Natural Resources Canada / Ressources naturelles Canada

GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA

TGI3 Cordillera / GC Cordillère

REFERENCES

Reesor, J.E. (Compiler)
1996: Geology, Kootenay Lake, British Columbia. Geological Survey of Canada, Map 1864A, scale 1:100,000.

Reesor, J.E.
1973: Geology of the Lardeau map-area, east-half, British Columbia. Geological Survey of Canada, Memoir 369, 129p.

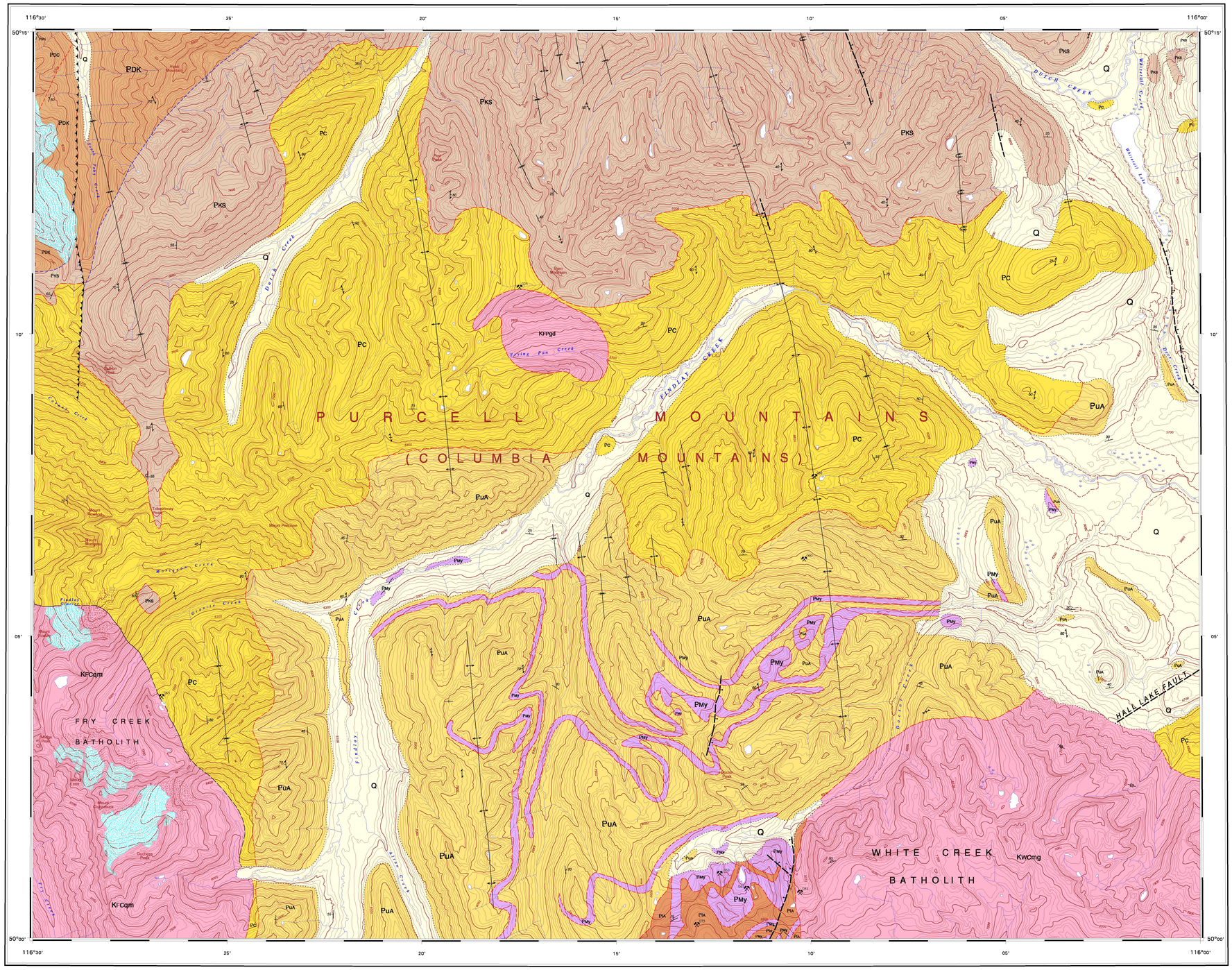
Root, K.G.
1987: Geology of the Delphine Creek area, southeastern British Columbia: Implications for the Proterozoic and Paleozoic development of the Cordilleran divergent margin. Unpublished PhD thesis, University of Calgary, Alberta, Canada, 446p.

MINERAL OCCURRENCE INDEX

MINFILENO	NAME	COMMODITY*
082KSE025	BARN	CU,WO,MO,PB
082KSE041	ST. ANTHONY	AG,PB,ZN,CU
082KSE053	SILVER KEY	AG,ZN,PB,CU
082KSE060	DOC	AG,PB,ZN,CU
082KSE063	ECHO LAKE	WO,ZN,PB
082KSE065	IMP	MO
082KSE075	PICO	WO
082KSE081	ROCKY TOP	PB,ZN,AG

* Abbreviations for commodities: AG – silver; CU – copper; MO – molybdenum; PB – lead; WO – tungsten; ZN – zinc

Source: British Columbia Ministry of Energy and Mines, MINFILE database available at: http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/



LEGEND

Cenozoic
QUATERNARY
PLEISTOCENE AND RECENT

Q — *Unconsolidated sediments; glacial deposits, colluvium and alluvium; few if any outcrops; probable subcrop unit within parentheses*

CRETACEOUS

KFcqm — *FRY CREEK BATHOLITH: Quartz monzonite, granodiorite, leucomonzogranite; biotite monzogranite*

KWcmg — *WHITE CREEK BATHOLITH: Biotite monzogranite with megacrysts of potassium feldspar; aplite and pegmatite*

KFPgd — *FRYING PAN CREEK STOCK: Granodiorite*

?Neoproterozoic

PMN — *MOUNT NELSON FORMATION undivided: Argillite, calcareous argillite, quartzite, argillaceous quartzite (correlated with Windermere Supergroup based on Root, 1987)*

Mesoproterozoic
PURCELL SUPERGROUP

PDK — *DUTCH CREEK AND KITCHENER-SIYEH FORMATIONS undivided*

PDC — *DUTCH CREEK FORMATION undivided: Argillite, sandstone, dolomite*

PKS — *KITCHENER-SIYEH FORMATION: Laminated, buff-weathering, dolomitic and calcareous argillite and quartzite, green and black argillite; grey and pink quartzite; minor purple argillite*

PC — *CRESTON FORMATION: Massive and laminated, green and grey weathering, green and grey argillaceous quartzite and quartzite, green argillite*

PMy — *MOYIE INTRUSIONS (~1.47 Ga): Meta-quartz diorite and diorite*

PuA — *ALDRIDGE FORMATION (Upper Division): Grey quartzite with partings of black argillite; thin-bedded, argillaceous quartzite and argillite*

PlA — *ALDRIDGE FORMATION (Lower Division): Thin-bedded, rusty-weathering, light grey quartzite, argillaceous quartzite*

SYMBOLS

Foliation (unclassified): inclined, horizontal, vertical
Bedding: inclined, horizontal, vertical, overturned
Igneous layering: inclined, horizontal, vertical
Mineral Occurrence — *Abandoned mine*
Geological boundary (from Root, 1978): defined, approximate, assumed
Geological boundary (from Reesor, 1973): defined, approximate, assumed
Geological boundary (interpreted by compiler): defined, approximate, assumed
Quaternary limit
Fault, contraction (teeth indicate upthrust side): defined, approximate, assumed
Fault, extension (solid circles on downthrown side): defined, approximate, assumed
Fault, unclassified: defined, approximate, assumed
Syncline: upright, overturned, plunging
Anticline: upright, overturned, plunging

LOCATION MAP

Compilers: R.I. Thompson and P. Dhesi

Geology by J.E Reesor, 1953 - 1957

Geological compilation by R.I. Thompson, 2002

Co-ordinated by R.I. Thompson (through the auspices of the Targeted Geoscience Initiative 3 (TGI-3))

Digital cartography by P. Dhesi, 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

OPEN FILE 6189

GEOLOGY

FINDLAY CREEK

BRITISH COLUMBIA

Scale 1:50 000/Échelle 1/50 000

kilomètres 1 0 1 2 3 4 kilomètres

Universal Transverse Mercator Projection
North American Datum 1983

Projection transverse universelle de Mercator
Système de référence géodésique nord-américain, 1983

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Digital base map from data compiled by Geomatics Canada, modified by the Geological Survey of Canada - Pacific Division

Mean magnetic declination 2009, 16°18'E, increasing 13' annually.

Elevations in feet above mean sea level
Contour interval 100 foot

Universal Transverse Mercator Grid
North American Datum 1983
Zone 11

82 K/7 OF 6183	82 K/8	82 J/5
82 K/2 OF 6188	82 K/1 OF 6189	82 J/4
82 I/15	82 I/16	82 G/13

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE

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2009

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2009: Geology, Findlay Creek, British Columbia; Geological Survey of Canada, Open File 6189, scale 1:50 000.

Note: This map does not include mapping done after Reesor, 1973

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