



McCONNELL CREEK

94-D E-HALF

MAP 962A SCALE: ONE INCH TO FOUR MILES

LEGEND

- TERTIARY AND QUATERNARY**
- 11 Basalt; minor pyroclastic rocks
- TERTIARY**
- KASTBERG INTRUSIONS
 - 10 Feldspar and feldspar-quartz porphyries; porphyritic granodiorite and quartz diorite
- CRETACEOUS AND TERTIARY**
- UPPER CRETACEOUS AND PALEOCENE
- SUSTUT GROUP
- 9A Sandstones, conglomerates, and shales; minor dacitic tuff and coal; 9a, inter-layered dacitic tuff
 - 9B Mainly conglomerate
- JURASSIC AND/OR CRETACEOUS**
- UPPER JURASSIC AND/OR LOWER CRETACEOUS
- OMINECA INTRUSIONS
- 8 Granodiorite, quartz diorite, and allied rocks
- JURASSIC (?)**
- 6 Peridotite pyroxenite dunite and serpentine. May be in part or entirely of pre-Takla age
 - 7 Olivine gabbro
- JURASSIC**
- TAKLA GROUP (3,4,5)
- 5A Greywacke, pebble-conglomerate, shale, and argillite; minor limestone and coal
 - 5B Probably includes undifferentiated volcanic rocks (4)
- 4 Andesitic, basaltic, and dacitic tuffs, agglomerates, and lavas; in part interbedded with 5
- TRIASSIC AND (?) JURASSIC**
- UPPER TRIASSIC AND (?) LATER
- 3A Andesitic and basaltic tuffs, agglomerates, lavas, and minor tuffaceous argillite; meta-andesite, meta-basalt, greenstone, and hornblende schist and gneiss
 - 3B Limestone, tuff, and argillite. May include some undifferentiated older rocks
- PENNSYLVANIAN (?) AND PERMIAN**
- CACHE CREEK GROUP
- 2 Slate, argillite, phyllite, argillaceous quartzite, and ribbon chert; chlorite and amphibole schist and gneiss; minor limestone
- ASITKA GROUP
- 1 Rhyolitic lavas, andesitic lavas, tuffs, and breccias, and derived greenstones, slaty tuffs, phyllites, and schists; argillite, slate, phyllite, and chert; limestone, minor dolomite. May include some undifferentiated pre-Pennsylvanian rocks
- Heavily drift-covered area
- Bedding (horizontal, inclined, vertical)
- Schistosity, gneissosity (inclined, vertical)
- Fault or shear zone
- Anticlinal axis
- Synclinal axis
- Glacial striae
- Fossil locality
- Fossil collection (1-12, Asitka group; 13-33, Jurassic, Takla rocks; 34-39, Upper Cretaceous, Sustut rocks; 40-42, Paleocene, Sustut rocks)
- Mineral occurrence
- Mineral property

MINERAL SYMBOLS

Beryllium	Be
Chromium	Cr
Coal	C
Copper	Cu
Gold, placer	Au(P)
Gold, lode	Au
Lead	Pb
Mercury	Hg
Molybdenum	Mo
Platinum	Pt
Silver	Ag
Vanadium	Va
Zinc	Zn

- MINERAL PROPERTIES**
1. King George group (pyrite)
 2. Quyzhuk group (gold)
 3. Solo group (gold)
 4. Bruce group (gold)
 5. Ginger group (gold)
 6. Shell group (gold, copper)
 7. Motase group (copper, silver)

Geology by C.S. Lord, 1941, 1944, and 1945.

- Trail and cabin
- Passable pack-train route (position approximate)
- Church
- Lake and stream (position approximate)
- Glacier
- Contours (interval 500 feet)
- Contours (position approximate)
- Height in feet above mean sea-level

Base-map from surveys by the Topographical Survey, 1937
 Cartography by the Geological Mapping Division, 1948.

Approximate magnetic declination, 27° to 31° East.

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