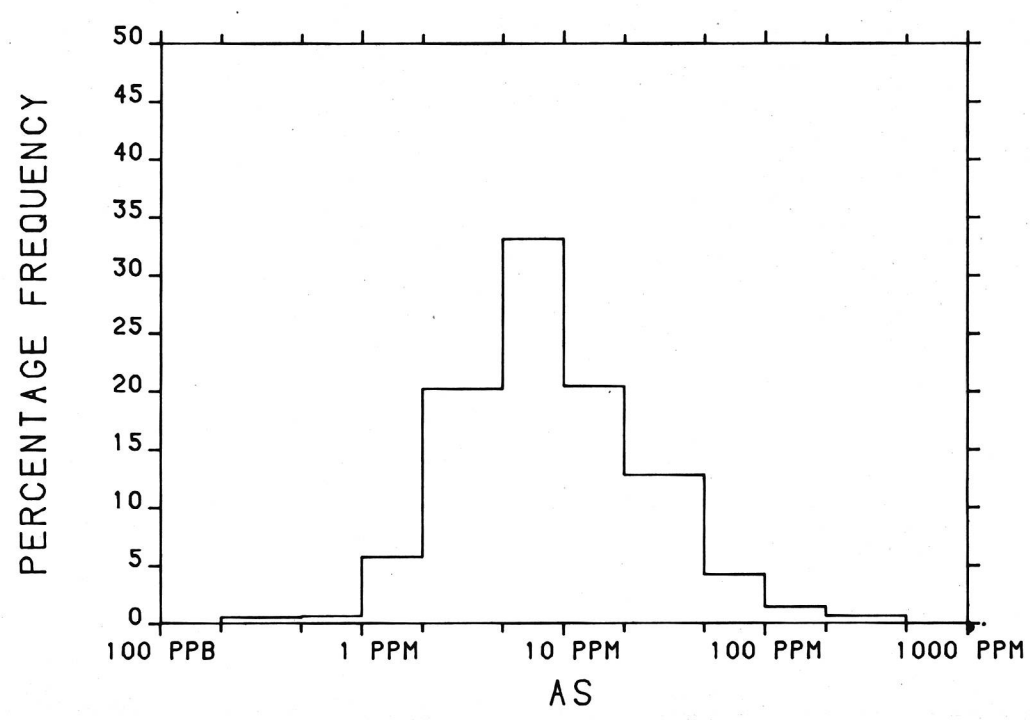
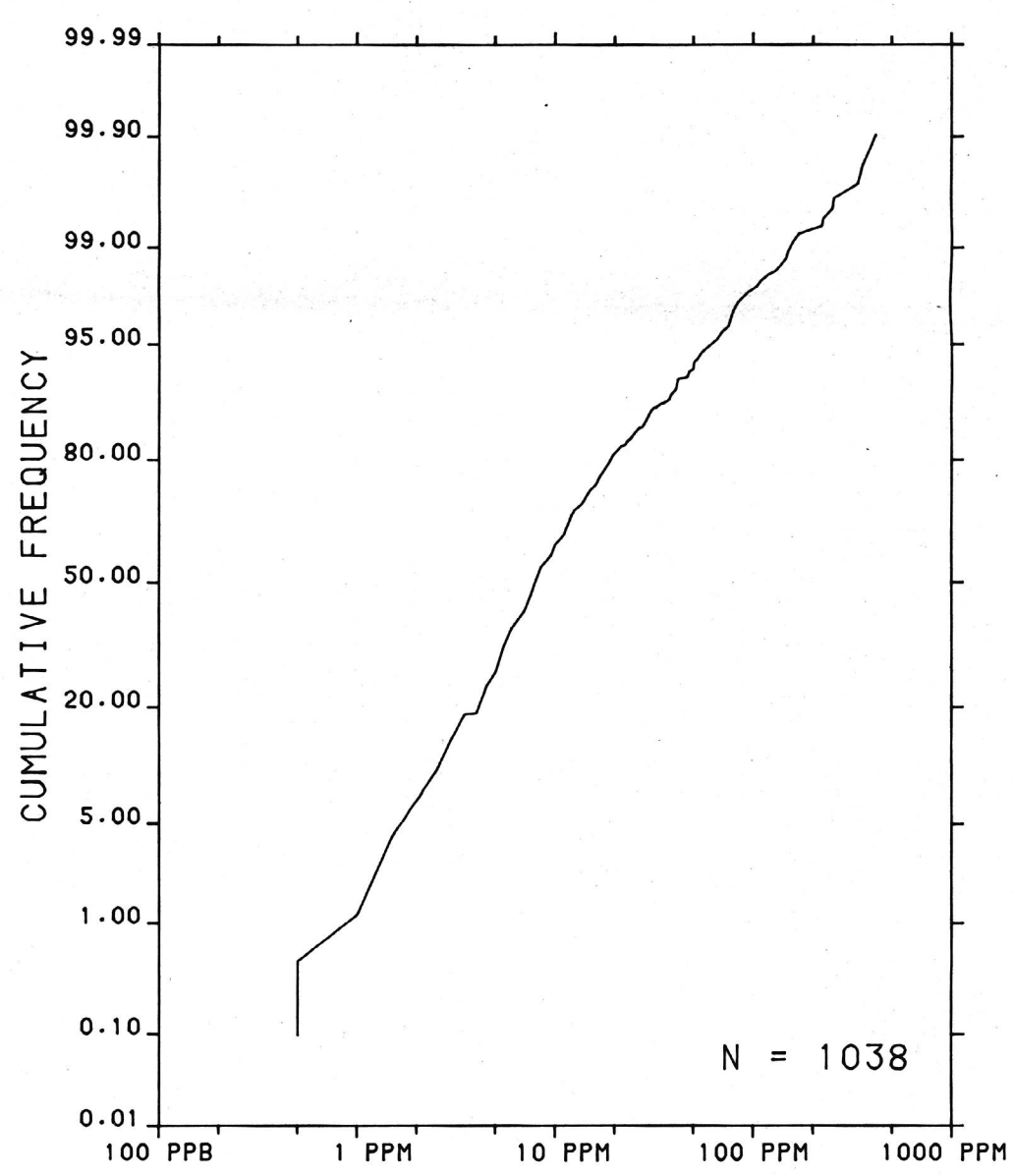


Provincial Open File
 BC RGS-10-1983 (93M)

ARSENIC (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.

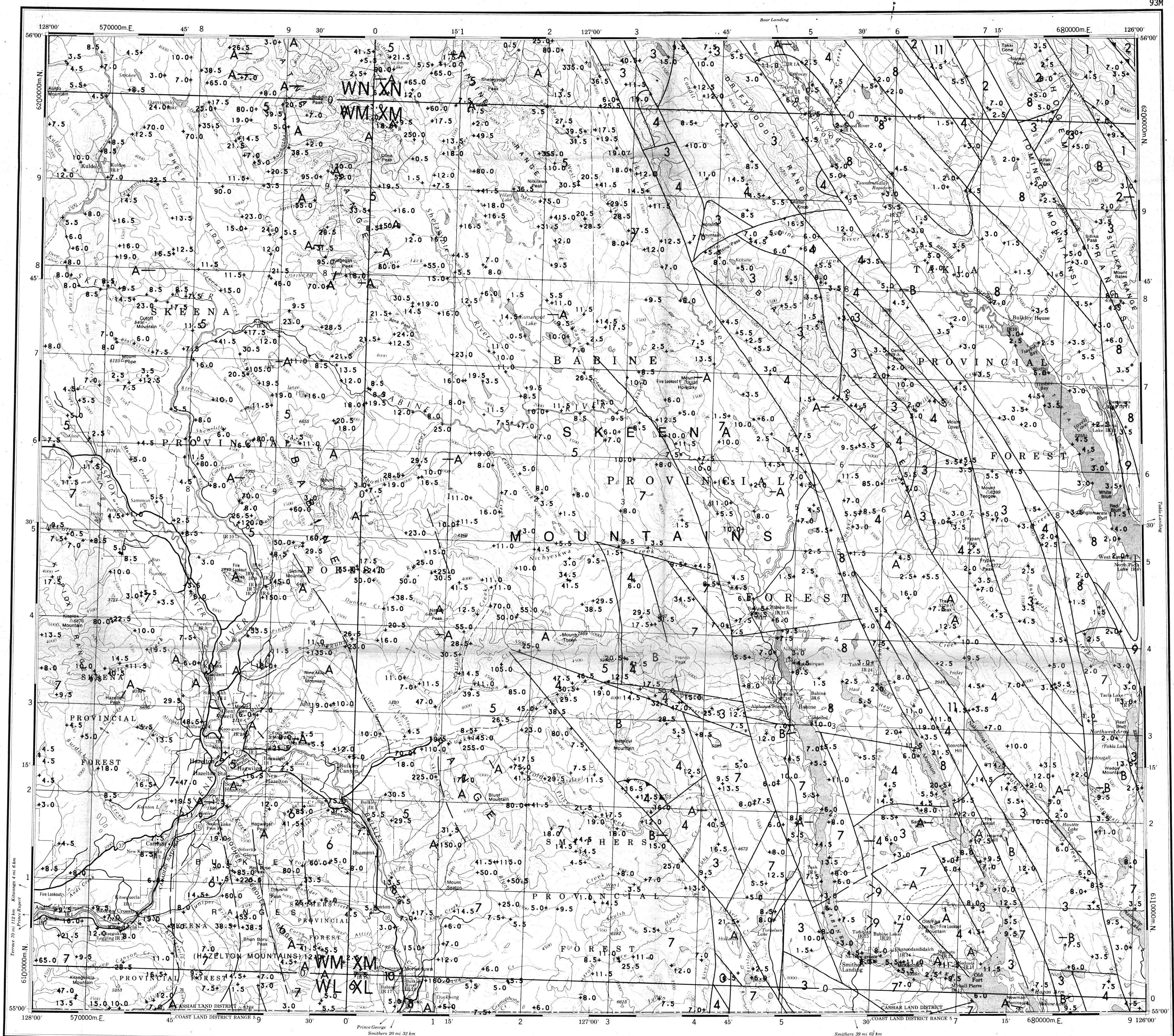
This map forms one of a series of maps released by the Geological Survey of Canada, Open Files 1000 and 1001. The Open File consists of maps of various geochemical variables: 14 for lake sediment, 3 for lake water and 1 sample site location

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
 880 Wellington St.
 Bay 238
 Ottawa, Ontario
 K1R 6K7

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

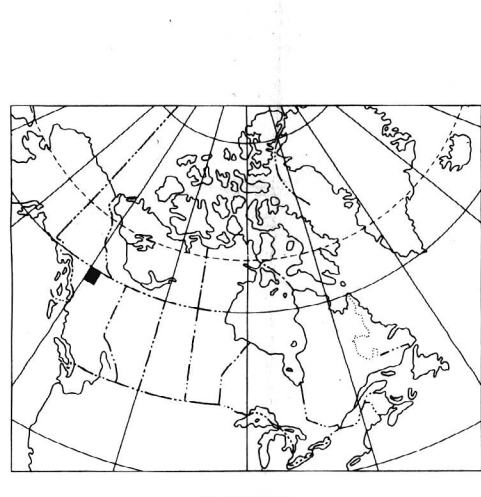
The Director
 Computer Science Center
 Department of Energy, Mines and Resources
 Ottawa, Ontario
 K1A 0E4



LEGEND
 Note: This legend is common for National Geochemical Reconnaissance 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 38) 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] (LSMN 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

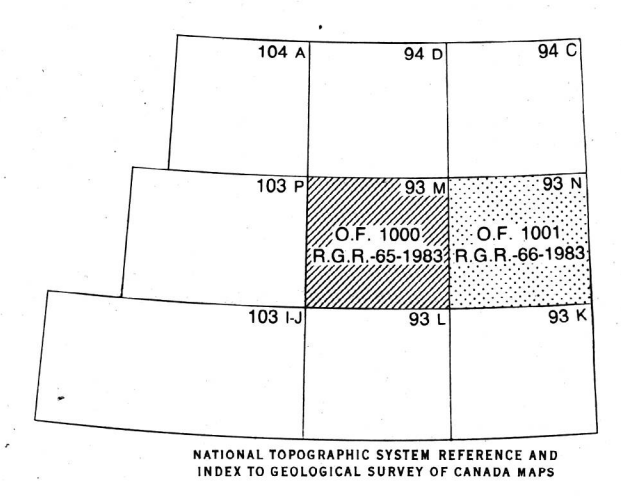
- SYMBOLS**
 GEOLOGICAL BOUNDARY: MAPPED, ASSUMED
 FAULT: MAPPED, ASSUMED
 THRUST FAULT (TEETH ON HANGINGWALL): MAPPED ASSUMED
 ANTICLINE
 SYNCLINE
 STREAM SAMPLE SITE



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

ARSENIC (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
 Kilometres 6 0 6 12 18 Kilometres

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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ARSENIC (ppm)
 GSC OPEN FILE 1000
 CENTRAL BRITISH COLUMBIA