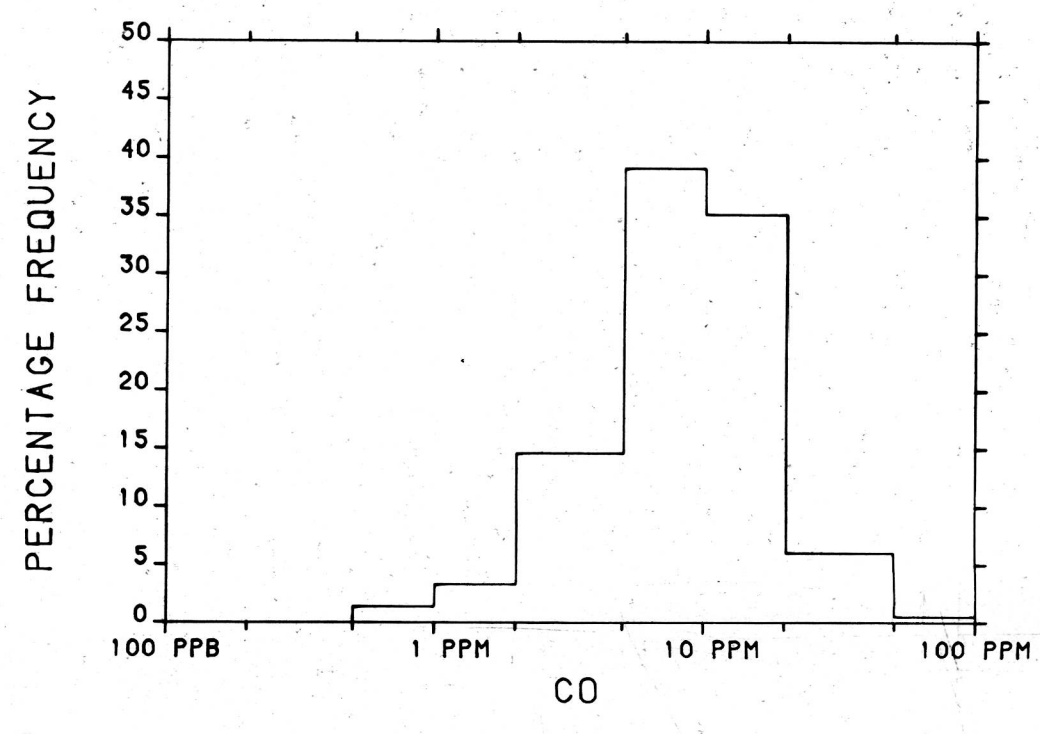
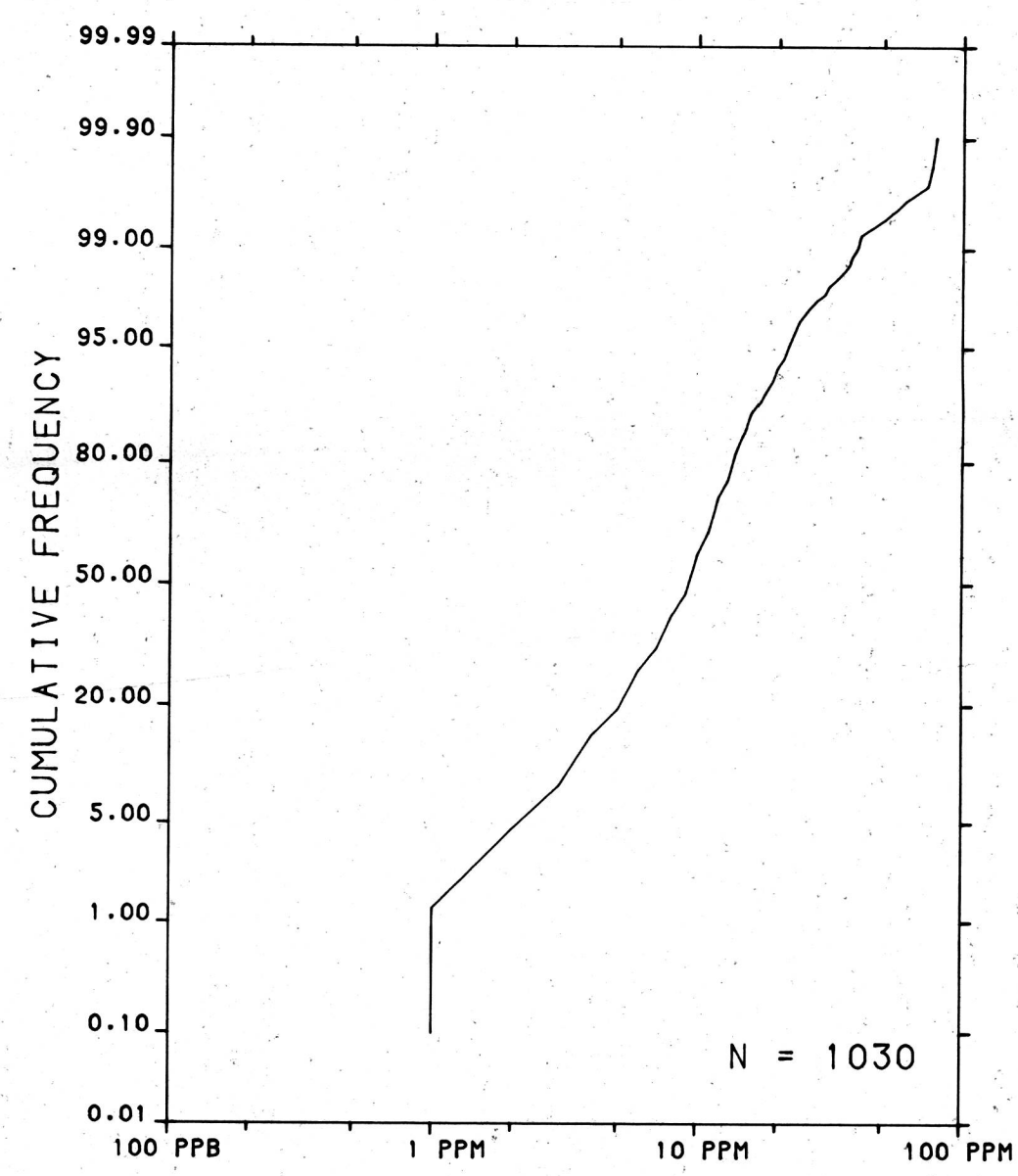


Provincial Open File
BC RGS-11-1983 (93N)

COBALT (ppm)
GSC OPEN FILE 1001
CENTRAL BRITISH COLUMBIA



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

CONTRACTORS
Sample collection by Hardy Associates
Sample preparation by Golder Associates
Sediment chemical analysis by Chemex Labs Ltd.
Water chemical analyses by Acme Analytical Laboratories Ltd.

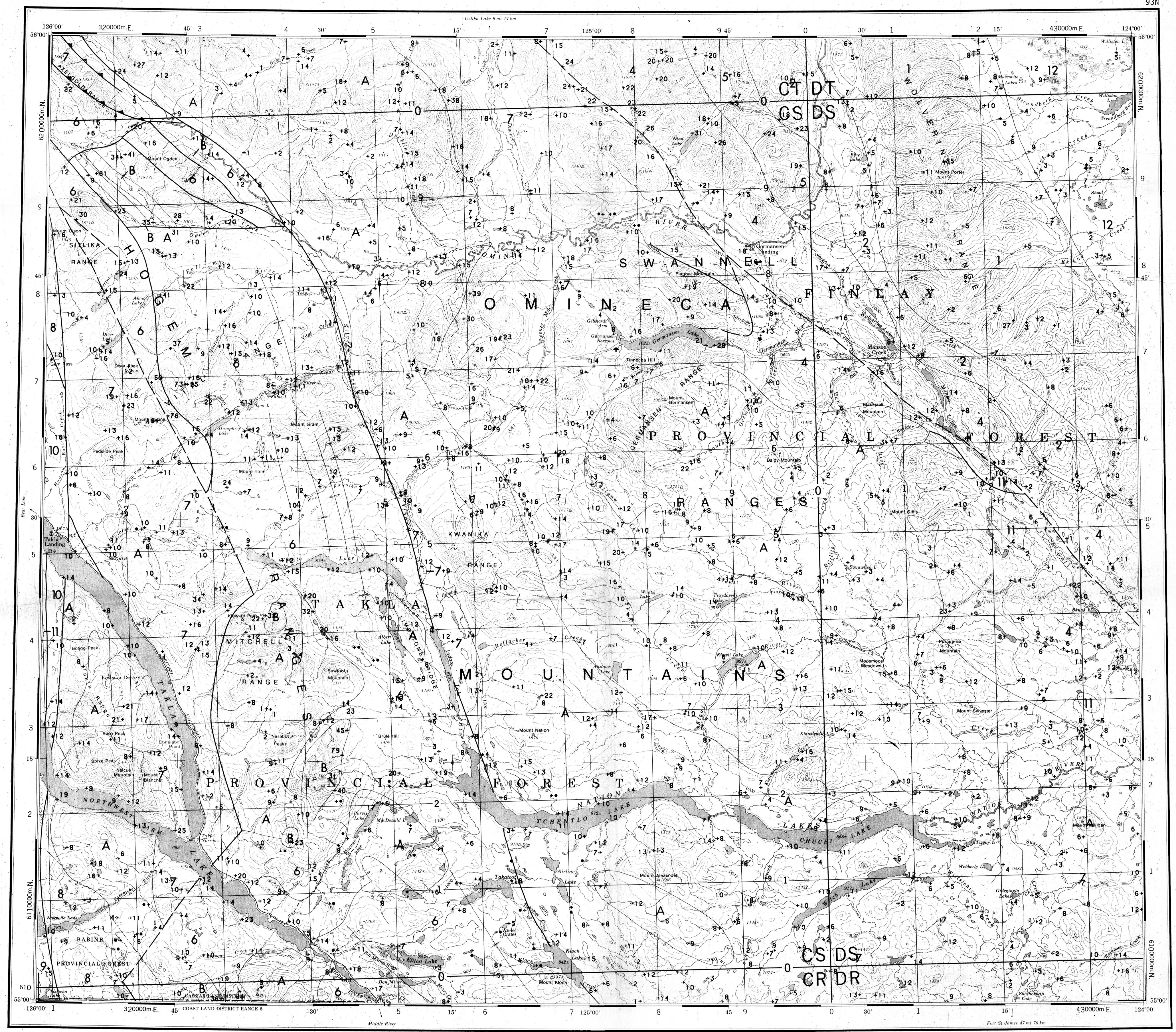
This map forms one of a series of maps released by the Geological Survey of Canada, Open Files 1000 and 1001. The Open File consists of maps of various geochemical variables: 14 for lake sediment, 3 for lake water and 1 sample site location.

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
K1R 6K7

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

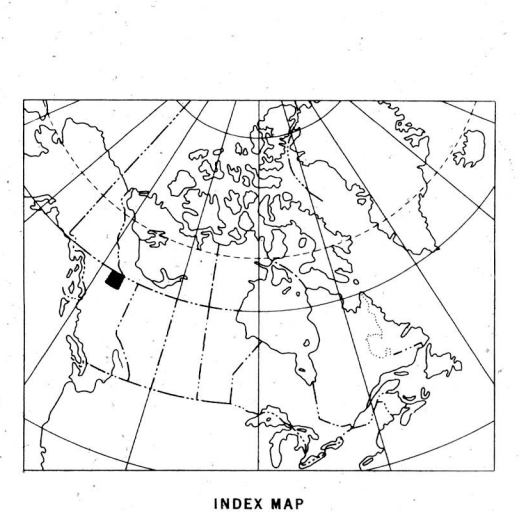
The Director
Computer Science Center
Department of Energy, Mines and Resources
Ottawa, Ontario
K1A 0E4



LEGEND
Note: This legend is common for National Geochemical Reconnaissance 66-1983 Open File 1001

- QUATERNARY**
PLEISTOCENE TO RECENT
12 (TILL 44) TILL, GRAVEL, SAND, SILT, ALLUVIUM
- MESOZOIC - CENOZOIC**
UPPER CRETACEOUS AND LOWER TERTIARY
11 (RYLT 41) OOTSA LAKE GROUP: RHYOLITE, DACITE, TRACHYTE, SANDSTONE, SHALE, CONGLOMERATE
10 (CGLM 41) SUSTUT GROUP, USLIKA FORMATION: CONGLOMERATE, SHALE, SANDSTONE, GREYWACKE
- MESOZOIC**
LATE LOWER AND/OR EARLY UPPER CRETACEOUS
9 (SHLE 36) RED ROSE FORMATION: SHALE, GREYWACKE, CONGLOMERATE, COAL
JURASSIC
8 (BSLT 34) TELKWA, NILKITKWA FORMATIONS: BASALT, ANDESITE, BRECCIA, TUFF, SHALE, SILTSTONE
- TRIASSIC**
7 (ANDS 32) TAKLA GROUP: ANDESITE, BASALT TUFF, BRECCIA, CONGLOMERATE, GREYWACKE, SHALE, LIMESTONE
- PALEOZOIC**
PENNSYLVANIAN AND PERMIAN
6 (LMSN 23) CACHE CREEK GROUP: LIMESTONE, CHERT, ARGILLITE, GREENSTONE
SILURIAN AND DEVONIAN
5 (LMDM 17) LIMESTONE, DOLOMITE, SANDY DOLOMITE, QUARTZITE, SHALE
UPPER PALEOZOIC AND YOUNGER OR OLDER
4 (GRNS 10) GREENSTONE, ANDESITIC VOLCANIC ROCKS, ARGILLITE, SHALE, LIMESTONE
- PROTEROZOIC AND PALEOZOIC**
3 (MSDM 1) UNDIVIDED METASEDIMENTARY AND SEDIMENTARY ROCKS OF HADRYNIAN TO LOWER DEVONIAN AGE
- PROTEROZOIC**
2 (PLLT 04) INGENIKA GROUP: UNDIVIDED PHYLLITE, SCHIST, GRIT, LIMESTONE
- AGE UNKNOWN**
1 (GRNG 50) WOLVERINE METAMORPHIC COMPLEX: GRANITOID GNEISS, PEGMATITE, SCHIST, AMPHIBOLITE, QUARTZITE
- PLUTONIC ROCKS**
MESOZOIC AND YOUNGER
A (GRNT 41) NAVER INTRUSIONS, TOPLY INTRUSIONS, DUCKLING CREEK SYENITE COMPLEX, HOGEM BATHOLITH, OMINICA INTRUSIONS, AND SIMILAR GRANITIC ROCKS: QUARTZ DIORITE, DIORITE, QUARTZ MONZONITE, GRANODIORITE, AND SYENITE, WITH MINOR GRANITE, PEGMATITE, AND APLITE
B (SRPM 41) TREMBLEUR INTRUSIONS AND SIMILAR ULTRAMAFIC BODIES: PERIDOTITE, DUNITe, PYROXENITE, AND SERPENTINITE

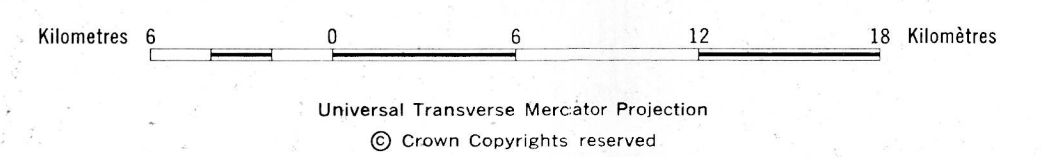
- SYMBOLS**
GEOLOGICAL BOUNDARY: MAPPED ASSUMED
FAULT: MAPPED, ASSUMED
THRUST FAULT (TEETH ON HANGINGWALL): MAPPED, ASSUMED
ANTICLINE
SYNCLINE
STREAM SAMPLE SITE



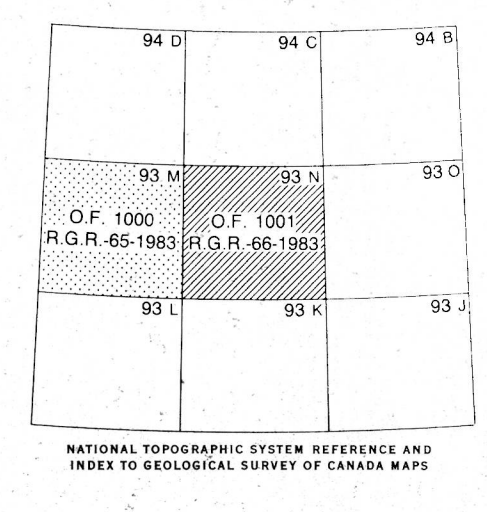
COBALT (ppm)
GSC OPEN FILE 1001
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 66-1983
JOINT CANADA/BRITISH COLUMBIA PROGRAM
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
CENTRAL BRITISH COLUMBIA
Scale 1:250 000

Elevation in feet above mean sea level

Magnetic declination 1984 varies from 26°01.2' easterly at centre of west edge to 25°58.6' easterly at centre of east edge. Mean annual change -9.5' easterly



Base-map assembled by the Geological Cartography Unit from maps published at the same scale by the Surveys and Mapping Branch 1975



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COBALT (ppm)
GSC OPEN FILE 1001
CENTRAL BRITISH COLUMBIA