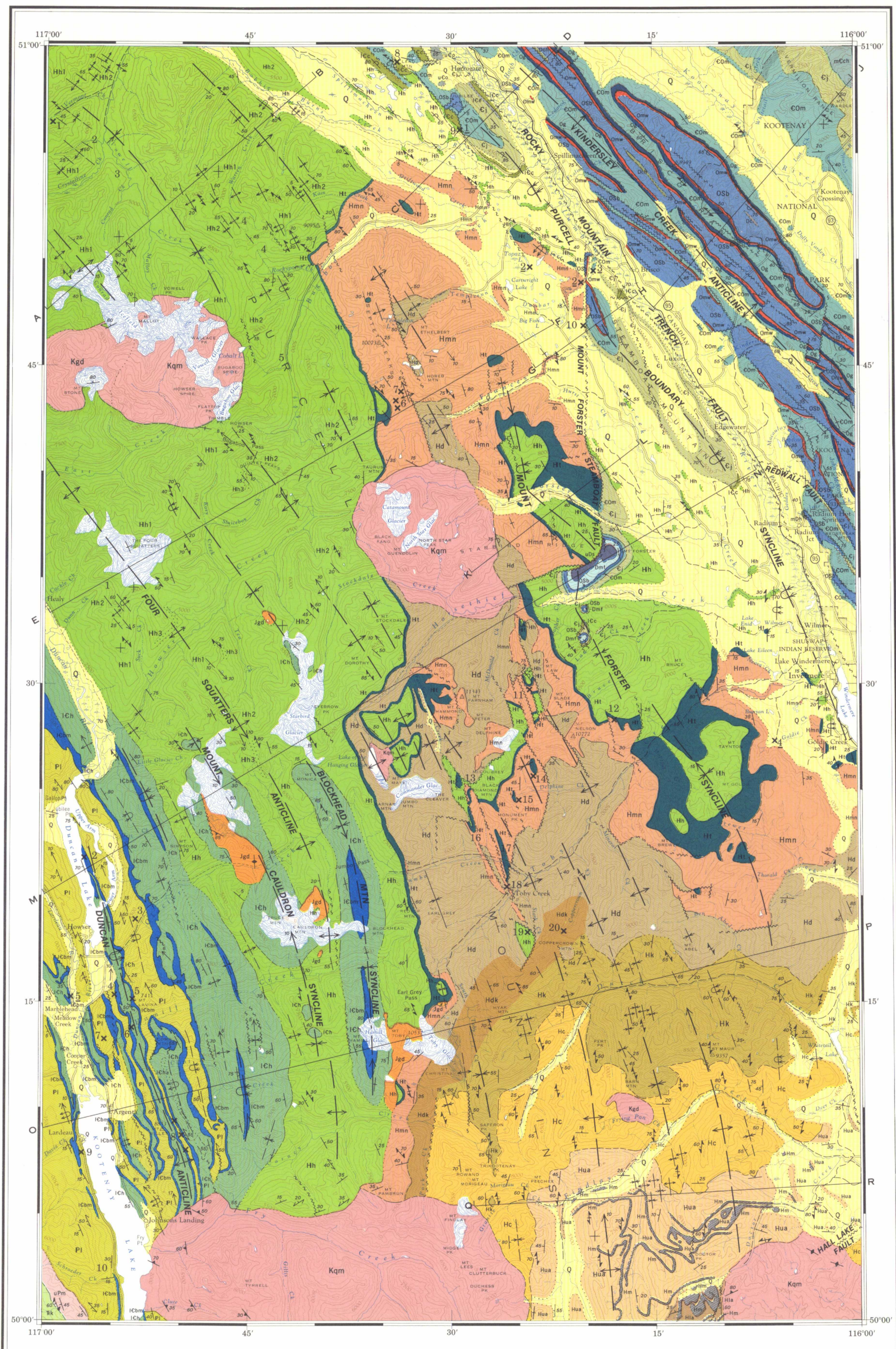
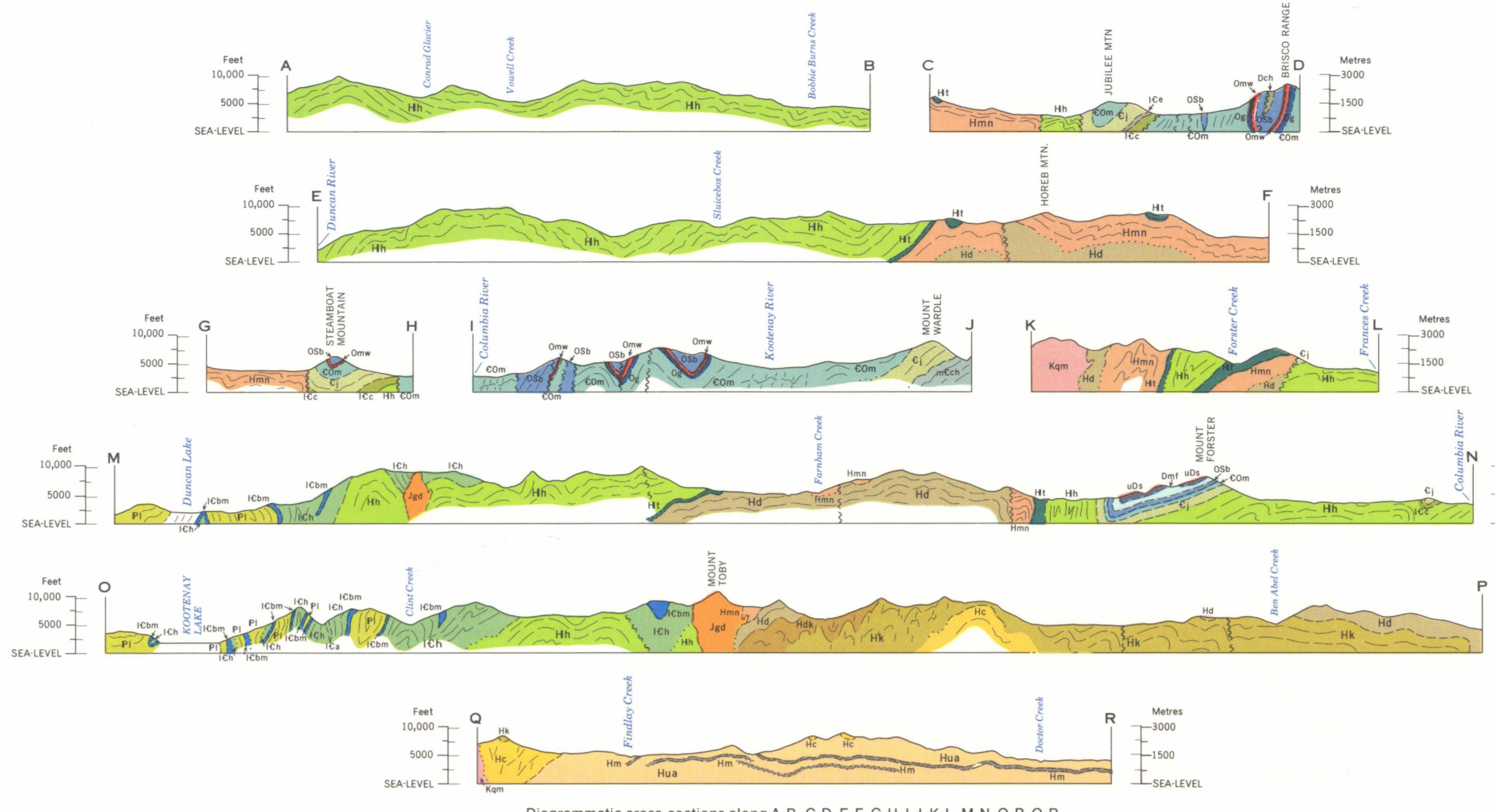




LEGEND

CENOZOIC	QUATERNARY	UNCONSOLIDATED SEDIMENTS: silt, sand, gravel	Q
	CRETACEOUS	Quartz monzonite Granodiorite	Kgm Kgd
MESOZOIC	JURASSIC	Granodiorite	Jgd
	TRIASSIC	KASLO GROUP Volcanic rocks	Kk
PALEOZOIC	CARBONIFEROUS AND PERMIAN	MILFORD GROUP Slate and silty slate, limestone and chert	uPm
	PRE-MISSISSIPPIAN	LARDEAU GROUP Chlorite-muscovite-quartz schist, biotite-muscovite schist, micaceous quartzite, and tremolite marble; chlorite-feldspar green schists; much garnet, staurolite and rare kyanite in some pelitic schists	Pl
PROTEROZOIC	WESTERN PURCELL AND SELKIRK MOUNTAINS		
	BRISCO RANGE		
	DEVONIAN MIDDLE DEVONIAN	HARROGATE FORMATION: nodular grey limestone and grey calcareous shale	mDh
	DEVONIAN	CEDARED FORMATION: red quartz sandstone, quartz-bearing limestone, dolomite and quartzite	Dc
	DEVONIAN	CEDARED and HARROGATE FORMATIONS: undivided	Dch
	DEVONIAN UPPER DEVONIAN	STARBIRD FORMATION: grey limestone and gritty limestone	uDs
	DEVONIAN	MOUNT FORSTER FORMATION: bright red and green argillite; brown weathering limestone	Dmf
	DEVONIAN		
	DEVONIAN		
	DEVONIAN		
PROTEROZOIC	EASTERN PURCELL, BRISCO, AND VERMILION RANGES		
	ORDOVICIAN AND SILURIAN	BEAVERFOOT FORMATION: massive, light grey weathering dolomite and dolomitic limestone	OSb
	ORDOVICIAN	MOUNT WILSON (WONAH) QUARTZITE: white orthoquartzite; brown weathering, crumbly quartz sandstone	OmW
	ORDOVICIAN	GLENOGLE SHALES: black, fissile shale; brown argillaceous sandstone	Og
	CAMBRIAN AND ORDOVICIAN	MCKAY GROUP Blue-grey limestone, argillaceous limestone, dark shale; intra-formational limestone conglomerate	COm
	CAMBRIAN UPPER CAMBRIAN	'OLENUS' STRATA: blue-grey limestone and grey shale	uCo
	MIDDLE AND/OR UPPER CAMBRIAN	JUBILEE (OTTERTAIL) FORMATION: thinly laminated and massive dolomite; in Vermilion Range massive limestone and dolomitic limestone	Cj
	MIDDLE CAMBRIAN	CHANCELLOR GROUP Reddish brown and grey shale, grey limestone	mCh
	LOWER CAMBRIAN	EAGER (DONALD) FORMATION: buff weathering, gritty limestone, purple and green argillite; minor black limestone	ICe
	LOWER CAMBRIAN	CRANBROOK (GOG) FORMATION: crossbedded white and purple quartzite and grit; minor pebbly quartzite, arenaceous purple shale	ICc
PROTEROZOIC	PURCELL MOUNTAINS		
	WINDERMERE (HADRYNIAN)	HORSETHIEF CREEK GROUP Grey, black, and green slate and argillite, quartz pebble conglomerate, quartzite, feldspathic quartzite and grit; red slate and arenaceous slate; minor blue-grey and black limestone; equivalent mica schist, schistose quartzite and grit, as well as marble in the more metamorphosed zones in the southwest part of the map-area; H1, slates dominant; H2, pebble conglomerate, grit, and quartzite are dominant; H3, limestone and slate	Hh
	WINDERMERE (HADRYNIAN)	TOBY FORMATION: pebble, cobble, and boulder polymictic conglomerate and breccia (matrix variously of quartzite, argillite, and limestone)	Ht
	PURCELL (HELIKIAN)	MOYIE INTRUSIONS: meta-quartz diorite and diorite	Hm
	PURCELL (HELIKIAN)	MOUNT NELSON FORMATION: buff weathering grey, cream and purple dolomite and dolomitic limestone, purple, grey and black argillite and slate; white quartzite	Hmn
	PURCELL (HELIKIAN)	DUTCH CREEK FORMATION: grey, green and black argillite and slate, buff dolomitic slate; thin-bedded, buff weathering dolomite, green, argillaceous quartzite	Hd
	PURCELL (HELIKIAN)	KITCHENER-SIYEH FORMATION: laminated, buff weathering, dolomitic and calcareous argillite and quartzite; green and black argillite; grey and pink quartzite; minor purple argillite	Hk
	PURCELL (HELIKIAN)	CRESTON FORMATION: massive and laminated, green and grey weathering, green and grey argillaceous quartzite and quartzite, green argillite	Hc
	PURCELL (HELIKIAN)	ALDRIDGE FORMATION Upper Division: grey quartzite with partings of black argillite; thin-bedded, argillaceous quartzite and argillite	Hua
	PURCELL (HELIKIAN)	Lower Division: thin-bedded, rusty weathering, light grey quartzite and argillaceous quartzite	Hla
PROTEROZOIC	PURCELL (HELIKIAN)	BADSHOT-MOHICAN FORMATION: marble, phyllite, muscovite-quartz schist	ICm
	PURCELL (HELIKIAN)	HAMILL GROUP White, pure green, and grey quartzite and micaceous quartzite; dark slate, phyllite, and mica schist; some pebbly and feldspathic quartzite; ICa, amphibolite	ICa ICha
	PURCELL (HELIKIAN)		
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	PURCELL (HELIKIAN)		
	PURCELL (HELIKIAN)		



LOCATION OF MINERAL PROPERTIES
 X (Symbol indicates accurate location; number only, approximate location)

NORTHEASTERN ZONE (east of Purcell divide)

- Ruth Vermont (Ag, Pb, Zn)
- Atlas (Ag, Pb, Zn)
- FE, HIL, etc. (Au, Ag, Pb, Zn)
- Rocky Point-Warren Creeks (Cu)
- Bugaboo Placer (uranium, columbium)
- Lead Queen (Ag, Pb)
- Steele Group (Ag, Pb)
- Lead Mountain (Pb, Zn)
- Silver Giant (Pb, Zn)
- Jersey (Cu)
- Plarmigan (Ag)
- Paradise (Ag, Pb, Zn)
- Tatler, Great Northern, Copper King (Au, Ag, Pb, Zn, Cu)
- Delphine (Ag, Pb)
- Hot Punch (Ag, Pb, Zn)
- Lisa A
- Jumbo
- Mineral King (Ag, Pb, Zn, Cu, Cd, barite)
- Red Ledge (Ag, Pb, Zn)
- Melody (Silver spray) (Ag, Pb, Zn)

SOUTHWESTERN ZONE (west of Purcell divide)

- Omo (Pb, Zn)
- Duncan (Pb, Zn)
- Surprise (Ag, Cu)
- Mag (Pb, Zn)
- Lavina (Ag, Pb)
- Argenta (Ag, Pb, Cu)
- St. Patrick (Ag, Pb, Zn)
- Sail (Pb, Zn)
- Moonshine (Ag, Pb, Zn)
- Hi-Lo (Ag, Pb, Zn)

NON-METALS

- Baroid of Canada (barite)
- A.P. Green Fire Brick Co. Ltd. (magnesite)
- Mountain Minerals, Ltd. (barite)
- Larrabee (barite)
- Kootenay Marble Quarry (marble)

Geological boundary (defined, approximate, assumed)
 Bedding, tops known (horizontal, inclined, vertical, overturned)
 Bedding, tops unknown (inclined)
 Igneous primary foliation (inclined, vertical)
 Cleavage (inclined, vertical)
 Schistosity (inclined, vertical)
 Lamination (horizontal, inclined)
 Fault (defined, approximate, assumed)
 Anticline (defined, approximate)
 Syncline (defined, approximate)
 Anticline and syncline (overturned)
 Anticline or syncline (arrow indicates plunge)
 Anticline and syncline (general trend)

Geology by J.E. Reesor 1953-1956 and part of 1957
 (part of Windermere from published report of J.F. Walker, 1926;
 part of southwest corner of map-area from published report of J.T. Fyles, 1964)

To accompany Memoir 369 by J.E. Reesor

Geological cartography by the Geological Survey of Canada

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

Base-map at the same scale published by the Surveys and Mapping Branch in 1959

Copies of the topographical edition of this map may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa

Magnetic declination 1971 varies from 22°07' easterly at centre of west edge to 21°50' easterly at centre of east edge. Mean annual change - 2.6'

Elevations in feet above mean sea-level

Published, 1972
 Copies of this map may be obtained from the Geological Survey of Canada, Ottawa

MAP 1326A
GEOLOGY
LARDEAU
 (East Half)
BRITISH COLUMBIA
 Scale 1:250,000

Printed by the Surveys and Mapping Branch

48-1963	82M	43-1962	82N	82O
	82L		82K	82J
1059A			1326A	
	82E		82F	82Q
15-1961	6-1957	1090A	603A	

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS

MAP 1326A
LARDEAU
 BRITISH COLUMBIA