



Volcanic and Sedimentary Rocks

CENOZOIC

Neogene to Quaternary

Qal	Quaternary cover: Alluvium, glaciofluvial gravels and sand, till. Note: the extensive Quaternary deposits of the Rocky Mountain foothills and the Peace River area have been omitted as they would completely cover and obscure the bedrock geology.
Qv	Quaternary volcanics including Blue Lake Volcanics, Lambly Creek Basalt, Lake Island and Big Raven Formations: Basalt, olivine basalt, unconsolidated ash, scoria, agglomerate and breccia.
LTQT	Tuya Formation: Alkali olivine basalt, tuff, agglomerate, minor trachyte and rhyolite tuff and flows.
LTQMI	Maitland Formations: Basalt breccia, vesicular basalt, volcanogenic sediments and pillow lava.
LTQGb	Garibaldi Group and unnamed equivalents: Olivine basalt flows, basaltic andesite flows and pyroclastic cones, rhyolite, dacite and andesite flows and domes; polymorphic breccia and pyroclastic gravel and sand.
LTGEZ	Mount Edziza Complex: Aphyric trachyte and olivine, plagioclase and aegirine, phreic alkali olivine basalt, trachyte and basaltic andesite flows, domes and pyroclastic breccia and ash flows; includes some fluvial gravel and glacial deposits.
LTQAn	Anahim Volcanics, Bella Bella Formation and equivalents: Basalt, andesite, trachyte and rhyolite flows; basalt, andesite and dacite breccia, tuff, minor geywacke, slate and conglomerate.
LTCh	Chilotin Group: Vesicular, columnar jointed basalt, olivine basalt; minor andesite, rhyolite breccia, obsidian, tuff, breccia, conglomerate, sandstone, siltstone, shale and diatomite.
LTQLv	Level Mountain Group: Alkali olivine basalt, minor trachyte and rhyolite; andesite and olivine, plagioclase and aegirine, fine-grained basalt flows, in part columnar-jointed, locally vesicular or amygdaloidal; may include massive, fine-grained diabase sills.
LTAb	Alert Bay Volcanics: Basaltic to dacitic lava, tuff, breccia, conglomerate.
LTv	Unnamed Neogene volcanics: Olivine basalt necks, breccia and pillow flows, conglomerate.
Mv	Miocene volcanics including Skagit and Coquihalla Formations: Basalt and andesite flows; related breccia and tuff; minor dacite and rhyolite, conglomerate and siltstone.

Oligocene to Pliocene

PFr	Poorly consolidated Tertiary sediments (includes the Fraser Bend and Australian Creek Formations): Poorly consolidated to unconsolidated conglomerate, sandstone and mudstone; minor diatomite, lignite, basalt.
PMI	Masset Formation: Dominantly aphyric, mafic to felsic lava flows and pyroclastic rocks, locally epiclastic interbeds.
PSI	Skomun Formation: Sandstone, conglomerate, siltstone, mudstone, shale, coal, mostly covered by Pleistocene till.

Paleogene

ETa	Paleogene sediments including Checkamut, Kistilano, Slatehuk, Tanilla Canyon, Kishiehn and Sophie Mountain Formations: Conglomerate, sandstone, siltstone, shale, marl, minor coal; minor tuffs and tuffaceous siltstone, basalt.
ETv	Unnamed Paleogene volcanics: Rhyolite, chalcocinite rhyolite, breccia, tuff.
ETVg	Paleogene volcanics of the Queen Charlotte Islands including the Ramay Island volcanic sequence: Interbedded mafic to felsic lava flows and pyroclastic rocks; epiclastic sandstone and conglomerate; dacitic-striated volcanic debris breccia.
P	Pink River Emptings: Basalt sills, dikes and flows, minor pyroclastics.
ECr	Carnine Mountain Volcanics: Dacite and rhyolite flows, ash and lapilli tuff, andesite flows, lesser basalt flows.
EEh	Endako Group: Andesite, basalt, minor dacite; flows, breccia and tuff, vesicular amygdaloid, locally hydrothermal, minor rhyolite basalt and rhyolite; conglomerate, sandstone, shale, lignite.
EOo	Ootsa Lake Group (including Newman Formation) and unnamed equivalents: Rhyolite, dacite, trachyte flows; related tuff and breccia; andesite and basalt; minor conglomerate, gneiss, geywacke and tuffaceous shale.
EOa	Carmanah Group: Siltstone, shale, sandstone, pebble to boulder conglomerate; molluscan faunas common.
EKn	Kamloops Group: Sandstone, conglomerate, shale, argillite, coal, basalt, andesite, dacite, trachyte, rhyolite, related tuffs and breccias.
EPe	Penticon Group and unnamed equivalents: Trachyte, phonolite, trachyandesite, andesite, pyroxene andesite, tuff and breccia; volcanic sandstones and siltstones, shale and conglomerate.
EPr	Princeton Group: Sandstone, conglomerate, argillite, coal; mafic to intermediate volcanics, minor black chert.
ESo	Sloko Group: Basal conglomerate, coarse sandstone to siltstone, locally carbonaceous; andesite to rhyolite flows, pyroclastics and derived epiclastics, minor basalt.
Ehp	Hart Peak Volcanics: Rusty weathering trachyte and rhyolite flows, pyroclastic flows, pyroclastic rocks, and related intrusions.
PEAm	Possible Amphibolite Group equivalents: Heterolithic to monolithic conglomerate and breccia, carbonate conglomerate, shale, siltstone, sandstone, wacke, minor coal.
PEFI	Flores Volcanics: Subaerial andesite to rhyolite welded tuff, ash-flow tuff, tuff breccia, dacite to rhyolite sills, minor basalt dikes.
PEMe	Metohosin Igneous Complex - Metohosin Formation: Basaltic pillowed flows, hydroclastic breccia, tuff, massive basalt, rare limestone; subaerial amygdaloidal basalt flows, minor breccia.

MESOZOIC

Cretaceous to Tertiary

uKTS	Sifton and Usilka Formations, Bowron River Coal Beds and Reynolds Creek Succession: Pebble to boulder conglomerate, sandstone, siltstone, shale, minor coal.
KSu	Sisseton Group and unnamed equivalents: Sandstone, siltstone, mudstone, chert and quartz-pebble conglomerate, felsic ash-tuff, minor coal.
KTSa	Skellicum Schist: Mainly greenish-tan, grade mafic to intermediate volcanics, phyllite, minor volcanic and carbonate, clast supported conglomerate.

Triassic to Cretaceous

TKPa	Pacific Rim Complex: Mudstone-rich melange; pillow lava, tuff and chert, green, aphyric volcanic breccia and massive flows, small dacite intrusions, grey limestone lenses.
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Jurassic to Cretaceous

JKCy	Cayosh Assemblage and Noel Mountain East Succession: Volcanic sandstone, siltstone, shale and argillite; lesser amounts of pebble to cobble conglomerate, limy sandstone, limestone, tuff, greenstone, quartzite and fragmental metavolcanic rocks; micaceous quartzite, biotite-hornblende schist, garnet and staurolite schist, phyllite.
JKKf	Kootenay Group and Fernie Formation: Shale, sandstone, limestone, phosphanite and siderite shales.
JKLe	Leech River Complex: Slate, phyllite, quartz-biotite schist, quartz-feldspar-garnet-biotite schist, metagreywacke, meta-arkose, meta-basalt, meta-rhyolite, chlorite schist, ribbon chert, cherty argillite.
JKGv	Gravina Assemblage: Marine argillite and greywacke, and interbedded andesite to basaltic volcanic and volcanoclastic rocks, metamorphosed to amphibolite grade.
mJKBb	Bower Lake Group: Heterolithic conglomerate, sandstone, siltstone, mudstone, shale, feldspathic breccia, minor coal; minor basalt and andesite flow, breccia and tuff, dacitic lava flows, lapilli tuff.
JKKy	Kyanook Group: Siltstone, shale, greywacke, calcareous grit and conglomerate.
JKDz	Dezadeash Group: Argillite, greywacke, coarse lithic and feldspathic sandstone, conglomerate and minor tuffaceous layers; sparsely feldspar-phyric pillow basalt and foliated sills of gabbro and quartz diorite.
uJKMn	Mimes Group (includes some undifferentiated Bullhead Group): Sandstone, quartzite, siltstone, shale, conglomerate, minor coal.
uJKRb	Relay Mountain Group, Thunder Lake Sequence and unnamed equivalents: Shale, siltstone, phyllite, semi-schist, sandstone, calcareous sandstone, arkose, coquina, conglomerate; minor andesite breccia and tuff, tuffaceous sandstone and siltstone.

Cretaceous

KFb	Fort St. John Group, may include some Smokey Group units: Shale, siderite shale, siltstone, sandstone, concretionary siltstone, mudstone, argillite, sandstone and siltstone.
Kia	Jacks Mountain Group: Fish Lake Creek Succession; and unnamed equivalents: Sandstone, arkose, siltstone, argillite, black shale, pebble to boulder conglomerate; andesite and tuffaceous sandstone; minor rhyolite, tuff.
KFb	Peayton Group: Chert, grain sandstone, argillite, arkose, conglomerate; minor red beds and tuff.
KKc	Queen Charlotte Group (includes White Point Beds): Sandstone; siltstone, mudstone and shale, locally with calcareous concretions, pebble sandstone and conglomerate, minor coal; feldspar-phyric andesite lava flows and pyroclastic rocks.
KSq	Silverquick Formation: Pebble to cobble conglomerate containing clasts of chert, volcanic sandstone, arkose, siltstone, andesite and sandstone, siltstone, shale, volcanic breccia and volcanic conglomerate.
KTc	Taylor Creek Group and unnamed equivalents: Sandstone, chert-rich sandstone, siltstone and shale; polymict pebble conglomerate; calcareous sandstone and shale; intermediate to felsic volcanic flows, tuff and crystal tuff; volcanic breccia and conglomerate.
KVz	Valder Group and possible equivalents: Deep marine argillite-greywacke flysch, minor massive and pillow basalt, breccia and tuff; contorted graptolite siltstone with intercalated intermediate ash, lapilli tuff and chert.
uKv	Unnamed Cretaceous volcanics: Andesite to dacitic breccias, tuffs and flows.

Upper Cretaceous

uKAI	Alberta Group: Siltstone, sandstone.
uKD	Dunvegan Formation: Massive conglomerate, fine to coarse-grained sandstone, carbonaceous shale.
uKKS	Kasloha Group unnamed equivalents: Hornblende-feldspar porphyritic andesite to basalt flows and related pyroclastics, breccia and epiclastic beds, lesser dacite, rhyodacite, basaltic andesite, quartz porphyry; sandstone, conglomerate.
uKNa	Nanaimo Group: Boulder, cobble and pebble conglomerate, coarse to fine sandstone, siltstone, shale, coal.
uKPo	Powell Creek Formation: Andesitic volcanic breccia, lapilli tuff and ash tuff, mafic to intermediate volcanic flows, volcanic sandstone and conglomerate, siltstone and shale.
uKSy	Smokey Group and Kotanawchee Formation: Sandstone, carbonaceous shale, calcareous shale, calcareous sandstone, minor conglomerate.
uKWa	Wapiti Formation: Conglomerate, fine to coarse grained sandstone; carbonaceous shale and coal.

Lower Cretaceous

KWl	Windy Table Complex: Andesite, basalt, flow-banded rhyolite, volcanic conglomerate.
IKBu	Bullhead Group: Sandstone, conglomerate, shale, coal.
IKGa	Gambler Group: Monarch Volcanics, Otataroko Formation and equivalents including the Cerdean Lava Unit: Conglomerate, sandstone, shale, argillite, minor limestone; basaltic andesite to rhyolite flows, crystal and lapilli tuff, tuffaceous sandstone, volcanic conglomerate and breccia; schist, graphitic schist.
IKSb	Spences Bridge Group and unnamed equivalents: Andesite and dacite flows and breccias; minor basalt and rhyolite; chert and volcanic-clast conglomerates; sandstone, siltstone and mudstone.
IKSk	Skeena Group: Feldspathic and volcanic sandstone, siltstone, shale, mudstone, minor pebble conglomerate, minor coal; argillite, plagioclase-phyric alkali basalt to basaltic andesite, plagioclase-phyric andesite to dacite; aphyric basalt, green to maroon mafic lapilli tuff, volcanic breccia, rhyolite to dacite flow.
IKTB	Bhaimore Group: Sandstone, siltstone, tuff.

Jurassic

JHl	Harrison Lake, Billhook Creek, Kent and Camp Cove Formations; equivalents in the southern Coast Complex including the Whistler Pendant: Intermediate to mafic flows and pyroclastics, minor felsic; conglomerate, sandstone and argillite, minor carbonate.
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Middle Jurassic

mJMo	Moreby Group: Concretionary sandstone; siltstone; conglomerate; minor agglomerate; black shale.
mJYk	Yakoun Group: Agglomerate; flow breccias; sandstone; conglomerate; minor shale.

Lower to Middle Jurassic

lmJAh	Ashcroft Formation and unnamed equivalents: Argillite, siltstone, sandstone, conglomerate; minor limestone.
lmJHh	Hazelton Group: Griffith Creek and Hotaroko Volcanics: Calcalkaline basalt to rhyolite pyroclastics and flows, derived volcanoclastic conglomerate, breccia, sandstone, siltstone, shale, minor limestone and marl.
lmJLa	Laberge Group: Conglomerate, diamictite, wacke, argillite, shale, calcareous sandstone, chert-pebble conglomerate, minor limestone; andesitic breccia and tuff.
lmJLd	Ladner Group: Last Creek, Hackberry Mountain and Spider Peak Formations; and unnamed equivalents: Sandstone, arkose, siltstone, argillite, slate, conglomerate, andesite flows, mafic and intermediate volcanic breccia, tuff, minor limestone.
lmJMa	Mande Group: Shale; fine to medium grained sandstone; minor calcareous shale.
lmJSp	Spatsizi Group and Aboon Formation: Siliceous, well bedded, tuffaceous siltstone, siltstone, calcareous siltstone, tuff; calcareous to siliceous siltstone, limestone, concretionary shale.

Triassic to Jurassic

JBl	Bowen Island Group: Tuffaceous sandstone, felsic sandstone, argillite, phyllite; siltstone with minor interbedded carbonate, lapilli tuff, andesite flows and sills.
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Lower Jurassic

lJbN	Bonanza Group: Massive amygdaloidal and pillowed basalt to andesite flows, dacite to rhyolite massive or laminated lava, green and maroon tuff, tuff, crystal tuff, breccia, tuffaceous sandstone, argillite, pebble conglomerate and minor limestone and calcareous siltstone.
lJCl	Chuchi Lake Succession: Pebbly grit, polymict conglomerate containing abundant volcanic clasts, sandstone, siltstone, dark grey shale, lesser cherty dust tuff, maroon and green, porphyritic tuff, trachyte and andesite, aegirine, olivine basalt flows and breccia, lapilli tuff, feldspar, minor gneiss.
lJFb	Rosland Group: Mafic volcanics, argillite, siltstone.
lJTd	Toodogone Volcanics: Andesite, dacite, trachyandesite lava flows, tuffs, crystal tuffs, breccias and epiclastics; fine pyroxene-basalt flows and tuffs, oegonitic sills and dikes.
lJTw	Twin Creek Succession and equivalents: Heterolithic lapilli tuff, plagioclase-argillite and plagioclase, quartz porphyritic flows and agglomerate tuff breccia, arkose, greywacke, sandstone, siltstone, minor conglomerate and coal.

Triassic to Jurassic

TJYr	Ymir Group: Argillite, siltstone, limestone.
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Culms Formation: Argillite, sandstone, siltstone, minor carbonate.

Kampa Group: Shale; calcareous shale; massive limestone; fine grained sandstone; rare chert and local pebble.

Nicola Group: Undifferentiated mafic to felsic flows and volcanoclastic rocks, including argillite-phyric flows, tuffs and breccias; feldspathic sandstone and siltstone, argillite, shale, polymict conglomerate; minor limestone and calcareous siltstone.

Takla Group (may include deformed Astika Group): Tetzaron Sequence and unnamed equivalents: Argillite-phyric and aphyric basalt breccia, agglomerate, tuff, pillowed and massive flows, mafic to felsic tuff, ash tuff, lapilli tuff, breccia and conglomerate; tuffaceous argillite and siltstone, greywacke, conglomerate, sandstone, siltstone and chert; phyllite, phyllitic schist; limestone, minor skarn.

Brooklyn Formation: Sharpstone conglomerate, limestone, argillite and minor volcanics.

Spray River Group, Halfway, Lard, Charlie Lake, Baldomed, Pardoned, Lufindon, Taid and Grayling Formations; unnamed equivalents: Limestone, dolomite, carbonaceous-argillaceous limestone, calcareous and dolomitic siltstone, calcareous sandstone, shale, sandstone, orthoquartzite, minor gneiss.

Slocan Group: Carbonate, argillite, slate, phyllite, minor volcanic breccia, tuff and conglomerate.

Upper Triassic

uTcd	Cadwalader Group: Grouse Creek Siltstone and equivalents: Sandstone, calcareous, siltstone, shale, polymict conglomerate, pebble mudstone, limestone, greenstone breccia, micritic limestone, oolite, pillowed to massive greenstone, mafic volcanic breccia, mafic tuff, minor rhyolite breccia and tuff.
uTS	Shubin Group: Mosley and Mount Moore Formations, and unnamed equivalents: Mafic to intermediate lapilli tuff, ash, breccia and tuff; massive, aphyric or plagioclase and argillite-phyric flows and sills; felsic tuff; tuffaceous siltstone, wacke, argillite, polymict conglomerate, limestone, shale, graphitic shale, rare black chert, ribbon chert.
uTTa	Tats Group: Black calcareous siltstone, argillaceous limestone, basaltic sills, massive and pillowed basalt flows and sills, basalt agglomerate, minor tuff and chert.
uTTY	Taughton Group: Conglomerate, conglomeratic sandstone and sandstone; limestone and limestone conglomerate; siltstone, calcareous sandstone and coquina.
uTVa	Nikolai Greenstone, Chitstone and McCarthy Formations: Aphyric pillow basalts, interpillow micrite; shallow intra-supradial platform and siltstone facies limestones and evaporites; impure cherty and shaley limestone, chert spiculate.

Middle to Upper Triassic

mTVa	Vancouver Group and equivalents: Basalt pillowed flows, pillow breccia, hydroclastic tuff and breccia, massive amygdaloidal flows, minor tuffs, interflow sediment and limestone lenses; grey to black, micritic and sybitic limestone, calcareous siltstone, minor oolite and blocky limestone, limestone, garnet-epidote diopside schist, thin bedded black argillite, siltstone and shale, calcareous argillite, grey and black limestone, shaly limestone, coralline limestone, minor tuffaceous sandstone, grit and breccia.
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PALEOZOIC TO MESOZOIC

PMCs	Cogburn Schist: Schist, meta-chert, pelite, amphibolite, marble, ultramafic rock.
PMGm	Gambly Complex: Schistose and mylonitic felsic and mafic flows, tuff, volcanogenic sediments, amphibolite, leucogneiss, tonalite to granodioritic orthogneiss, minor marble and skarn.
PJHz	Hozomeen Complex: Chert, pelite, mafic volcanics, minor limestone, gabbro and ultramafic rock.
PJKu	Kutchu Formation, Sitika Assemblage and possible equivalents: In rhyolite schist, greenstone, pillowed meta-silt, hornblende breccia; slate, phyllite, banded siltstone, sandstone and conglomerate; minor limestone, marble, chert and green chlorite phyllite.

Mississippian to Jurassic

CJBr	Bridge River Complex: Undivided ribbon chert, argillite, phyllite, quartz phyllite and pillowed to massive greenstone, with lesser amounts of limestone, gabbro, diabase, serpentinite, sandstone and pebble conglomerate; metamorphic equivalents, variably deformed granodiorite and orthogneiss; blueschist; locally includes minor amounts of Croyosh Assemblage and Taylor Creek Group.
CTKl	Kinkit Group: Quartz-rich clastics and argillite; commonly phyllitic or hornfelsed, conglomerate; limestone, cherty carbonate, calcislate, marble; green tuff, lapilli tuff and lesser flows.
MJCs	Cache Creek Complex and equivalents: Greenstone, amphibolite, mafic pillow lavas, volcanic breccia, agglomerate, tuff, rare felsic flows and tuffs; phyllite, siliceous phyllite, metachert, ribbon chert, chlorite schist, sandstone; micritic to clastic limestone, argillite, marble, dolomite; minor serpentinite and mafic intrusions.
DTW	Unnamed units, possibly of Wrangellian affinity: Argillite, calcareous argillite, cherty argillite, chert, intermediate epiclastic and/or lapilli to ash tuff and tuffite.
OTA	Unnamed Ordovician to Triassic volcanic and sedimentary rocks (Alexander terrane) in the Coast Complex: Siltstone, mudstone, shale; limestone, marble, mafic and felsic volcanics, quartzite and conglomerate; often metamorphosed to slate, phyllite, schist, marble, gneiss, amphibolite and greenstone.
OTAp	Apex Mountain Complex; Shoemaker and Independence Formations: Argillite, chert, greenstone, breccia, mafic intrusions, limestone and ultramafic rocks.

Ordovician to Triassic

OTa	Unnamed Ordovician to Triassic volcanic and sedimentary rocks (Alexander terrane) in the Coast Complex: Siltstone, mudstone, shale; limestone, marble, mafic and felsic volcanics, quartzite and conglomerate; often metamorphosed to slate, phyllite, schist, marble, gneiss, amphibolite and greenstone.
OTAp	Apex Mountain Complex; Shoemaker and Independence Formations: Argillite, chert, greenstone, breccia, mafic intrusions, limestone and ultramafic rocks.

PALEOZOIC

PBl	Black Stuart Group: Chert, limestone, dolomite and derived conglomerate and breccia; black shale, argillite, cherty argillite, quartzite, siltite and slate; some pillow basalt, schistose calcareous basalt tuff and volcanoclastics.
PBs	Big Salmon Complex, including the Teshu Tectonic Zone: Quartzite, phyllite, biotite-muscovite schist, marble, limestone, dolomite, chert; greenstone, andesite and basaltic tuff, tuff, wacke, rhyolite, quartz-alkali-mica gneiss, albite-andesine schist, quartz-chlorite-epidote-albite gneiss, meta-chert, calc-silicate schist, hornfels.
PDe	Unnamed volcanics and sediments (Descent tectonic assemblage): Brown to white, weathering mafic, calcareous metachert and argillite, minor conglomerate and chert; metabasalt, minor tuff breccia.
PDr	Dorsey Complex (includes Rapid River Tectonite): Green magnetite-phyllite, chlorite schist, mafic schist, quartz-sericite schist, metachert, quartzite, limestone, quartz, plagioclase grit, quartz-feldspar schist, phyllite, pelitic schist, amphibolite, siliceous and gneissic tectonite.
Pljd	Mount Ida Assemblage: Calcareous black phyllite, graphitic phyllite, dark grey limestone, argillaceous and phyllitic limestone; greenstone, chlorite phyllite, schistose epidote-actinolite-quartz and garnet-epidote slates, quartzite, micaceous quartzite and calcareous quartzite; lesser amounts of chlorite schist and sericite-quartz schist; minor amphibolite, marble, conglomerate and serpentinite.

Silurian to Permian

SPa	Unnamed Silurian to Permian sedimentary and minor volcanic rocks of Alexander terrane: Limestone, crinoidal limestone, interbedded limestone and argillite; argillite, chert and siliceous argillite, quartzite, greywacke; basalt flows, mafic to intermediate lapilli tuff and agglomerate.
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Devonian to Permian

DPHa	Harper Ranch Group, Barlow Assemblage and Chapperton Group (may include some Nicola Group strata): Argillite, cherty argillite, slate, phyllite, siltstone, volcanic and chert; sericite and chlorite phyllite and schist; metabasalt, basalt, rhyolite, tuff; minor serpentinite and limestone.
DPHq	Nisi Formation and unnamed equivalents: Limestone, cherty limestone, greywacke, minor conglomerate, maroon shale, siltstone; mafic to felsic volcanics, pillow basalt; black and green chert, argillite, schist, quartzite, metabasalt.
DPAa	Astika Group: Massive, grey, bioclastic limestone, argillaceous, thin bedded, recrystallized limestone with chert nodules, slate, shaly siltstone and chert; sericite and chlorite phyllite and schist; metabasalt, basalt, rhyolite, tuff; minor serpentinite and limestone.
DPBo	Big Creek Group: Basalt breccia, tuff and pillows; dacitic and rhyolite tuff, shale, argillite, slate, calcareous argillite, limestone, tuffaceous argillite, sandstone, wacke.
DPcW	Chillwack Group: Undifferentiated pelite, sandstone, minor conglomerate, mafic and felsic volcanics; Permian and Pennsylvanian carbonate.
DPFe	Fennell Assemblage: Bedded chert, cherty argillite, diabase, gabbro, diorite, pillowed to massive metabasalt; lesser amounts of sandstone, siltstone, slate, phyllite, conglomerate and quartz-feldspar porphyry rhyolite; minor amounts of limestone.
DPSt	Siskine Assemblage: Maroon and green tuff, lapilli tuff, volcanic conglomerate, wacke, pyroxene-phyric agglomerate, breccia, pillowed and massive basalt flows, andesite, minor rhyolite and gabbro; siltstone, sandstone and lesser chert; limestone, bioclastic limestone, calcarenite; foliated metamorphosed equivalent.
DPSm	Slide Mountain Complex and Axtell Formation: Massive and pillowed basalt, breccia, tuff, diabase, minor gabbro and serpentinite; chert, argillite, lithic sandstone, limestone, dacite tuff and agglomerate, black argillite, quartz-chert sandstone, varicoloured chert, rhodolite, calcarenite, phyllite, chlorite schist.

Carboniferous to Permian

CPAn	Knob Hill Group: Ribbon chert, argillite and thin limestone bands.
CPAa	Anarchoit Schist: Chlorite schist, greenstone, chert; minor ultramafic rock.
CPAc	Chapperton Group: Metamorphosed siliceous and calcareous argillites; greenstones of volcanic and sedimentary origin; minor serpentized ultramafic rocks.
CPKa	Kaslo Group: Mafic volcanics.
CPNI	Nina Creek Group: Cherty argillite, chert, argillite, massive and pillowed basalt, volcanic breccia, gabbro, siltstone, wacke, dacite.
CPKk	Rocky Mountain Group: Dolomitic siltstone; sandy dolomite; orthoquartzite and limestone.
CPSt	Stoddart Group, Fantauque and Kinde Formations: Limestone, dolomite, conglomerate, bedded chert, quartz sandstone, calcareous sandstone, siltstone, shale; locally phosphanite; dark grey limestone.
CPLy	Lay Range Assemblage, Evans Creek Formation: Massive and pillowed basalt, chert, fine to medium-grained gabbro and rare serpentinite; crystal and lapilli tuff, siliceous tuff, volcanic sandstone, minor agglomerate, siltstone, siliceous argillite, sericite, quartz sandstone, minor conglomerate, conglomerate.
CPBl	Battle Lake Group: Ribbon chert, cherty tuff, graphitic argillite, thinly bedded intercalated sandstone-siltstone-argillite, volcanic sandstone and conglomerate, massive crinoidal limestone, interbedded argillite and crinoidal limestone, pillowed basalt flows, obsidian-rich melange. May include significant volumes of Mount Hall Gabbro sills.
CMK	Atwood Group, Millard and Mount Roberts Formations: Argillite, sandstone, limestone, siltstone, minor gabbro, conglomerate, greenstone.
PPSc	Station Creek Formation: Oceanic arc volcanics and sediments dominated by tuff, breccia and siliceous argillite with sparse andesitic flows.

Devonian to Mississippian

DMEa	Earn Group: Argillite, slate, shale, locally carbonaceous and pyritic; chert, cherty mudstone, chert arenite and pebble conglomerate, polymictic conglomerate; limestone; nodular and bedded barite +/- sulphides.
DMB	Besa River Formation: Black, siliceous shale, calcareous siltstone, minor dolomite, siltstone, sandstone and pebble conglomerate, barite.
DMBa	Raufl and Fedow Formations: Carbonate, black shale, brown calcareous shale.

Mississippian

MFRu	Rundle Group: Prophet and Flett Formations; unnamed equivalents: Dolomite, limestone, crinoidal and skeletal limestone, cherty limestone, calcareous mudstone, spiculate, chert, argillite, siltstone, rare amygdaloidal basalt.
MMb	Mattson Formation: Fine, and medium grained quartzose sandstone, sandy shale.
MRc	Rain Creek Group: Greenstone, chlorite-actinolite phyllite, quartz-sericite schist, marble, ribbon chert, tonalite, diorite, gabbro.
MSw	Swift River Group and possible equivalents: Chert, argillite, phyllite, greywacke, quartz-plagioclase grit, meta-tuff, limestone, quartzite; minor conglomerate, volcanics and diorite.

Cambrian to Devonian

CDER	Razorback and Echo Lake Groups: Thinly layered and interbedded argillaceous limestone and dolomite, shale and slate; dolomite, sandy dolomite, sandstone to quartzite, massive to poorly bedded limestone and dolomite; equivalent to the Kechika and Road River Groups and the Topica Sandstone of the Stikine Group.
CDLr	Lardian Group: Limestone, marble, phyllite, micaceous schist, grit, quartzite, greenstone.

Ordovician to Devonian

ODRo	Road River Group (may include some undifferentiated Earn Group): Slate, siltstone, chert, minor coarse clastics, limestone, dolomite, rare tuffs.
ODMR	Sandpile, McName, Ramborn and Other Lakes Groups: Dolomite, dolomitic sandstone, limestone, shaly dolomite, carbonate breccia, minor calcareous siltstone, shale, quartzite, alkaline volcanics.

Silurian to Devonian

SDa	Sharian to Devonian strata of the Rockies including Cedar, Burnais, Harroget, Mount Forster, Muncho-McConnell, Wokkash, Stone, Huedene, Nonda, Pine Point Formations and Topica Sandstone: Dolomite, limestone, silty limestone and dolomite, sandstone, quartzite, argillite, shale, siltstone, chert, greenstone, minor gneiss.
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Devonian

DFA	Fairholme Group, Flume, Mount Hawk, Palliser, Pender's Formations and unnamed equivalents: Argillaceous limestone, nodular limestone, calcareous shale, dolomite, shale, siltstone, orthoquartzite.
DSI	Sider Group: Pillowed and massive basalt flows, monofolitic basalt breccia and pillow breccia; pyroxene-feldspar phyllite agglomerate, breccia, lapilli tuff, massive and pillowed flows, felsic tuffs and crystal tuffs, ductile, rhyolite, massive tuffite, laminated tuff, polymictic breccia, chert, Jasper and magnetite-hematite-chert iron formation.
DEc	Unnamed sediments and volcanics of the Estell Belt: Quartzite, with lesser biotite hornblende gneiss, mica schist, black phyllite to meta-argillite, semi-pelitic to pelitic schist, well foliated mafic and intermediate metachert, locally phyllite, strongly foliated, fine grained amphibolite +/- chlorite schist.

Ordovician to Silurian

OSa</
