

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

Sources of information:
Geological Survey of Canada

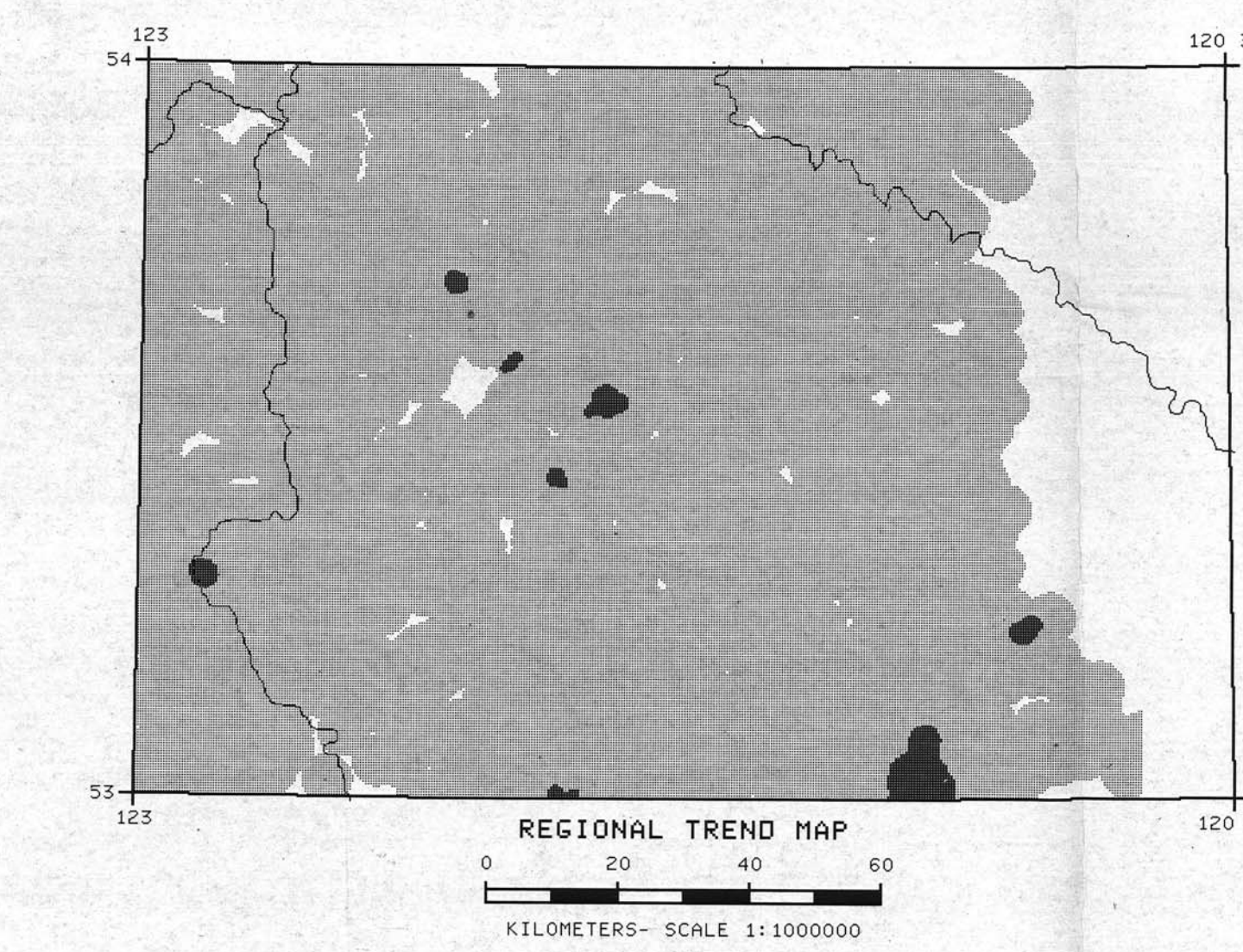
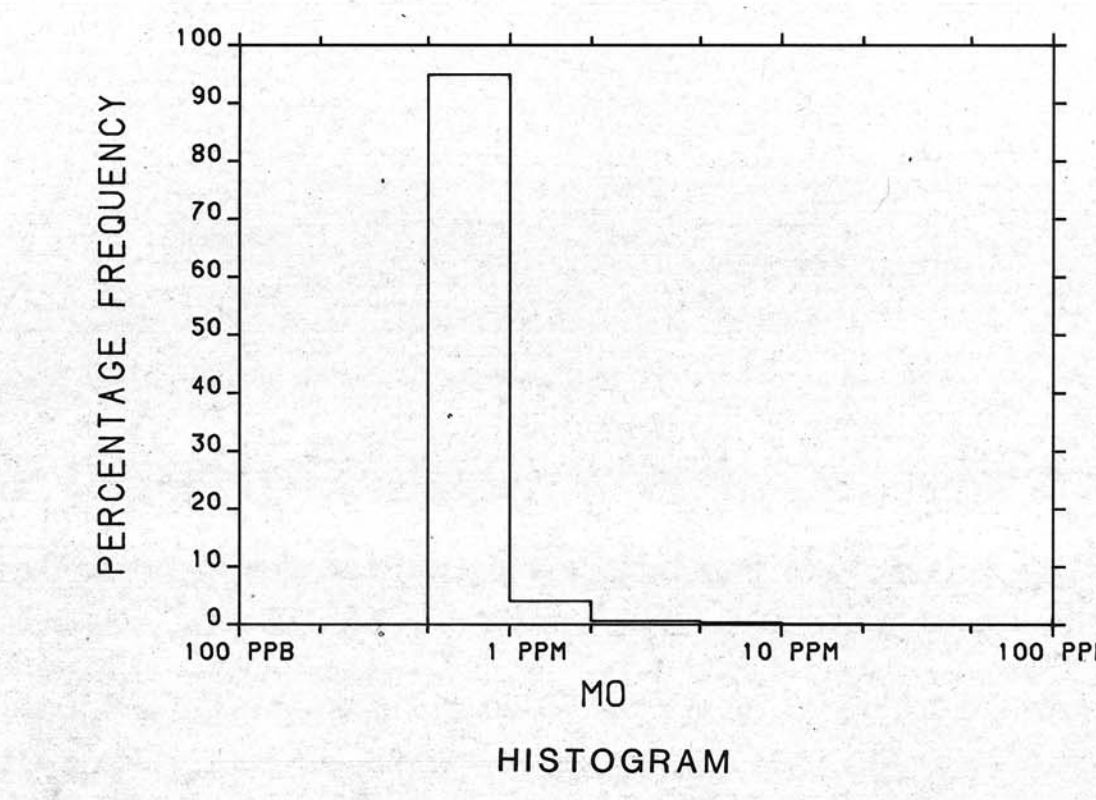
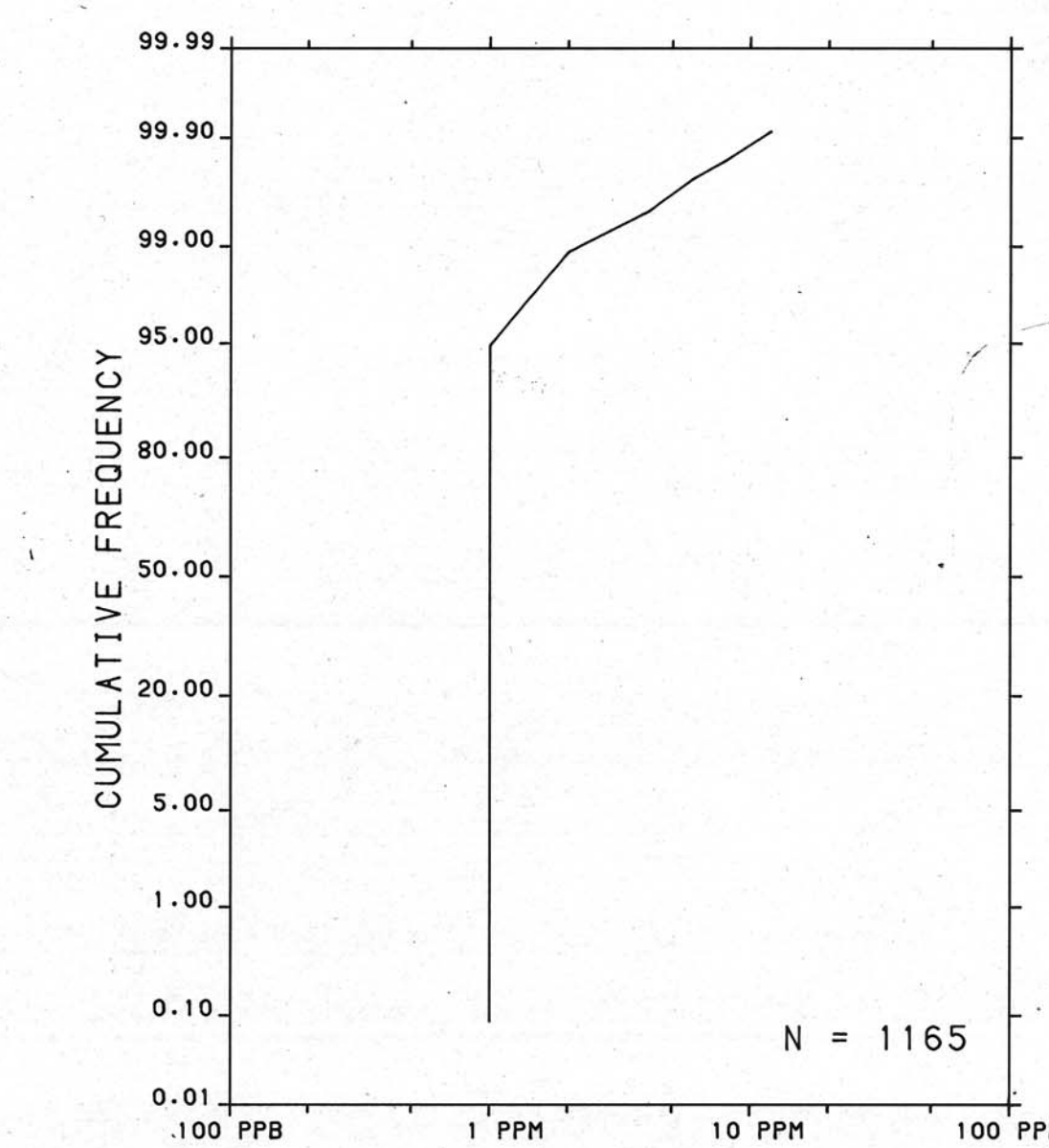
1938: Geology of Willow River Sheet
Map 335 A, West Half
Map 336 A, East Half

Tipper, H.W.

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. Fairship 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

CENOZOIC
QUATERNARY
[1] **PLEISTOCENE AND RECENT**
TILL, MTL, GRAVEL, SAND, SILT, ALLUVIUM

TERTIARY
MIOCENE AND OLIGOCENE
[1] BELT 42 OLIVINE BASALT, FLOWS, BRECCIA, AND TUFF
[2] UNOS 42 SANDSTONE, SHALE, CONGLOMERATE, DIATOMITE, LIGHTS
OLIGOCENE AND MIOCENE
[1] UNOS 42 *ENDAKO GROUP*: ANDESITE, BASALT, DACITE
PALEOCENE, EOCENE, OLIODESIT
[1] *COLUM 42 CONGLOMERATE*: SANDSTONE, SHALE, TUFF, BRECCIA

MESOZOIC—CENOZOIC
UPPER CRETACEOUS AND LOWER TERTIARY
[1] UNY 41 *41-1* *LEICA GROUP*: PHYLLITE, CLAY, TRACHYTE, SANDSTONE, SHALE, CONGLOMERATE

CRETACEOUS
[1] UNOS 36 *ANDESITE*, TUFF, BRECCIA, ANGLITE, ARKOSE, CONGLOMERATE
LOWER CRETACEOUS
[1] UNOS 36 *SEJENKA GROUP*: CONGLOMERATE, GREYWACKE, SHALE, COAL, VOLCANIC BRECCIA

JURASSIC
[1] UNOS 36 *SEJENKA GROUP* (PART) UNDIVIDED: BASALT, ANDESITE, TUFF, CLAY, BRECCIA, GREYWACKE, MUDSTONE, CONGLOMERATE

LOWER AND MIDDLE JURASSIC
[1] UNOS 36 *SHALE*, GREYWACKE, CONGLOMERATE

UPPER TRIASSIC AND LOWER JURASSIC
[1] UNOS 23 *TAXLA GROUP*: ANDESITE, BASALT, TUFF, BRECCIA, CONGLOMERATE, GREYWACKE, SHALE, LIMESTONE

TRIASSIC
UPPER TRIASSIC
[1] UNOS 20 *LIMESTONE*
[2] UNOS 20 *CLAY*
[3] UNOS 20 *BLACK PHYLLITE, SILTSTONE, LIMESTONE, QUARTZITE*

PALEOZOIC
PENNSYLVANIAN AND PERMIAN
[1] UNOS 20 *CLAY* *CHERRY GROUP*: RIBBON CHERT, BASAL ANGLITE, LIMESTONE, GREENSTONE

MESSEPMIAN AND YOUNGER
[1] BELT 21 *ELITE MOUNTAIN GROUP*: BASALT, BRECCIA, TUFF, CHERT, ANGLITE, SANDSTONE, LIMESTONE, CONGLOMERATE

CAMBRIAN
LOWER CAMBRIAN
[1] UNOS 12 *MURAL FORMATION*: LIMESTONE (INCLUDES *MAWY FORMATION*)

ADRYANIN
[] DRDS 01 KAZA GROUP, SANDSTONE, CONGLOMERATE, GRIT, PHYLLITE, SCHIST, AMPHIBOLITE, MARBLE, DRISSE

PLUTONIC ROCKS

TERTIARY
[] DRGR 42) GRANOORTITE, QUARTZ DIORITE, QUARTZ MONZONITE

LOWER CRETACEOUS
[] GRIMZ 36) NAVER INTRUSIONS: QUARTZ MONZONITE, SYENITE, MONZONITE, GRANOORTITE, DIORITE

UPPER TRIASSIC
[] DRGR 32) TAKOMKANE BATOLITHS AND BODIES OF SIMILAR AGE AND LITHOLOGY: GRANOORTITE, QUARTZ DIORITE, QUARTZ MONZONITE

PERMIAN AND/OR TRIASSIC
[] DRGR 31) TREMLERUR 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

GEOLOGY AND MINERAL DEPOSITS

Generalized geology after Geological Survey of Canada Map 49—1960, Prince George, British Columbia, 1 inch to 4 miles. H. W. Tipper, 1959 and Geological Survey of Canada Map 1424A, Parnip River, British Columbia, 1:1 000 000, compilation 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.

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 (MI) SQG (PRINCE GEORGE); Assessment Reports, refer to Assessment Report Index Map (AR) SQG (PRINCE GEORGE); Bedrock Geologic Mapping Reports, refer to Index to Bedrock Geological Mapping, 1983; Mineral and Placer Claim Maps, contact Ministry of Energy, Mines and Petroleum Resources, Titles 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 McElhanney Surveying and Engineering Ltd., Vancouver
Sample preparation by Golder Associates, Ottawa

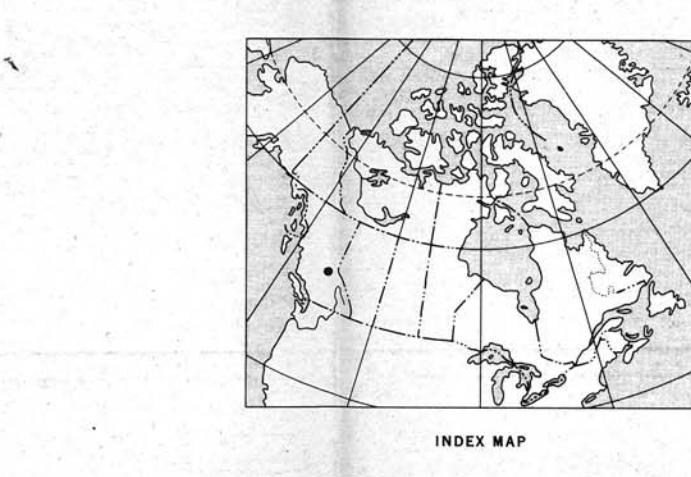
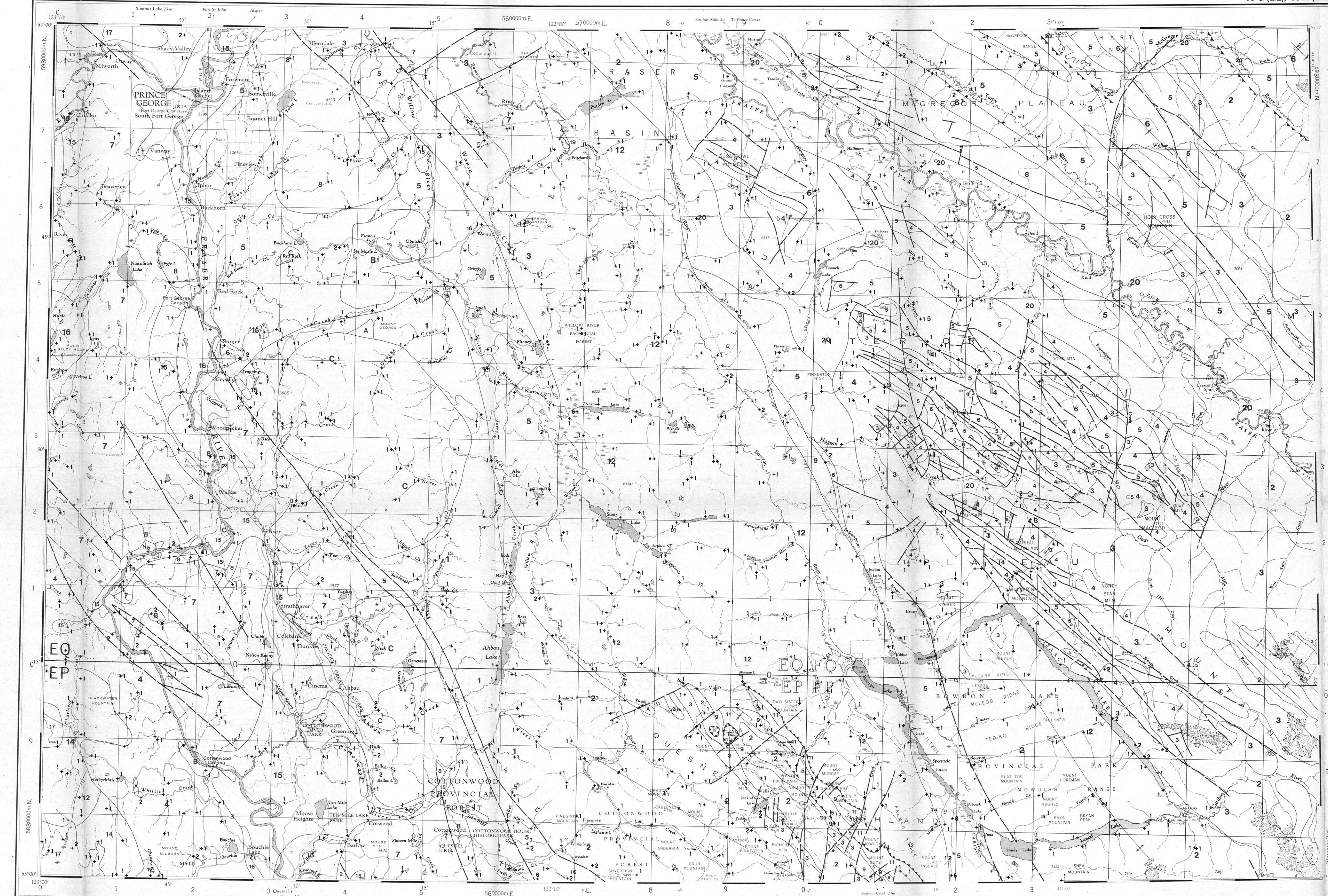
Sediment chemical analysis by Barringer Magenta Ltd.,
Rexdale, Ontario
Water chemical analyses by Barringer Magenta Laboratories
(Alberta) Ltd., Calgary

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
K1R 6K7

The data are also available in digital form.
For further information please contact:
The Director

Department of Energy, Mines and Resources
Ottawa, Ontario
K1A 0E4

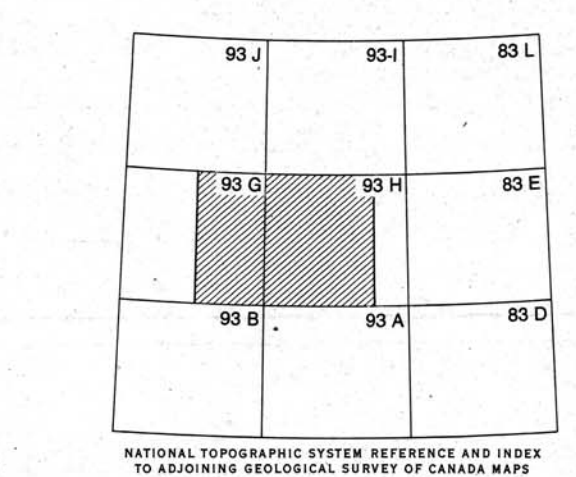


Elevation in feet above mean sea level

Mean magnetic declination 1985, $27^{\circ}34'$ West,
decreasing 9.9' annually. Readings vary
from $26^{\circ}41'$ in the SW corner to $28^{\circ}27'$ in
the NE corner of the map area

MOLYBDENUM (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

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



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

LEGEND

(This legend to be used east of 122°00' only.)

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

[illegible]

SYMBOLS

GEOLOGICAL BOUNDARY: MAPPED, ASSUMED	-----	-----
FAULT (DOT ON DOWNTHROWN SIDE): MAPPED, ASSUMED	-----	-----
THRUST FAULT (TEETH ON HANGINGWALL): MAPPED, ASSUMED	-----	-----
ANTICLINAL AXIS	-----	-----
SYNCLINAL AXIS	-----	-----
STREAM SAMPLE SITE	-----	-----

GEOLOGY AND MINERAL DEPOSITS

Generalized geology after Geological Survey of Canada, Map 1356A to accompany Paper 72-35, *Geology of McMurdo Pass Area*, British Columbia, by R. B. Campbell, E. L. Mountjoy, and F. G. Young; Geological Survey of Canada Map 1244A, *Geology of the Bulkley River Area*, British Columbia, by R. B. Campbell, R. B. Campbell, G. C. Taylor, and D. F. Scott; 1979; Figure 2, *Geology of the Bulkley River Area*, accompanying British Columbia Ministry of Energy, Mines and Petroleum Resources Bulletin 47, *Geology of the Bulkley River Area*, by A. Sutherland Brown, 1963; and Geological Survey of Canada Data File 781, *Geological Geology of Barkerville-Cariboo Area*, by L. C. Struck, 1981, used to determine dominant fault-basin rock type for grouping of geochemical data.

The four-bit mneronic name indicates rock type and the two-digit number indicates age.

For a full list 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 (McBRIDE); Assessment Reports, refer to Assessment Report Index Map (AR) 93H (McBRIDE); Bedrock Geological Mapping Reports, refer to Index to Bedrock Geological Mapping, 1983; Mineral and Placer Claim Maps, contact Ministry of Energy, Mines and Petroleum Resources, Titles Branch, for current editions.

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

This map has been reprinted from a scanned version of the original map
Reproduction par numérisation d'une carte sur papier

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