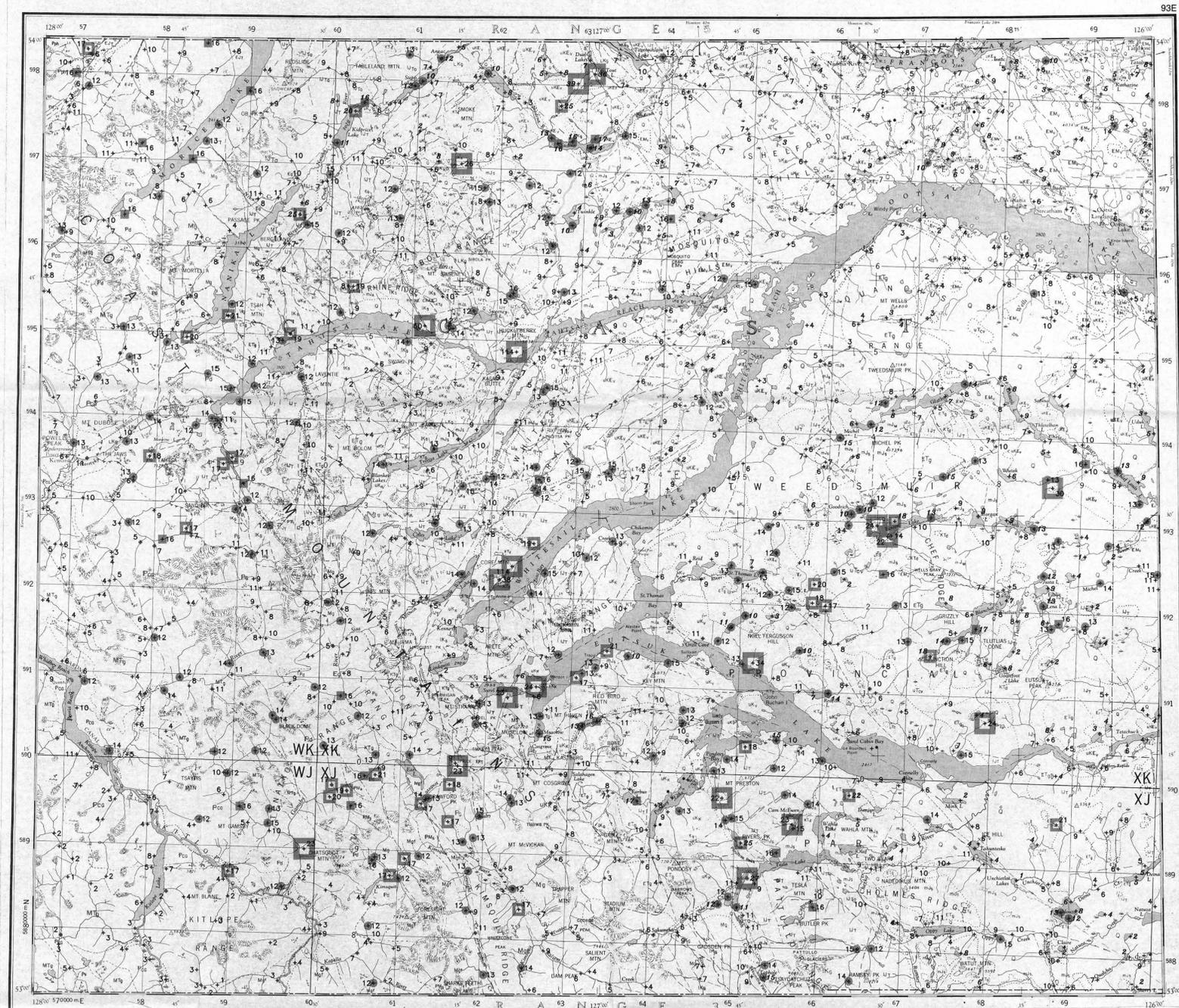
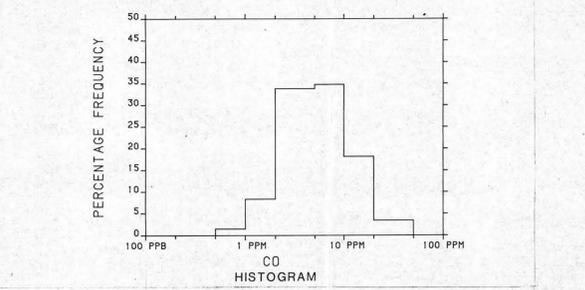
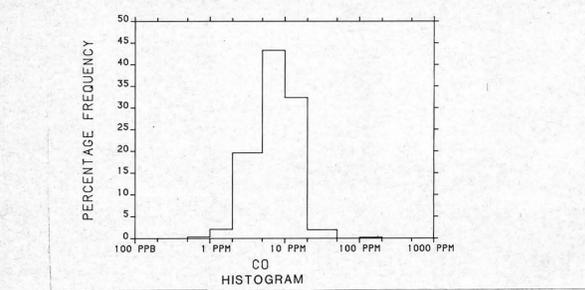
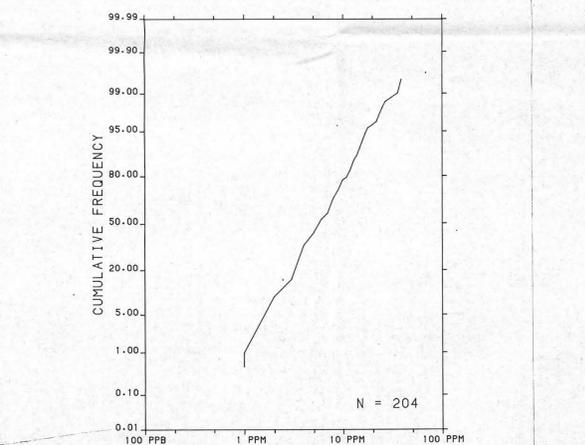
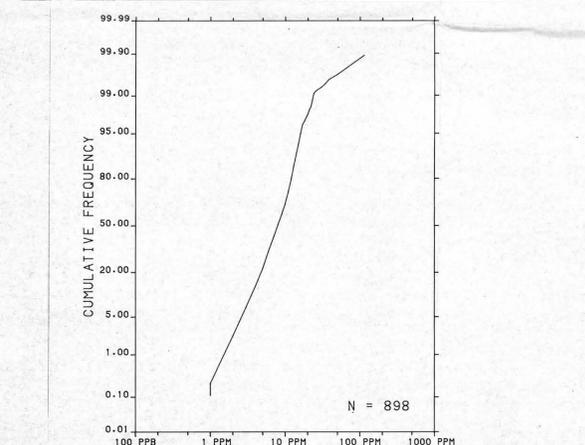


The regional geochemical trend map displayed above utilized a moving weighted average using an inverse distance function (1/d²) to filter out minor irregularities and emphasize broad-scale regional features. Single point anomalies may be suppressed or eliminated, however, geological units which are chemically enriched, or large metallic deposits undergoing weathering would be expected to produce identifiable anomalies.



LEGEND
STRATIFIED ROCKS

QUATERNARY
Pleistocene and Recent
TL (TL 441) Tuff, alluvial and fluvial deposits

TERTIARY
CHILCOTIN GROUP
vfc (BSLT 42) Olivine basalt
vfc (BSLT 42) Plateau basalts; olivine basalt flows; breccia and scoria
vfc (BSLT 42) Basaltic andesite
vfc (BSLT 42) Basaltic andesite, andesite, and tuff
vfc (BSLT 42) Basaltic andesite, andesite, and tuff
vfc (BSLT 42) Basaltic andesite, andesite, and tuff

CRETACEOUS (T) and TERTIARY
GUISA LAKE GROUP
vfc (BSLT 41) Rhyolite, quartz feldspar porphyry
vfc (BSLT 41) Rhyolite and dacite flows; breccia and tuff; minor andesite, basalt and conglomerate
vfc (BSLT 41) Dacite to basaltic volcanics undivided; flows, basalt, and intermediate tuff and breccia
KASASKA GROUP
vfc (BSLT 43) Rhyolite to andesite flows, breccia, tuff, and scoria; minor conglomerate and sandstone
vfc (BSLT 43) Sandstone
vfc (BSLT 38) Micaceous sandstone, siltstone, shale; minor conglomerate
vfc (BSLT 38) Thin bedded andesite to rhyolite flows, tuff, and scoria; minor conglomerate, sandstone and siltstone

JURASSIC
vfc (BSLT 34) AGWA FORMATION: Thin bedded shale, siltstone, sandstone, and conglomerate; thin shales, chert, pebble conglomerate and tuff

LOWER AND MIDDLE JURASSIC
MIDDLE JURASSIC GROUP
vfc (BSLT 34) SNEDECOME FORMATION: Felsophic volcanic sandstone, graywacke, tuff, breccia, tuffaceous sandstone; minor conglomerate, limestone, and flows
vfc (BSLT 34) WESTGATE FORMATION: Rhyolite flows, breccia and tuff; minor siltstone, sandstone
vfc (BSLT 34) RED TUFF MEMBER: Red, maroon, purplish and green breccia and tuff
vfc (BSLT 34) TELKA FORMATION: Impure basaltic to rhyolitic tuff, breccia and flows; lesser volcanic sediments
vfc (BSLT 34) TELKA FORMATION: Light coloured rhyolitic to dacitic breccia and tuff

TRIASIC
vfc (BSLT 32) Green, grey breccia and red tuff of basaltic to andesitic composition; lesser volcanic sandstone, gneiss

PERMIAN AND TRIASSIC
vfc (BSLT 24) Lower Permian limestone, dolomitic limestone with chert nodules, fossiliferous green volcaniclastic; Upper Triassic black shale and calcareous siltstone, limestone-boulder conglomerate

PERMIAN AND/OR OLDER
vfc (BSLT 10) Felsic mafic tuff and volcanogenic sandstone, gneiss, siltstone and schist

PALEOZOIC (?)
GMSBY GROUP
vfc (BSLT 10) Felsic and mafic tuff and volcanogenic sandstone, gneiss, siltstone and schist
vfc (BSLT 10) Quartz feldspar biotite hornblende schist, amphibolite, lesser granitoid breccia, quartz and schist
vfc (BSLT 10) CENTRAL GMSBY COMPLEX
vfc (BSLT 10) Quartzite, gneiss, migmatite, amphibolite, schist

QUATERNARY
vfc (BSLT 10) Thin bedded, matrix-bearing siltstone, sandstone, and conglomerate; minor pebbles, limestone (may also be coded as QED 41)

PALEOZOIC (?)
vfc (BSLT 10) Thin bedded, matrix-bearing siltstone, sandstone, and conglomerate; minor pebbles, limestone (may also be coded as QED 41)

PALEOZOIC (?)
vfc (BSLT 10) Thin bedded, matrix-bearing siltstone, sandstone, and conglomerate; minor pebbles, limestone (may also be coded as QED 41)

COBALT (ppm)
STREAM SEDIMENTS AND LAKE SEDIMENTS
GSC OPEN FILE 1360
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 96-1986
CANADA-BRITISH COLUMBIA
MINERAL DEVELOPMENT AGREEMENT (1985-1989)
STREAM SEDIMENT, LAKE SEDIMENT, AND WATER GEOCHEMISTRY
CENTRAL BRITISH COLUMBIA, 1986
Scale 1:250 000 - Echelle 1/250 000

Elevation in feet above mean sea level

Mean magnetic declination 1987, 24°08' East, decreasing 15.0' annually. Readings vary from 23°40' E in the SE corner to 24°36' E in the NW corner of the map area

Base map at the same scale published by the Mapping and Charting Establishment, Department of National Defence. Streams were revised by the Geological Survey of Canada for this edition

Scale 1:250 000 - Echelle 1/250 000

Universal Transverse Mercator Projection
Projection transverse de Mercator
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CONCENTRATION	FREQUENCY
22 to 114	N = 16 (1.8%)
17 to 21	N = 28 (3.1%)
16	N = 21 (2.3%)
12 to 15	N = 180 (20.0%)
1 to 11	N = 653 (72.7%)

CONCENTRATION	FREQUENCY
26 to 39	N = 3 (1.5%)
18 to 25	N = 7 (3.4%)
16 to 17	N = 7 (3.4%)
10 to 15	N = 38 (18.6%)
1 to 9	N = 149 (73.0%)

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British Columbia, Ministry of Energy, Mines and Petroleum Resources
Geological Survey Branch
and
Geological Survey of Canada
Mineral Resources Division
Exploration Geochemistry Subdivision

Copies of map material and listings of field observations, analytical data and methods, from which the open file was prepared, are available from:
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Energie, Mines et Ressources Canada

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Sediment chemical analyses by Chemex Labs Limited, Vancouver
Water chemical analyses by Bondar Clegg and Company Ltd., Vancouver

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