

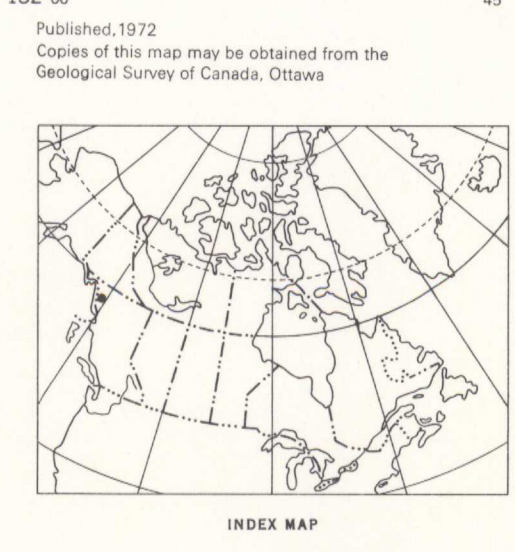
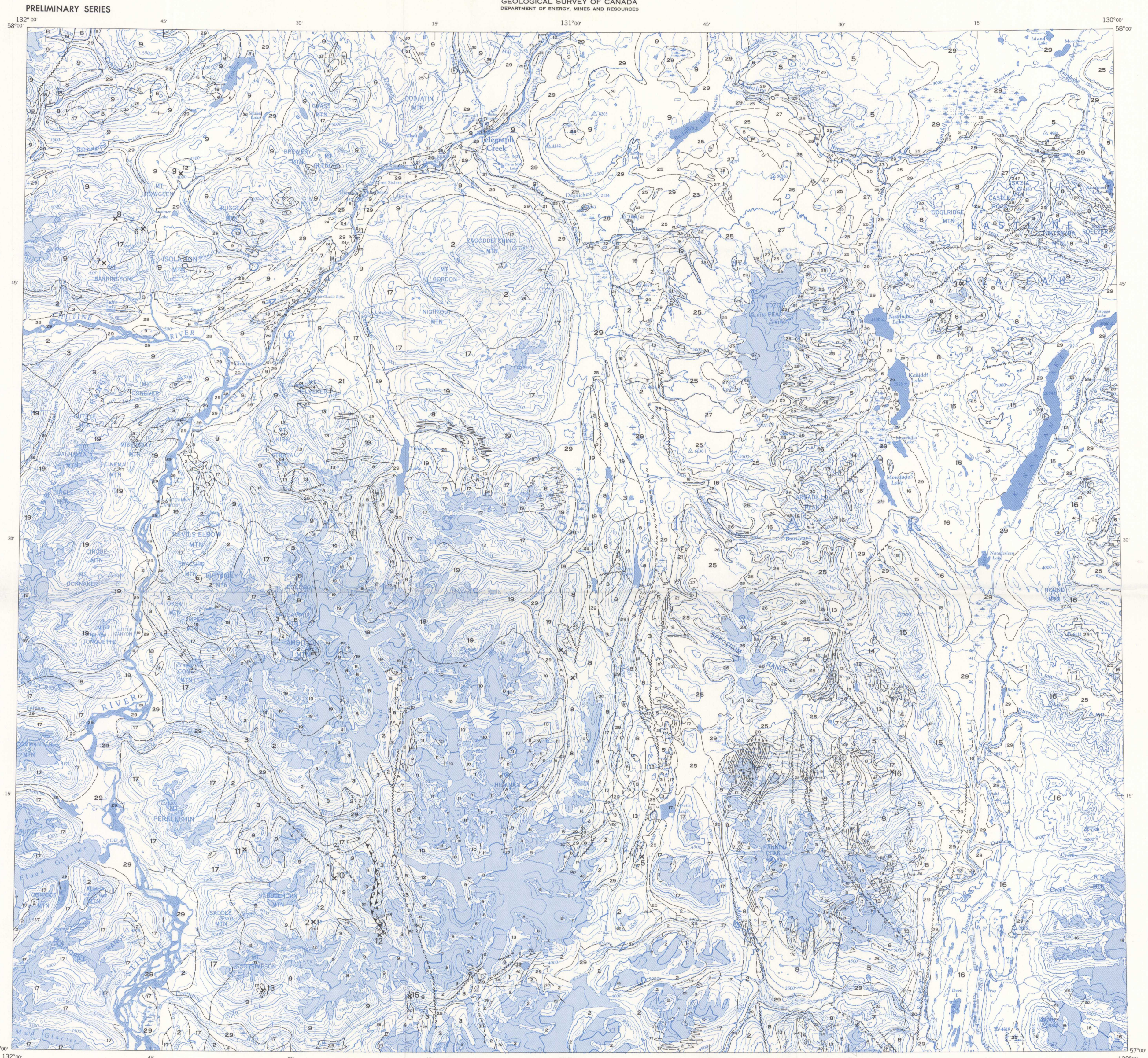
LEGEND

- QUATERNARY**
PLEISTOCENE AND RECENT
 29 Fluvialite gravel, sand, silt; glacial outwash, till, alpine moraine and colluvium
 28 Hot-spring deposit, tufa, 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 subvolcanic 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
 22, 23 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 diorite
 17 Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite
- JURASSIC**
MIDDLE (?) AND UPPER JURASSIC
BOWSER GROUP
 16 Chert-pebble conglomerate, grit, greywacke, subgreywacke, siltstone and shale; may include some 13
MIDDLE JURASSIC
 15 Basalt, pillow lava, tuff-breccia, derived volcanoclastic rocks and related subvolcanic intrusions
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, 11 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 Augite-andesite flows, pyroclastic rocks, derived volcanoclastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polymictic 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**
 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
 B Amphibolite, amphibolite gneiss; age unknown probably pre-Upper Jurassic
 Ultramafic rocks; peridotite, dunite, serpentinite; age unknown, probably pre-Lower Jurassic
 A

- Geological boundary (defined and approximate, assumed) *— / — / —*
 Bedding (horizontal, inclined, vertical, overturned) *+ / - / x*
 Anticline *~ ~ ~*
 Syncline *~ ~ ~*
 Fault (defined and approximate, assumed) *— / — / —*
 Thrust fault, teeth on hanging-wall side (defined and approximate, assumed), *— / — / —*
 Fossil locality *⊕*
 Mineral property *.15 x*
 Glacier *— / — / —*

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2. Galore Creek	6. Gordon	10. BIK	14. SF
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4. Nabs	8. Poke	12. Copper Canyon	16. Mary



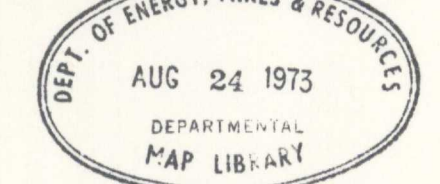
Geology by J.G. Souther 1956-58, 1961, 1965-67, 1969
 To accompany G.S.C. Paper 71-44 by J.G. Souther
 This preliminary edition may be subject to revision and correction
 Geological cartography by the Geological Survey of Canada
 Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

ESIC CIST MAP 11-1971 PAPER 71-44
 OCT 8 1996 GEOLOGY TELEGRAPH CREEK BRITISH COLUMBIA
 Scale 1:250,000
 Miles 4 0 4 8 12
 Kilometres 6 0 6 12 18
 Universal Transverse Mercator Projection
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Base-map at the same scale published by the Army Survey Establishment, R. C. E. in 1950-54
 Copies of the topographical edition of this map may be obtained from the Canada Map Office, 615 Booth Street, Ottawa, Ontario K1A 0E9
 Geographical names subject to revision
 Elevations in feet above mean sea-level
 Magnetic declination 1972 varies from 29°00' easterly at centre of west edge to 29°23' easterly at centre of east edge; annual change -3.4'

104 K	104 J	104 I
6-1969	21-1962	29-1962
104 F	104 G	104 H
7-1959	11-1971	
104 C	104 B	104 A



MAP 11-1971 TELEGRAPH CREEK BRITISH COLUMBIA