

LEGEND

Note: This legend is common to National Geochemical Reconnaissance Map 5-1976, Open File 409; Map 6-1976, Open File 410 and Map 7-1976, Open File 411

QUATERNARY

8 Glacial, lacustrine, and fluvialite gravel, sand, silt and clay

TERTIARY

7 Plateau basalts, olivine basalts

6 Volcanic flow rocks with interbedded sedimentary rocks; 6a, conglomerate, sandstone, shale and tuff

5 CORYELL: alkalic plutonic rocks; porphyritic granite and rhyolite

JURASSIC - CRETACEOUS

4 NELSON and VALHALLA: granitic plutonic rocks

JURASSIC

3 Maffic and ultramafic intrusive rocks, pyroxinite, hornblende serpentinite

PALEOZOIC (including UPPER PROTEROZOIC and TRIASSIC)

2 Basaltic and andesitic lavas, greenstone, tuff, quartzite, limestone and argillite; 2a, quartzite, argillite, limestone, slate, schist, phyllite, sandstone and conglomerate

PROTEROZOIC (SHUSWAP TERRANE)

1 Gneiss, minor schist, limestone, marble, dolomite, slate, phyllite; 1a, schist, quartzite, limestone, slate, argillite

Geological contact.....
Fault.....
Dyke.....
Mineral occurrence..... Zn x

Legend modified and geology compiled for the geochemical map by T.E. Kalnins from map 48-1963, by R.B. Campbell and map 12-1964 by J.O. Wheeler

Geological cartography by the Geological Survey of Canada

Base map modified by the Geological Cartography Unit from map published at same scale by Surveys and Mapping Branch, 1965. Additional drainage obtained from Department of Lands, Forests and Water Resources, British Columbia Land Use maps, 1:250,000 scale

Mean magnetic declination 1977, 23°07.2' East decreasing 4.9' annually. Readings vary from 22°30' in the SE corner to 23°45' in the NW corner of the map area

Elevation in feet above mean sea-level

Geological Survey of Canada, Ottawa

Geochemistry and field operations supervised by S.B. Ballantyne
Federal-Provincial coordination by E.H.W. Hornbrook
Analytical chemistry by J.J. Lynch
Data monitoring by R.G. Garrett, N.G. Lund and D.J. Ellwood

British Columbia, Mineral Resources Branch

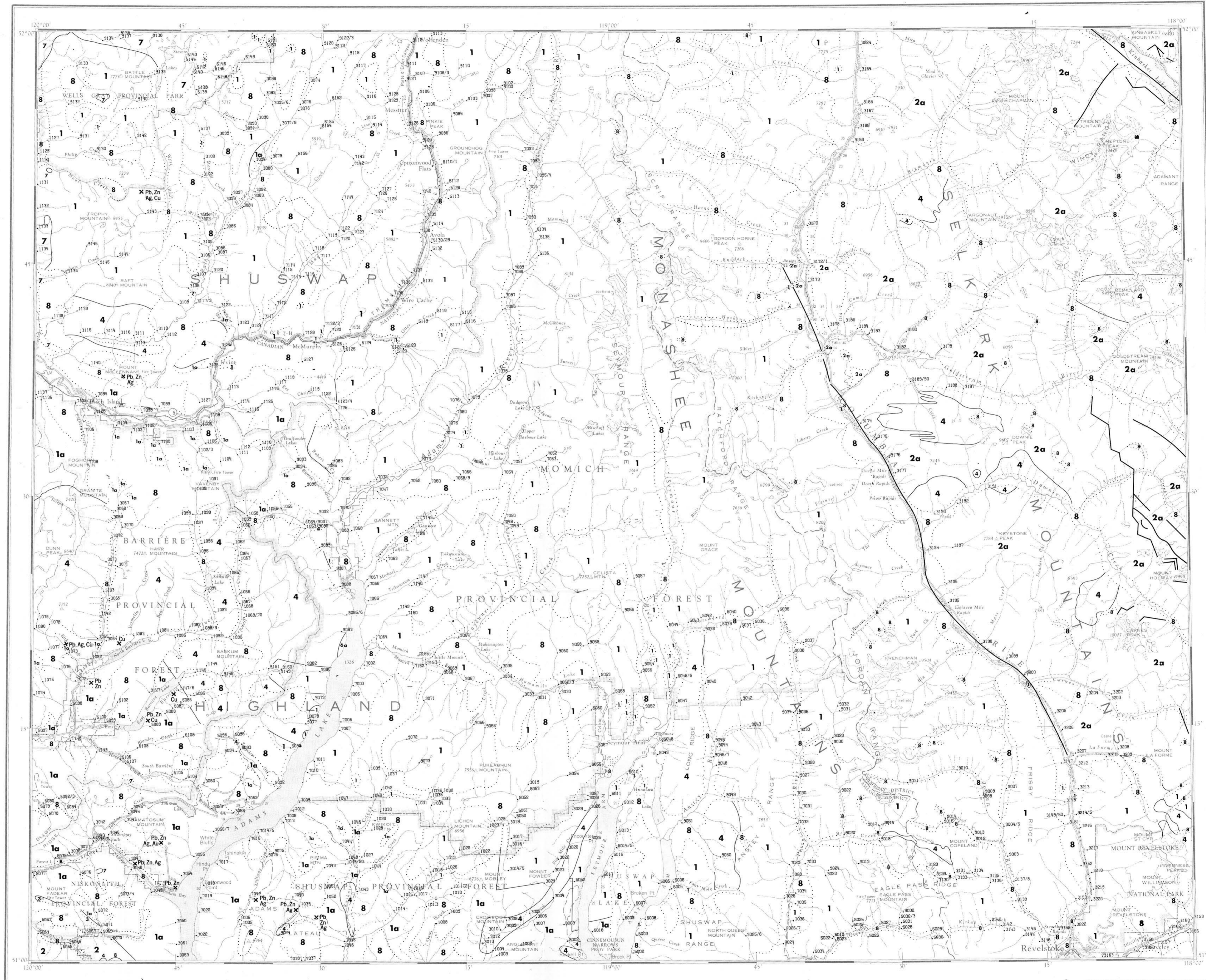
Federal-Provincial coordination by A. Sutherland Brown, N.C. Carter and P.A. Christopher
Field operation assistance by T.E. Kalnins

Contractors
Sample collection staff and vehicles supplied by Stokes
Exploration Management Co. Ltd.
Sample preparation by Golder Associates
Chemical analysis by Chemex Labs Ltd.

This map forms one of a series of 39 sheets released under Geological Survey of Canada, Open Files 409, 410, 411. The Open Files consists of data for 10 elements each for stream sediments, two elements for stream waters and sample site location. The data listing of each Open File includes pH data.

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

The Director,
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Ottawa, Ontario K1A 0E8



INDEX MAP

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 7-1976
SAMPLE LOCATIONS
CANADA-BRITISH COLUMBIA AGREEMENT ON A URANIUM RECONNAISSANCE PROGRAM

Scale 1:250,000

Kilometres 6 0 6 12 18 Kilometres

Miles 4 0 4 8 Miles

Universal Transverse Mercator Projection
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92 P	82 M	82 N
92 Q	82 L	82 K
92 R	82 J	82 I
92 S	82 H	82 G
92 T	82 F	82 E

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 7-1976
OPEN FILE 411
SOUTH EASTERN BRITISH COLUMBIA, 1976
SAMPLE LOCATIONS