

- LEGEND
- QUATERNARY
PLEISTOCENE AND RECENT
23 Fluvialite gravel; sand, silt; glacial outwash, till, alpine moraine and colluvium
24 Hot-spring deposit tuffs, aragonite
27 Olivine basalt, related pyroclastic rocks and loose tephra; younger than some of 29
- TERTIARY AND QUATERNARY
UPPER TERTIARY AND PLEISTOCENE
26 Rhyolite and dacite flows, lava domes, pyroclastic rocks and related sub-volcanic intrusions; minor basalt.
25 Basalt, olivine basalt, dacite related pyroclastic rocks and sub-volcanic intrusions; minor rhyolite; in part younger than some 26.
- CRETACEOUS AND TERTIARY
UPPER CRETACEOUS AND LOWER TERTIARY
24 SLOO GROUP
Light green, purple and white rhyolite, trachyte and dacite flows pyroclastic rocks and derived sediments
22 Biotite leucogranite, subvolcanic stocks, dykes and sills
21 Porphyritic biotite andesite, lava domes, flows and (?) sills
20 SUSTUT GROUP
Chert-peggle conglomerate, granite-boulder conglomerate, quartzose, sandstone, arkose, siltstone, carbonaceous shale and minor coal.
19 Felsite, quartz-feldspar porphyry, pyritiferous felsite, orbicular rhyolite; in part equivalent to 22.
18 Medium-to coarse-grained, pink biotite-hornblende quartz monzonite
- JURASSIC AND/OR CRETACEOUS
POST-UPPER TRIASSIC PRE-TERTIARY
18 Hornblende
17 Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite
- JURASSIC MIDDLE (?) AND UPPER JURASSIC
BOWSER GROUP
16 Chert-peggle conglomerate, grit greywacke, subgreywacke, siltstone and shale; may include some 11.
15 MIDDLE JURASSIC
Basalt, pillow lava, tuff-breccia, derived volcaniclastic rocks and related subvolcanic intrusions
14 LOWER AND MIDDLE JURASSIC
Shale, minor siltstone, silty and calcareous siltstone, greywacke and ironstone
13 LOWER JURASSIC
Conglomerate, polymictic conglomerate; granite-boulder conglomerate, grit, greywacke, siltstone; basaltic and andesitic volcanic rocks, peperites, pillow-breccia and derived volcaniclastic rocks
- TRIASSIC AND JURASSIC
POST-UPPER TRIASSIC PRE-LOWER JURASSIC
12 Gneiss, orthoclase porphyry, monzonite, pyroxenite
11 HICKMAN BATHOLITH
Hornblende granodiorite, minor hornblende-quartz diorite 11. Hornblende, quartz diorite, hornblende-pyroxene diorite, amphibolite and pyroxene-bearing amphibolite.
- TRIASSIC
UPPER TRIASSIC
9 Undifferentiated volcanic and sedimentary rocks; units 5 to 8 inclusive
8 Andesite-andesite flows, pyroclastic rocks, derived volcaniclastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polymictic conglomerate
7 Siltstone, thin-bedded silty siltstone, ribbon chert, calcareous and dolomitic siltstone, greywacke, volcanic conglomerate, and minor limestone.
6 Limestone, fetid argillaceous limestone, calcareous shale and reefoid limestone may be in part younger than some 7 and 8
5 Greywacke, siltstone, shale; minor conglomerate, tuff and volcanic sandstone
4 MIDDLE TRIASSIC
Shale, concretionary black shale; minor calcareous shale and siltstone
- PERMIAN
MIDDLE AND UPPER PERMIAN
3 Limestone, thick-bedded mainly bioclastic limestone; minor siltstone, chert and tuff
- PERMIAN AND OLDER
2 Phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone
- MISSISSIPPIAN
1 Limestone, crinoidal limestone, ferruginous limestone; maroon tuff, chert and phyllite
8 Amphibolite, amphibolite gneiss, age unknown probably pre-Upper Jurassic
4 Ultramafic rocks; peridotite, dunite, serpentinite; age unknown, probably pre-Lower Jurassic
- Geology by J.G. Souther 1956-1958, 1961, 1965-1967, 1969
- Geological boundary (defined and approximate, assumed).....
Bedding (horizontal, inclined, vertical, overturned).....
Anticline.....
Syncline.....
Fault (defined and approximate, assumed).....
Thrust fault, teeth on hanging-wall side (defined and approximate, assumed).....
Fossil locality (with GSC catalogue number).....
Mineral property.....
- INDEX TO MINERAL PROPERTIES
- | | | | |
|-----------------|------------|-------------------|----------|
| 1. Liard Copper | 6. Gordon | 11. JW | 16. Mary |
| 2. Galore Creek | 7. Limpoke | 12. Copper Canyon | |
| 3. QC, OCA | 8. Poke | 13. Ann, Su | |
| 4. Nabs | 9. MH | 14. SF | |
| 5. Bams | 10. BIK | 15. Goat | |
- OPEN FILE
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AUG 1971
GEOLOGICAL SURVEY
OTTAWA



TELEGRAPH CREEK
BRITISH COLUMBIA

Scale 1:125,000 Echelle