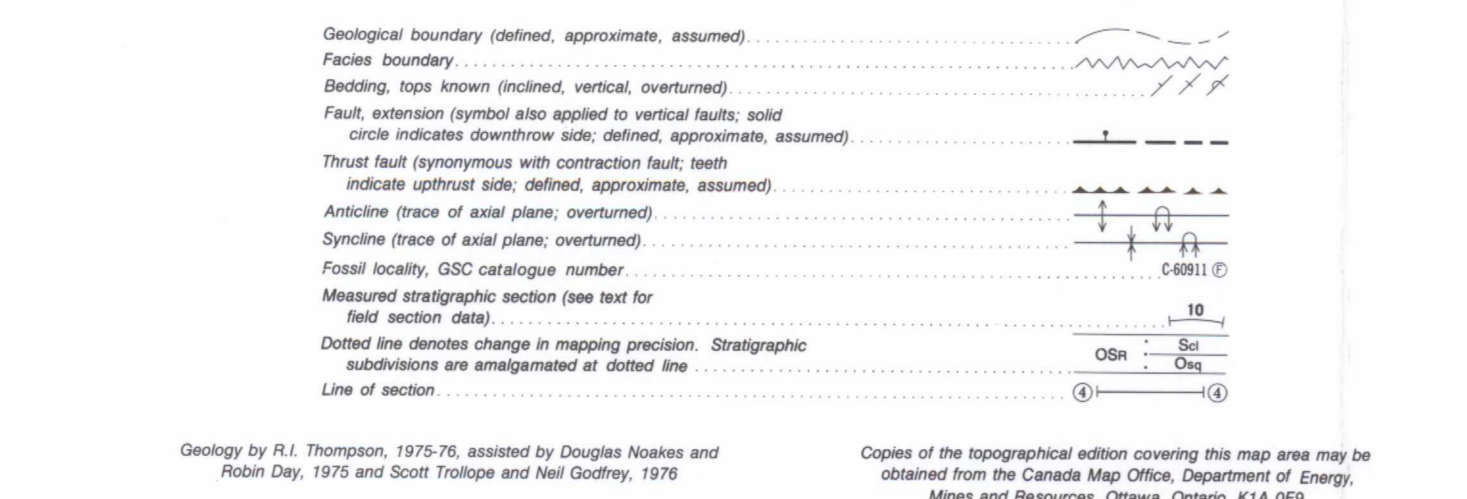
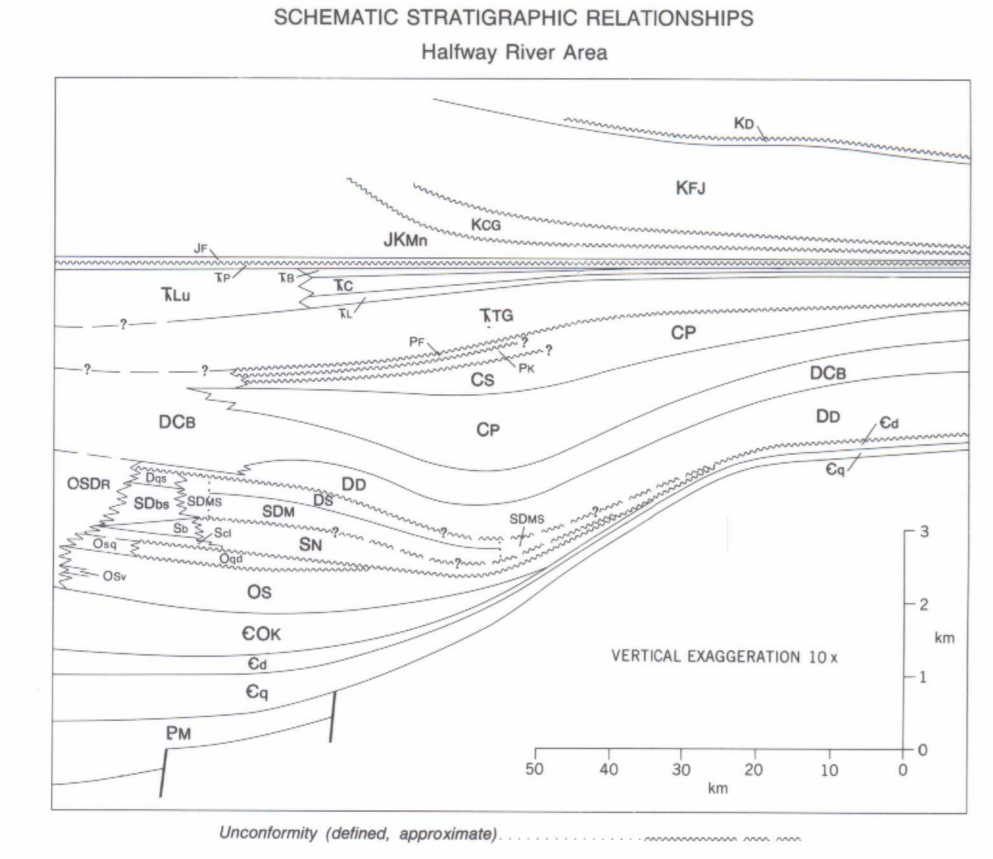


LEGEND
 Weighted legend blocks indicate map units that appear on the map

- QUATERNARY**
 Qs1 Gravel, sand, silt, clay, and silt
- CRETACEOUS**
 UPPER CRETACEOUS (Cenomanian)
 KD DUWEGAN FORMATION: sandstone, shale, and conglomerate
- LOWER CRETACEOUS (Albian) AND UPPER CRETACEOUS (Cenomanian)
 Fort St. John Group (Ks - Ks1)
 Ks1 SULLY FORMATION: siliceous shale, siltstone, marl, and some upper Cretaceous beds at the top
 Ks2 SKAMN FORMATION: fine grained sandstone, minor shale, silt, and conglomerate, marl
 Ks3 HILLCROSS FORMATION: dark grey, concretionary shale, marl
 Ks4 GATES FORMATION: massive to thick-bedded sandstone, grey sandstone and shale, silt, mudstone
 Ks5 MOCOSBAR FORMATION: dark grey shale, marl
- LOWER CRETACEOUS (Barremian-Aptian)
 BULLHEAD GROUP (Ks2 - Ks3)
 Ks2 GETHING FORMATION: fine grained sandstone, minor shale, silt, and conglomerate, marl and nonmarl
 Ks3 CADOMN FORMATION: massive conglomerate and conglomeratic sandstone, nonmarl
- JURASSIC AND CRETACEOUS**
 UPPER JURASSIC (Tithonian-Vauxegian)
 MINNES GROUP (Ks4 - Ks5)
 Ks4 BEATTIE PEAKS FORMATION: massive, quartzitic sandstone
 Ks5 BEATTIE PEAKS FORMATION: interbedded, fine grained sandstone and shale, marl. May possibly include Monach Formation equivalents
 JKM MONTEITH FORMATION: massive, quartzitic sandstone. May include some Jurassic strata
- LOWER JURASSIC (Sinuotian-Tithonian)
 JF FERNE FORMATION: phosphatic and siliceous shales, siltstone, minor sandstone, marl
- TRIASIC**
 UPPER TRIASIC (Norian)
 TP PARSONET FORMATION: carbonaceous and argillaceous limestone, silty limestone, calcareous and dolomitic siltstone
 TB BALDOWNE FORMATION: massive limestone and dolomite with siltstone and sandstone interbeds
 TC CHARLE LAKE FORMATION: dolomite and calcareous sandstone, siltstone, sandy limestone, dolomite, and minor shale (structure section)
 TL LARD FORMATION: massive, dolomite to calcareous limestone, calcareous and dolomitic siltstone, minor dolomite (structure section)
- LOWER AND MIDDLE TRIASIC (Griesbachian-Ladinian)
 TUG TOAD AND GRAYRIVER FORMATIONS: 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 sponge siltstone
- LOWER PERMIAN (Asselin-Salmatian)
 PK KINLOCH FORMATION: siltstone, shale, and limestone (mapped as part of the Stoddart Group) (structure section)
- CARBONIFEROUS AND PERMIAN**
 CP STODDART GROUP, KINLOCH AND FANTASQUE FORMATIONS (undivided) (structure section)
- CARBONIFEROUS**
 LOWER CARBONIFEROUS (Upper Vauxegian-Namurian)
 CS STODDART GROUP
 CS1 BELLA FORMATION: and JULES FALL FORMATIONS (undivided): shale, sandstone, limestone, and dolomite (structure section)
 LOWER CARBONIFEROUS (Lower Vauxegian-Namurian)
 CP1 PROPHET FORMATION (undivided): massive limestone, dolomite, chert
- DEVONIAN AND CARBONIFEROUS**
 UPPER DEVONIAN/LOWER CARBONIFEROUS
 DCR DCR1 BELLA RIVER FORMATION: shale, calcareous shale, siltstone, calcareous siltstone, silty limestone, and limestone
 DCR2 DCR21 LAMARCA FORMATION: limestone, and silty, nodular limestone unit (DCR2): limestone, and silty, nodular limestone
- DEVONIAN**
 D0 DUNDEN FORMATION: limestone, dolomite, argillaceous limestone, secondary, coarse crystalline dolomite
 D22 D221 UPPER unit: massive, light grey, medium crystalline dolomite (structure section)
 D222 D2221 Lower unit: medium to thick bedded, ochre and grey weathering, sandy dolomite and dolomitic, quartz sandstone
- SILURIAN (S1) AND DEVONIAN**
 SDM MUNCHO-MACDONNELL FORMATION: thick bedded to massive, light grey dolomite and sandy dolomite
- SILURIAN**
 LOWER SILURIAN (Llandoveryan)
 S11 NONGA FORMATION: dolomite, limestone, carbonaceous limestone and dolomite; black chert nodules and lenses
- ORDOVICIAN**
 UPPER ORDOVICIAN (upper Cambrian-Frangipian)
 Osd1 Quartzite-dolomite unit; quartzite, dolomitic quartz limestone, micropellicular dolomite with black chert nodules; carbonaceous, nodular limestone
 Osd2 Lower and middle units: limestone, chert, dolomite, shale, and siltstone
- LOWER AND MIDDLE ORDOVICIAN (Llanomalina-Cambrian)**
 Osd3 SLOW FORMATION: dolomite, carbonaceous and argillaceous dolomite; argillaceous limestone, dolomitic siltstone, volcanic tuff and (Osd3) basaltic flow, pyroclastic, reworked volcanic sandstone and conglomerate
- CAMBRIAN AND ORDOVICIAN (Uppermost Cambrian-Trempealeau-Anglian)**
 COK CHOKO GROUP
 C01 Chert, argillaceous, calcareous siltstone and shale, silty limestone, very bedded siltstone, sandstone, minor green weathering, altered volcanic beds
- MIDDLE CAMBRIAN**
 C2 Dolomite unit: medium crystalline dolomite; sandy dolomite
- LOWER CAMBRIAN**
 C1 Quartzite unit: orthoquartzitic calcareous shale; silty quartzite; siltstone, shale. Possible equivalent of the Dog Group
- UPPER PROTEROZOIC**
 MICHICOMA GROUP
 Pn1 Pn2 Phyllic and schistose gneiss, quartzite, minor limestone, calcareous marble unit (Pn2): massive limestone and dolomite. Possible equivalent of the Snyg Formation



Geology by R.L. Thompson, 1975-76, assisted by Douglas Nisbet and Robin Day, 1975 and Scott Trope and Neil Godfrey, 1976
 Geological completion by R.L. Thompson
 Geological cartography by H. O'Brien, 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 1963
 Copies of the topographical edition covering this map area may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, Ontario, K1A 0S8
 Recommended citation:
 Thompson, R.L.
 1987. Geology, Mount Lady Laurier, British Columbia. Geological Survey of Canada, Map 6-1986, scale 1:50 000
 Base map at the same scale published by the Survey and Mapping Branch in 1963
 Note: For structure section, see Map 1634A, sheet 2



MAP 6-1986
 GEOLOGY
MOUNT LADY LAURIER
 BRITISH COLUMBIA
 Scale 1:50 000
 Kilometers 1 0 1 2 3 4 Kilometers
 Transverse Mercator Projection
 CM 1251, Scale Factor 0.9996
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