

# NATIONAL GEOCHEMICAL RECONNAISSANCE REGIONAL GEOCHEMICAL SURVEY ~1981

SAMPLE LOCATION MAP

BC RGS-8-1981 (921)

LEGEND

## QUATERNARY

## PLEISTOCENE TO RECENT

**10** (TILL 44) TILL, GRAVEL, SILT, CLAY

## TERTIARY

## MIOCENE AND/OR PLIOCENE

**9** (BSLT 42) VALLEY BASALT, MAINLY VESICULAR BASALT

## EOCENE TO OLIGOCENE

**8** (DCIT 42) KAMLOOPS GROUP: DACITE, TRACHYTE, BASALT, ANDESITE, RHYOLITE, RELATED BRECCIA; COLDWATER AND TRANQUILLE BEDS: CONGLOMERATE, SANDSTONE, SHALE

## MESOZOIC

## CRETACEOUS

**7** (ANDS 36) KINGSVALE GROUP; SPENCES BRIDGE GROUP: VARICOLOURED ANDESITIC, BASALTIC, AND ACIDIC PYROCLASTIC AND FLOW ROCKS

## TRIASSIC TO CRETACEOUS

**6** (CGLM 30) JACKASS MOUNTAIN GROUP; LILLOOET GROUP; BREW GROUP: CONGLOMERATE, GREYWACKE, SANDSTONE, SILTSTONE, SHALE

## TRIASSIC

**5** (ANDS 32) NICOLA GROUP: ANDESITE, BASALT, GREYWACKE, AGGLOMERATE, BRECCIA; MINOR AMOUNTS OF ARGILLITE, LIMESTONE, AND CONGLOMERATE

## MESOZOIC TO PALEOZOIC

**4** (SCST 31) SCHIST, GNEISS, PHYLLITE, QUARTZITE, ARGILLITE

## PALEOZOIC

## PERMIAN

**3** (GRNS 24) CACHE CREEK GROUP: GREENSTONE, CHERT, ARGILLITE**2** (LMSN 24) MARBLE CANYON FORMATION: LIMESTONE**1** (ARGL 10) SHUSWAP TERRANE: ARGILLITE, QUARTZITE; MINOR AMOUNTS OF SCHIST, SHEARED CONGLOMERATE AND BRECCIA, LIMESTONE

## PLUTONIC ROCKS

## MESOZOIC AND YOUNGER

**A** (GRNT 41) GUICHON CREEK BATHOLITH; MOUNT LYTTON BATHOLITH; COAST INTRUSIONS AND SIMILAR GRANITIC ROCKS: GRANITE, QUARTZ MONZONITE AND GRANO-DIORITE, QUARTZ DIORITE AND DIORITE, FELDSPAR PORPHYRY; MINOR AMOUNTS OF PEGMATITE AND APLITE**B** (SRPM 41) SERPENTINITE AND SIMILAR ULTRAMAFIC ROCKS

## SYMBOLS

GEOLOGICAL BOUNDARY .....

NORMAL FAULT .....

THRUST FAULT .....

STREAM SAMPLE SITE .....

## MINERAL DEPOSITS AND PROSPECTS

Generalized geology after Geological Survey of Canada, Memoir 249 (Geology and Mineral Deposits of Nicola Map-area, 1948, by W. E. Cockfield) and Memoir 262 (Ashcroft Map-area, British Columbia, 1952, by S. Duffell and K. C. McTaggart) used to determine dominant catchment basin rock type for grouping of geochemical data. The four-letter mnemonic name indicates rock type and the two-digit number indicates age.

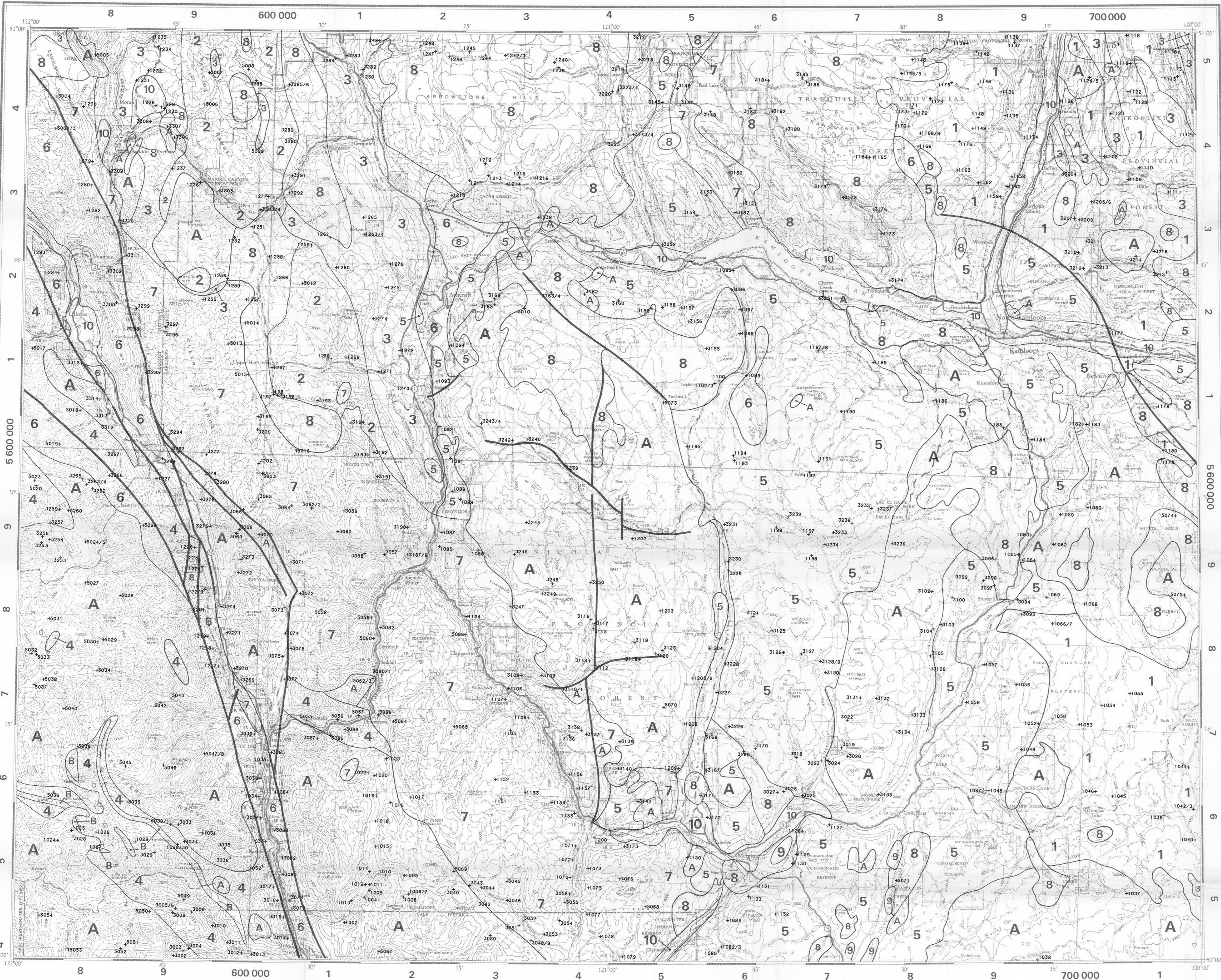
For location of mineral occurrences in this area, refer to British Columbia Ministry of Energy, Mines and Petroleum Resources, Mineral Inventory (MI) Map 921 (Ashcroft).

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

Technical Assistance and Data Processing by  
Geological Survey of Canada  
Resource Geochemistry Subdivision

## CONTRACTORS

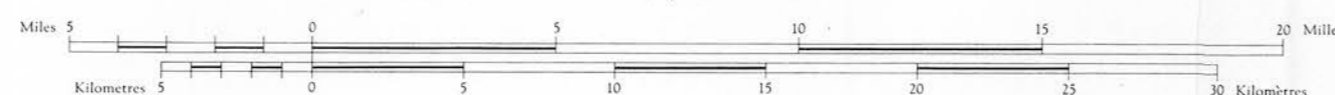
Sample collection by Rooi Enterprises Ltd.  
Sample preparation by Kamloops Research and Assay Laboratory Ltd.  
Uranium (in sediment) analyses by Novatrack Analysts Limited  
Other sediment chemical analyses by Chemex Labs. Ltd.  
Water chemical analyses by Bondar-Clegg & Company Ltd.



## ASHCROFT BRITISH COLUMBIA

WEST OF SIXTH MERIDIAN - OUEST DU SIXIÈME MÉRIDIEN

Scale 1:250,000 Échelle



This document was produced  
by scanning the original publication.

Ce document est le produit d'une  
numérisation par balayage  
de la publication originale.