

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

NTS MAP 103 I AND WEST HALF OF 103 J
THIRD STATUS EDITION - January 1976

ACCELERATED GEOCHEMICAL SURVEY-1978

SAMPLE LOCATION MAP
RGS-1-1978 (103 I and part of J)

LEGEND

QUATERNARY

6 (TILL 44) ALLUVIUM, SAND, GRAVEL, TILL

UPPER MESOZOIC AND TERTIARY

5 (GRNT 41) COAST PLUTONIC COMPLEX: DIORITE, QUARTZ DIORITE, GRANODIORITE, QUARTZ MONZONITE, LOCALLY PORPHYRYTIC OR GNEISS, MINOR GABBRO, NORITE, AND AMPHIBOLITE

JURASSIC AND CRETACEOUS

4 (SLST 35) SILTSTONE, GREYWACKE, SANDSTONE, CONGLOMERATE, MINOR LIMESTONE AND COAL

TRIASSIC AND JURASSIC

3 (MYCC 33) METAVOLCANIC ROCKS: GREEN, RED, AND PURPLE BRECCIAS, TUFFS, PILLOW LAVA, VOLCANIC, SEDIMENTARY, AND SCHISTOSE ROCKS

2 (MSDM 33) METASEDIMENTARY ROCKS OF THE ALMANDINE AMPHIBOLITE GNEISS FACIES, AND THE GREENSCHIST FACIES INCLUDING PHYLLITE, SLATE, CHLORITE, SERICITE, BIOTITE, GARNET, AND GRAPHITIC SCHISTS

UPPER PALEOZOIC AND OLDER

1 (GNSS 10) GRADATIONAL MIGMATITIC, DIORITIC, AND AMPHIBOLITIC GNEISS COMPLEX

SYMBOLS

GEOLOGICAL BOUNDARY

FAULT

STREAM SITE

MINERAL DEPOSITS AND PROSPECTS

Generalized geology derived from Geological Survey of Canada, Paper 66-33 and British Columbia Ministry of Energy, Mines and Petroleum Resources, Preliminary Map No. 8 for grouping of geochemical data based on rock type. A four-letter mnemonic name indicates the rock type and a two-digit number indicates its age (see accompanying text of analytical data for key).

For locations of mineral occurrences in this area, refer to British Columbia Ministry of Energy, Mines and Petroleum Resources, Mineral Inventory Map 103I-J (MII).

These data are released by the British Columbia Ministry of Energy, Mines and Petroleum Resources through the Accelerated Mineral Development Program, Accelerated Geochemical Survey, funded by Bill 5, the Revenue Surplus of 1976/77 Appropriation Act, 1978.

Geological Division
Mineral Resources Branch
Ministry of Energy, Mines and Petroleum Resources

CONTRACTORS

Sample collection by SEMCO Ltd.
Sample preparation by MIN-EN Laboratories Ltd.
Uranium in sediment chemical analysis by NOVATRACK Analysts Limited
Other sediment chemical analyses by CHEMEX Labs Ltd.
Water chemical analyses by BONDAR-CLEGG and Company Ltd.
Data processing by Geological Survey of Canada, Resource Geophysics and Geochemistry Division

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GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA

PRINCE RUPERT - TERRACE

BRITISH COLUMBIA

COAST LAND DISTRICT RANGE 5

Scale 1:250 000

(1 Centimetre = 2.5 Kilometres)

(1 Inch = 4 Miles approximately)

Magnetic Declination approximately 26°45' East at centre of map, 1976
Decreasing approximately 3' annually.
Universal Transverse Mercator Projection

