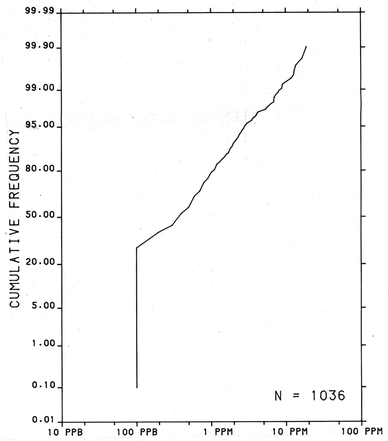
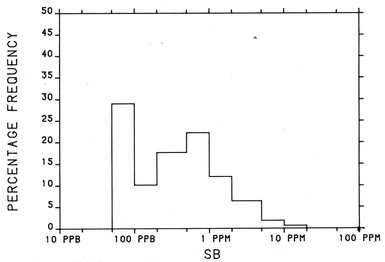
"Canada
Department of Energy, Mines and Resources
Geological Survey of Canada

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources"

Provincial Open File
BC RGS-10-1983 (93M)





Geological Survey of Canada
Resource Geophysics and Geochemistry Division

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

CONTRACTORS

Sample collection by Bema Ltd.
Sample preparation by Golder Associates

Sediment chemical analysis by Chemex Labs Ltd.
Water chemical analyses by Acme Analytical Laboratories Ltd.

This map forms one of a series of maps released by the Geological Survey of Canada, Open Files 1000 and 1001. The Open File consists of maps of various geochemical variables: 14 for lake sediment, 3 for lake water and 1 sample site location

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 Center
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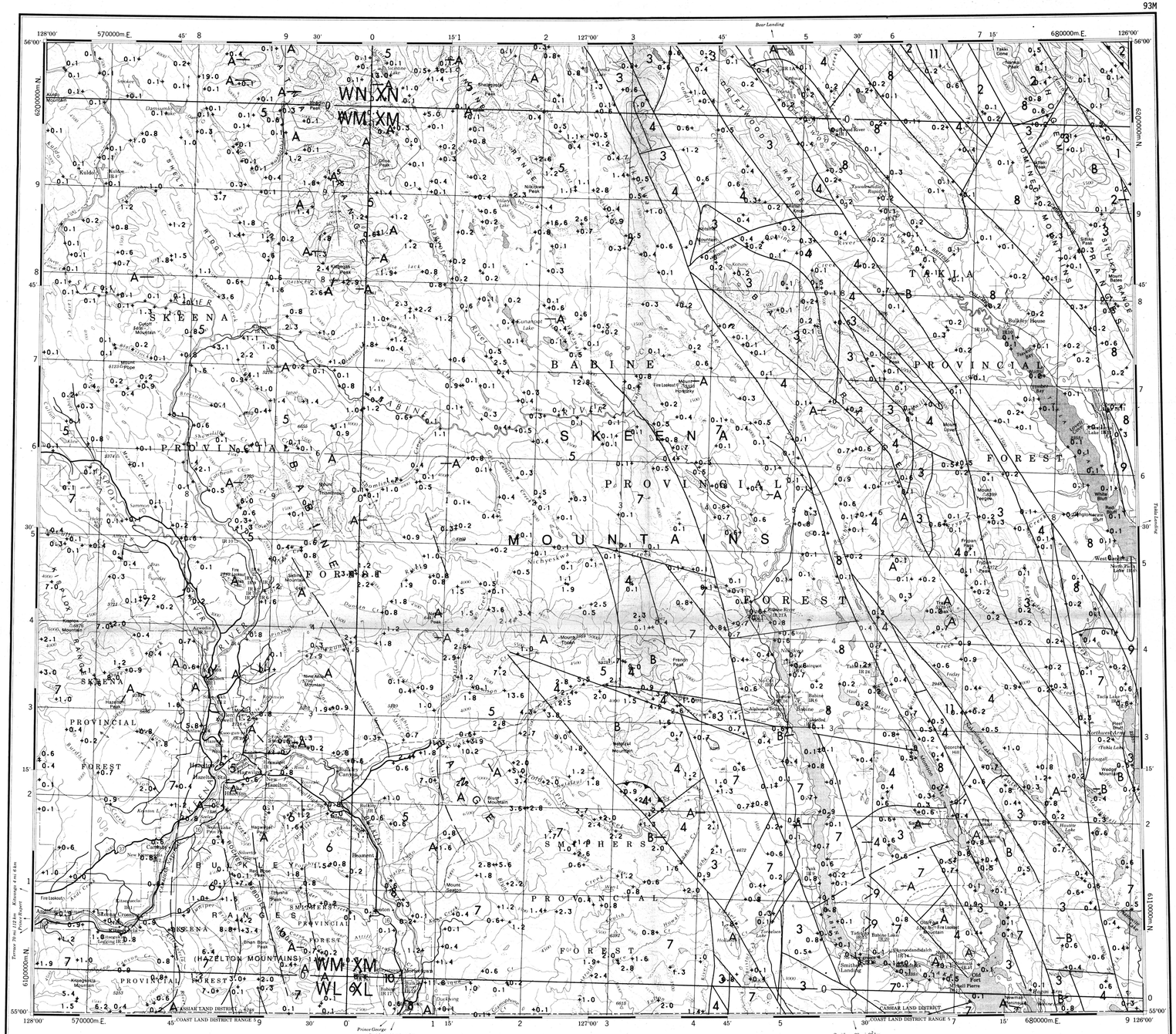
93M



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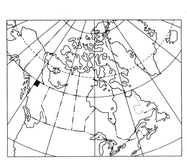

Elevation in feet above mean sea level

Magnetic declination 1984 varies from 26°21.7' easterly at centre of west edge to 26°01.2' easterly at centre of east edge. Mean annual change -8.9' easterly

ANTIMONY (ppm)
GSC OPEN FILE 1000
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 65-1983
JOINT CANADA/BRITISH COLUMBIA PROGRAM
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
CENTRAL BRITISH COLUMBIA
Scale 1:250 000

Kilometres 6 0 6 12 18 Kilomètres

Universal Transverse Mercator Projection

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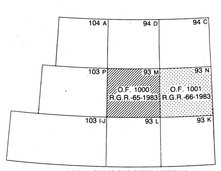
Base-map assembled by the Geological Cartography Unit from maps published at the same scale by the Surveys and Mapping Branch 1976



ANTIMONY (ppm)
GSC OPEN FILE 1000
CENTRAL BRITISH COLUMBIA

LEGEND

Note: This legend is common for National Geochemical Reconnaissance Map 65-1983, Open File 1000

QUATERNARY

PLEISTOCENE TO RECENT

11 (TILL 44) TILL, GRAVEL, SAND, SILT, ALLUVIUM

TERTIARY

OLIGOCENE AND MIOCENE

10 (ANDS 42) ENDAKO GROUP: ANDESITE, BASALT, DACITE

MESOZOIC – CENOZOIC

UPPER CRETACEOUS AND LOWER TERTIARY

9 (RYLT 41) OOTSA LAKE GROUP: RHYOLITE, DACITE, TRACHYTE, SANDSTONE, SHALE, CONGLOMERATE

8 (CGLM 41) SUSTUT GROUP: CONGLOMERATE, SHALE, GREYWACKE

MESOZOIC

LATE LOWER AND/OR EARLY UPPER CRETACEOUS

7 (SHLE 36) SKEENA GROUP, RED ROSE FORMATION: SHALE, GREYWACKE, COMGLOMERATE, COAL, VOLCANIC BRECCIA

6 (TUFF 36) BRIAN BORU FORMATION: ANDESITIC TO RHYOLITIC TUFF, BRECCIA, FLOWS

UPPER JURASSIC AND LOWER CRETACEOUS

5 (SHLE 35) BOWSER LAKE GROUP: MAINLY UNDIVIDED MARINE SEDIMENTARY ROCKS

JURASSIC

4 (SHLE 34) HAZELTON GROUP, SMITHERS AND ASHMAN FORMATIONS: SHALE, GREYWACKE, CONGLOMERATE, BRECCIA, TUFF

3 (BSLT 34) TELKWA AND NILKITKWA FORMATIONS: BASALT, ANDESITE, BRECCIA, TUFF, SHALE, SILTSTONE

TRIASSIC

2 (ANDS 32) TAKLA GROUP: ANDESITE, BASALT, TUFF, BRECCIA, CONGLOMERATE, GREYWACKE, SHALE, LIMESTONE

PALEOZOIC

PENNSYLVANIAN AND PERMIAN

1 (LMSN 23) CACHE CREEK GROUP: RIBBON CHERT, BLACK ARGILLITE, LIMESTONE, GREENSTONE

PLUTONIC ROCKS

MESOZOIC AND YOUNGER

A (QTMZ 41) QUARTZ MONZONITE, GRANODIORITE, QUARTZ DIORITE; PORPHYRITIC AND APHANITIC EQUIVALENTS

B (GBBR 41) GABBRO

SYMBOLS

GEOLOGICAL BOUNDARY: MAPPED, ASSUMED .....

FAULT: MAPPED, ASSUMED .....

THRUST FAULT (TEETH ON HANGINGWALL): MAPPED ASSUMED .....

ANTICLINE .....

SYNCLINE .....

STREAM SAMPLE SITE .....

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