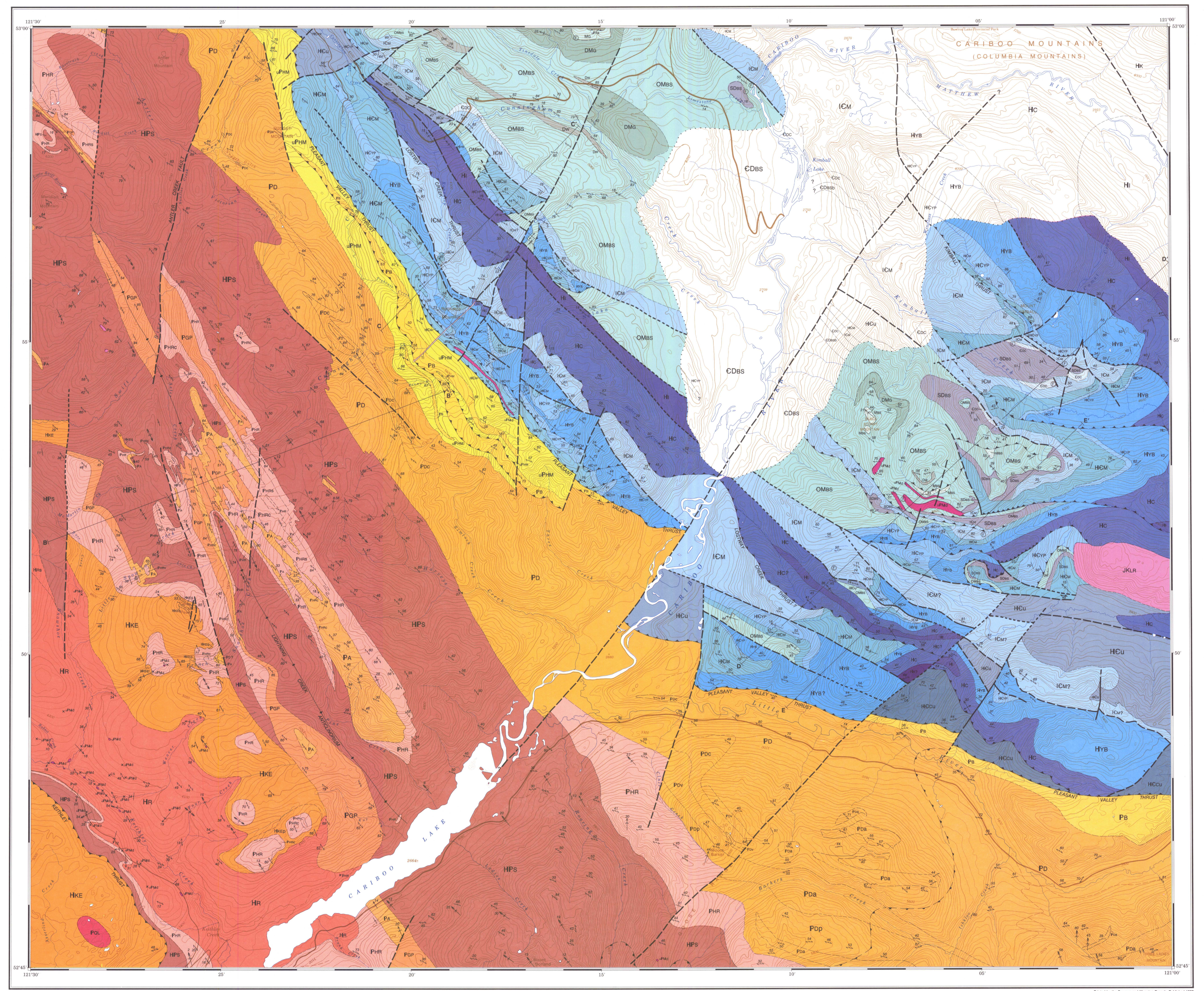


LEGEND

This legend is common to maps 1635A, 1636A, 1637A, 1638A. Coloured legend blocks indicate map units that appear on this map.

OVERLAP ASSEMBLAGES		CARIBOO TERRANE	
TI	Lampophyre	PTs	Olive and grey greywacke and slate
JURASSIC AND CRETACEOUS		Pc	Grey fusulinid and pelletal limestone
JKLR	LITTLE RIVER STOCK: granodiorite and quartz monzonite	PENNSYLVANIAN	
PERMIAN OR YOUNGER		PAA	ALEX ALLAN FORMATION: black micritic limestone, grey and black shale
Pp	Quartz porphyry rhyolite	MIDDLE PENNSYLVANIAN	
QUESNEL TERRANE		MBS	MISSISSIPPIAN OR YOUNGER BLACK STUART GROUP (SDs-Ms)
TJb	Agile porphyry basalt, minor flows, tuff and sulfaceous argillite; local andesitic basalt	Mg	Sandstone unit: olive grey micaceous and white quartzite, black and pink chert
TJa	Basaltic tuff and breccia, generally fine grained; argillite, flows, chert	LOWER MISSISSIPPIAN	
UPPER TRIASSIC		DMG	GREENBERRY FORMATION: crinoid limestone, chert, dolomite
uTa1	KARIMAN AND (?) YOUNGER QUESNEL RIVER GROUP (Ta1-Ta2)	UPPER DEVONIAN AND LOWER MISSISSIPPIAN	
uTa3	Undivided Ta1 and greenstone, agile porphyry breccia, tuff breccia, tuff, possible dykes and sills (volcanic); and greenschist facies of metamorphism	SDBS	GUYET FORMATION: muddy and sandy conglomerate and breccia, granule quartzite and slate
SLIDE MOUNTAIN TERRANE		MIDDLE AND/OR UPPER DEVONIAN	
uPa	SLIDE MOUNTAIN GROUP (Pmb-uPa) AYLEY FORMATION: yellow basalt, breccia, diorite, chert, gneiss, (minor limestone?) uPa, serpentinite, if a chert, minor basalt and diorite	DW	WAVERLY FORMATION: schistose, calcareous, basaltic tuff, and volcanics; yellow basalt, minor siltite
uPc	CROOKED AMPHIBOLITE: undifferentiated; uPc, serpentinite and sheared ultramafic rock; uPc, talcose altered ultramafic rock; uPc, amphibolite	UPPER ORDOVICIAN AND DEVONIAN TO MISSISSIPPIAN OR YOUNGER	
PALEOZOIC OR MESOZOIC		OMBS	Black pelite unit: black slate, argillite and cherty argillite, black limestone, dolomite and silicified limestone (in part arthropod)
Pmb	Serpentinite and peridotite (as mapped by Campbell, 1978)	UPPER SILURIAN AND LOWER DEVONIAN	
BARKERVILLE TERRANE		SDBS	Chert-carbonate unit: light to dark grey chert breccia, grey limestone matrix, dolomite granule to pebble breccia, limestone matrix, chert-quartz-dolomite conglomerate to breccia
PS	Sugar limestone: grey crinoid limestone, minor grey chert	CAMBRIAN TO (?) DEVONIAN	
UPPER PALEOZOIC?		CDBS	Black Stuart formation (as used by Campbell, 1978)
uPm	SNOWSHOE GROUP (Ps-uPm) ISLAND MOUNTAIN AMPHIBOLITE: amphibolite, minor siliceous mylonite	HADRYNAN AND CAMBRIAN LOWER TO (?) UPPER CAMBRIAN	
uPsc	Orange weathering fuchsite-bearing anhydrite carbonate	CDC	HOME CREEK FORMATION: dark shale and limy shale
uPsm	Handscrabble Mountain succession: black siltite and phyllite, grey micaceous quartzite, limestone, minor metatuff; uPsm, greywacke, muddy conglomerate	LOWER CAMBRIAN	
PALEOZOIC?		ICM	MURAL FORMATION: grey limestone, minor shale and argillite
Pb	Braico succession: marble	HADRYNAN AND/OR CAMBRIAN	
PI	Falsified dolomite and agile porphyry basalt, gabbroic rocks; includes undifferentiated diabase, diorite	HCM	MIDAS FORMATION: dark siltstone and quartzite, minor shale and argillite
PALEOZOIC		HCYP	YANKS PEAK FORMATION: grey and white, minor pink and green quartzite, minor siltstone and argillite
PQL	QUESNEL LAKE GNEISS Light grey potassium feldspar porphyritic orthogneiss	HCu	MIDAS, YANKS PEAK AND YANKEE BELLE FORMATIONS: undivided
PALEOZOIC		HADRYNAN (WINDERMERE)	
PE	SNOWSHOE GROUP (H-PE) Eaglesnest succession: olive and grey micaceous quartzite and phyllite	HYB	YANKEE BELLE FORMATION: green and grey thin bedded argillite, shale, minor quartzite and limestone; local phyllite and schist
PD	Downey succession: olive and grey micaceous quartzite and phyllite, minor marble, (Hcm, marble, phyllite, Hesp, phyllite, schist, quartzite and amphibolite; Pp, phyllite, schist, metatuff, includes some marble, quartzite and amphibolite; Pp, metatuff, includes some marble, phyllite, schist and amphibolite; metamorphism ranges from chlorite to kyanite grade)	HC	CUNNINGHAM FORMATION: grey limestone, minor shale, argillite and dolomite
PA	Agnes succession: quartzite, chert conglomerate, quartzite, minor limy conglomerate	HI	ISAAC FORMATION: dark phyllite, calcareous phyllite, slate, argillite, and minor limestone and micaceous quartzite
PGP	Goose Peak succession: quartzite, minor conglomerate	HCCu	Cariboo group undifferentiated
PHR	Harems Ridge succession: dark grey and grey micaceous quartzite, black quartzite and interbedded dark grey phyllite, schist, siltite, and minor micritic limestone and undifferentiated rocks; Pp, limestone and limestone conglomerate; Pp, purple grey very micaceous quartzite and black phyllite; Pp, grey siltite and green metatuff, in part calcareous	HADRYNAN	
HADRYNAN OR PALEOZOIC		HK	KAZA GROUP Greywacke, argillite, phyllite, schist, minor pebble conglomerate
HPT	Tom succession: olive grey micaceous quartzite, phyllite and schist	IGNEOUS ROCKS OF UNKNOWN TERRANE AFFINITY	
HKk	Kee Khan marble: marble, calcareous sandstone, micaceous quartzite, green and grey phyllite, in part calcareous	uPMD	Diorite, diorite
HT	Tregillus succession: grey and olive-grey micaceous quartzite, phyllite and schist, undifferentiated Hg, conglomerate	Calci-alcic rocks (isolated outcrops) CS x	
HR	Ramos succession: olive and grey micaceous quartzite, and phyllite, light brown and grey sandstone and undifferentiated rocks; Hs, phyllite, schist, calc-silicate rocks, may be partly equivalent to Hk; Hs, limestone, calcareous quartzite; Hs, black siltite, phyllite and slate, may be partly equivalent to PH; Hs, olive and grey slate and micaceous quartzite, may be part of Hk	Geological boundary (defined, approximate, assumed)	
HPS	Snowshoe Group undifferentiated: Hs to PE, mainly PH to PE	Bedding, top known (inclined, overturned)	



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Geology by L.C. Struik, 1977-1982

Geological cartography by R.R. Penno, 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 Survey and Mapping Branch in 1976. Roads were revised by the Geological Survey of Canada for this edition

MAP 1638A
GEOLOGY
CARIBOO LAKE
CARIBOO LAND DISTRICT
BRITISH COLUMBIA

Scale 1:50 000 - Echelle 1/50 000

Kilometres / Miles

Universal Transverse Mercator Projection / Projection: Transverse universelle de Mercator

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Approximate magnetic declination 1988, 23°01' East, decreasing 14.6 annually

Elevations in feet above mean sea level

9304	9305	9306	9307
9308	9309	9310	9311
9312	9313	9314	9315
9316	9317	9318	9319
9320	9321	9322	9323

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CARIBOO LAKE
CARIBOO LAND DISTRICT
BRITISH COLUMBIA