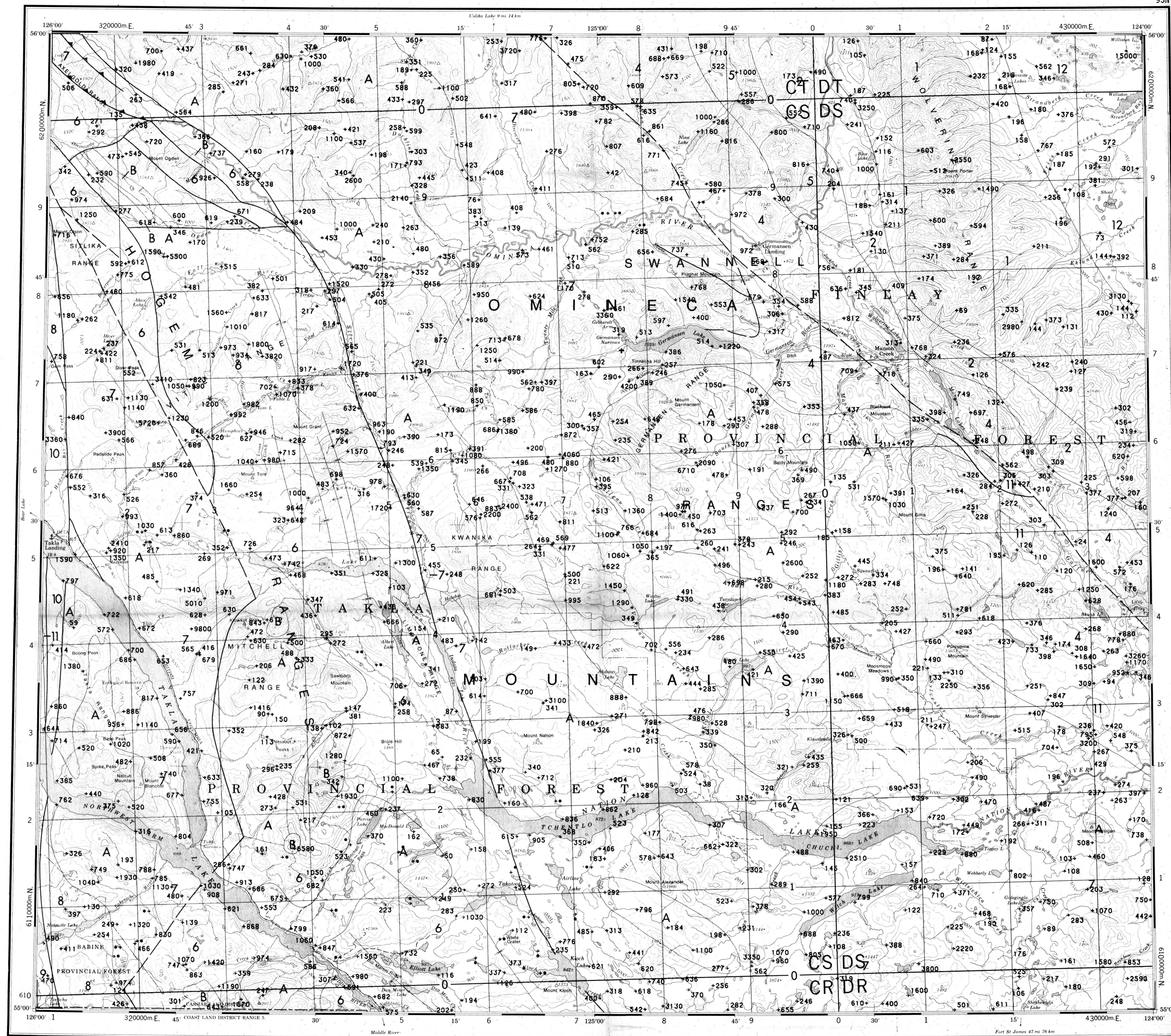
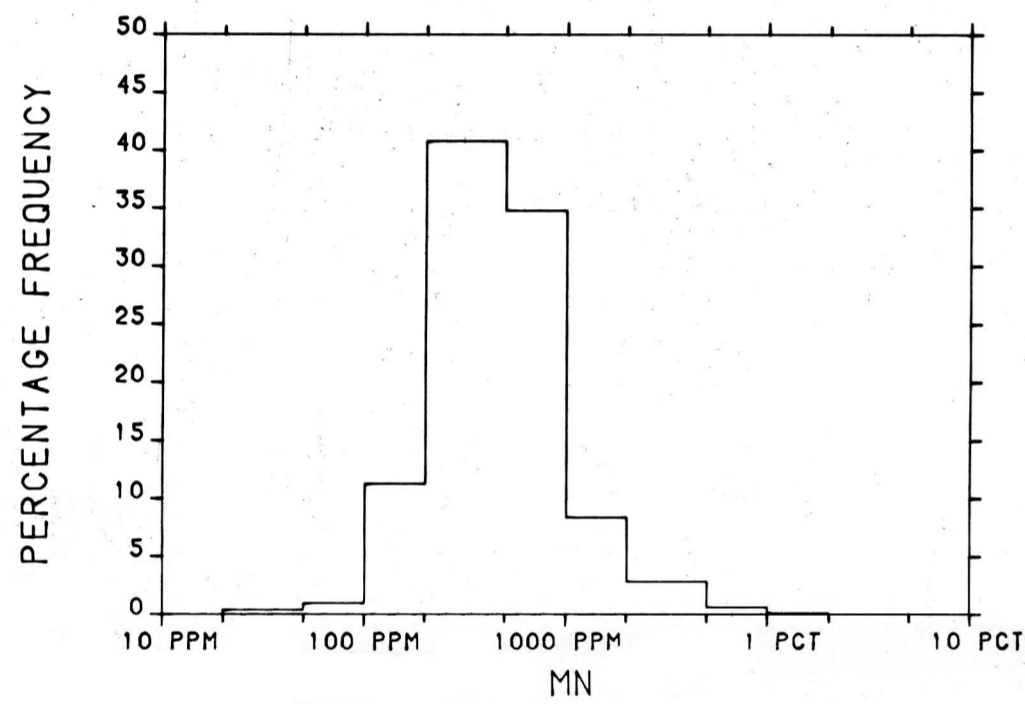
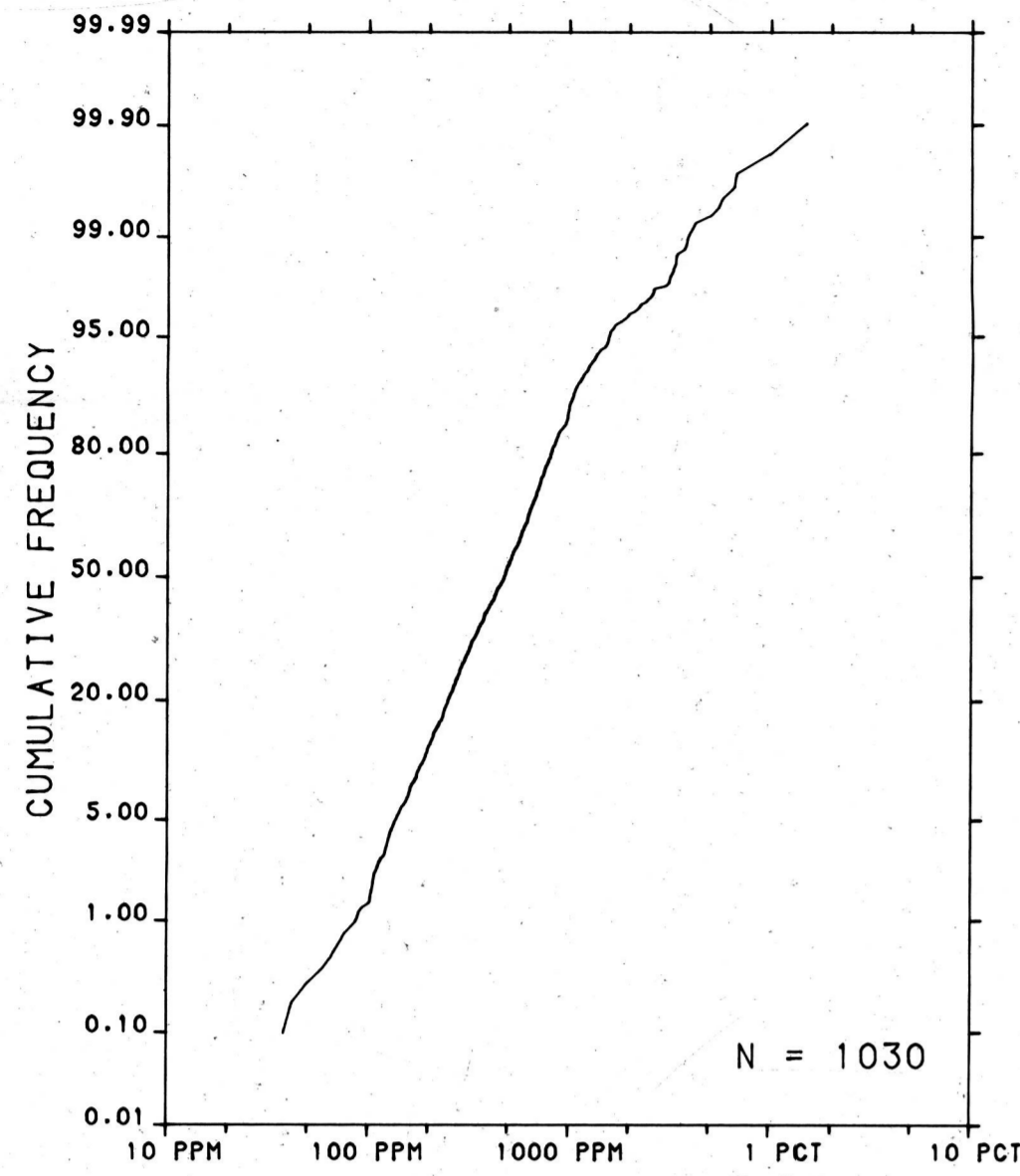


Provincial Open File
BC RGS-11-1983 (93N)

MANGANESE (ppm)
GSC OPEN FILE 1001
CENTRAL BRITISH COLUMBIA



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 - CRETACEOUS
 - 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, TOPLEY INTRUSIONS, DUCKLING CREEK SYENITE COMPLEX, HOGEM BATHOLITH, OMINECA 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

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.
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Ottawa, Ontario
K1R 6K7

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

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K1A 0E4

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REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 66-1983

JOINT CANADA/BRITISH COLUMBIA PROGRAM

STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY

CENTRAL BRITISH COLUMBIA

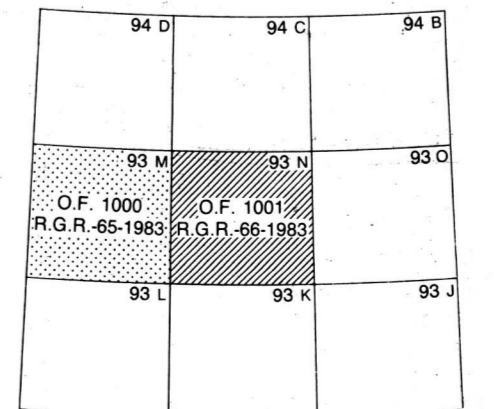
Scale 1:250 000



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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MANGANESE (ppm)
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