

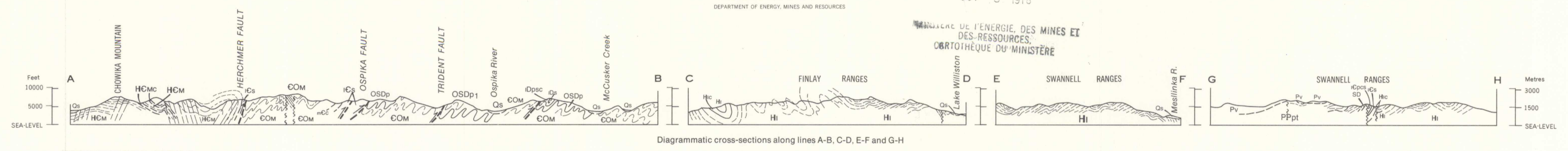


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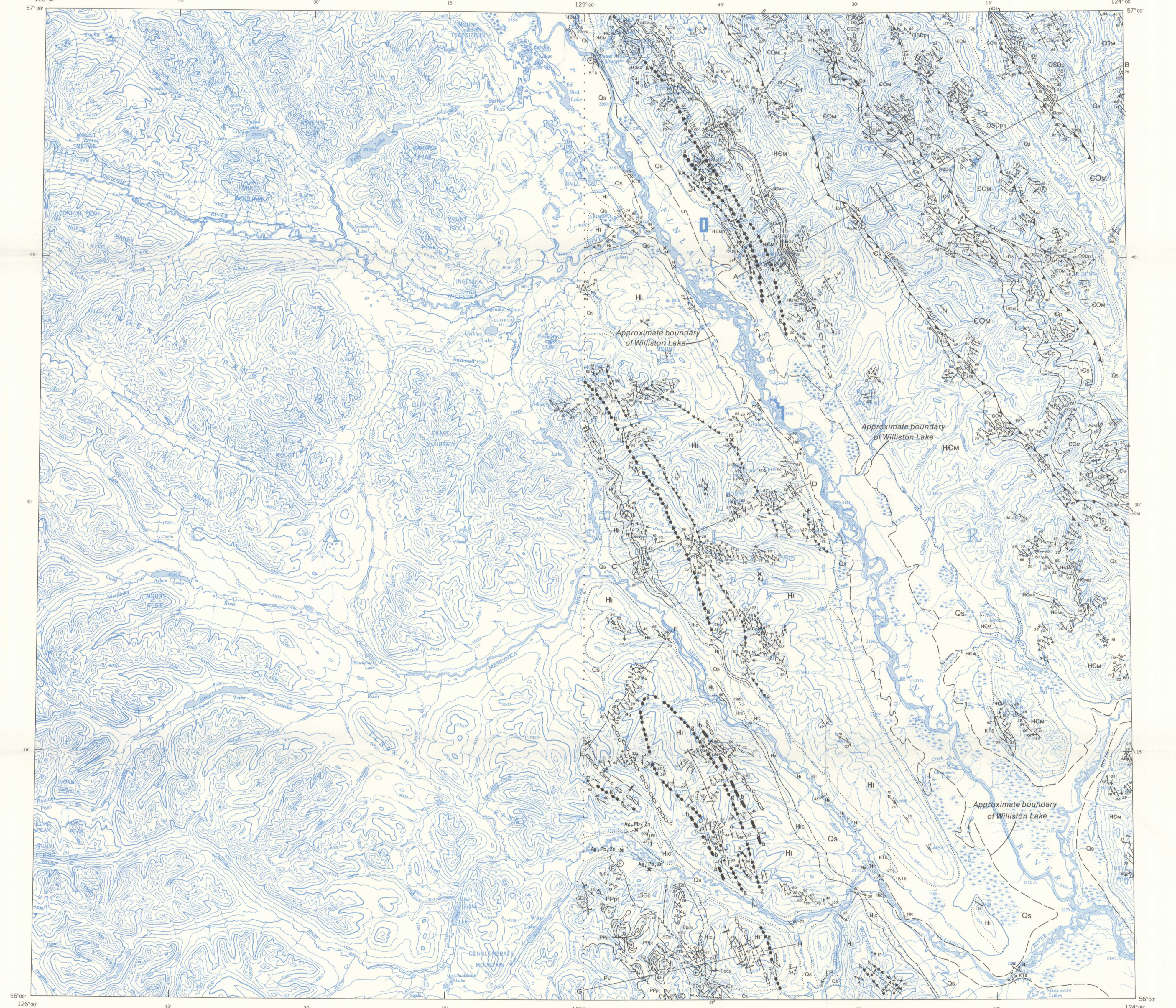
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PRELIMINARY SERIES



- LEGEND**
- QUATERNARY**
PLEISTOCENE AND RECENT
[Qs] Unconsolidated glacial, fluvio-glacial and alluvial deposits
- MESOZOIC**
CRETACEOUS(?) AND TERTIARY
UPPER CRETACEOUS(?) TO EOCENE(?)
[KTS] SIFTON FORMATION: conglomerate, sandstone, shale, coal
- PERMIAN(?)**
[Pv] Basalt, agglomerate, tuff, diabasic sills
- PERMIAN(?) PENNSYLVANIAN AND(?) OLDER**
LOWER PERMIAN(?) PENNSYLVANIAN AND(?) OLDER
[PPpt] Argillite, slate, chert; minor limestone and conglomerate
- DEVONIAN**
MIDDLE DEVONIAN
[Do] DUNEDIN FORMATION: limestone, dark grey, argillaceous
- LOWER DEVONIAN AND (?) OLDER**
[IDpsc] Shale, black graptolitic, locally cherty; crinoidal limestone; Os, quartzite
- SILURIAN AND DEVONIAN**
[SDc] Dolomite, dark grey, locally cherty
- ORDOVICIAN, SILURIAN AND DEVONIAN**
[OSDp1] Siltstone, tan, platy and shale; nodular, platy limestone; argillaceous limestone; minor dolomite and quartzite breccia; OSDp1, mainly Ordovician?; OSDv, mafic silt?
- ORDOVICIAN**
MIDDLE(?) ORDOVICIAN
[mOc] Dolomite, dark grey, locally cherty
- CAMBRIAN AND ORDOVICIAN**
UPPER CAMBRIAN AND LOWER ORDOVICIAN
[COM] MOUNT APRIL FORMATION: limestone, wavy banded, silty, nodular; argillaceous limestone; calcareous shale
- CAMBRIAN**
MIDDLE CAMBRIAN
[mCc] Upper part: dolomite, cream to orange, crystalline; Lower part: sandstone and sandy dolomite; orange weathering
- LOWER CAMBRIAN**
[ICs] Sandstone, quartzitic; shale, siltstone; minor pebble conglomerate and limestone
[ICp] Shale, grey to green; siltstone
[ICpcs] Quartzite, phyllite, limestone, shale
- PROTEROZOIC AND CAMBRIAN**
UPPER PROTEROZOIC AND LOWER CAMBRIAN
MISCHINGKA GROUP
[HCM] Slate, phyllitic; chloritic phyllite and schist; garnet-mica schist; calcareous sericite schist; schistose siltstone, grit and pebble conglomerate; HCMc, limestone, amphibolite; HCMn, granitic gneiss; HCMd, diamicite
- HADRYNITIAN**
INGENIKA GROUP
[HI] Schist, quartz-chlorite, chloritic-phyllite; Hic, crystalline limestone, sericite schist; quartzite, conglomerate, slate, feldspathic quartzite; quartz-mica-feldspar gneiss; migmatite, pegmatite, marble, skarn, amphibolite

- Geological boundary (defined, approximate or assumed) x
- Outcrop, limit of outcrop x
- Isograd (kyanite, k; garnet, g; biotite, b; chlorite, c; staurolite, s) x
- Bedding (inclined, overturned, tops unknown) x
- Foliation (inclined, vertical) x
- Lineation (with plunge) x
- Fault (defined, approximate or assumed, solid circle indicates downthrow side) x
- Thrust fault (defined, approximate; teeth in direction of dip) x
- Anticline (defined, approximate, overturned) x
- Syncline (defined, approximate, overturned) x
- Fossil locality x
- Measured section x
- Mineral occurrence or prospect Pb x

- MINERALS**
- Mica m Zinc Zn
Lead Pb Copper Cu
Silver Ag Gold Au

Geology by H. Gabrielse, 1970, 1973

To accompany Paper 75-33 by H. Gabrielse

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

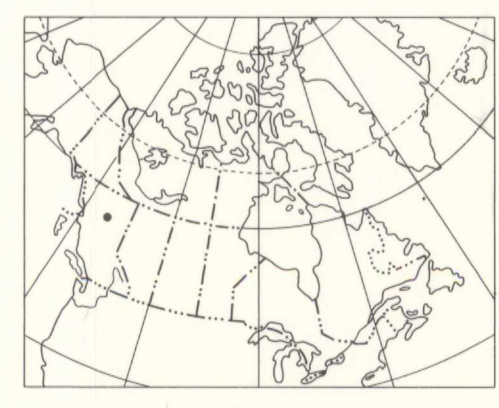
Base-map at the same scale published by the Surveys and Mapping Branch in 1954-55

Copies of the topographical edition of this map may be obtained from the Canada Map Distribution Office, Department of Energy, Mines and Resources, Ottawa

Mean magnetic declination, 1975 varies from 28°20.7' easterly at centre of east edge to 28°26.4' easterly at centre of west edge.
Mean annual change -4.3'

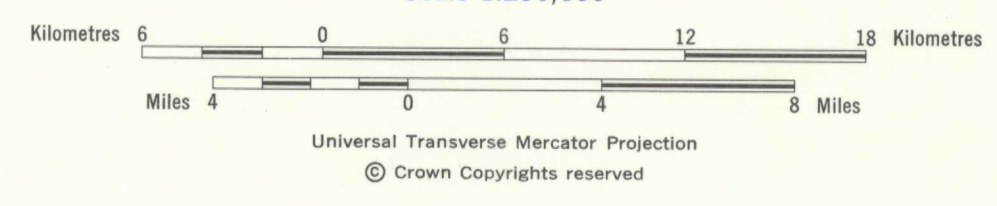
Elevations in feet above mean sea-level

Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8 3303 - 33rd Street N.W., Calgary, Alberta T2L 2A7

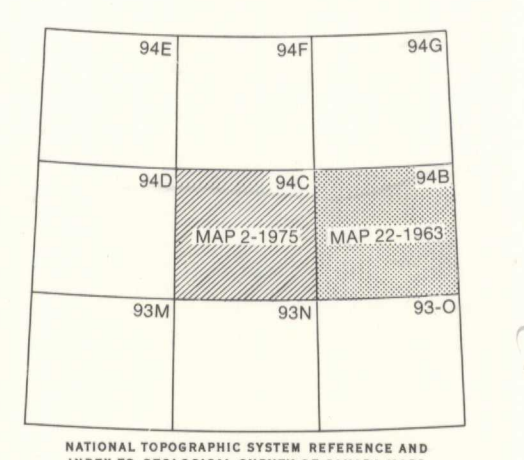


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MAP 2-1975
PAPER 75-33
GEOLOGY
FORT GRAHAME
East Half
BRITISH COLUMBIA
Scale 1:250,000



Universal Transverse Mercator Projection
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MAP 2-1975
FORT GRAHAME
East Half
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