

Note: Glacial deposits and features within NTS 93H are unmapped

Sources of information:

- Geological Survey of Canada
- 1938: Geology of Willow River Sheet
Map 335 A, West Half
Map 336 A, East Half
- Tipper, H.W.
- 1971: Glacial Geomorphology and Pleistocene History
of Central British Columbia;
Geological Survey of Canada,
Bulletin 196, 89p. (esp. Map 1288A, scale 1:250 000)
- Tipper, H.W., Campbell, R.B., Taylor, G.C. and Stott, D.F.
- 1979: Parsnip River,
British Columbia;
Geological Survey of Canada,
Map 1424A, scale 1:1 000 000

Provincial Open File
BC RGS-12-1984 (936 E/2, 93H W/2)

LEGEND
(This legend to be used west of 122°00' only)

Note: This legend is common for Regional Geochemical
72-1984 Open File 1107

- CEANOZOIC**
- QUATERNARY**
- PLEISTOCENE AND RECENT
[17] TILL, GLACIAL SAND, SILT, ALLUVIUM
- TERTIARY**
- MIOCENE AND PLEIOCENE
[16] BELT 42 OLIVINE BASALT FLOWS, BRECCIA, AND TUFF
[15] SNDS 42 SANDSTONE, SHALE, CONGLOMERATE, DIATOMITE, LIGNITE
- OLIGOCENE AND MIOCENE
[14] JANDS 42 ANDAG GROUP, ANDERITE, BASALT, DACITE
- PALEOZOIC, EOCENE, OLILOCENE**
[13] COLUM 42 CONGLOMERATE, SANDSTONE, SHALE, TUFF, BRECCIA
- MESOZOIC - CENOZOIC**
- UPPER CRETACEOUS AND LOWER TERTIARY**
[12] (HYLT 41) DOTS LAKE GROUP: RHYOLITE, DACITE, TRACHYTE, SANDSTONE, SHALE, CONGLOMERATE
- CRETACEOUS**
- [11] JANDS 38 ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
[10] LOWER CRETACEOUS
[9] COLUM 38 SKEENA GROUP: CONGLOMERATE, GREYWACKE, SHALE, COAL, VOLCANIC BRECCIA
- JURASSIC**
- [8] MIDDLE JURASSIC
[7] JANDS 38 HAZZTON GROUP (PART) UNDIVIDED: BASALT, ANDERITE, TUFF, BRECCIA, GREYWACKE, MUDSTONE, CONGLOMERATE
[6] LOWER AND MIDDLE JURASSIC
[5] SHALE 20 SHALE, GREYWACKE, CONGLOMERATE
[4] UPPER TRIASSIC AND LOWER JURASSIC
[3] JANDS 33 TALEX GROUP: ANDERITE, BASALT, TUFF, BRECCIA, CONGLOMERATE, GREYWACKE, SHALE, LIMESTONE
- TRIASSIC**
- [2] UPPER TRIASSIC
[1] LIGN 20 LIGNITE
[0] PLT 20 BLACK PHYLITE, SILTSTONE, LIMESTONE, QUARTZITE
- PALEOZOIC AND PERMIAN**
[0] COLUM 20 CACHO CREEK GROUP: RIBBON CHERT, BLACK ARGILLITE, LIMESTONE, CHERT
- MISSISSIPPIAN AND/OR YOUNGER**
[0] BELT 21 SLIDE MOUNTAIN GROUP: BASALT, BRECCIA, TUFF, CHERT, ARGILLITE, SANDSTONE, LIMESTONE, CONGLOMERATE
- CAMBRIAN**
- [0] LOWER CAMBRIAN
[0] LIGN 12 MURAL FORMATION: LIMESTONE (INCLUDES MAHO FORMATION SILTSTONE, SANDSTONE)
- PROTEROZOIC**
- HADRYAN**
[0] SNDS 01 KAZA GROUP: SANDSTONE, CONGLOMERATE, GRIT, PHYLITE, SCHIST, AMPHIBOLITE, MARBLE, GNEISS
- PLUTONIC ROCKS**
- TERTIARY**
[0] IGOR 01 GRANODIORITE, QUARTZ DIORITE, QUARTZ MONZONITE
[0] LOWER CRETACEOUS
[0] IGOR 30 NAVER INTRUSIONS: QUARTZ MONZONITE, SYENITE, MONZONITE, GRANODIORITE, DIORITE
- UPPER TRIASSIC**
[0] IGOR 21 TAKOMANE BATHOLITH AND BODIES OF SIMILAR AGE AND LITHOLOGY: GRANODIORITE, QUARTZ DIORITE, QUARTZ MONZONITE
- PERMIAN AND/OR TRIASSIC**
[0] ISRN 21 TREMBLEUR INTRUSIONS AND SIMILAR BODIES: PERIODITE, DUNITE, PYROXENITE, SERPENTINE

- SYMBOLS**
- GEOLOGICAL BOUNDARY: MAPPED, ASSUMED
FAULT: MAPPED, ASSUMED
THRUST FAULT (TEETH ON HANGINGWALL): MAPPED, ASSUMED
ANTICLINAL AXIS
SYNCLINAL AXIS
STREAM SAMPLE SITE
- GEOLGY AND MINERAL DEPOSITS**
- Generated geology after Geological Survey of Canada Map 88-1980, Prince George, British Columbia, 1:500 000 scale, by H. W. Tipper, 1988 and Geological Survey of Canada Map 88-1980, Prince George, British Columbia, 1:500 000 scale, by H. W. Tipper, R. B. Campbell, G. C. Taylor, and D. F. Stott, 1979, used to determine dominant catchment basin rock type for grouping of geochemical data.
- The four letter mnemonic name indicates rock type and the two digit number indicates age.
- For location of the following specific information for this area refer to British Columbia Ministry of Energy, Mines and Petroleum Resources: Mineral Deposits, refer to Mineral Inventory Map (MIM) 93H (MSE/RIE); Assessment Reports, refer to Assessment Report Series Map (ARS) 93H (MSE/RIE); Bedrock Geology Mapping Reports, refer to Index to Bedrock Geology Mapping, 1982; Mineral and Pleistocene Maps, contact Ministry of Energy, Mines and Petroleum Resources, Tish Branch, for current editions.

Geological Survey of Canada
Resource Geophysics and Geochemistry Division
Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

CONTRACTORS

Sample collection by McInnes Surveying and Engineering Ltd., Vancouver
Sample preparation by Golder Associates, Ottawa

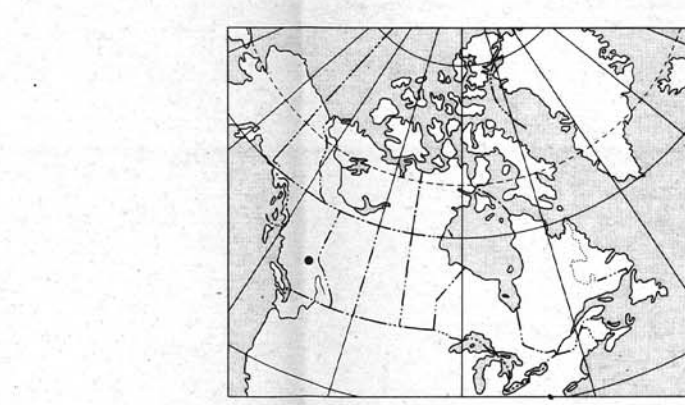
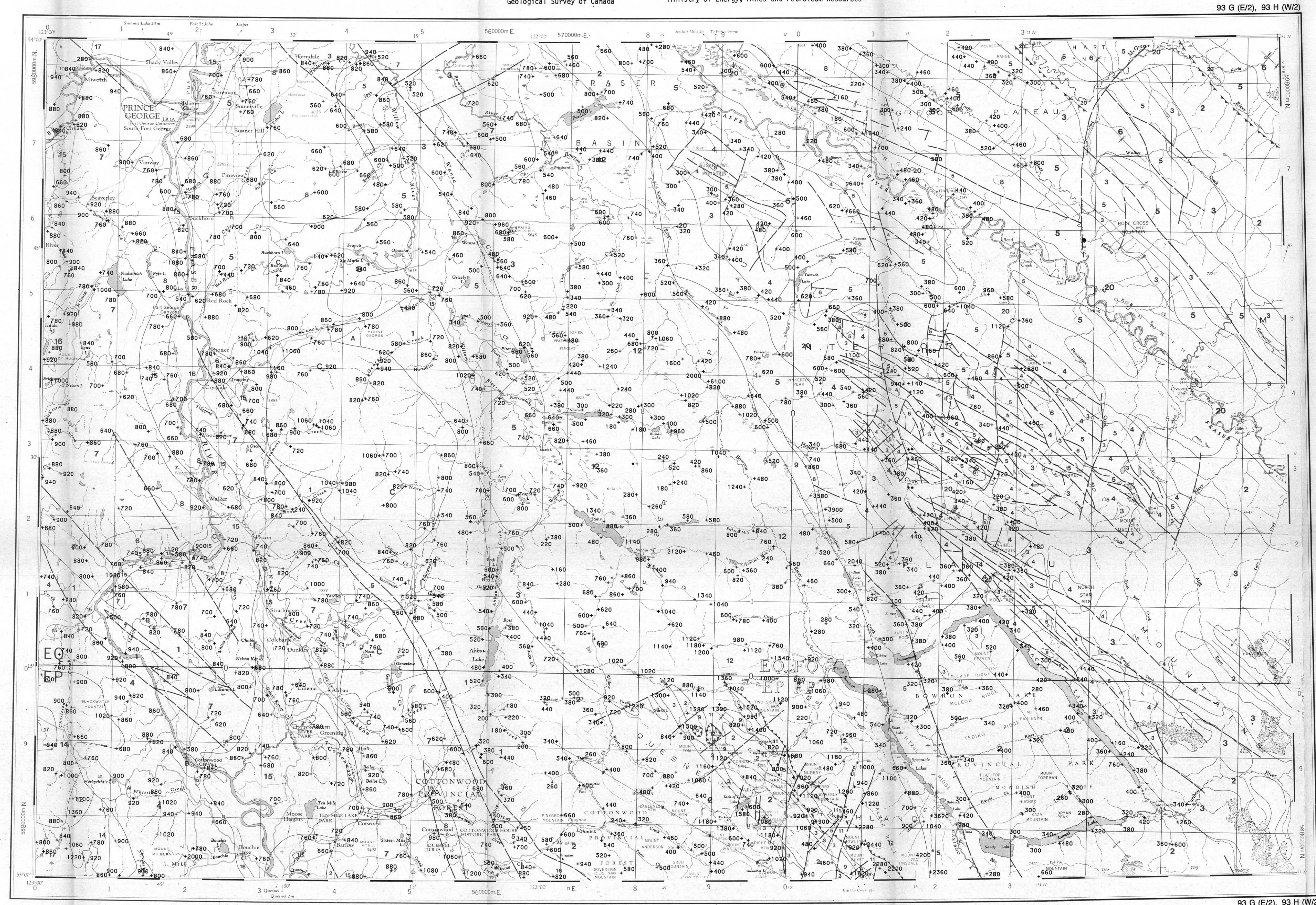
Sediment chemical analysis by Barringer Magenta Ltd., Rexdale, Ontario
Water chemical analyses by Barringer Magenta Laboratories (Alberta) Ltd., Calgary

Copies of map material and listings of field observations and analytical data, from which the material was prepared, may be available at users expense by application to:

K.G. Campbell Corporation
880 Wellington St.
Bay 238
Ottawa, Ontario
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The data are also available in digital form.
For further information please contact:

The Director
Computer Science Centre
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Ottawa, Ontario
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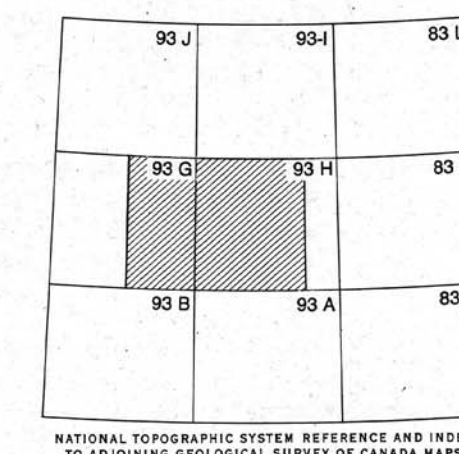
Elevation in feet above mean sea level

Mean magnetic declination 1985, 27°03' West,
decreasing 9.9' annually. Readings vary
from 20°04' in the SW corner to 28°21' in
the NE corner of the map area

BARIUM (ppm)
GSC OPEN FILE 1107
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 72-1984
JOINT CANADA/BRITISH COLUMBIA PROGRAM
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
EAST-CENTRAL BRITISH COLUMBIA

Scale 1:250 000

Base map assembled by the Geological Cartography
Unit from maps published at the same scale by
the Surveys and Mapping Branch in 1969, 1970



This map forms one of a series of maps released by the
Geological Survey of Canada, Open File 1107. The Open
File consists of maps of various geochemical variables:
18 for stream sediment, 3 for stream water and 1 sample
site location

BARIUM (ppm)
GSC OPEN FILE 1107
EAST-CENTRAL BRITISH COLUMBIA