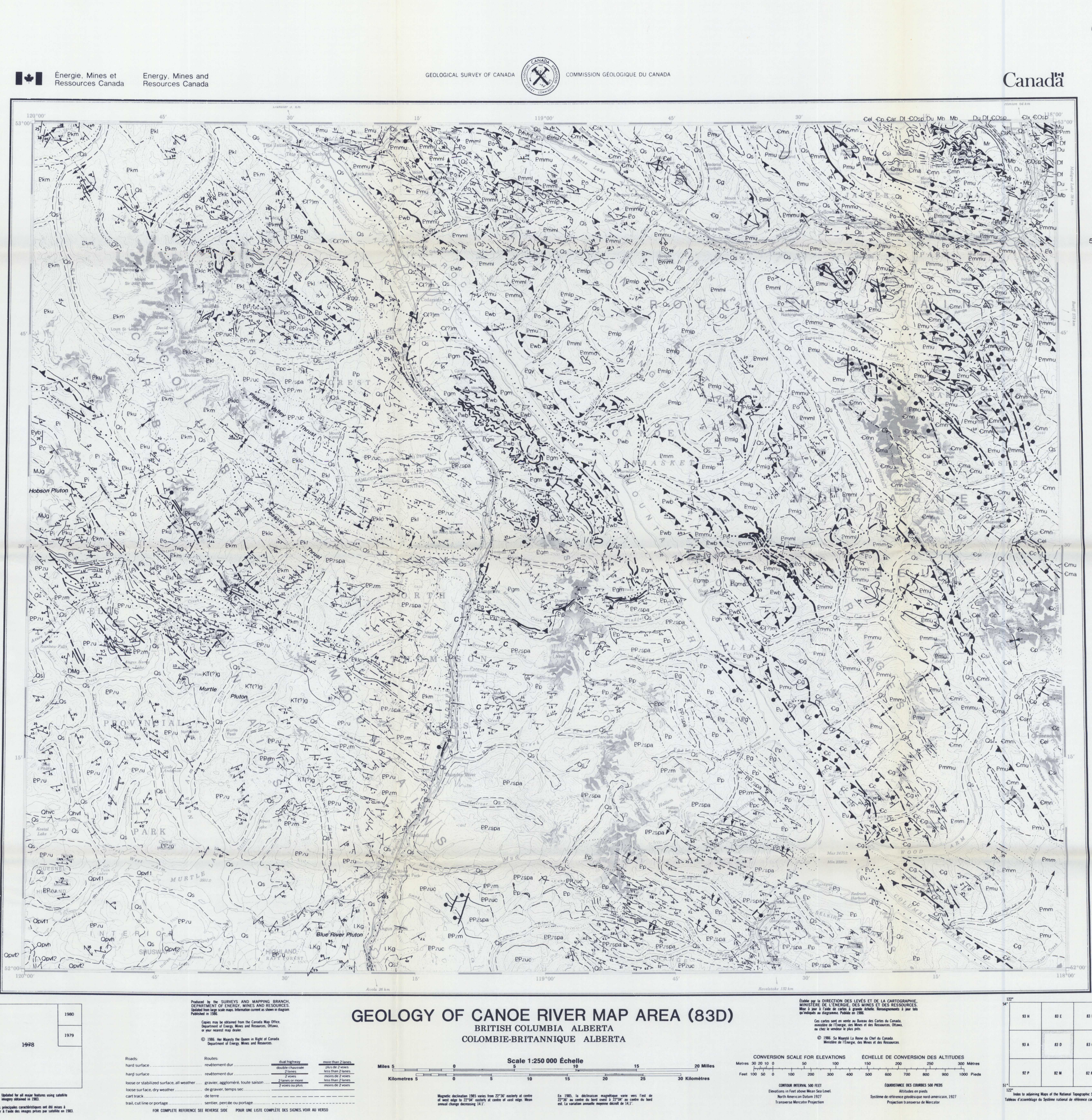


ROCKY MOUNTAINS		CARIBOO AND MONASHEE MOUNTAINS	
QUATERNARY			
HOLOCENE			
Qs	Undifferentiated unconsolidated sand, silt, clay or gravel	Qs	Undifferentiated unconsolidated sand, silt, clay or gravel
PLEISTOCENE			
Opv	Basal: Qp1, CLEARWATER UNIT, Qp2, WELLS GRAY UNIT; h, t, tystoclastite, f, flow	Ohv	Basal: C, cone; f, flow
TERTIARY			
MIOCENE			
Tm	Lacustrine silt and clay		
TRIASSIC			
Trs	SPRAY RIVER GROUP SULPHUR MOUNTAIN FORMATION: dark brown silty shale, siltstone, sandstone, minor calcareous sandstone		
PERMIAN AND PENNSYLVANIAN			
PPrm	ROCKY MOUNTAIN GROUP: light gray cherty sandstone, massive chert, dolomitic sandstone, silty dolomite		
MISSISSIPPIAN			
Mr	RUNDLE GROUP: gray dolomite, crinoidal limestone, cherty dolomite		
Mb	BANKY FORMATION: argillaceous limestone, calcareous shale; at base, black, fissile, cherty shale and brown sandstone		
DEVONIAN			
Du	UNDIFFERENTIATED PALLISER AND SASSENACH FORMATIONS: PALLISER (upper unit): massive dolomitic limestone; SASSENACH (lower unit): sandstone, siltstone, silty limestone		
Df	FAIRHOLME GROUP (basal facies) UNDIFFERENTIATED MOUNT HAWK, FERDIX AND FLUME FORMATIONS: calcareous mudstone, argillaceous limestone, black shale, cherty limestone		
CAMBRO-ORDOVICIAN			
Csp	SURVEY PEAK FORMATION: calcareous shale, micritic limestone, limestone pebble-conglomerate		
UPPER CAMBRIAN			
Cix	LYNCK GROUP: dolomite, siltstone, limestone		
MIDDLE CAMBRIAN			
Car	ARCTOMYIA FORMATION: red and green shale; dolomitic siltstone, shaly dolomite		
Cp	PIKA FORMATION: limestone, limestone-pebble conglomerate, coals, minor shale, dolomite		
Cel	ELDON FORMATION: limestone, locally dolomitized		
Csl	SNAKE INDIAN FORMATION (includes Tatal, Chetang, and Heta formations mapped in north-central part of area): alternating units of limestone and calcareous shale; massive limestone at base locally (Heta Formation)		
LOWER CAMBRIAN			
Cma	GOO GROUP MAHTO FORMATION: fine-grained quartz sandstone and siltstone		
Cmu	MURAL FORMATION: limestone and dolomite with intercalated shale and siltstone		
Cmn	MCNAUGHTON FORMATION: massive quartz sandstone, siltstone, minor pebble-conglomerate and phyllite		
UPPER PROTEROZOIC			
WINDERMERE SUPERGROUP			
UPPER PROTEROZOIC			
WINDERMERE SUPERGROUP			
Emu	MLETTE GROUP UPPER MLETTE GROUP: silty, locally calcareous argillite and mudstone; sandstone; locally includes carbonate accumulations (BYNS FORMATION)		
Emm	MIDDLE MLETTE GROUP (UNDIFFERENTIATED): as for Pmmu and Pmm		
Emmu	UPPER MLETTE GROUP: commonly graded and locally cross-bedded quartzofeldspathic metasandstone, granite- and pebble-conglomerate (grit); siltstone; gray-green silty phyllite; phyllite predominant in thrust sheets near Blackman Creek; base on P10 locally calcareous sandstone or limestone-clast conglomerate		
Eo	OLD FORT POINT FORMATION: triad of upper dark grey to black carbonaceous phyllite; middle dolomitic and calcareous siltstone and phyllite; and basal green phyllite, slate, and locally calcareous quartz siltstone		
Emml	LOWER MLETTE GROUP: commonly graded and locally cross-bedded quartzofeldspathic metasandstone, granite- and pebble-conglomerate (grit), siltstone, gray-green silty phyllite and schist		
Emlp	LOWER MLETTE GROUP PHYLITIC: dark silty phyllite, minor quartz-pebble conglomerate		
Emlg	LOWER MLETTE GROUP GRIT: quartzofeldspathic sandstone and minor phyllite		
Ewb	UNDIFFERENTIATED BASAL WINDERMERE SUPERGROUP (overlying basement in hanging wall of Blue Foot Thrust): grit and locally conglomerate or diamictite; locally mylonitic quartzite at base; kyanite, garnet, staurolite, biotite, and/or muscovite-bearing phyllite or schist; psammite, and more rarely marble and calc-silicate rocks above coarse clastic section at base; may in part be equivalent to Pmlq and Pmlp		
EARLY PROTEROZOIC BASEMENT			
Eg	Egy: YELLOWJACKET GNEISS (ca. 1.87 Ga, geochronology source 1); foliated and locally crystallized granitic and granulitoid orthogneiss, locally with augen; Egb: BULLDOG GNEISS: quartzose paragneiss and amphibolite mafic gneiss introduced by ca. 1.87 Ga granitic augen gneiss (geochronology source 1); minor amphibolite; Egc: MOUNT BLACKMAN GNEISS: amphibolite mafic gneiss, granitic gneiss; Egd: HUGH ALLAN GNEISS (ca. 750 Ma, geochronology source 1); granitic gneiss		

INTRUSIVE ROCKS	
KT(g)	MURTLÉ PLUTON: muscovite-biotite granite and quartz monzonite
LKq	BLUE RIVER PLUTON (8 ± 6 Ma, geochronology source 2): weakly foliated muscovite (rarely biotite) granite sandstone
MJg	HOBSON PLUTON (174 ± 1 Ma, geochronology source 3): biotite granodiorite, minor hornblende-biotite granodiorite, quartz-diorite, and diorite
TRIASSIC	
Trg	Small foliated stocks, sills, and dykes of granite in northeastern Wells Gray Park; age about 235 Ma (geochronology source 4)
DEVONO-MISSISSIPPIAN	
DMg	Small foliated bodies of granitic to dioritic rocks; age about 350 Ma (geochronology source 4)
KOOTENAY TERRANE	
EPzu	Undifferentiated metamorphic rocks of unknown but probably Proterozoic and possibly Palaeozoic age in the footwall of the Pleasant Valley Thrust
EPzuc	UPPER CLASTIC UNIT: quartzofeldspathic psammite and grit, pelitic schist (locally kyanite, sillimanite, staurolite, garnet, biotite, and/or muscovite-bearing); minor amphibolite and locally significant graphitic phyllite (in the valley of North Thompson River in Cariboo Mountains)
EPzm	Marble (When between EPzuc and Pp2spa, Pp2zm refers to MAIN MARBLE of Simony et al. (1988) and Rasek and Simony (1988)) and MIDDLE MARBLE of Brown, et al. (1978), Pail and Simony (1984), and Sevigny and Simony (1989), when between Pp1 and Pp2spa, Pp2zm refers to LOWER MARBLE of Simony et al. (1980), Dgvi et al. (1989), and Sevigny and Simony (1989))
EPzspa	SEMPILITE-AMPHIBOLITE UNIT: quartzose psammite, quartzofeldspathic psammite and grit, pelitic schist (locally kyanite, sillimanite, garnet, staurolite, biotite, and/or muscovite-bearing), concordant and discordant amphibolite, and minor marble
CARBONATITE	
C	Carbonatite
UPPER PROTEROZOIC	
WINDERMERE SUPERGROUP	
CARBIBOO GROUP	
Y	YANKEE BELLE FORMATION: green and gray shale and siltstone, minor quartzite and limestone
C	CUNNINGHAM FORMATION: gray limestone, minor shale and siltstone
I	ISAC FORMATION: dark phyllite, slate, limy phyllite; locally important limestone and limestone-pebble conglomerate; quartz-pebble conglomerate and grit at base
K	KAZA GROUP UPPER KAZA GROUP: commonly graded and locally cross-bedded quartzofeldspathic metasandstone, grit, and conglomerate; minor green-gray silty phyllite and slate; calcareous grit at basal contact with P10
O	OLD FORT POINT FORMATION: triad of upper carbonaceous and pyritic phyllite or slate, middle light to dark gray limy phyllite and thin-bedded marble, and basal green quartz metasiltstone and fine-grained metasandstone with thin (up to 10 cm) contorted cross-laminated calcareous intervals
M	MIDDLE KAZA GROUP: commonly graded and locally cross-bedded quartzofeldspathic metasandstone, grit, conglomerate; green-gray silty slate, phyllite, or schist
L	LOWER KAZA GROUP CARBONATE UNIT: cycles of quartzofeldspathic grit or metasandstone, phyllite or schist, culminating in classic gray to brown marble up to 5 m in thickness
P	LOWER PELITE UNIT: pelitic schist; minor quartzofeldspathic psammite, conglomerate (PPc) with clasts of marble, calc-silicate rock, quartzite, and granite (ca. 1200 Ma, geochronology source 6); and concordant and discordant amphibolite. Probably equivalent to upper part of PKI and PWB
G	LOWER GRIT UNIT: quartzofeldspathic psammite and grit, minor pelitic schist and amphibolite. Prominent diamictite-bearing conglomerate horizon locally present at base. Probably equivalent to lower part of PKI and PWB



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