

LEGEND

<b>QUATERNARY</b> <b>PLEISTOCENE AND RECENT</b>	<b>Q</b> Drift covered, fill, alluvium, colluvium
<b>Eocene (?)</b>	<b>EM</b> McGREGOR INTRUSIONS Syenite, monzonite, gneissite
<b>CRETACEOUS</b>	<b>KWC5</b> WHITE CREEK BATHOLITH Biotite monzogranite
<b>KWC4</b> Biotite-muscovite leucomonzogranite	<b>KWC3</b> Biotite monzogranite with megacrysts of potassium feldspar, apite and pegmatite
<b>KWC2</b> Hornblende granodiorite	<b>KWC1</b> Biotite-epidote granodiorite
<b>CRETACEOUS AND JURASSIC</b>	<b>KBMS</b> BAYDNE GRANITIC SUITE (JBMS - KBMS) MOUNT SLEELY PLUTON Biotite (hornblende) monzogranite with megacrysts of potassium feldspar
<b>KBMC</b> MIDGE CREEK STOCK Biotite-muscovite-epidote leucogranodiorite	<b>KBHC</b> HEATHER CREEK PLUTON Biotite-muscovite leucogranodiorite, pegmatite
<b>KBDP</b> DREWRY POINT INTRUSION Leucocratic biotite-epidote granodiorite, garnet-bearing apite and pegmatite	<b>KBSM</b> STEEPLE MOUNTAIN INTRUSION Biotite-muscovite leucomonzogranite, granodiorite and tonalite, commonly foliated; pegmatite and apite
<b>KBSM</b> Biotite-muscovite leucomonzogranite, granodiorite and tonalite, commonly foliated; pegmatite and apite	<b>KBSM</b> Biotite-muscovite leucomonzogranite, granodiorite and tonalite, commonly foliated; pegmatite and apite
<b>KASC</b> SHAW CREEK INTRUSION Biotite leucogranodiorite, locally with megacrysts of potassium feldspar	<b>JBWS</b> WALL STOCK Biotite-hornblende-epidote granodiorite
<b>JBMS</b> MINE STOCK Biotite-hornblende-epidote granodiorite	<b>JNS</b> NELSON GRANITIC SUITE (JNB - JNP) PRICOT INTRUSIONS Foliated hornblende leucogranodiorite and biotite-epidote leucomonzogranite
<b>JND</b> Hornblende, hornblende diorite	<b>JNGD</b> Biotite (hornblende) granodiorite, with megacrysts of potassium feldspar
<b>JNB</b> MOUNT BALDY PLUTON Granodiorite, foliated with many inclusions of country rock; common potassium feldspar megacrysts	<b>JUB</b> Ultrabasic, serpentinized peridotite
<b>CAMBRIAN TO DEVONIAN</b>	<b>LARDERAU GROUP</b> BROADVIEW FORMATION Grey mica schist, quartz grit, quartzite, pebble conglomerate
<b>PJ</b> JOWETT FORMATION Basaltic gneiss	<b>PI</b> INDEX FORMATION undivided
<b>CAMBRIAN</b>	<b>LOWER CAMBRIAN</b> BADSHOT-MOHICAN FORMATION: calcite marble, dolomite, calcareous schist, quartzite
<b>LOWER CAMBRIAN AND HADRYNIAN(?)</b>	<b>HAMILL GROUP</b> Undivided Dark quartzite, quartz-rich schist White quartzite Muscovite-biotite-chlorite schist, quartzite, siltstone Ch2a pattern indicates muscovite-chlorite-epidote schist (greenstone?) Ch2b marble Massive white quartzite; micaceous quartzite; Ch3a carbonate
<b>CT5</b> THREE SISTERS FORMATION Felspathic grit and quartzite; quartz-pebble conglomerate; CT5c conglomerate member	<b>CR</b> RENO FORMATION Argillaceous quartzite, mica schist
<b>CGR</b> QUARTZITE RANGE FORMATION: undivided Orthoquartzite and micaceous quartzite; minor argillite	<b>CGH</b> Massive to crossbedded orthoquartzite
<b>HADRYNIAN</b>	<b>WINDERMERE SUPERGROUP (HT - HH3)</b> HORSETHIEF CREEK GROUP Phyllite and schist, interbedded quartzite, pebble and cobble conglomerate, grey limestone Grey limestone and marble, dolomite Pebble conglomerate, quartz, quartzite, and felspar clasts Cobble conglomerate
<b>HH3</b> Phyllite and schist, interbedded quartzite, pebble and cobble conglomerate, grey limestone	<b>HH1</b> Phyllite, siltite, carbonate
<b>HH1a</b> Siltaceous, massive white quartzite; pebbly quartzite; H1aa cobble and boulder conglomerate indicated by pattern	<b>HV</b> IRENE VOLCANIC FORMATION: massive to siltstone greenstone, mafic tuff, phyllite
<b>HH1b</b> Siltaceous, massive white quartzite; pebbly quartzite; H1ba cobble and boulder conglomerate indicated by pattern	<b>HI</b> TOBY FORMATION: polymict conglomerate, pebble and cobble conglomerate; quartzite and grit; phyllite
<b>HELIKIAN</b>	<b>HELLROARING CREEK INTRUSIONS</b> Granite, pegmatite
<b>HMN</b> PURCELL SUPERGROUP (HA - HMN) MOUNT NELSON FORMATION: undivided Dolomite, white to dark grey, buff to brown weathering Black argillite, grey siltstone, thinly interbedded Dolomite, dolomitic siltstone, argillite Quartzite, thick bedded, white to green	<b>LA FRANCE CREEK GROUP</b> Undivided UPPER: interbedded grey siltite and black argillite, thin to thick bedded LOWER: thinly interbedded black argillite and grey siltite
<b>HLF</b> UPPER: interbedded grey siltite and black argillite, thin to thick bedded LOWER: thinly interbedded black argillite and grey siltite	<b>HM</b> MOYIE INTRUSIONS: metadiorite, metagranite diorite
<b>HCC3</b> COPPERY CREEK GROUP Undivided UPPER: dolomite, thin to thick bedded, white to grey, with interbedded white quartzite MIDDLE: thinly laminated black argillite and grey siltstone LOWER: dolomite, dolomitic siltstone, green and black argillite, light grey siltite and quartzite MCCA grey carbonate member	<b>HA</b> ALDRIDGE GROUP Undivided UPPER: rusty weathering black argillite and siltite, characterized by fine carterite laminae of white siltite MIDDLE: light grey weathering, grey siltite and fine quartzite in beds up to 1 m; interbeds of dark argillite and successions of finely interbedded black argillite and grey siltstone LOWER: rusty weathering, laminated or crossbedded quartzite, argillite and siltite
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<b>CRETACEOUS</b>	<b>KFC</b> FRY CREEK BATHOLITH Leucomonzogranite; biotite monzogranite; biotite-muscovite monzogranite in westernmost exposures
<b>KCB</b> CRAWFORD BAY STOCK Biotite monzogranite, medium- to coarse-grained, with trace muscovite	<b>KSH</b> SHORELINE INTRUSIONS Biotite-muscovite granite and pegmatite, foliated in some localities; pattern indicates many inclusions of country rocks
<b>KHL</b> HALL LAKE STOCK Biotite monzogranite	<b>KAC</b> ANGUS CREEK INTRUSIONS Biotite monzogranite
<b>KCM</b> CONTINENTAL MOUNTAIN PLUTON Tonalite	<b>KCC</b> CORN CREEK INTRUSIONS Foliated biotite-muscovite granite and pegmatite
<b>KSCC</b> SELKIRK CREST COMPLEX Porphyroblastic granitic monzogranite; veins and layers of granitic biotite granite; some muscovite biotite monzogranite	<b>K(7)D</b> Metadiorite silt, fine- to medium-grained

<b>SELKIRK MOUNTAINS, WEST OF UPPER KOOTENAY LAKE</b>	<b>TS</b> SLOCAN GROUP Grey argillite and phyllite; light grey to black limestone
<b>PERMIAN</b>	<b>PM</b> MARTEN CONGLOMERATE: greenstone conglomerate
<b>KASLO GROUP</b>	<b>PK4</b> Greenstone, amphibolite; hornblende diorite and metadiorite, feeder dykes to Kaslo greenstone; serpensite
<b>MISSISSIPPIAN AND PERMIAN</b>	<b>MPU</b> Siltaceous argillite and phyllite, grey limestone, chert
<b>CAMBRIAN TO DEVONIAN</b>	<b>LD</b> LARDERAU GROUP BROADVIEW FORMATION Grey mica schist, quartz grit, quartzite, pebble conglomerate
<b>PJ</b> JOWETT FORMATION Basaltic gneiss	<b>PI</b> INDEX FORMATION undivided

<b>WEST OF LOWER KOOTENAY LAKE AND KOOTENAY RIVER</b>	<b>D(7)P</b> PEAVINE CONGLOMERATE: polymictic conglomerate with cobble to boulder sized clasts, sandy matrix
<b>CAMBRIAN</b>	<b>CE</b> EAGER FORMATION: grey argillite, siltite, siltstone; buff weathering; silty limestone; rare biohermal beds
<b>LOWER CAMBRIAN</b>	<b>CC</b> CRANBROOK FORMATION: siltaceous white quartzite; gritty quartzite, pebble and cobble conglomerate
<b>LOWER CAMBRIAN (?)</b>	<b>CC(?)</b> CRANBROOK FORMATION(?): conglomerate, angular to rounded clasts up to cobble size
<b>HADRYNIAN</b>	<b>HM</b> HORSETHIEF CREEK GROUP MOYIE FORMATION: Grey phyllite, black graphitic phyllite; minor quartzite, grit HM limestone member HMc conglomerate member

<b>EASTERN PURCELL MOUNTAINS</b>	<b>HG</b> PURCELL SUPERGROUP (HK - HG) GATEWAY FORMATION: dolomite, light buff to brown weathering, with stromatolites and oolites; green argillite, quartzite
<b>HNC</b> NICOL CREEK FORMATION: volcanic extrusives; tuffs	<b>HVC</b> VAN CREEK FORMATION: green interlamated argillite and siltite
<b>HK</b> KITCHENER FORMATION: dolomite, dolomitic siltstone, green argillite, black argillite, light grey to white siltite	

<b>Geological boundary (defined, approximate, assumed)</b>	.....
<b>Bedding top known (inclined, vertical overruled)</b>	.....
<b>Bedding top unknown (inclined)</b>	.....
<b>Schistosity (inclined, vertical)</b>	.....
<b>Granitic rocks, primary foliation (inclined, vertical)</b>	.....
<b>Granitic rocks, secondary foliation (inclined, vertical)</b>	.....
<b>Fault (defined, approximate, assumed)</b>	.....
<b>Thrust (reverse) fault (with in direction of dip; defined, approximate, assumed)</b>	.....
<b>Small folds (axial plane with plunge of axis; inclined, vertical)</b>	.....
<b>Antiform, syncline (trace of axial surface)</b>	.....
<b>Antiform, syncline (trace of axial surface)</b>	.....
<b>Overturned anticline, syncline (trace of axial surface)</b>	.....
<b>Overturned anticline, syncline (trace of axial surface)</b>	.....
<b>Fossil locality</b>	.....
<b>Location of cross-section</b>	.....

