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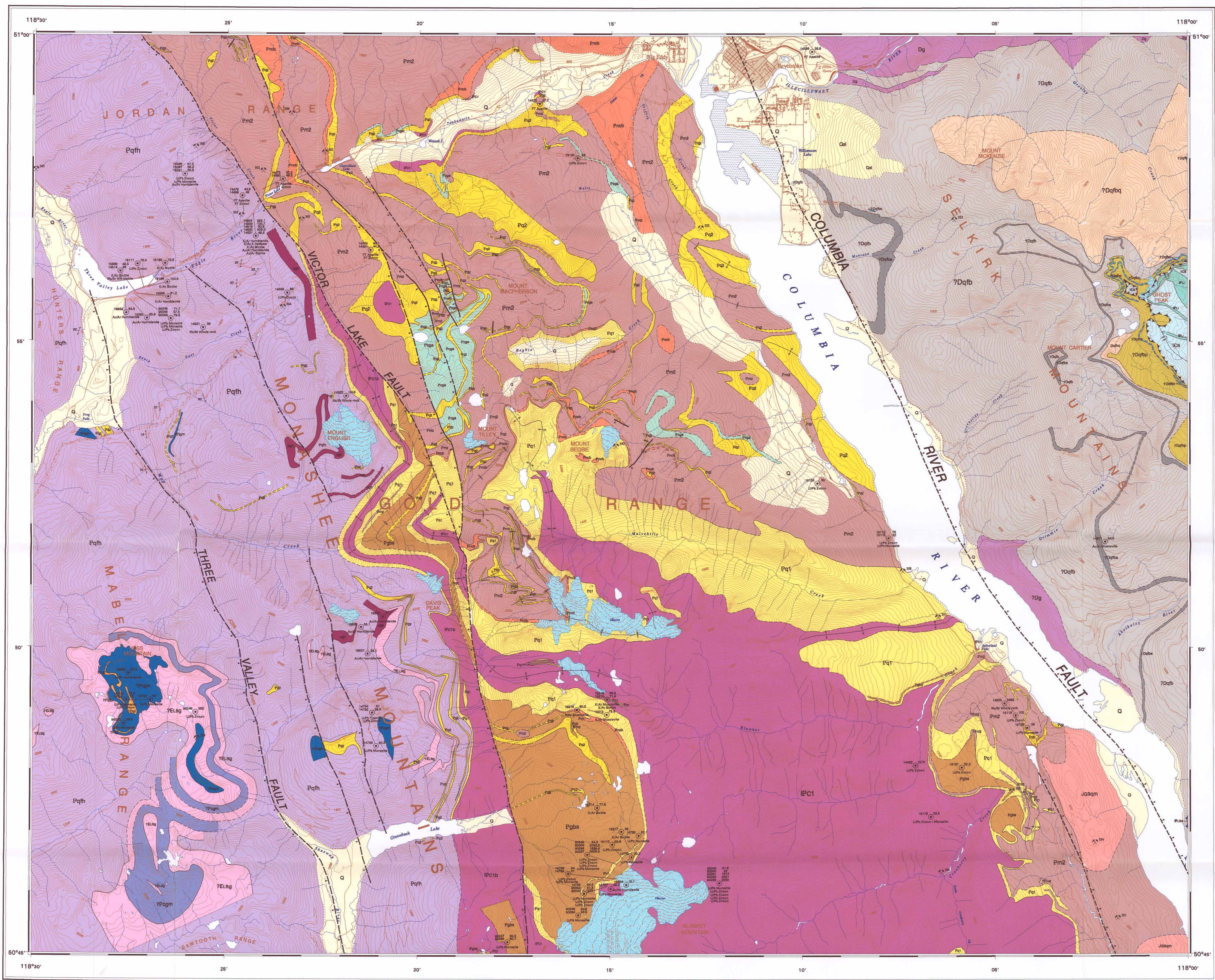
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MINERAL OCCURRENCE INDEX

MINFILE NO.	NAME	COMMODITY
082LN004	VICTOR LAKE NORTH	RS, KY
082LN011	VIC	CU
082LN015	CLANWILLIAM LAKE	SI
082LN045	GRIFFIN LAKE	GM
082LN017	VICTOR LAKE QUARTZITE	SI
082LN018	THREE GYS	KT, RS
082LN039	VICTOR LAKE	SI, KY
082LN031	MOUNT MACKENZIE	KY
082LN025	REVELSTOCK	FS, DS, BS, AT
082LN029	THREE VALLEY GAP	RS
082LN015	MOUNT BIEGIE	GS, SY
082LN038	MELVILLE	TR, NS, SI
082LN007	KAREN	RS, TH
082LN001	W.P.L.	CU, AU, AG
082LN009	CAMERON (JENKINS 1)	TR, UR
082LN003	CRAN 2	UR
082LN005	CAMERON (JENKINS 2)	TR, UR
082LN000	CRAN 3	UR

Sources: British Columbia Ministry of Energy and Mines, MINFILE database available at: <http://www.em.gov.bc.ca/crm/minfile/40d.cfm>



LEGEND

- QUATERNARY**
PLEISTOCENE AND HOLOCENE
- Qal Slide
 - Q Unconsolidated sediments: glacial deposits, colluvium and alluvium; few if any outcrops; probable subunit within parentheses.
- Mesozoic**
JURASSIC
- JGqgm Diorite, quartz-monzonite.
- Paleozoic or older**
- Dg Description to be supplied later.
- Paleozoic DEVONIAN (and CARBONIFEROUS?)**
- Dg Granodiorite, diorite, granite; weakly to strongly foliated.
- SILVER CREEK FORMATION**
- Dqtb Biotite-muscovite-garnet schist/black, carbonaceous schist; micaceous quartzite, quartzite; minor marble.
- Dm Marble.**
- Dqtbq Orthoquartzite, micaceous quartzite, pelitic quartzite (psammite).
- CAMBRIAN AND (OR) ORDOVICIAN**
LARDEAU GROUP
BROADVIEW FORMATION
- IPLBs Grey and green phyllite gneiss and phyllite. (units Bc and Bb of Read).
- INDEX FORMATION**
INDEX FORMATION: Grey and light green phyllite, minor phyllite laminae and quartz gneiss (units 3, 3a, and 3b of Read) (unit 3a of Fyles, Duncan & Lyle (1974) of Warren).
- LOWER CAMBRIAN**
BASKINOT-MICHAN FORMATION
- ICB Tan or grey marble, dolomitic marble and minor calcareous or dolomitic schist.
- Paleo- and (or) Mesoproterozoic**
MONASHEE COMPLEX
COVER SEQUENCE
- Pqth Tanish schist; biotite-quartz-feldspar schist (with or without sillimanite, garnet); feldspar-quartz-tremolite schist (with or without biotite); amphibolite; calc-silicate gneiss; micaceous quartzite (map units M and P of Reesor and Moore, 1971).
 - Pqbs Sillimanite garnet biotite schist; calc-silicate gneiss with minor layers of marble; minor biotite-quartz-feldspar paragneiss (unit M6 of Reesor and Moore, 1971).
 - Pncbc Biotite-bearing calc-silicate gneiss, biotite-quartz-feldspar schist.
 - Pqga Calc-silicate gneiss: Light grey, and rusty brown, massive, calc-silicate gneiss; coarse crystalline white to brown marble, amphibolite schist and amphibolites (units M5a, M5b and M7 of Reesor and Moore, 1971).
 - Pqgm Marble (unit M7 of Reesor and Moore, 1971).
 - Pq2 Quartzite; sillimanite garnet biotite schist; biotite quartz feldspar paragneiss (unit M3b of Reesor and Moore, 1971).
 - Pm2 Biotite-quartz-feldspar paragneiss characterized by lenses and boudins of garnetiferous amphibolite; extensive lenticular masses of psammite.
 - Pq1 Quartzite (unit M2a of Reesor and Moore, 1971).
- Paleoproterozoic**
MONASHEE COMPLEX
CORE GNEISS
- pPC1 Layered gneisses
 - pPC1b Biotite-quartz-feldspar gneiss characterized by marked differentiation of biotite-rich and quartz-feldspar-rich layers. see column 'indent 0'

- SYMBOLS**
- Cleavage foliation: inclined, horizontal, vertical
 - Outcrop
 - Fossil locality
 - Geochronology sample location
 - Mineral Occurrence
 - Geological contact: defined, approximate, assumed
 - Geological contact (interpreted by compiler)
 - Geological boundary: national (no geological control)
 - Quaternary limit
 - Fault, contraction (both indicate upthrust side)
 - Fault, contraction (interpreted by compiler)
 - Normal fault: defined, approximate, assumed
 - Syncline: upright, overturned, plunging
 - Anticline: upright, overturned, plunging

OPEN FILE DOSSIER PUBLIC 4385

Les données publiées sont des produits de la carte géologique de la région de Revelstoke, BC.

2004

SHEET 1 OF 1
FEUILLET 1 DE 1



OPEN FILE 4385
GEOLOGY
REVELSTOKE
BRITISH COLUMBIA

Geology by J.G. Wheeler, 1967-68; R.L. Thompson, 1969-70; P.B. Read, 1978-80; R.N. Spark, 1993-95; D.H. Johnston, 1995-97.

Geological compilation by R.L. Thompson, 2001

Co-ordinated by R.L. Thompson through the auspices of the Ancient Pacific Margin NATMAP project

Digital cartography by R.F. MacLeod, Geological Survey of Canada, Pacific Division

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Scale 1:50 000 / Échelle 1/50 000

Universal Transverse Mercator Projection
North American Datum 1983
© Her Majesty the Queen in Right of Canada 2004

Projection transversale universelle de Mercator
Système de référence géodésique nord-américain, 1983
© Sa Majesté la Reine du chef du Canada 2004

Digital base map from data compiled by Geomatics Canada, modified by the Geoscience Information Division

Mean magnetic declination 2004, 18°22'E, decreasing 0.6' annually.

Elevations in metres above mean sea level
Contour interval 40 metres

Universal Transverse Mercator Grid
North American Datum 1983
Zone 11

82002	82001	82004
82115	82116	82013
OF 4384	OF 4385	OF 4388
82119	82120	82012
OF 4379	OF 4378	OF 4387

Recommended citation:
Thompson, R.L. (compiler)
2004. Geology, Revelstoke, British Columbia; Geological Survey of Canada, Open File 4385, scale 1:50 000.