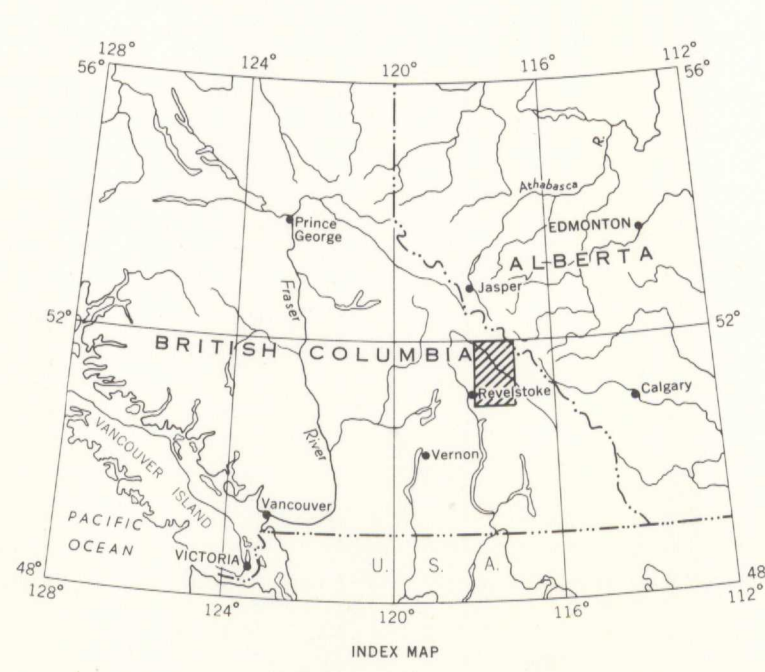


LEGEND

<p>SELKIRK AND DOGTOOTH MOUNTAINS</p> <p>QUATERNARY PLEISTOCENE AND RECENT 26 Glacial drift, silt, alluvium, alpine moraine; areas of little or no outcrop</p> <p>CAMBRIAN AND LATER LOWER CAMBRIAN AND LATER LARDEAU GROUP 6b, upper part; grey, greenish, brown quartz-mica schist, mica schist, micaceous quartzite; minor limestone, quartz-pebble conglomerate 6a, lower part; dark grey to black carbonaceous, limy slate and limestone, buff slate, dark grey to black carbonaceous, siliceous siltstone, argillite, and slate, grey quartzite, minor quartz-pebble conglomerate (some quartzite may belong to 6b); 6c, limestone</p> <p>CAMBRIAN LOWER CAMBRIAN 4 5 4. DONALD FORMATION: interbedded rusty brown sandstone, grey slate, and limestone, locally oolitic and psilotic 5. BADSHOT FORMATION: upper part; dark grey, light grey, and buff limestone Lower part; green limy slate, phyllite 2. HAMILL GROUP: pale brown, grey, and pale green quartzite, commonly crossbedded, feldspathic grit, minor rusty-brown, grey, and green slate, phyllite, and conglomerate; 2a, quartz-mica schist, mica schist, and amygdaloidal greenstone, greenstone breccia, tuff 3. Upper formation: pink and pale brown quartzite, feldspathic grit, argillite Middle formation: interbedded grey, green, brown, and purple slate and quartzite Lower formation: alternating sericitic quartzite and slate and phyllite; maroon slate; 3a, quartz-mica schist, micaceous quartzite</p> <p>WINDERMERE HORSETHIEF CREEK GROUP 1 1a Pale grey, dark grey, green, and maroon slate and phyllite quartzite, feldspathic quartzite, and grit, pebble conglomerate; minor limestone 1a, grey, silvery brown and golden brown quartz-mica schist, gneiss, pegmatite, and amphibolite (schists commonly contain garnet, staurolite, andalusite, and kyanite); 1b, limestone marble; 1c, coarse breccia; 1d, mainly slate; 1e, mainly grit and quartzite</p> <p>INTRUSIVE ROCKS A Granitic rocks, undivided; Aa, hypersthene-augite monzonite; Ab, hornblende granodiorite; Ac, hornblende-biotite granodiorite; Ad, biotite granodiorite; Ae, biotite granite; Af, porphyritic biotite granite</p>		<p>ROCKY MOUNTAIN TRENCH AND WESTERN ROCKY MOUNTAINS (WEST OF STEPHEN/DENNIS AND CHATTER CREEK FAULTS)</p> <p>QUATERNARY PLEISTOCENE AND RECENT 26 Glacial drift, silt, alluvium, alpine moraine; areas of little or no outcrop</p> <p>CAMBRIAN AND ORDOVICIAN UPPER CAMBRIAN AND LOWER ORDOVICIAN 18 19 18. MCKAY GROUP: green, grey, pale brown, pale grey to silvery limy slate and limestone, limestone-conglomerate and breccia 19. GOODSHIR GROUP: green limy slate and limestone, and limestone-conglomerate</p> <p>CAMBRIAN MIDDLE AND/OR UPPER CAMBRIAN 15 7 OTTERTAIL FORMATION: brownish grey weathering, grey and blue-grey limestone</p> <p>MIDDLE CAMBRIAN 8 9 10 CHANCELLOR FORMATION: 10. Upper unit: orange, green, maroon, and grey limy slate with interbeds of limestone, oolitic limestone, and conglomerate 9. Middle unit: interbedded grey limestone and rusty brown slate and dolomite 8. Lower unit: thin-bedded grey and greyish brown limestone and argillaceous limestone 8a, micaceous crystalline limestone, phyllite, and mica schist</p> <p>MIDDLE (?) CAMBRIAN 7 CANYON CREEK FORMATION: pale grey limy slate and grey limestone; 7a, mica schist</p> <p>LOWER CAMBRIAN 4 DONALD FORMATION: limestone</p> <p>3 Grey, brown, and pink quartzite, locally gritty and feldspathic; 3a, quartz-mica schist, micaceous quartzite, locally carrying garnet and kyanite</p> <p>INTRUSIVE ROCKS B Syenite, nepheline syenite</p>		<p>EASTERN ROCKY MOUNTAINS (EAST OF THE STEPHEN/DENNIS AND CHATTER CREEK FAULTS)</p> <p>QUATERNARY PLEISTOCENE AND RECENT 26 Glacial drift, silt, alluvium, alpine moraine; areas of little or no outcrop</p> <p>DEVONIAN UPPER DEVONIAN 25 Upper part: moderately resistant dark grey, thin-bedded limestone Lower part: cliff-forming pale grey thick-bedded limestone, locally mottled</p> <p>24 Recessive pale grey and tan dolomite, brown weathering, thin-bedded quartzite</p> <p>23 Main part: cliff-forming dark grey sandy dolomite, dolomite-breccia, local massive pale grey vuggy dolomite with stromatopora basal beds white, purple, green and brown crossbedded quartzite with interbeds of maroon and brown shale; minor limestone and brecciated dolomite at top</p> <p>ORDOVICIAN AND (?) SILURIAN 22 Upper formation: buff and grey dolomite, intraformational dolomite-breccia, lenses of quartzite Lower formation: buff and orange sandy dolomite dolomite-breccia, pale brown quartzite, and maroon shale</p> <p>ORDOVICIAN LOWER ORDOVICIAN 21 Cliff-forming, well-bedded, grey and brown dolomite, locally vuggy; minor chert</p> <p>CAMBRIAN AND ORDOVICIAN UPPER CAMBRIAN AND LOWER ORDOVICIAN 20 Recessive grey and green limy slate, intraformational limestone-breccia and conglomerate</p> <p>CAMBRIAN UPPER CAMBRIAN 17 Upper formation: cliff-forming grey limestone; lower part mainly clastic limestone with silty interbeds and chert lenses. Upper part mainly massive thick-bedded limestone with algal structures Middle formation: recessive interbedded grey limestone, brown, grey, and green slate, limestone-conglomerate, oolitic and algal limestone Lower formation: cliff-forming, well-bedded brownish grey weathering wavy laminated limestone, mottled grey and pale brown limestone, dolomite, chert lenses</p> <p>16 Recessive brown, orange, green, and grey slate with numerous interbeds of oolitic limestone and limestone conglomerate</p> <p>MIDDLE CAMBRIAN 14 Upper formation: two cliff-forming grey, mottled and laminated limestone units separated by recessive brownish grey dolomite, minor limestone. Algal structures in the thick limestones Lower formation: recessive, principally brown and subordinated greenish weathering, thin-bedded slaty dolomite, maroon and green slate, grey limestone, and limestone-breccia</p> <p>13 Upper formation: cliff-forming, brownish grey weathering, grey limestone, locally mottled, wavy laminated, and oolitic with more recessive argillaceous interbeds Lower formation: very resistant cliff-forming thin-bedded dark grey and light grey limestone partly altered to brown weathering dolomite</p> <p>12 Recessive unit of thin-bedded orange and grey limestone, locally mottled brown and grey, underlain by green limy shales and slates, limestone-breccia and conglomerate</p> <p>11 Cliff-forming, thick-bedded grey and brown laminated and mottled limestone, grey dolomite</p>	
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MAP 43-1962 TO ACCOMPANY PAPER 62-32
GEOLOGY
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(GOLDEN, WEST HALF)
BRITISH COLUMBIA - ALBERTA

Scale: One Inch to Four Miles = $\frac{1}{253,440}$ Miles

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