

- 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**
- SLOKO GROUP**
- 24 Light green, purple and white rhyolite, trachyte and dacite flows pyroclastic rocks and derived sediments
 - 23 22. Biotite leucogranite, subvolcanic stocks, dykes and sills 23. Porphyritic biotite andesite, lava domes, flows and (?) sills
- SUSTUT GROUP**
- 21 Chert-pebble conglomerate, granite-boulder conglomerate, quartzose sandstone, arkose, siltstone, carbonaceous shale and minor coal.
 - 20 Felsite, quartz-feldspar porphyry, pyritiferous felsite, orbicular rhyolite; in part equivalent to 22.
 - 19 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 gneiss
- JURASSIC MIDDLE (?) AND UPPER JURASSIC**
- HORNBY GROUP**
- 16 Chert-pebble conglomerate, grit greywacke, subgreywacke, siltstone and shale; may include some 11.
- MIDDLE JURASSIC**
- 15 Basalt, pillow lava, tuff-breccia, derived volcanic clastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polystratified conglomerate
- LOWER AND MIDDLE JURASSIC**
- 14 Shale, minor siltstone, siliceous and calcareous siltstone, greywacke and ironstone
- LOWER JURASSIC**
- 13 Conglomerate, polymictic conglomerate; granite-boulder conglomerate, grit, greywacke, siltstone, basaltic and andesitic volcanic rocks, peperites, pillow-breccia and derived volcanoclastic rocks
- TRIASSIC AND JURASSIC**
- POST-UPPER TRIASSIC PRE-LOWER JURASSIC**
- 12 Syenite, orthoclase porphyry, monzonite, pyroxenite
- HICKMAN BATHOLITH**
- 10 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 volcanic clastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polystratified conglomerate
 - 7 Siltstone, thin-bedded siliceous 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
- MIDDLE TRIASSIC**
- 4 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
 - 7 Ultramafic rocks; peridotite, dunite, serpentinite; age unknown; probably pre-Lower Jurassic

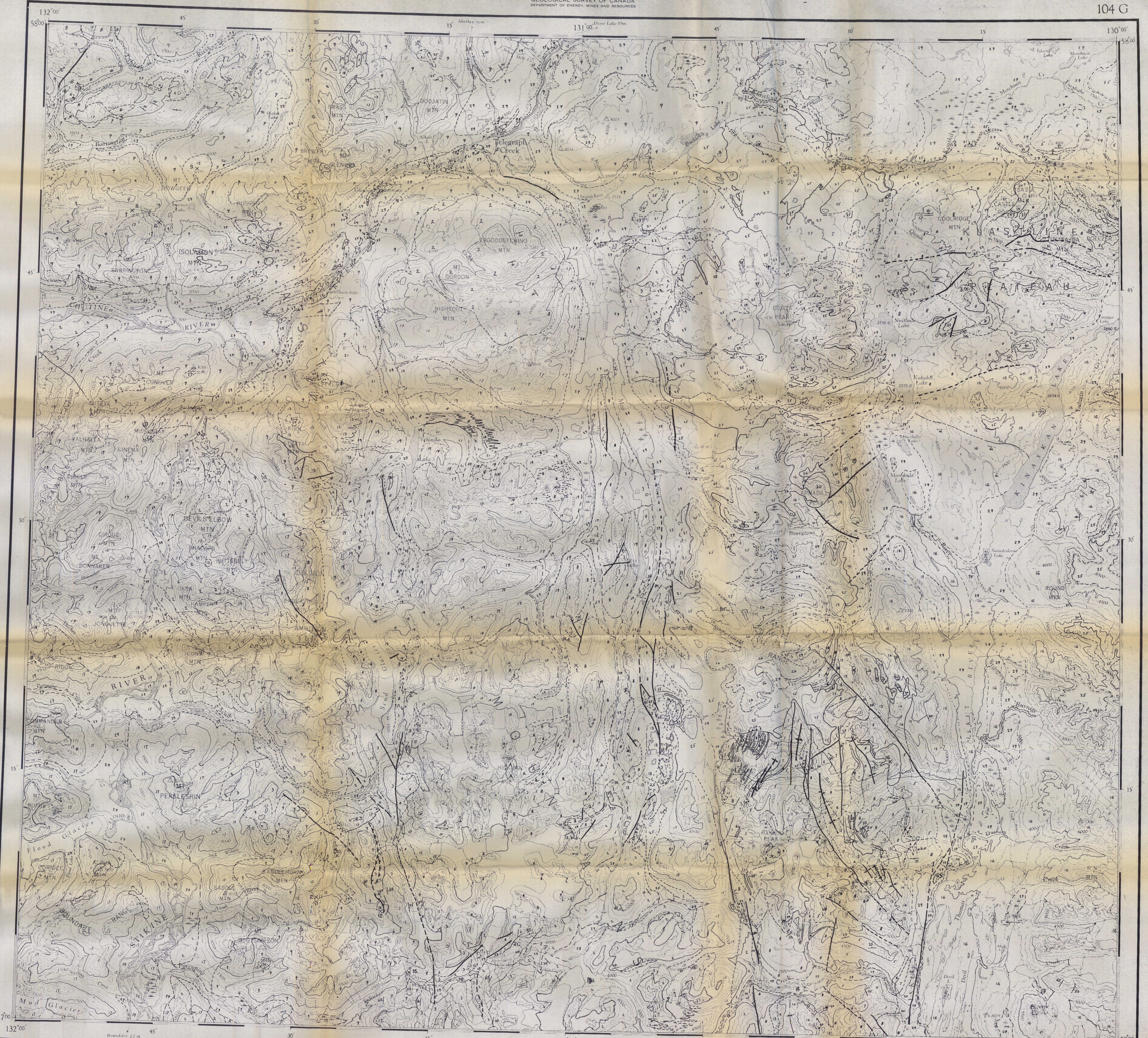
Geology by J.C. Soutter 1956-1958, 1961, 1965-1967, 1969

- 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).....
- Possil locality (with osc catalogue number).....
- Mineral property..... X 12.

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GEOLOGICAL SURVEY
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104K	104J	104I
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TELEGRAPH CREEK
BRITISH COLUMBIA

Scale 1:125,000 (sheet)

