



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

LEGEND

- QUATERNARY
PLEISTOCENE AND RECENT
Qs Unconsolidated glacial, fluvioglacial and alluvial deposits
- 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
PPpl Argillite, slate, chert; minor limestone and conglomerate

- DEVONIAN
MIDDLE DEVONIAN
Dd DUNEDIN FORMATION: limestone, dark grey, argillaceous

- LOWER DEVONIAN AND (?) OLDER
IDpsc Shale, black graptolitic, locally cherty; crinoidal limestone; *IDs*, 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 sill?

- 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
MISINCHINKA GROUP
HCM Slate, phyllitic; chloritic phyllite and schist; garnet-mica schist; calcareous sericite schist; schistose siltstone, grit and pebble conglomerate; *HCM*, limestone, amphibolite; *HCMn*, granitic gneiss; *HCMd*, diamicite

- HADRYNITAN
INGENKA GROUP
Hi Schist, quartz-chlorite, chloritic-phyllite; *Hi*, crystalline limestone; sericite schist; quartzite, conglomerate, slate, feldspathic quartzite; quartz-mica-feldspar gneiss; migmatite, pegmatite, marble, skarn, amphibolite

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

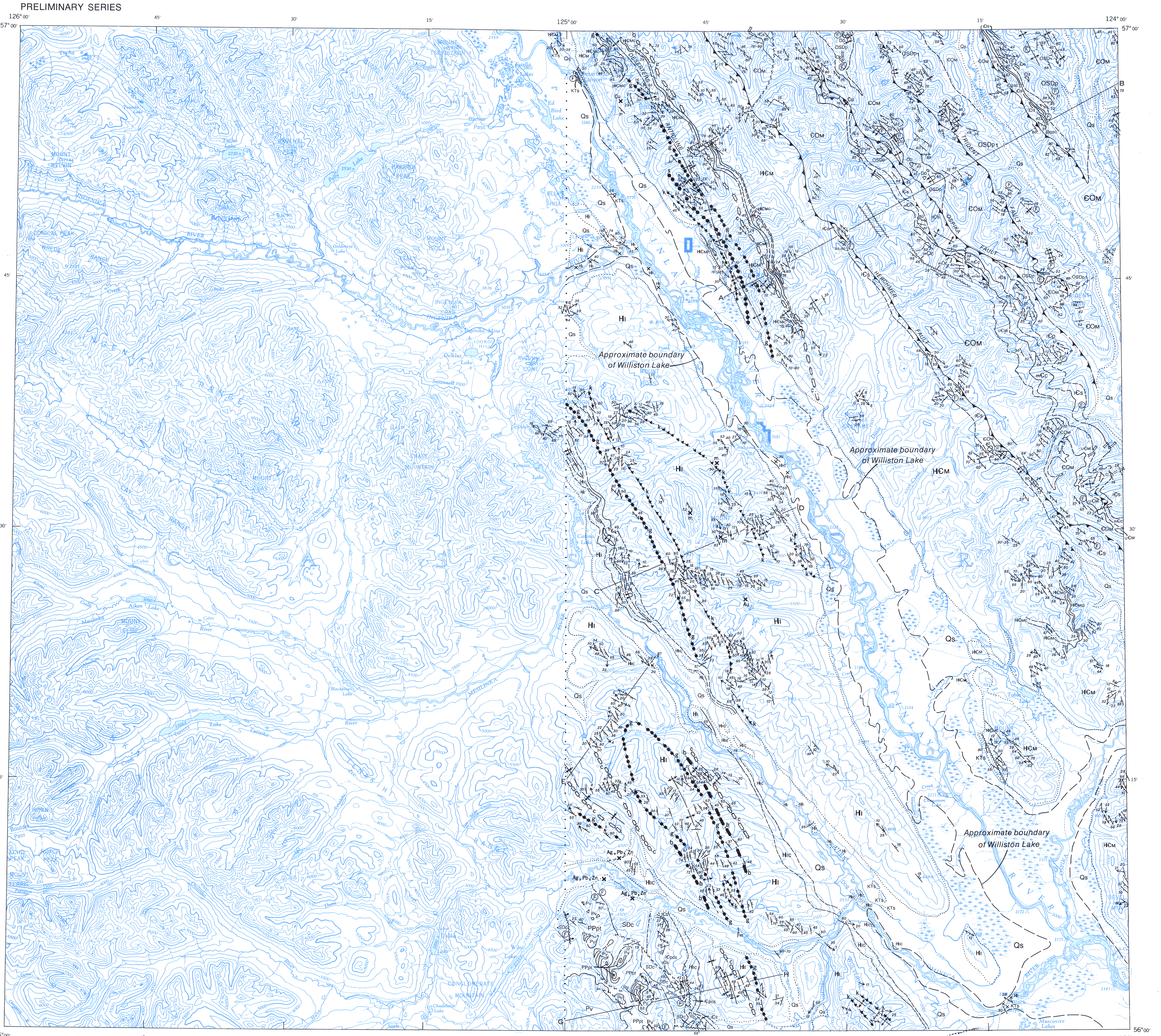
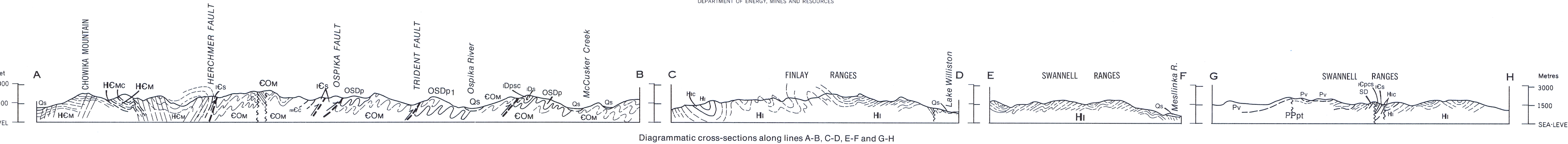
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Base-map at the same scale published by the Surveys and Mapping Branch in 1954-55

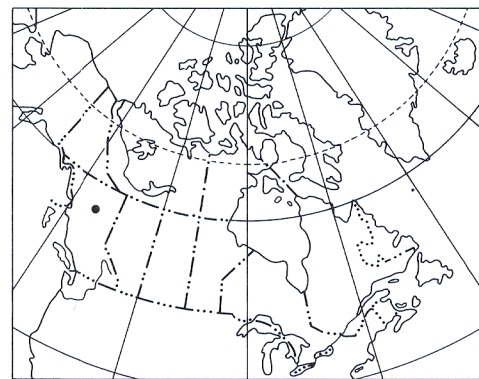
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Mean magnetic declination 1975 varies from 28°20.7' easterly at centre of east edge to 28°26.4' easterly at centre of west edge. Mean annual change -4.3'

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 3305 - 33rd Street N. W., Calgary, Alberta T2L 2A7



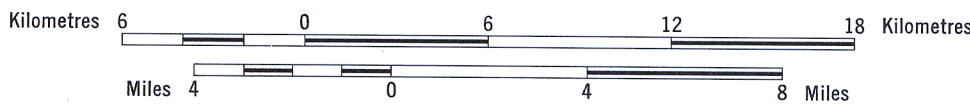
INDEX MAP

MAP 2-1975
PAPER 75-33
GEOLOGY

FORT GRAHAME

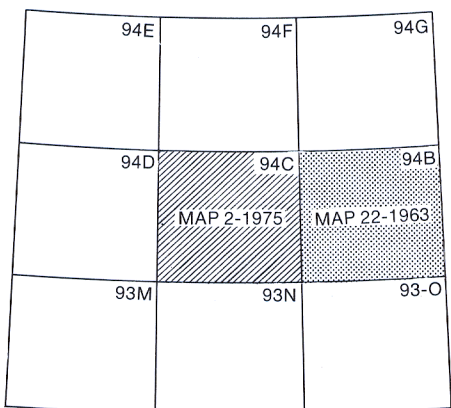
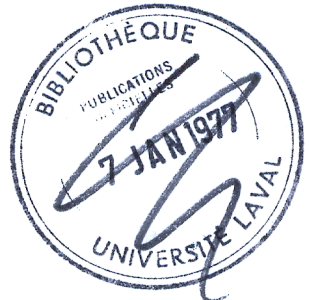
East Half
BRITISH COLUMBIA

Scale 1:250,000



Universal Transverse Mercator Projection
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NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS

MAP 2-1975

FORT GRAHAME

East Half

BRITISH COLUMBIA

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