

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.

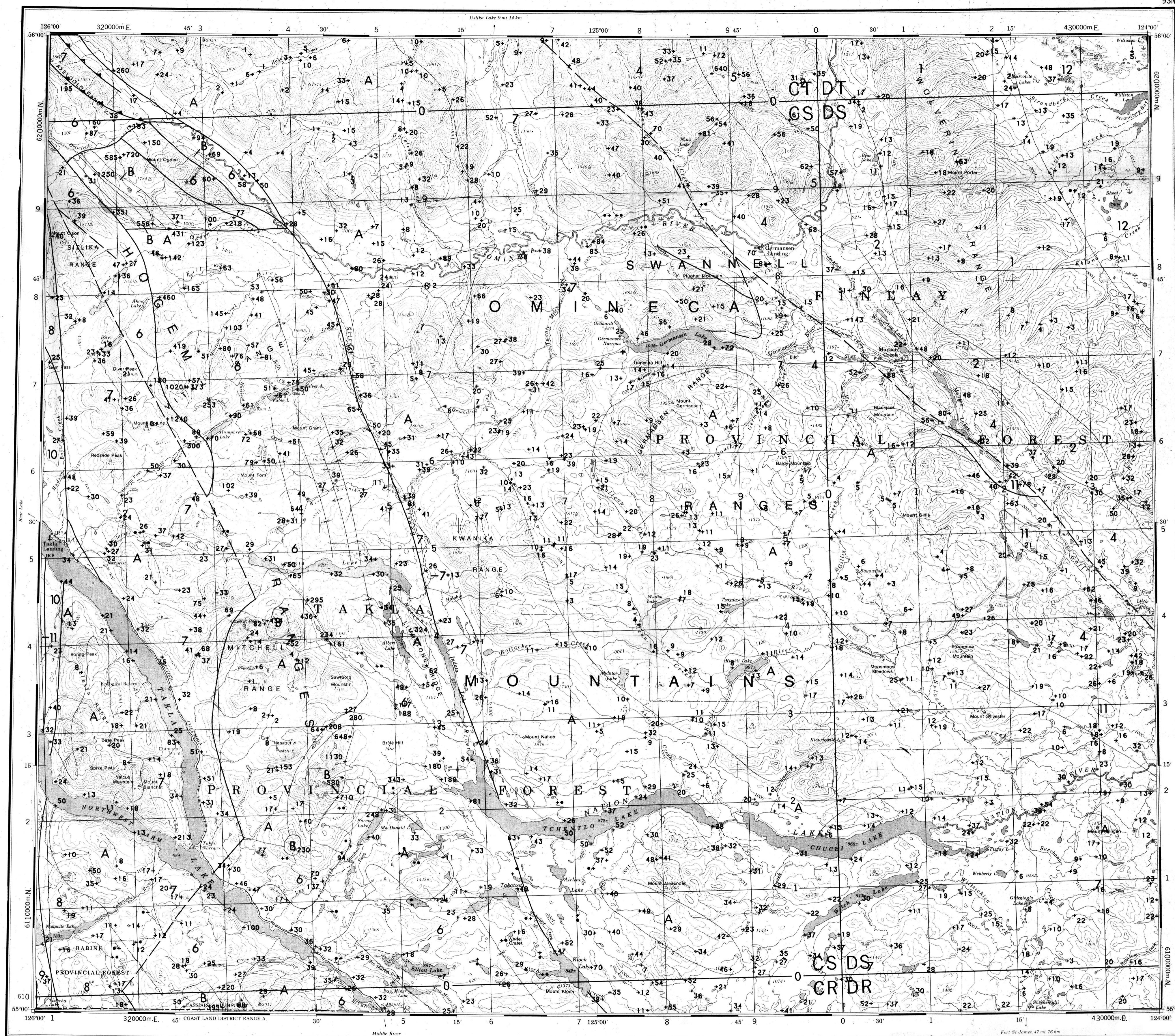
This map forms one of a series of maps released by the Geological Survey of Canada, Open Files 1000 and 1001. The Open File consists of maps of various geochemical variables: 14 for lake sediment, 3 for lake water and 1 sample site location

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:

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

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 Computer Science Center
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 Ottawa, Ontario
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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, TRAGHYTE, SANDSTONE, SHALE, CONGLOMERATE
- 10 (CGLM 41) SUSTUT GROUP, USLIKA FORMATION: CONGLOMERATE, SHALE, SANDSTONE, GREYWACKE

MESOZOIC

- LATE LOWER AND/OR EARLY UPPER CRETACEOUS
- 9 (SHLE 38) 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 META SEDIMENTARY 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

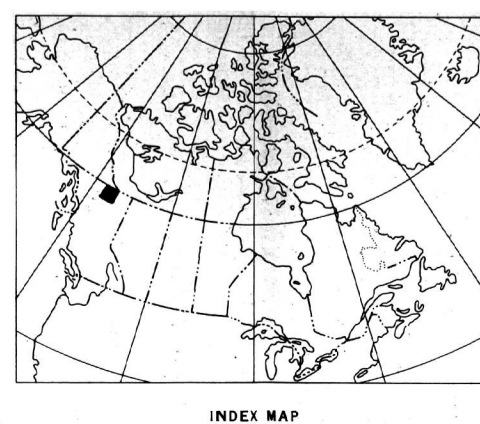
PLUTONIC ROCKS

MESOZOIC AND YOUNGER

- A (GRNT 41) NAVER INTRUSIONS, TOPYLEY 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



Elevation in feet above mean sea level

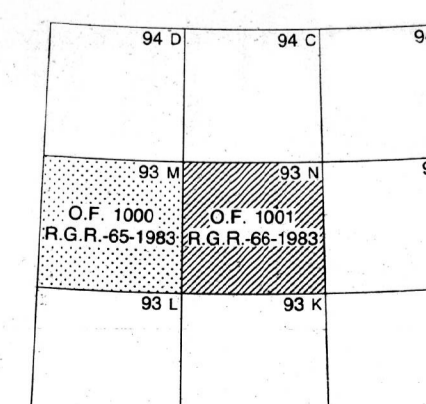
Magnetic declination 1984 varies from 26°01.2' easterly at centre of west edge to 25°58.6' easterly at centre of east edge. Mean annual change -9.5' easterly

Kilometres 6 0 6 12 18 Kilometres

Universal Transverse Mercator Projection
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NICKEL (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

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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