

SURFICIAL GEOLOGY
Scale 1:1 000 000

- BRITISH COLUMBIA SURFICIAL DEPOSITS**
- PROGLACIAL DEPOSITS**
- LACUSTRINE DEPOSITS: Varved silt, clay, and sand, locally drumlinized and fluted through minor ice re-advance, fringed by beach deposits. Deposits up to 120 m thick along beach, >200 m thick along Blackwater.
 - Meltwater or outwash channel deposits bounded by cutbanks or terraces
 - UNDIVIDED GLACIOLACUSTRINE AND GLACIOLUVIAL DEPOSITS: Sand, silt and clay with local accumulations up to 70 m thick along valley bottoms
- GLACIAL DEPOSITS**
- Undivided glacial till and ground moraine. Areas of low relief include abundant drumlins, rock drumlins, fluting, and esker complexes. Bedrock exposures predominate above 1700 m elevation
- Outwash channel cutbank or terrace
Small meltwater or abandoned stream channel indicating direction of flow
Fluting or glacial striation
Drumlin, direction of flow known
Eskers and esker complexes
Kettled and pitted terrain

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

Sources of information:

Geological Survey of Canada

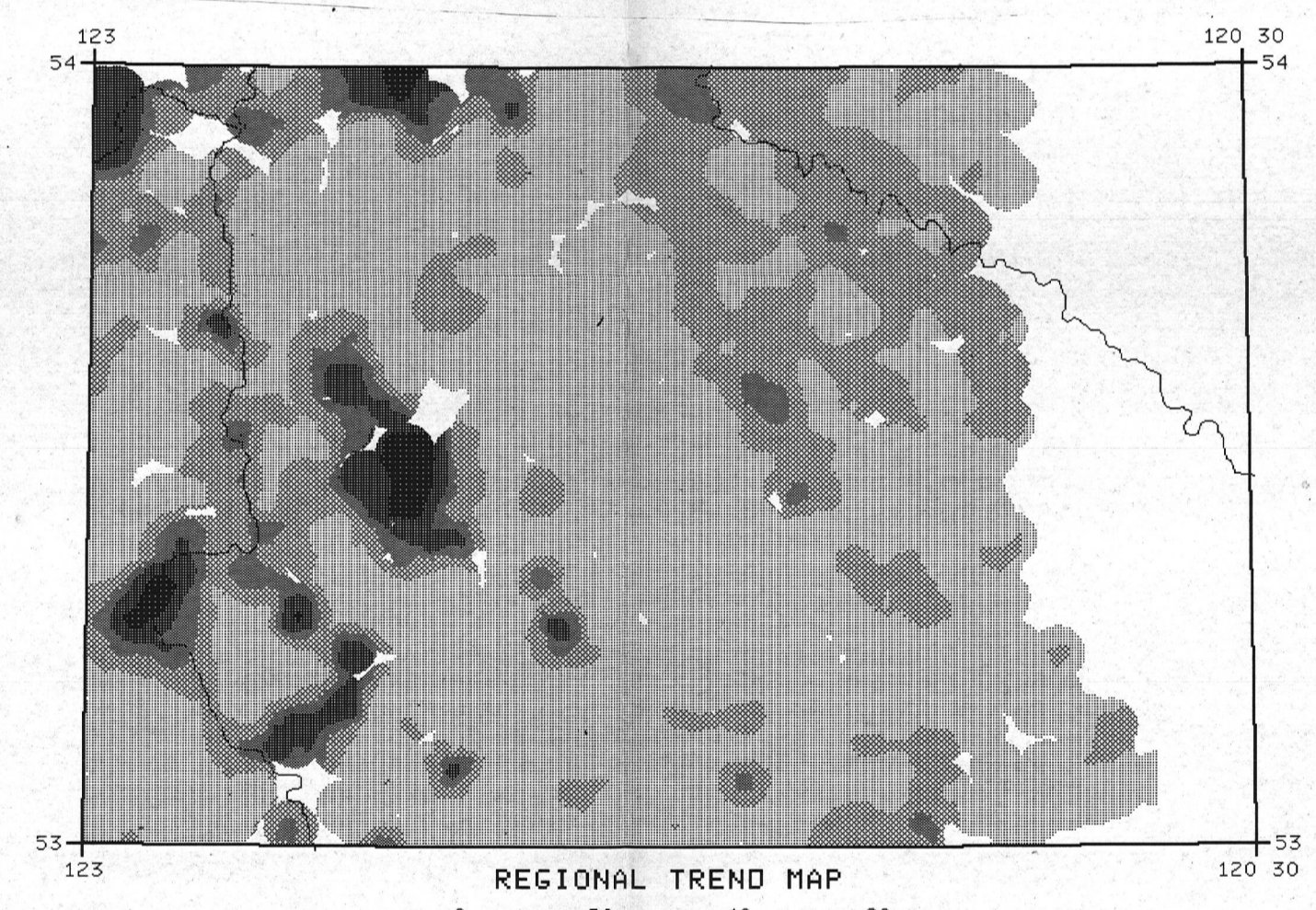
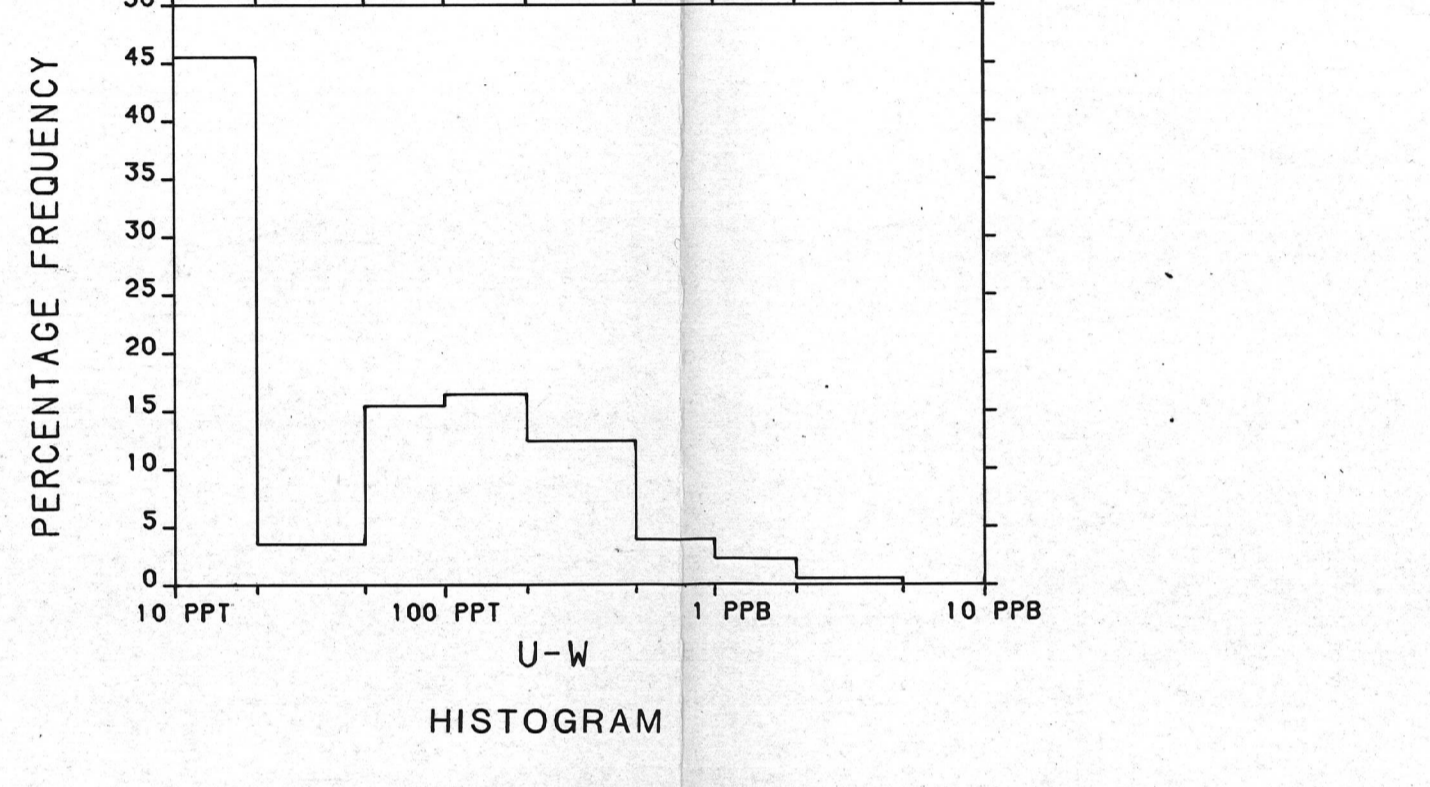
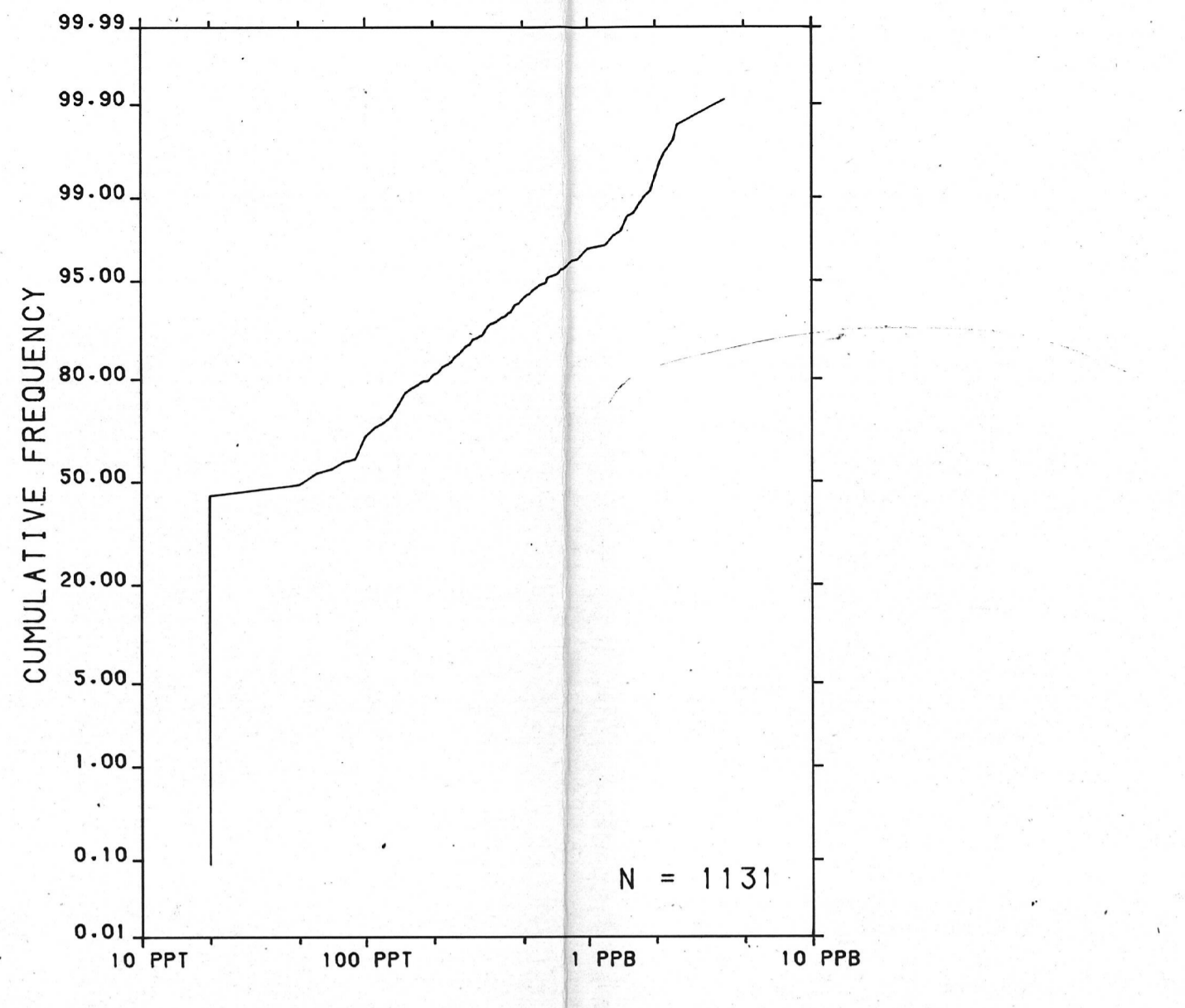
1938: Geology of Willow River Sheet
Map 335 A, West Half
Map 336 A, East Half

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: Parnsip River, British Columbia
Geological Survey of Canada
Map 1420A, scale 1:1 000 000



UWAT

PPB: 4.10 MAX
1.40 98
0.65 95
0.36 90
0.13 70
0.02 MIN
1131 SAMPLES

Provincial Open File
BC RGS-12-1984 (93G 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**
- 7 (TILL 44) TILL, GRAVEL, SAND, SILT, ALLUVIUM
- TERTIARY**
- MIOCENE AND PLEISTOCENE**
- 10 (BELL 42) OLIVINE BASALT FLOWS, BRECCIA, AND TUFF
 - 11 (BANDS 42) SANDSTONE, SHALE, CONGLOMERATE, DIATOMITE, LIGNITE
- OLIGOCENE AND MIOCENE**
- 14 (BANDS 42) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- PALEOCENE, EOCENE, OLILOCENE**
- 13 (BANDS 42) CONGLOMERATE, SANDSTONE, SHALE, TUFF, BRECCIA
- MESOZOIC - CENOZOIC**
- UPPER CRETACEOUS AND LOWER TERTIARY**
- 12 (BANDS 42) GOSLA LAKE GROUP, PHYLLITE, DACITE, TRACHYTE, SANDSTONE, SHALE, CONGLOMERATE
- CRETACEOUS**
- 11 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
 - 10 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
 - 9 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
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 - 7 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- JURASSIC**
- 9 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
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 - 7 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- TRIASSIC**
- 6 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
 - 5 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- PALEOZOIC**
- PERMIAN AND EARLY TRIASSIC**
- 4 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
 - 3 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- MISSISSIPPIAN AND YOUNGER**
- 3 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
 - 2 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- CAMBRIAN**
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- LOWER CAMBRIAN**
- 1 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- PHOTONIC ROCKS**
- MAINTAIN**
- 1 (BANDS 30) ANDERITE, TUFF, BRECCIA, ARGILLITE, ARKOSE, CONGLOMERATE
- PLUTONIC ROCKS**
- TERTIARY**
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Geological Survey of Canada
Resource Geophysics and Geochemistry Division
Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

CONTRACTORS

Sample collection by McElhannay Surveying and Engineering Ltd., Vancouver
Sample preparation by Golden Associates, Ottawa

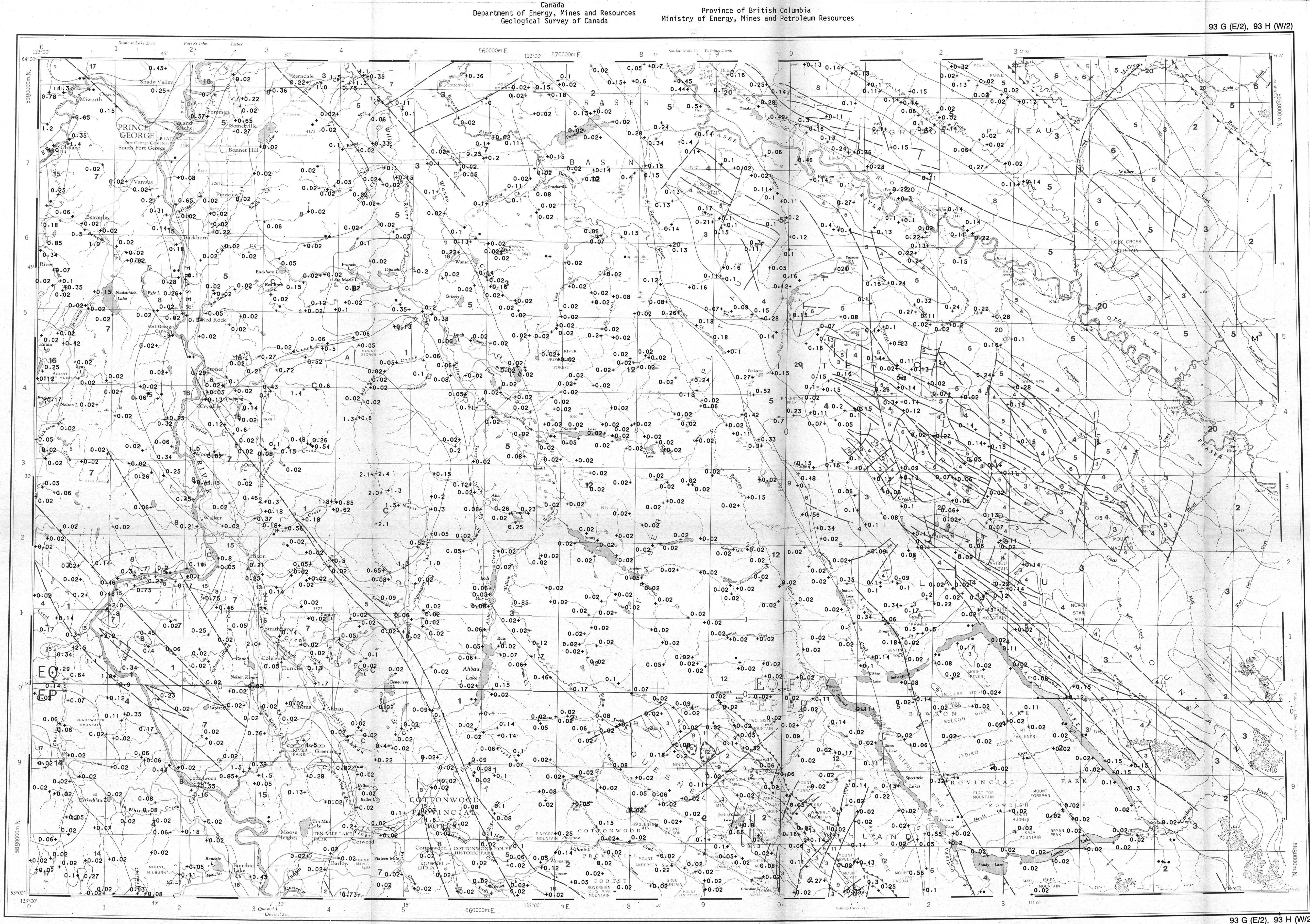
Sediment chemical analysis by Barringer Magenta Ltd., Rexdale, Ontario
Water chemical analyses by Barringer Magenta Laboratories (Alberta) Ltd., Calgary

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:

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980 Wellington St.
Bay 238
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The data are also available in digital form. For further information please contact:

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Department of Energy, Mines and Resources
Ottawa, Ontario
K1A 0G4



URANIUM in water (ppb)
GSC OPEN FILE 1107
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

Mean magnetic declination 1985, 279°34' West, decreasing 9.2' annually. Readings vary from 26°41' in the SW corner to 28°27' in the NE corner of the map area

Scale 1:250 000
Universal Transverse Mercator Projection
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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

URANIUM in water (ppb)
GSC OPEN FILE 1107
EAST-CENTRAL BRITISH COLUMBIA

URANIUM in water (ppb)
GSC OPEN FILE 1107
EAST-CENTRAL BRITISH COLUMBIA

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

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- PERISTOCENE AND RECENT**
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- UPPER CRETACEOUS OR PALEOCENE**
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