

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 1289A, scale 1:250 000)

Tipper, H.W., Campbell, R.B., Taylor, G.C. and Stott, D.F.

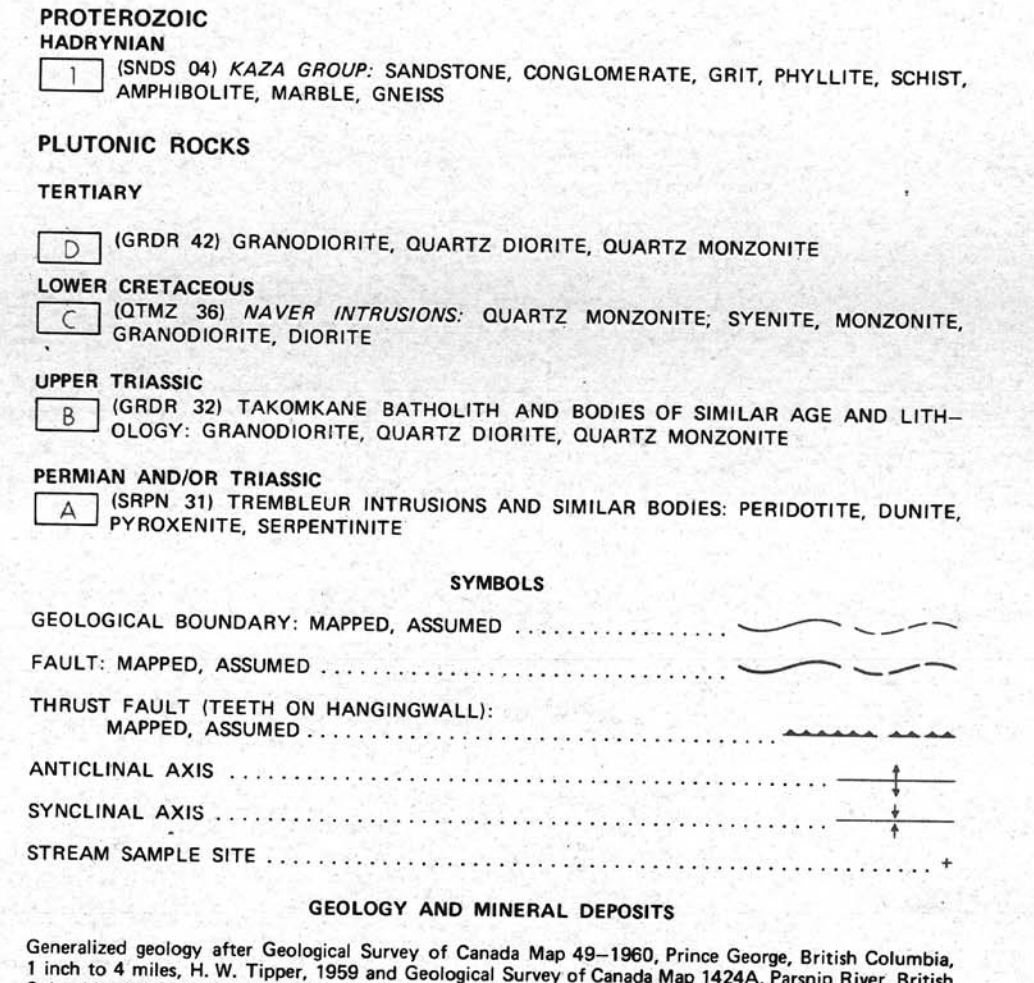
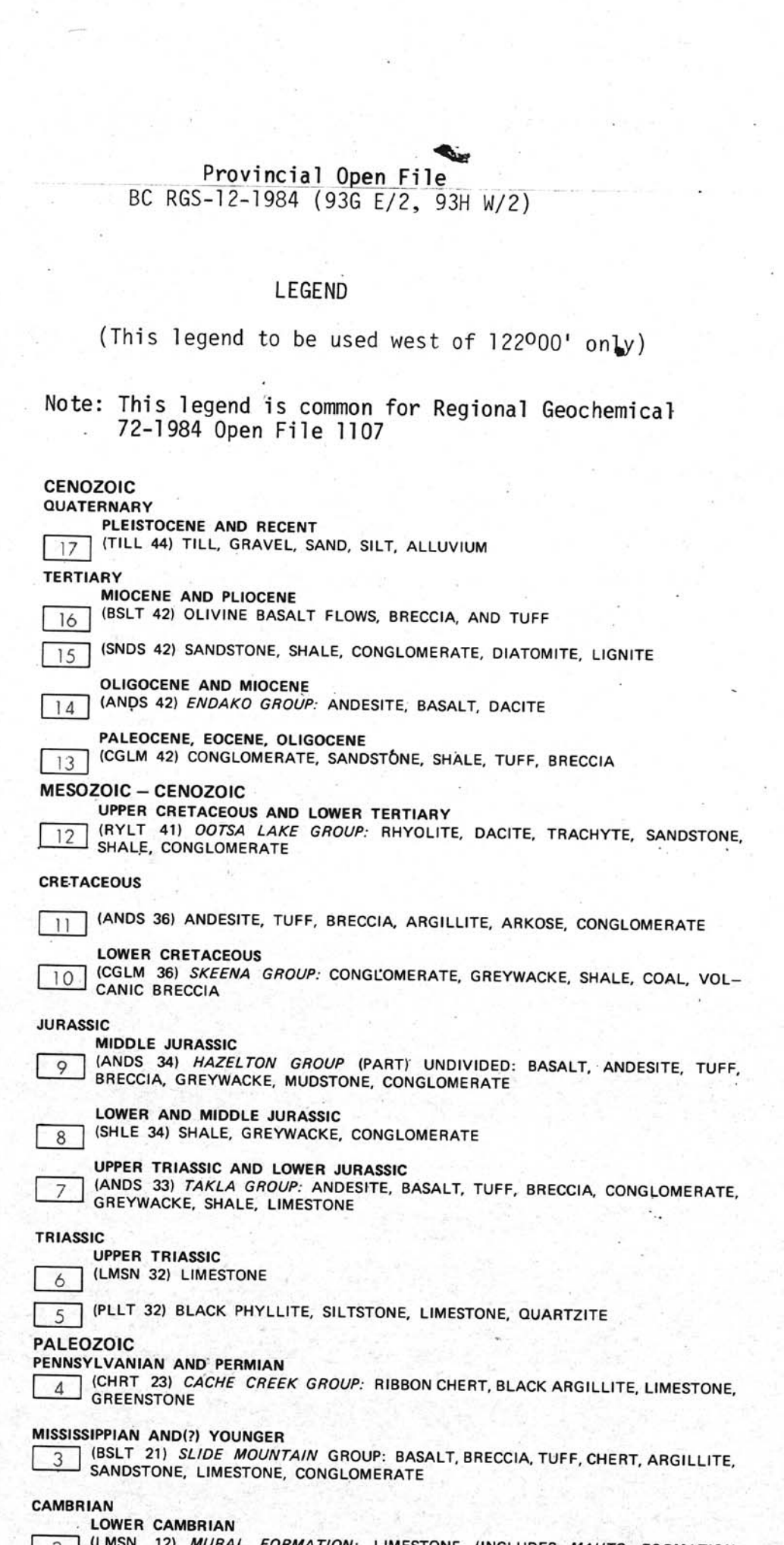
1979: Parsnip River,
British Columbia;
Geological Survey of Canada,
Map 1424A, scale 1:1 000 000

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



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

LEGEND

(This legend to be used west of 122°00' on W)

GENEOZOIC

QUATERNARY

PLEISTOCENE AND RECENT

1 TILL 40 TILL, GRAVEL, SAND, SILT, ALLUVIUM

TERTIARY

16 MIOCENE AND PLEISTOCENE

16L1 TILL 40 OLIVINE BASALT FLOWS, BRECCIA, AND TUFF

15 OLILOCENE AND MIOCENE

15L1 TILL 40 SANDSTONE, SHALE, CONGLOMERATE, DIATOMITE, LIGNITE

14 OLILOCENE AND MIOCENE

14L1 TILL 40 ENDAGI GROUP, ANDESITE, BASALT, DACITE

13 PALEOCENE, EOCENE, OLILOCENE

13L1 TILL 40 CONGLOMERATE, SANDSTONE, SHALE, TUFF, BRECCIA

MESOZOIC - CENOZOIC

12 UPPER CRETACEOUS AND LOWER TERTIARY

12L1 TILL 40 CRETACEOUS GROUP, RHYOLITE, DACITE, TRACHYTE, SANDSTONE, SHALE, CONGLOMERATE

CRETACEOUS

11 L1 ANDS 36 ANDSITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE

10 LOWER CRETACEOUS

10L1 TILL 40 CRETACEOUS GROUP, CONGLOMERATE, GREYWACK, SHALE, COAL, VOLCANIC BRECCIA

JURASSIC

9 MIDDLE JURASSIC

9L1 TILL 40 KAZA GROUP (PARTI UNDIVIDED): BASALT, ANDESITE, TUFF, BRECCIA, GREYWACK, MUDSTONE, CONGLOMERATE

8 LOWER AND MIDDLE JURASSIC

8L1 TILL 40 SHALE, GREYWACK, CONGLOMERATE

7 UPPER TRIASSIC AND LOWER JURASSIC

7L1 TILL 40 TALLA GROUP, ANDSITE, BASALT, TUFF, BRECCIA, CONGLOMERATE, GREYWACK, SHALE, LIMESTONE

TRIASIC

6 UPPER TRIASSIC

6L1 TILL 40 BLACK PHYLITE, SILTSTONE, LIMESTONE, QUARTZITE

5 LOWER TRIASSIC

5L1 TILL 40 BLACK PHYLITE, SILTSTONE, LIMESTONE, QUARTZITE

PALEOZOIC

4 PENNYLIVIAN AND PERMIAN

4L1 TILL 40 CRETACEOUS GROUP, RIBBON CHERT, BLACK ARGILLITE, LIMESTONE, SANDSTONE, LIMESTONE, CONGLOMERATE

3 MISSISSIPPIAN AND YOUNGER

3L1 TILL 40 CRETACEOUS GROUP, BASALT, BRECCIA, TUFF, CHERT, ARGILLITE, SANDSTONE, LIMESTONE, CONGLOMERATE

CAMBRIAN

2 LOWER CAMBRIAN

2L1 TILL 40 MURRAY FORMATION: LIMESTONE (INCLUDES MAINTO FORMATION)

1 PROTEROZOIC

1L1 TILL 40 KAZA GROUP, SANDSTONE, CONGLOMERATE, GRIT, PHYLITE, SCHIST, AMPHIBOLITE, MARBLE, GNEISS

PLUTONIC ROCKS

10 IGOR 42 GRANODIORITE, QUARTZ DIORITE, QUARTZ MONZONITE

9 LOWER CRETACEOUS

9L1 TILL 40 KAZA GROUP, QUARTZ MONZONITE, SYENITE, MONZONITE, GRANODIORITE, DIORITE

UPPER TRIASSIC

8 L1 ANDS 36 TAKOMKANE BATHOLITH AND BODIES OF SIMILAR AGE AND LITHOLOGY: GRANODIORITE, QUARTZ DIORITE, QUARTZ MONZONITE

PERMIAN AND/OR TRIASSIC

7 L1 ANDS 36 THIMBLEUR INTRUSIONS AND SIMILAR BODIES: PERIODITE, DUNITE, PYROXENITE, SERPENTINE

SYMBOLS

GEOLOGICAL BOUNDARY: MAPPED, ASSUMED

FAULT: MAPPED, ASSUMED

THURST FAULT (FRESH ON HANDINGWALL): MAPPED, ASSUMED

ANTICLINAL AXIS

SYNCLINAL AXIS

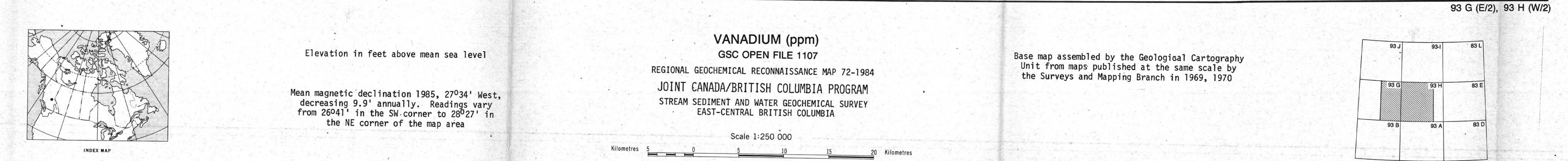
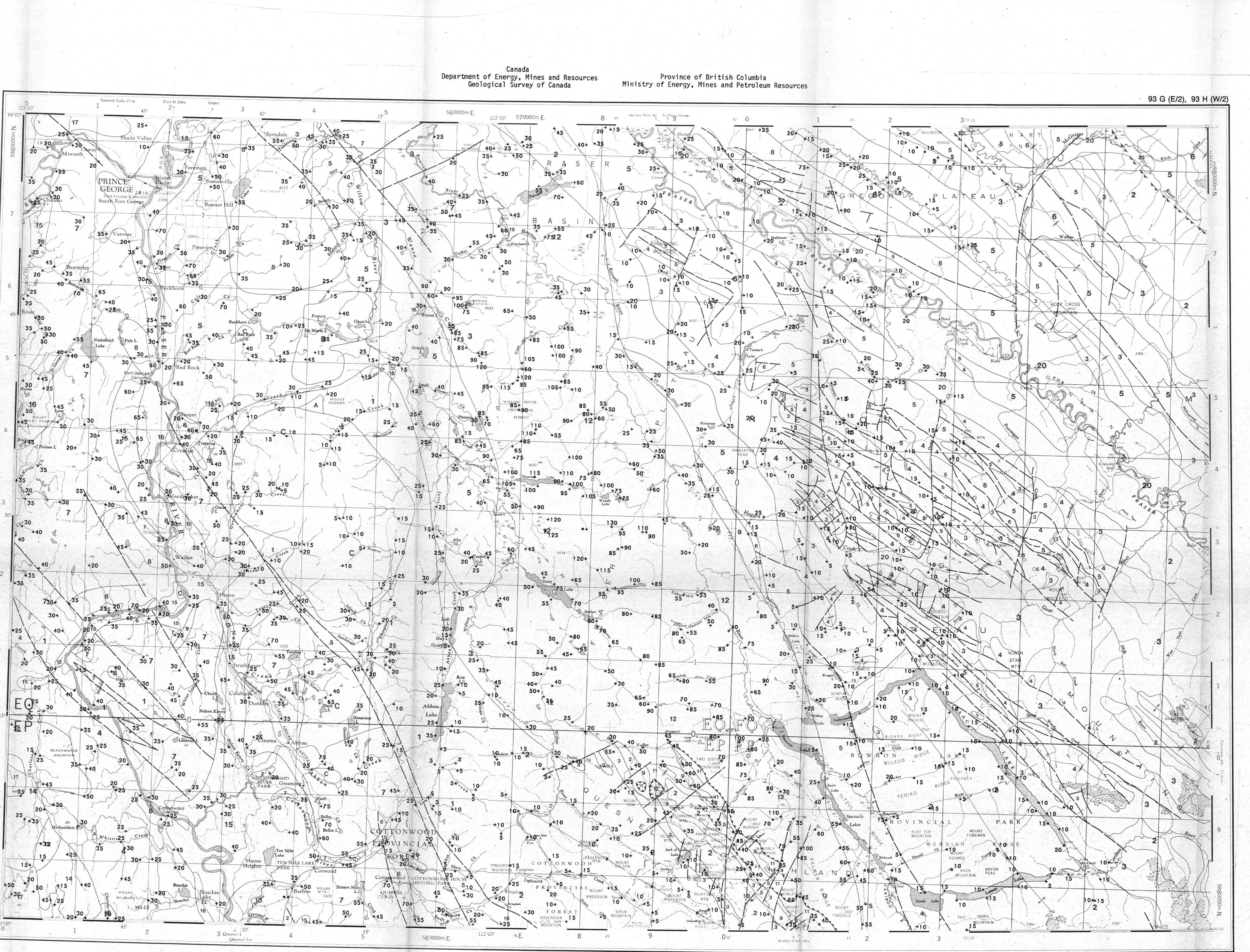
STREAM SAMPLE SITE

GEOLGY AND MINERAL DEPOSITS

Generalized geology after Geological Survey of Canada Map 49-1962, Prince George, British Columbia, 1:500 000 scale. 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) 505 (PRINCE GEORGE); Assessment Reports, refer to Assessment Report Index Map (AIR) 505 (PRINCE GEORGE); Bedrock Geology, Mapping Reports, refer to Index to Bedrock Geological Mapping, 1982; Mineral and Water Chemical Analyses, refer to Index to Bedrock Geological Mapping, 1982; Mineral and Water Chemical 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 McIlhenny Surveying and Engineering Ltd., Vancouver
Sample preparation by Golder Associates, Ottawa
Sediment chemical analysis by Barringer Magenta Ltd., Rexdale, Ontario
Water chemical analysis by Barringer Magenta Laboratories (Alberta) Ltd., Calgary



Vanadium (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

Universal Transverse Mercator Projection
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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

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