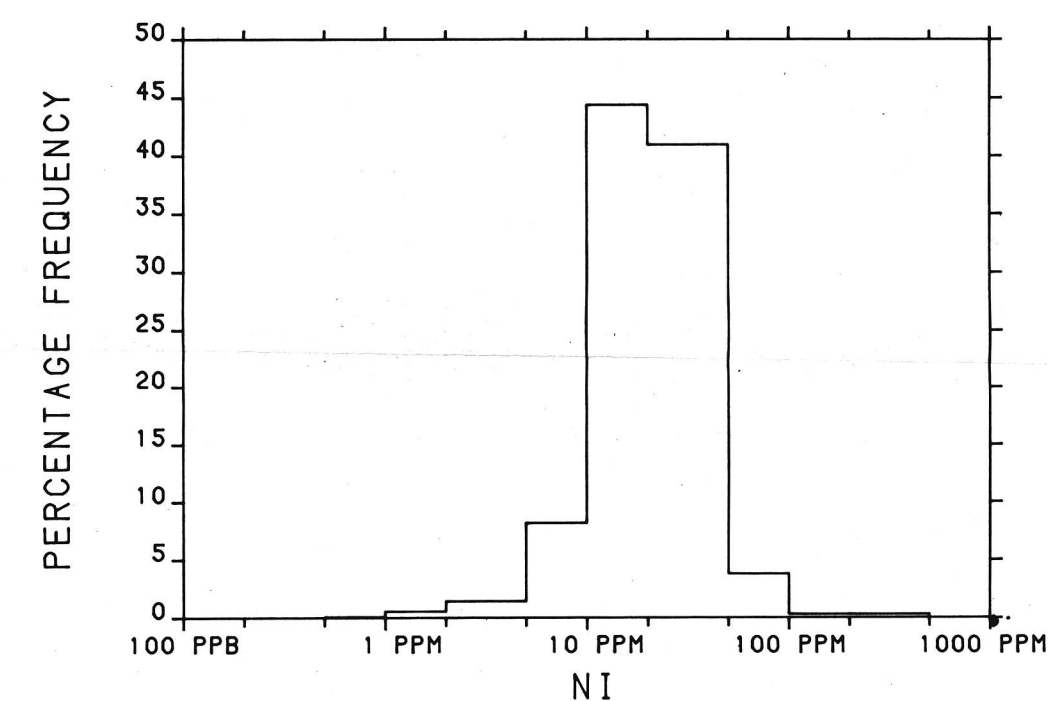
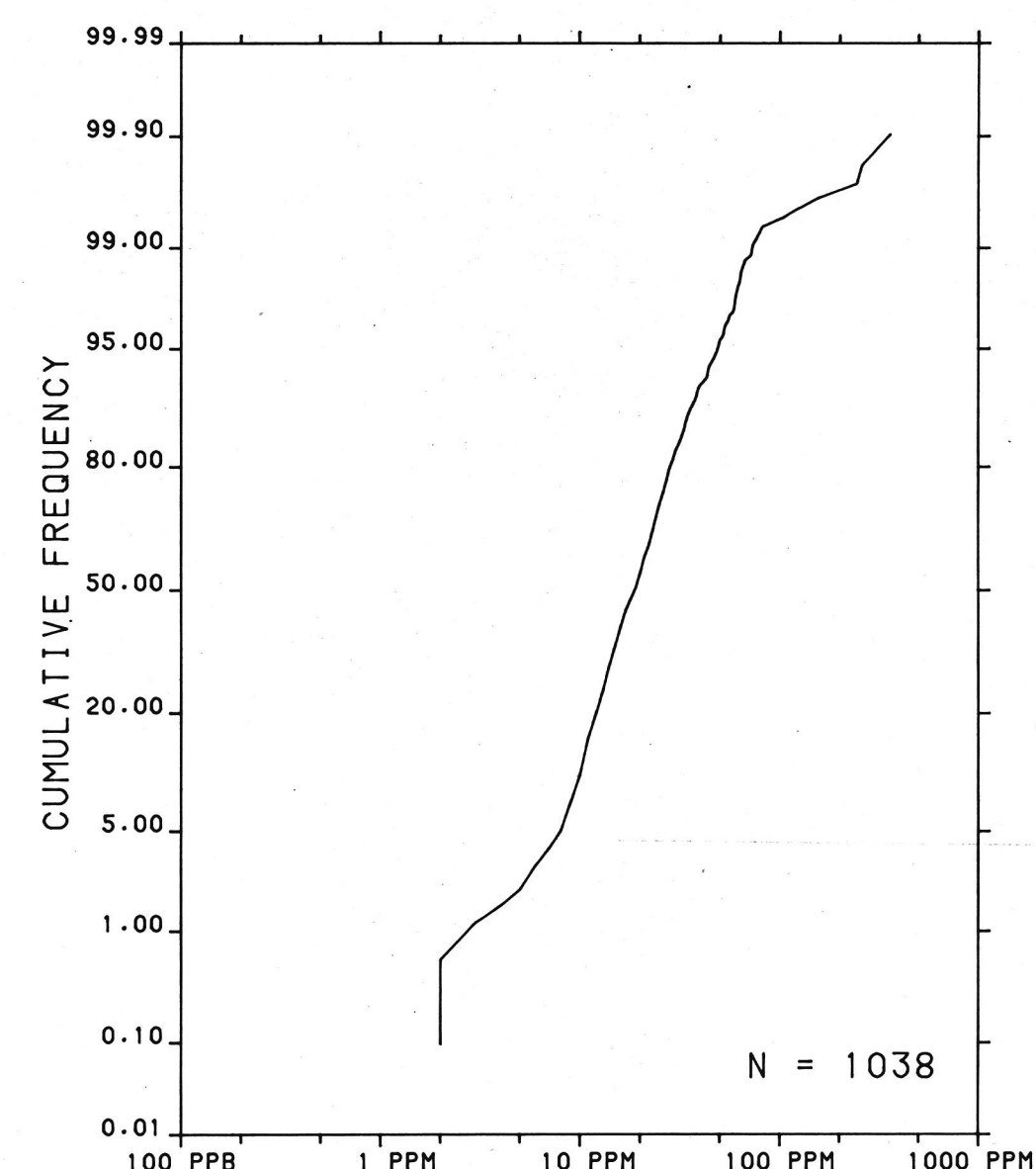


Provincial Open File  
BC RGS-10-1983 (93M)

NICKEL (ppm)  
GSC OPEN FILE 1000  
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 Bema Ltd.  
Sample preparation by Golder Associates

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

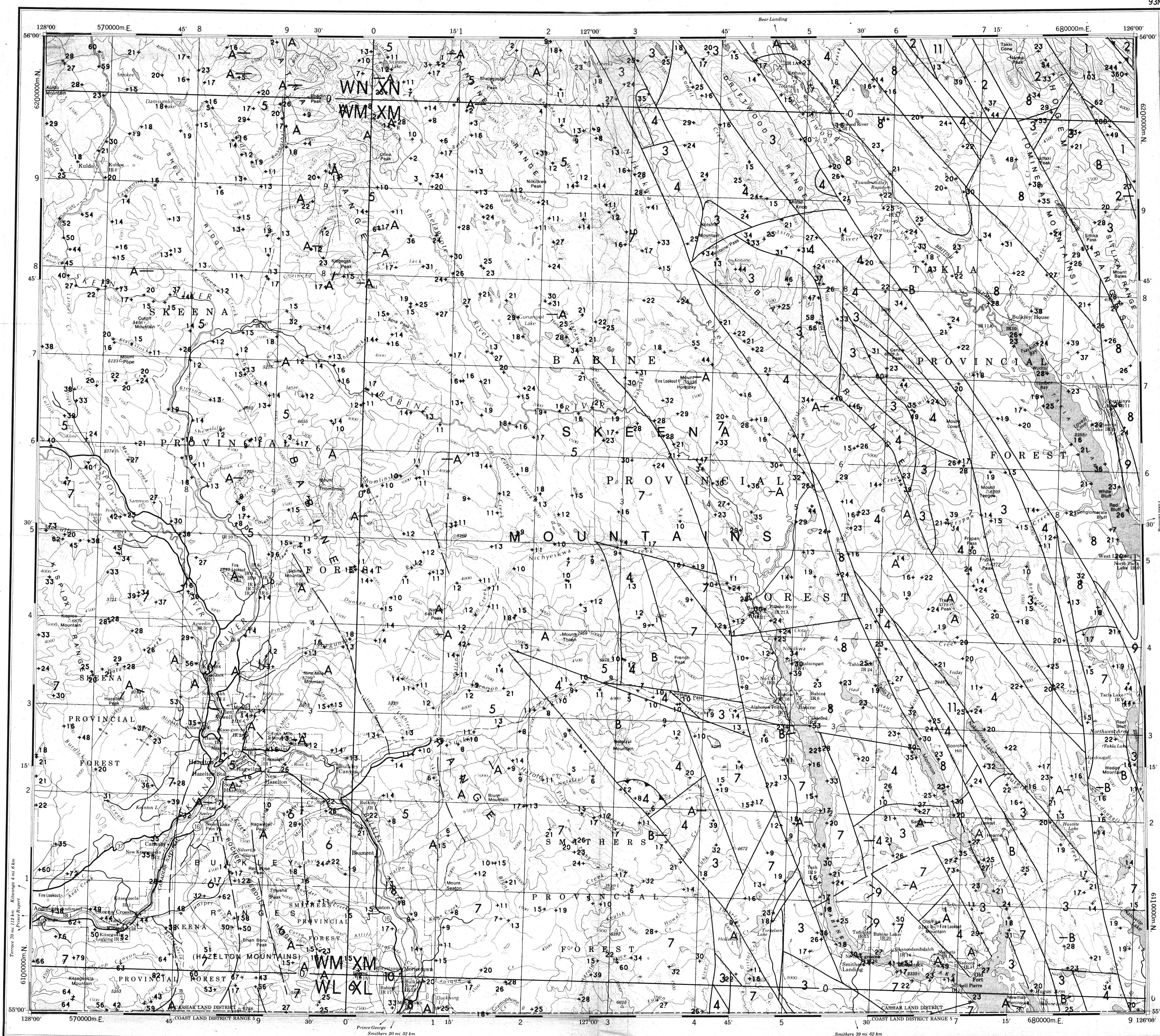
This map forms one of a series of maps released by the Geological Survey of Canada, Open Files 1000 and 1001. The Open File consists of maps of various geochemical variables: 14 for lake sediment, 3 for lake water and 1 sample site location

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  
890 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 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, CONGLOMERATE, 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 (GGBR 41) GABBRO

SYMBOLS

GEOLOGICAL BOUNDARY: MAPPED, ASSUMED

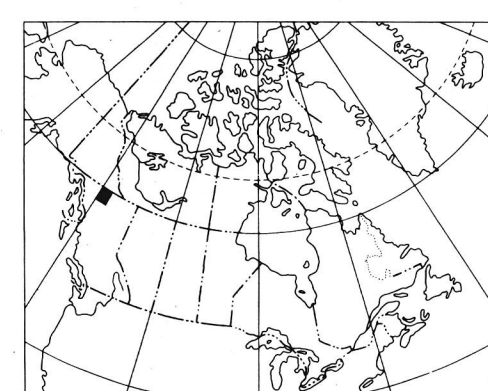
FAULT: MAPPED, ASSUMED

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°21.7' easterly at centre of west edge to 26°01.2' easterly at centre of east edge. Mean annual change -8.9' easterly

Scale 1:250 000

Universal Transverse Mercator Projection  
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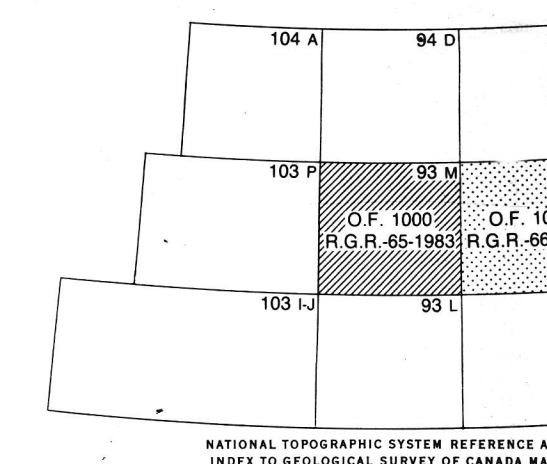
NICKEL (ppm)  
GSC OPEN FILE 1000

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 65-1983

JOINT CANADA/BRITISH COLUMBIA PROGRAM  
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY  
CENTRAL BRITISH COLUMBIA

Scale 1:250 000

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



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NICKEL (ppm)  
GSC OPEN FILE 1000  
CENTRAL BRITISH COLUMBIA