



- OVERLAP ASSEMBLAGES**
- QUATERNARY**
- RECENT**
- Ro** BOC DEPOSITS: muck and peat
 - Rb** LANDSLIDE DEPOSITS: redistributed Quaternary deposits
 - Rf** FLUVIAL DEPOSITS (Rf-Rff)
 - Rff** Fan Deposits: poorly sorted mixtures of gravel, sand and silt
 - Rf** Alluvial Deposits: sand, gravel, silt, minor muck and peat; includes terraces and meandered, braided and anastomosing systems
- PLEISTOCENE**
- FRASER GLACIATION (Pfm-Pfi)**
- GLACIOLACUSTRINE DEPOSITS (Pfb-Pfi)**
- Pfi** Lake Deposits: silt, clay, and fine to medium sand
 - Pfb** Beach Deposits: poorly sorted gravel and sand generally less than 10 feet thick
- GLACIOLUVIAL DEPOSITS (Pfm-Pfi)**
- Pfi** Proglacial Stratified Drift: sand, gravel, and minor silt characterized by flat topography broken in places by kettle holes and terrace slopes
 - Pfb** Ice-contact Stratified Drift: poorly sorted sand and gravel characterized by hummocky and kettled topography; Pfbk same gravel and sand; Pffe esker gravel and sand
 - Pfm** Ground moraine till; includes minor sand, gravel, and silt within and on top of till; includes such features as drumlinoid ridges and rill deposits
- PRE-FRASER GLACIATION (ST) (Pd)**
- Pd** GLACIAL AND NON-GLACIAL DEPOSITS: gravel, sand, silt, clay, and till
- TERTIARY**
- OLIGOCENE AND MIOCENE**
- FRASER BEND, AUSTRALIAN CREEK AND CROWNITE FORMATIONS:** poorly consolidated to unconsolidated conglomerate (gravel), sandstone, and mudstone (clay to silt); minor diatomite, lignite (brown peaty coal), and basalt; outcrop areas are locally exaggerated.
- uTS**
- MIOCENE AND PLEISTOCENE**
- uTC** CHILCOTIN GROUP: olivine basalt, andesite, related tuff and breccia
- EOCENE AND (?) OLIGOCENE**
- EOE** ENDAKO GROUP: basaltic, andesitic, and dacitic breccia and flows, minor shale, sandstone and conglomerate; may include small areas of younger volcanics;
- PALEOCENE (?) AND EOCENE**
- ITOL** OOTSA LAKE GROUP: rhyolite, dacite, trachyte, related tuff and breccia; minor sediments
 - ETi** Quartz feldspar porphyry
- CRETACEOUS**
- EARLY CRETACEOUS**
- KN** NAVER PLUTON: potassium feldspar megacrystic biotite granite, quartz monzonite, monzonite, granodiorite, and minor apatite and pegmatite; includes some screenworks of country rocks
 - KI** Biotite granite, quartz monzonite, monzonite, and granodiorite; includes some suspected satellites of the Naver Pluton
- JURASSIC**
- MIDDLE JURASSIC**
- mJi** STÉ. MARIE PLUTON: potassium feldspar megacrystic hornblende quartz monzonite, granodiorite and granite
- Geological boundary (assumed and approximate).....**
- Bedding, tops unknown (inclined, vertical).....**
- Bedding, tops known (inclined, vertical, overturned).....**
- Foliation, inclined (earliest, second).....**
- Bedding parallel to foliation.....**
- Lineation, plunging (earliest, second).....**
- Fold axis, plunging (earliest, second).....**
- Bedding and fold axis.....**
- Cleavage and fold axis.....**
- Joint (inclined, vertical).....**
- Fault (assumed and approximate).....**
- Thrust (assumed and approximate).....**
- Isolated small outcrop..... x**

- PENNSYLVANIAN AND/OR PERMIAN**
- CACHE CREEK GROUP (uPCCc-uPCCi)**
- uPCCi** Grey limestone, minor greenstone, chert and argillite
 - uPCCv** Serpentinite and minor basalt
 - uPCCc** Dark grey ribbon chert, argillite, greenstone, minor limestone, serpentinite, and basalt
- QUESNEL TERRANE**
- TRIASSIC AND JURASSIC**
- NICOLA GROUP (TJNa-TJNi)**
- UPPER TRIASSIC AND LOWER JURASSIC**
- TJNi** Syenite, monzodiorite; sub-volcanic intrusive phases, probably mainly lower Jurassic
- MIDDLE AND UPPER TRIASSIC**
- TJNi** Limestone, quartz sandy limestone, slate
 - TJNd** Basalt agglomerate and breccia, conglomerate and lesser amounts of tuff and argillite
 - TJNc** Augite porphyry basalt tuff, breccia, minor flows, and tuffaceous argillite and siltite; local andesitic basalt
 - TJNb** Basaltic tuff, tuffaceous siltite and argillite, greywacke, and slate; minor basalt breccia and agglomerate; TJNb, polystratified conglomerate
 - TJNo** Slate, argillite, phyllite, fine-grained and minor coarse-grained greywacke, and lesser amounts of tuff and tuffaceous siltite and argillite
- SLIDE MOUNTAIN TERRANE**
- MISSISSIPPIAN TO PERMIAN**
- SLIDE MOUNTAIN GROUP (uPSMc-uPSMa)**
- ANTLER FORMATION: (uPSMaQ-uPSMaS)**
- uPSMaS** Phyllite and minor micritic limestone
 - uPSMaD** Diorite
 - uPSMaC** Dacitic tuff and agglomerate
 - uPSMaB** Grey and olive ribbon chert, slate and argillite
 - uPSMaG** Basalt pillows and breccia, diorite, and minor serpentinite
 - uPSMc** CROOKED AMPHIBOLITE: serpentinite and sheared ultramafic rock, amphibolite and talc
- BARKERVILLE TERRANE**
- PROTEROZOIC(?) AND PALAEZOIC(?)**
- SNOWSHOE GROUP (PPSa-PPSb)**
- PPS** Grey and olive-grey schistose quartzite, schist, phyllite, marble, amphibolite, siltite, and minor white to dark grey quartzite
 - PPSa** Light grey orthoquartzite, grey schistose quartzite, schist and phyllite
- CARIBOO TERRANE**
- TRIASSIC**
- MIDDLE AND UPPER TRIASSIC**
- Ti** Light grey shelly limestone, platy micritic limestone, dark grey slate
- CAMBRIAN**
- Ci** Grey limestone, minor bioclastic limestone and slate
- Glacial striation.....**
- Meltwater channel (small, medium, large).....**
- Drumlinoid ridge, crag and tail hill (direction of ice movement known, unknown).....**
- Esker (points in direction of stream flow).....**
- Landslide scar.....**
- Mineral occurrence with commodity, and MINFILE number and name.....**
- Fossil locality number corresponds to that of separate listing.....**
- Location of isotopic age determination.....**
- b = biotite, h = hornblende, K = potassium-argon method, z = uranium-lead method on zircon age in millions of years before present**

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\$10.00

COMMODITIES

Au Gold
 Ag Silver
 Bi Bismuth
 CLAY Clay
 Cu Copper
 DIAT Diatomite
 GRPT Graphite

LMST Limestone
 Mn Manganese
 Mo Molybdenum
 Pb Lead
 Pt Platinum
 V Tungsten
 Zn Zinc

PRINCE GEORGE
 BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Geology
 Scale 1:250 000 Échelle 1:250 000

Miles 5 10 15 20 25 30 Miles
 Kilometres 5 10 15 20 25 30 Kilometres

Magnetic declination 1980 varies from 23°0' easterly at centre of sheet edge to 22°40' easterly at centre of east edge. Mean annual change decreasing 0.2°

En 1980, la déclinaison magnétique varie de 23°0' vers l'est au centre de l'extrémité ouest de la feuille à 22°40' vers l'est au centre de l'extrémité est. La variation annuelle moyenne diminue de 0,2°

