole blastophenocrysts.

Precambrian to Lower Paleozoic Birch Creek Schist

pCsq Undifferentiated Schist, Quartzite and Gneiss; Garnetiferous quartz mica schist, massive to laminated schistose quartzite and feldspathic biotite gneiss.

Structural Features:

- High angle fault, dashed where approximately located
- Thrust fault, barbs on upper plate
- Antiform, showing trace of axial surface and plunge
- Synform, showing trace of axial surface and plunge
- Contact, dashed where approximately located
- Vein, showing dip
- Strike and dip of foliation
- Adit
- Caved adit
- Pit or trench
- Occurrence or prospect



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