

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

A (QTMZ 41) QUARTZ MONZONITE, GRANDIORTITE, QUARTZDORITE, PORPHYRITIC AND APHANTIC 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

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.

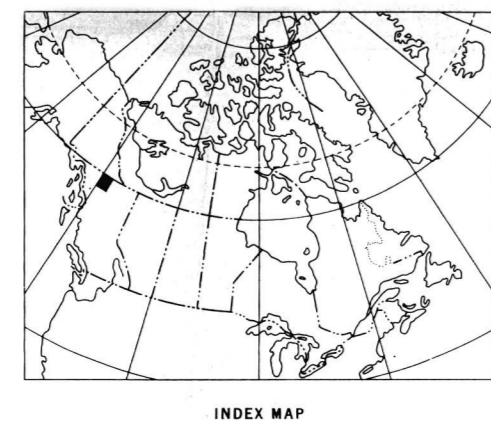
This map forms one of a series of maps released by the Geological Survey of Canada, Open File 1000 and 1001. The Open File consists of maps of various geochemical variables: 14 for lake sediment, 3 for lake water and 1 sample site location

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



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
 Kilometres 6 0 6 12 18 Kilometres

Universal Transverse Mercator Projection
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SAMPLE LOCATION
 GSC OPEN FILE 1000

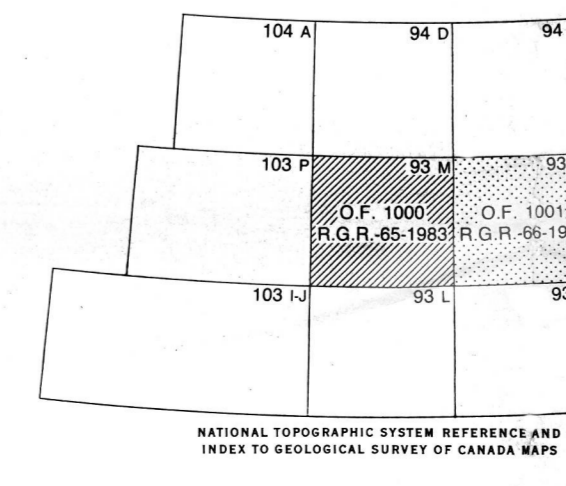
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 65-1983

JOINT CANADA/BRITISH COLUMBIA PROGRAM

STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY

CENTRAL BRITISH COLUMBIA

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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