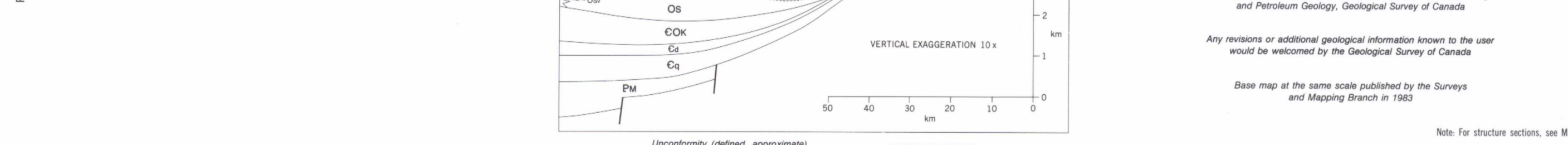


LEGEND

- QUATERNARY
 PLEISTOCENE AND RECENT
 Qal Gravel, sand, silt, clay, and silt
- CRETACEOUS
 UPPER CRETACEOUS (Cromerian)
 KD DUNVEGAN FORMATION: sandstone, shale, and conglomerate
- LOWER CRETACEOUS (Albian) AND UPPER CRETACEOUS (Cromerian)
 FORT ST. JOHN GROUP (Ks-Ku)
 KSu SULLY FORMATION: siliceous shale, siltstone, marl; includes some lower Cretaceous beds at the top
 KSk SIKANI FORMATION: fine grained sandstone; minor shale, coal, and conglomerate, marine
 KKh HUCROSE FORMATION: dark grey, concretionary shale, marl
 KGr GATES FORMATION: massive to thick-bedded sandstone; silty sandstone and shaly siltstone
 KM MOOSEBAR FORMATION: dark grey shale, marl
- LOWER CRETACEOUS (Barremian-Alpin)
 BULLHEAD GROUP (KGDm-KG)
 KGD BULLHEAD GROUP (CADOMIN/GETHING FORMATIONS) (undivided structure section)
 KGD CADOMIN FORMATION: massive conglomerate and conglomeratic sandstone, noramlite
- JURASSIC AND CRETACEOUS
 UPPER JURASSIC (Tithonian-Venkovian)
 MINNES GROUP (KJm-Kk)
 KJm BEATHE PEAKS FORMATION and younger beds: interbedded, fine grained sandstone and shale, marl. May include the Minnoch and DeWolf formations
 KJm MINNES GROUP (undivided)
 KJm BEATHE PEAKS FORMATION: interbedded, fine grained sandstone and shale, marl. May possibly include Minnoch Formation equivalents
 KJm MONTVETH FORMATION: massive, quartzitic sandstone. May include some Jurassic strata
- JURASSIC
 LOWER AND UPPER JURASSIC (Sinuian-Tithonian)
 JF FERNE FORMATION: phosphatic and siliceous shales; siltstone, minor sandstone, concretion
- TRASSIC
 UPPER TRASSIC (Norian)
 TBP PAROCHET FORMATION: carbonaceous and argillaceous limestone, silty limestone, calcareous and dolomitic siltstone
 TBP BALDOWNE AND PAROCHET FORMATIONS (undivided)
 TB BALDOWNE FORMATION: massive limestone and dolomite with siltstone and sandstone interbeds
 TC CHARLE LAKE FORMATION: dolomitic and calcareous sandstone; silty limestone; calcareous and minor shales (includes section)
 TLC LARD AND CHARLE LAKE FORMATIONS (undivided)
 TLC LARD FORMATION: massive, dolomitic to calcareous sandstone, calcareous and dolomitic siltstone, minor dolomite (structure section)
 TL LARD AND CHARLE LAKE FORMATIONS (undivided)
 TL LARD FORMATION: massive, dolomitic to calcareous sandstone, calcareous and dolomitic siltstone, minor dolomite (structure section)
 LOWER AND MIDDLE TRASSIC (Dorsbachian-Ladinian)
 TLD AND TLDG FORMATIONS: massive, calcareous siltstone, silty limestone, silty shale; minor silty dolomite and calcareous sandstone
- PERMIAN
 LOWER AND UPPER PERMIAN (Artinskian-Wardian)
 PF FANTASQUE FORMATION: massive, grey chert containing abundant spongy sponges
- CARBONIFEROUS AND PERMIAN
 LOWER CARBONIFEROUS TO UPPER PERMIAN
 STODART GROUP, KIRKLE AND FANTASQUE FORMATIONS (undivided structure sections)
 CPS STODART GROUP AND KIRKLE FORMATION (undivided)
 CP FANTASQUE FORMATION (undivided): massive limestone, dolomite, chert
- CARBONIFEROUS
 LOWER CARBONIFEROUS (Upper Visean-lower Namurian)
 STODART GROUP
 CS STODART GROUP (undivided): shaly sandstone; limestone and dolomite (structure section)
- LOWER CARBONIFEROUS (Lower Visean)
 PROPHEET FORMATION (C1-C2)
 CP2 Upper unit: massive, light grey limestone, and chert
 CP1 Lower and middle units: limestone, chert, dolomite, shale, and siltstone
- DEVONIAN AND CARBONIFEROUS
 UPPER DEVONIAN, LOWER CARBONIFEROUS
 DCB BECK RIVER FORMATION: shaly, calcareous shale, siltstone, calcareous siltstone, silty limestone, and limestone. Limestone member unit (DCB) includes limestone and silty, nodular limestone (structure section)
- DEVONIAN
 MIDDLE DEVONIAN
 DD DUNDW FORMATION: limestone, dolomite, argillaceous limestone; secondary, coarsely crystalline dolomite
- LOWER AND MIDDLE DEVONIAN
 STONE FORMATION (DS1-DS2)
 DS2 Upper unit: massive, light grey, medium crystalline dolomite
 DS1 Lower unit: medium to thick bedded, coarse and grey weathering, sandy dolomite and dolostone; quartz sandstone
- SILURIAN (S) AND DEVONIAN
 SILURIAN AND LOWER DEVONIAN
 SDM MUNCHO-MACDONNELL FORMATION: thick bedded to massive, light grey dolomite and sandy dolomite
- SILURIAN
 LOWER SILURIAN (Upper Llandovery)
 SN NODA FORMATION: dolomite, limestone, carbonaceous limestone and dolomite, black chert nodules and mass
- ORDOVICIAN
 UPPER ORDOVICIAN (Upper Canadian-Mahlgill)
 OSp Quartzite-dolomite unit: quartzite, dolomitic quartz sandstone; micropellicular dolomite with black chert nodules; carbonaceous, nodular limestone
- LOWER AND MIDDLE ORDOVICIAN (Llanvirn-Cambrian)
 OSl SILURIAN FORMATION: dolomite, carbonaceous and argillaceous dolomite; argillaceous limestone; dolomite; siltstone; limestone member unit (Osl) includes flows, pyroclastic, respractured volcanic sandstone and conglomerate
- CAMBRIAN AND ORDOVICIAN
 UPPERMOST CAMBRIAN AND LOWER ORDOVICIAN (Tempesteum-Armigian)
 MIDDLE DEVONIAN
 CCK CHESTER FORMATION: calcareous siltstone and shale; silty limestone; wavy bedded limestone; sandstone; minor, green weathering, altered calcareous beds
- CAMBRIAN
 MIDDLE
 Cd Dolomite unit: medium crystalline dolomite; sandy dolomite
- LOWER CAMBRIAN
 Cc Quartzite unit: orthoquartzite; calcareous shale; silty quartzite; siltstone, shaly. Possible equivalent of the Gid Group
- UPPER PROTEROZOIC
 MICHICAMBIAN GROUP
 Pm Phyllite and actinolite gneiss; quartzite; minor limestone. Carbonate member unit (Pm2) massive limestone and dolomite. Possible equivalent of the Byng Formation



Geology by R.L. Thompson, 1975-76, assisted by Douglas Noakes and Robin Day, 1975 and Scott Trupee and Neil Godfrey, 1976

Geological completion by R.L. Thompson

Geological cartography by S.D. Williams, Institute of Sedimentary and Petroleum Geology, 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 1983

Notes for structure section, see Map 1634A, sheet 2

Approximate magnetic declination 1987, 25°48' East, increasing 15.4' annually

Elevations in feet above mean sea level

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 1987. Geology, Gauvrau Creek, British Columbia. Geological Survey of Canada, Map 3-1986, scale 1:50 000.

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MAP 3-1986
 GEOLOGY
GAUVRAU CREEK
 BRITISH COLUMBIA

Scale 1:50 000

Kilometres 1 0 1 2 3 4 Kilometres

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 CM 123° Scale Factor 0.9996
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