LEGEND

CENOZOIC

TERTIARY

- **Tvd** — *high level porphyritic felsic intrusions, rhyolite and dacite*

PALEOGENE

- **Pvd** — *dacite dykes*
- **Pg** — *granite, quartz monzonite*

MESOZOIC AND CENOZOIC

CRETACEOUS AND TERTIARY

- **KTs** — *SIFTON FORMATION: conglomerate, sandstone, shale, coal; locally abundant dacitic volcanic rocks*
- **KTu** — *USLIKA FORMATION: non-marine conglomerate, sandstone, siltstone, mudstone, minor coal*

CRETACEOUS AND/OR TERTIARY

- **KTg** — *coarse grained hornblende granite; includes Blackpine Lake Stock and two mica granite phases*

MESOZOIC

CRETACEOUS

UPPER CRETACEOUS

- **uKs** — *SUSTUT GROUP: non-marine sandstone, conglomerate and siltstone, grey-green to brown or red brown, thin to thickly bedded and friable, abundant thin coaly lenses*

MAASTRICHTIAN

- **K W** — *WAPITI FORMATION: feldspathic, calcareous sandstone; minor conglomerate, carbonaceous shale and coal*

SANTONIAN AND CAMPANIAN

- **K K** — *KOTANEELEE FORMATION: dark grey marine shale, siltstone, sandstone; minor conglomerate*

CENOMANIAN

- **K D** — *DUNVEGAN FORMATION: massive conglomerate, fine to coarse-grained sandstone, carbonaceous shale (marine and non-marine)*

LOWER AND UPPER CRETACEOUS

ALBIAN AND CENOMANIAN

FORT ST. JOHN GROUP (K GT to K SJU)

- **K SJU** — *SULLY FORMATION: dark grey sideritic marine shale and siltstone*

LOWER CRETACEOUS

ALBIAN

- **K Sk** — *SIKANNI FORMATION: fine-grained grey sandstone, siltstone, shale*
- **K L** — *LEPINE FORMATION: dark, sideritic mudstone and shale*
- → **K Sh** — *SHAFTESBURY FORMATION: sideritic dark marine shale and siltstone*

SCATTER FORMATION (K S-B, K S-W and K S-T)

- **K S-T** — *Tussock Member: grey sandstone, siltstone, shale*
- **K S-W** — *Wildhorn Member: concretionary shale*
- **K H** — *HULCROSS FORMATION: dark grey, concretionary shale; marine*
- **K S-B** — *Bulwell Member: glauconitic sandstone, siltstone*
- **K Gt** — *GATES FORMATION: sandstone, platy sandstone and shale, silty mudstone*
- **K Gr** — *GARBUTT FORMATION: sideritic grey siltstone and shale may include unit K Ch*
- **K M** — *MOOSEBAR FORMATION: dark grey shale; marine*
- **K Ch** — *CHINKEH FORMATION chert pebble conglomerate, quartz arenite, argillaceous siltstone*
- → **K Sc** — *SCATTER FORMATION, undivided*
- **K GHB** — *GATES, HULCROSS AND BOULDER CREEK FORMATIONS*
- **K ss** — *sandstone in BUCKINGHORSE FORMATION*
- → **K B** — *BUCKINGHORSE FORMATION: dark grey marine shale, siltstone, sideritic concretions; minor sandstone (marine)*
- → **K FSJ** — *FORT ST. JOHN GROUP, undivided*

EARLY CRETACEOUS

HOGEM INTRUSIVE COMPLEX (Jy, Jmz, Kmd, Kg)

- **Kg** — *OSILINKA STOCKS: granite, granodiorite*
- **Kmd** — *MESLINKA PLUTON: monzodiorite*

LOWER CRETACEOUS

VALANGINIAN TO APTIAN

BULLHEAD GROUP (K B-C, K B-G)

- **K B-G** — *GETHING FORMATION: fine-grained sandstone, minor shale, coal and conglomerate (marine and non-marine); glauconitic at top, dark marine shale in middle in Fort Nelson (94J) map area.*
- **K B-C** — *CADOMIN FORMATION: massive conglomeratic sandstone, sandstone, minor carbonaceous shale*
- **K cg** — *pebbly conglomerate, grey-brown and maroon sandstone, and dark grey argillite; may contain thin coal lenses in Mesilinka River (94C) map area; possibly correlative to the Skeena Group*

VALANGINIAN

MINNES GROUP (JK MM and K M-BP)

- **K M-BP** — *BEATTIE PEAKS FORMATION: siltstone, mudstone, channel-fill sandstone (marine)*

UPPER JURASSIC AND LOWER CRETACEOUS

- **JK M-M** — *MONTEITH FORMATION: massive quartzitic sandstone, interbedded sandstone and shale; minor conglomerate (marine)*
- → **JK M** — *MINNES GROUP, undivided (MONTEITH, BEATTIE PEAKS, MONARCH AND BICKFORD FORMATIONS)*
- → **JK MB** — *MINNES AND BULLHEAD GROUPS*

JURASSIC

- **J F** — *FERNIE FORMATION: phosphatic and sideritic shales, siltstones, minor sandstones (marine)*

EARLY JURASSIC

HOGEM INTRUSIVE COMPLEX (Jy, Jmz, Kmd, Kg)

- **Jmz** — *porphyritic monzonite, often crowded with phenocrysts; 182-205 Ma; equigranular to porphyritic monzonite, quartz monzonite, granodiorite, monzodiorite, diorite*
- **Jy** — *DUCKLING CREEK SYENITE COMPLEX: foliated migmatitic syenite and leucocratic syenite; hosts the Lorraine deposit*
- **Jub** — *POLARIS ULTRAMAFIC COMPLEX: undifferentiated dunite, wehrlite and gabbro and associated intrusions*

TRIASSIC AND/OR JURASSIC

UPPER TRIASSIC (?) AND LOWER JURASSIC

TAKLA GROUP (TR tf, TR tp, TR tv, TR J T)

- **TR J T** — *grey-brown to maroon basalt and agglomerate; aphanitic or amygdaloidal to plagioclase, pyroxene, quartz, olivine porphyritic; lesser tuff and lapilli tuff; contains monzonite clasts*
- **TR Jns** — *amphibole-biotite-potassium feldspar gneiss and schist; minor garnetiferous, calcareous mica schist; associated with pyroxenite of unit TR Jub; probably metamorphosed equivalents of unit TR J T*

LATE TRIASSIC TO EARLY JURASSIC

- **TR Jdi** — *TENAKIHI INTRUSIVE COMPLEX: diorite to monzodiorite, grey to dark green, fine to coarse grained, massive to layered with cumulate textures, pyroxene and hornblende bearing*
- **TR Jub** — *WASI and AIKEN LAKE INTRUSIVE COMPLEXES: serpentinite, pyroxenite, hornblendite, peridotite and gabbro*
- **TR Jb** — *AIKEN LAKE INTRUSIVE COMPLEX: fine to coarse grained gabbro and diorite with minor pyroxenite, hornblendite and serpentinite*
- **TR Jmz** — *equigranular coarse and medium grained monzonite; includes the Mt. Milligan pluton*

TRIASSIC

LATE TRIASSIC

- **TR b** — *hornblende gabbro*

UPPER TRIASSIC

TAKLA GROUP (TR tf, TR tp, TR tv, TR J T)

- **TR tv** — *volcanic flows, breccia and agglomerates; rocks bearing augite with lesser plaitociase; minor tuffs, green with lesser maroon; includes Witch Lake, Willy George Vega Creek and part of Plughat Mountain successions*
- **TR tp** — *argillite; minor limestone,tuff, agglomerate; includes part of Plughat Mountain succession*
- **TR tf** — *tuffs, cherty tuffs, siliceous argillite. Includes parts of Plughat Mountain and Inzana Lake successions*
- **TR P** — *PARDONET FORMATION: argillaceous limestone, siltstone*
- **TR B** — *BALDONNEL FORMATION: limestone; minor siltstone, shale, quartz arenite*
- → **TR BP** — *BALDONNEL AND PARDONET FORMATIONS*
- **TR CL** — *CHARLIE LAKE FORMATION: calcareous siltstone; minor limestone*
- **TR Li** — *LIARD FORMATION: dolomitic and calcareous sandstone, siltstone*
- → **TR LC** — *LIARD AND CHARLIE LAKE FORMATIONS*
- → **TR LBP** — *LUDINGTON, BALDONNEL AND PARDONET FORMATIONS*
- **TR Lu** — *LUDINGTON FORMATION: calcareous siltstone, limestone; equivalent to LIARD, CHARLIE LAKE AND BALDONNEL FORMATIONS*

LOWER AND MIDDLE TRIASSIC

- **TR T** — *TOAD FORMATION: calcareous siltstone, shale; minor sandstone, limestone*

LOWER TRIASSIC

- **TR G** — *GRAYLING FORMATION: calcareous shale, basal sandstone in Toad River (94N) map area; shale, siltstone; minor sandstone in Fort Nelson (94J) map area*
- → **TR GT** — *GRAYLING AND TOAD FORMATIONS*
- → **TR s** — *GRAYLING, TOAD, LIARD, CHARLIE LAKE, LUDINGTON, PARDONET AND BALDONNEL FORMATIONS; may include HALFWAY FORMATION and Grey Beds in southwest; dolomitic siltstone; minor silty limestone, dolostone in Ware (94F W/2) map-area*

PALEOZOIC OR MESOZOIC

- **PM b** — *diorite and gabbro in the LAY RANGE ASSEMBLAGE; may be coeval with or related to the Polaris Ultramafic Complex*

PALEOZOIC AND MESOZOIC

UPPER CARBONIFEROUS TO TRIASSIC

- **C TR cc** — *CACHE CREEK GROUP: pelagic sediments: includes mixed argillite, siliceous argillite, chert, ribboned chert, siltstone, phyllite and sandstone often with small pods or interbedded limestone, mafic volcanics and ultramafic rocks*

PALEOZOIC

PERMIAN

- **Pb** — *fine to medium grained gabbro; intrusive into the LAY RANGE ASSEMBLAGE*
- **P F** — *FANTASQUE FORMATION: dark grey chert*
- **P K-T** — *KINDLE FORMATION, TIKA Beds silty limestone and dolostone, calcareous quartz arenite*

LAY RANGE ASSEMBLAGE (C ub, C c, C s, P v)

- **P v** — *crystal and lapilli tuff, volcanic sandstone; minor green, locally maroon agglomerate, augite plagioclase and augite olivine porphyritic basalt, chert, siltstone, siliceous argillite, quartzite-bearing grit, conglomerate*

LATE CARBONIFEROUS OR PERMIAN

- **CP b** — *fine to medium grained gabbro sills which intrude the Mt. Howell succession of the NINA CREEK GROUP in Manson River (93N) and Mesilinka River (Fort Grahame) (94C) map areas*

CARBONIFEROUS AND PERMIAN

- **CP SF** — *STODDART GROUP AND FANTASQUE FORMATION: siltstone, shale; minor sandstone, chert and limestone (marine); includes KINDLE FORMATION in Halfway River (94B) map area*
- **CP tc** — *"Western" PROPHET, KINDLE AND FANTASQUE FORMATIONS: cherty limestone and chert, shale, siliceous mudstone, siltstone*
- **CP k** — *KINDLE FORMATION: grey-brown, fine-grained calcareous sandstone, siltstone; dark grey shale; includes correlatives of MATTSON FORMATION, STODDARD GROUP AND FANTASQUE FORMATION*

NINA CREEK GROUP (CP NH, CP PR)

- **CP PR** — *PILLOW RIDGE SUCCESSION: basalt, massive to pillowed, volcanic breccia, gabbro, chert, cherty argillite*
- **CP MH** — *MT. HOWELL SUCCESSION (includes Late Carboniferous to Permian gabbro sills): siltstone, basalt, wacke, dacite*

PHANEROZOIC

CARBONIFEROUS

LAY RANGE ASSEMBLAGE (C ub, C c, C s, P v)

- **C s** — *bedded siliceous siltstone, argillite, slate, and sandstone, siliceous pale green tuff, bedded chert, volcanic sandstone and siltstone, limestone, quartzite, quartz sandstone or quartz rich felsic tuff, and heterolithic conglomerate*
- **C c** — *grey massive limestone, fossiliferous*
- **C ub** — *sepentinite, foliated to mylonitic gabbro, amphibolite; minor foliated basalt*
- **C M-u** — *MATTSON FORMATION, upper member: arenite, limestone, shale*
- **C M-m** — *MATTSON FORMATION, middle member: arenite; minor siltstone, shale, coal*
- **C M-l** — *MATTSON FORMATION, lower member: quartz arenite, siltstone, shale*
- → **C M** — *MATTSON FORMATION: fine and medium grained quartzose sandstone, sandy shale.*
- **C F** — *FLETT FORMATION: limestone, crinoidal, sandy; minor shale*
- → **C St** — *STODDART GROUP: shale, calcareous sandstone, bedded carbonate (includes GOLATA, KISKATENAW AND TAYLOR FLAT FORMATIONS)*

LOWER CARBONIFEROUS

PROPHET FORMATION

- **C P-C** — *MEMBER C: limestone, shale, spiculite; approximately equivalent to DEBOLT FORMATION in subsurface*
- **C P-B** — *MEMBER B: thick-bedded chert, bioturbated limestone, spiculite*
- **C P-A** — *MEMBER A: thin-bedded chert, shale*
- → **C P** — *PROPHET FORMATION: limestone, cherty limestone, chert, dolomite, shale, siltstone (marine); includes KINDLE AND FANTASQUE FORMATIONS at top in Fort Nelson (94J) and tan to dark grey chert in Ware (94F) map areas*

EARLY CARBONIFEROUS

- **Cca** — *Dolomite carbonatite, calcite carbonatite, alkali syenite; ferro-carbonatite and lamprophyre dykes, ultrabasic diatreme breccia; includes Aley complex and Opsilka pipe (330 - 350 Ma)*

DEVONIAN TO PERMIAN

LOWER (?) DEVONIAN TO PERMIAN

- **DP BC** — *BIG CREEK GROUP: shale, argillite, slate, calcareous argillite, limestone, tuffaceous argillite; equivalent to DC E ; includes Upper Permian tuff*

DEVONIAN TO CARBONIFEROUS

UPPER DEVONIAN AND LOWER CARBONIFEROUS

- **DC GT** — *GILLILAND TUFF: dacitic tuff; equivalent to DC E*

EARN GROUP (D E-G , DC Ecg , DC Ep , DC E-A)

- **DC E-A** — *AKIE FORMATION: silty shale; minor siltstone*
- **DC Ep** — *black shale; minor sandstone, conglomerate and barite*
- **DC Ecg** — *polymictic conglomerate*
- → **DC E** — *EARN GROUP; undivided*

DEVONIAN

UPPER DEVONIAN

- **D E-G** — *GUNSTEEL FORMATION: chert, cherty mudstone, argillite, shale, barite*

MIDDLE DEVONIAN

- **D D** — *DUNEDIN FORMATION: grey, well bedded, fine grained limestone, minor calcarenite*
- **D OL** — *OTTER LAKES GROUP: dark grey to black limestone and dolomite; equivalent to the McDAME GROUP*

LOWER AND MIDDLE DEVONIAN

- **D c** — *limestone reefs; minor argillite and chert*
- **D s** — *STONE FORMATION: light grey, very finely crystalline dolomite, dolomite breccia*

LOWER DEVONIAN

- **D w** — *WOKKPASH FORMATION: yellow weathering, fine grained sandstone, dolomite, siltstone; minor solution breccia*

SILURIAN AND DEVONIAN

UPPER SILURIAN TO MIDDLE DEVONIAN

- **SD c** — *MUNCHO-McCONNELL, WOKKPASH, STONE, DUNEDIN (PINE POINT) AND KEG RIVER FORMATIONS: dolostone, dolomite, limestone, sandstone; minor shale, argillite, chert, reefal limestone*

SILURIAN AND DEVONIAN

UPPER SILURIAN AND LOWER DEVONIAN

- **SD MM** — *MUNCHO-McCONNELL FORMATION: medium grey, finely crystalline dolomite; minor shale and sandstone*

SILURIAN AND DEVONIAN

UPPER SILURIAN TO MIDDLE DEVONIAN

- **SD RR** — *ROAD RIVER GROUP (OR Rv , OR R , S Rr , SD Rr) rusty-weathering black silty shale, limy siltstone, limestone debris flows, calcarenite, graptolitic black shale, quartzose conglomerate and wacke near carbonate platform and reefs, quartzite, chert, sandstone, sandy dolomite, sedimentary breccia; may include upper part of KWADACHA FORMATION*

MIDDLE DEVONIAN TO LOWER CARBONIFEROUS

- **DC BR** — *BESA RIVER FORMATION: dark grey, pyritic, siliceous shale; calcareous shale, siltstone, calcareous siltstone, silty limestone and limestone (marine); minor sandstone, conglomerate, barite*

PHANEROZOIC

SILURIAN

LOWER SILURIAN

- **S n** — *NONDA FORMATION: dark grey medium crystalline cherty dolostone, sandstone, minor orthoquartzite (marine) in Toad River (94N) map area; limestone, dolostone, carbonaceous limestone and dolostone, chert nodules and lenses in Halfway River (94B) map area*

ORDOVICIAN

UPPER ORDOVICIAN

- **uOs** — *sandstone, dolostone; minor siltstone, marine shale*

LOWER AND MIDDLE ORDOVICIAN

EARLY ARENIG TO EARLY CARADOC

- **O Sk** — *SIKOKI FORMATION: dolostone, carbonaceous and argillaceous dolostone and limestone, dolomitic siltstone; includes basaltic flows, pyroclastics, volcanic sandstone and conglomerate, and unnamed quartzite-dolomite unit in Halfway River (94B) map area*
- **Oc** — *dolomite*

CAMBRIAN AND ORDOVICIAN

UPPER CAMBRIAN AND LOWER ORDOVICIAN

KECHIKA FORMATION (Ꞓk, ꞒOk)

- **ꞒOk** — *phyllitic calcareous shale, argillaceous limestone, grainstone; includes MOUNT APRIL FORMATION in Fort Grahame (Mesilinka) (94C) map area*

CAMBRIAN

UPPER CAMBRIAN

- **Ꞓk** — *recessive, silver grey weathering, slightly nodular, fine-grained limestone and silty limestone*
- **uꞒs** — *calcareous fine-grained turbidites, limestone debris flows, sandstone (marine)*

MIDDLE AND UPPER CAMBRIAN

- **Ꞓl** — *LYNX FORMATION: nodular limestone, limestone pebble conglomerate, calcarenite (marine).*

MIDDLE CAMBRIAN

- **mꞒc** — *limestone, thick-bedded to massive, crypto- to coarse-grained, oolitic in part; medium crystalline dolostone, sandy dolostone; equivalent to SNAKE INDIAN, CATHEDRAL, STEPHEN, TITKANA, ELDON, PIKA, ARCTOMY'S AND WATERFOWL FORMATIONS*
- **mꞒsp** — *siliceous fine-grained turbidite, sandstone, shale, conglomerate (marine)*
- **mꞒp** — *shale, calcareous shale, limestone debris flows (marine)*

LOWER AND MIDDLE CAMBRIAN

- **Ꞓs** — *quartzite, orange weathering dolostone, minor siltstone, shale (marine); may locally include LYNX FORMATION equivalents*
- **lmꞒs** — *red weathering coarse conglomerate, sandstone; minor limestone; equivalent to units lꞒcs and mꞒsp*
- **lꞒcs** — *dolostone, sandstone, minor shale; thick basal sandstone, conglomerate (marine, may include Middle Cambrian in upper part of carbonate unit)*
- **ꞒGL** — GULL LAKE FORMATION: sandstone, siltstone, shale, conglomerate; minor limestone

CAMBRIAN AND ORDOVICIAN

LOWER CAMBRIAN AND LOWER ORDOVICIAN

- **ꞒOs** — units lmꞒs and ꞒOk

LOWER CAMBRIAN

ATAN GROUP (Ꞓaq to Ꞓa-MK)

- **Ꞓa-MK** — *MT. KISON LIMESTONE: basal thin platy limestone; upper thick bedded to massive limestone and rare dolomite*
- **Ꞓa-R** — *ROSELLA FORMATION: limestone, dolostone, shale*
- **Ꞓac** — *limestone, minor dolostone (marine), sandstone, shale*
- **Ꞓas** — *impure quartzite, shale, local sandstone, conglomerate; minor limestone*
- **Ꞓa-MB** — *MT. BROWN QUARTZITE: basal orthoquartzite; upper siltstone, shale, sandstone*
- **Ꞓa-B** — *BOYA FORMATION: basal orthoquartzite; upper siltstone, shale, sandstone*
- **Ꞓaq** — *quartzite, sandstone, minor limestone (marine)*
- **lꞒcg** — *conglomerate, dolomite olistrostrome*
- → **lꞒc** — *limestone, minor dolostone (marine), sandstone, shale*
- → **lꞒs** — *impure quartzite, shale, local sandstone, conglomerate; minor limestone*
- → **lꞒp** — *grey to green shale and siltstone*
- → **lꞒq** — *orthoquartzite, calcareous shale, silty quartzite, siltstone, shale; possibly equivalent to GOG GROUP; minor pebble conglomerate in Ware (94F) map area*
- → **lꞒss** — *conglomerate, sandstone, shale; minor limestone; includes units lꞒcg and lꞒq*

CAMBRIAN

LOWER AND MIDDLE CAMBRIAN

- **Ꞓqc** — *units lꞒq and mꞒc*

CAMBRIAN TO DEVONIAN

LOWER CAMBRIAN TO LOWER DEVONIAN

- **lPs** — *units Ꞓa-MB and Ꞓa-MK ; Cambro-Ordovician RAZORBACK GROUP: limestone, dolomite, shale, slate (equivalent to KECHIKA AND ROAD RIVER GROUPS); Ordovician-Devonian ECHO LAKE GROUP: sandy dolomite, dolomite, sandstone, quartzite, limestone (equivalent to SANDPILE GROUP)*

ORDOVICIAN TO DEVONIAN

LOWER ORDOVICIAN TO MIDDLE DEVONIAN

- **O-DRR** — *ROAD RIVER GROUP, undivided*

SILURIAN

- **SRR** — *PESIKA FORMATION: carbonaceous and dolomitic limestone, dolomite breccia, graptolitic shale; minor dolostone, chert; and KWADACHA FORMATION: silty dolostone, sandstone, shale, grey, brown to buff-weathering argillaceous and dolomitic siltstone; minor quartz wacke, limestone; (both formations equivalent in part to NONDA FORMATION)*

ORDOVICIAN AND SILURIAN

LOWER ORDOVICIAN TO LOWER SILURIAN

- **OS SN** — *units Os and Sn*
- **OS SN** — *units uOs and Sn*
- **OS RR** — *units ORR and SRR*

ORDOVICIAN

ARENIG TO ASHGILL

- **ORR** — *OSPIKA FORMATION: black graptolitic shale, dolostone, mudstone, siltstone, quartzite, limestone, limestone debris flows (marine); minor black chert; ORR v : basal orange weathered ankeritic tuffs, altered flows and sills (equivalent to SIKOKI FORMATION)*
- **ORRv**

CAMBRIAN TO SILURIAN

UPPER CAMBRIAN TO LOWER SILURIAN

- **Ꞓ-Sc** — *units ꞒOk , Os and Sn*

CAMBRIAN AND ORDOVICIAN

LOWER CAMBRIAN AND LOWER ORDOVICIAN

- **ꞒOs** — *units lmꞒs and ꞒOk*

PROTEROZOIC

LATE PROTEROZOIC (HADRYNIAN)

NEOHADRYNIAN (723 - 544 Ma)

MISINCHINKA GROUP (P Mc and P Ms)

- **P Ms** — *phyllitic slate, chloritic phyllite and schist, garnet-mica schist, calcareous sericite schist, schistose siltstone, quartzite, amphibolite, grit, pebble conglomerate, diamictite, limestone, dolostone*
- **P Mc** — *metalimestone.*
- **P c** — *crystalline limestone*
- **P m** — *amphibolite, quartzite*

INGENIKA GROUP (P I-Sw to P I-St)

- **P I-St** — *STELKUZ FORMATION: siltstone and shale, green and maroon; sandstone, limestone, locally pisolitic*
- **P I-E** — *ESPEE FORMATION: limestone, locally oolitic and pisolitic*
- **P I-T** — *TSAYDIZ FORMATION: sericitic phyllite; minor calcareous phyllite*
- → **P I** — *units P I-T, P I-E and P I-St*
- **P I-Sw** — *SWANNELL FORMATION: quartz-feldspar gritty sandstone, siltstone, shale, conglomerate; minor limestone; metamorphic equivalents from chlorite to kyanite grade*

PALEOHADRYNIAN (1000 - 723 Ma)

- **P gn** — *DESERTERS GNEISS: gneissic granite (728 Ma)*
- **P b** — *gabbro dykes (779 Ma)*

MIDDLE AND/OR LATE PROTEROZOIC (HELIKIAN AND/OR HADRYNIAN)

MUSKWA ASSEMBLAGE (P M-Ch to P M-Ga)

- **P M-Ga** — *GATAGA FORMATION: carbonaceous mudstone, siltstone, sandstone (?marine)*
- **P M-A** — *AIDA FORMATION: dolomitic mudstone, siltstone, dolostone; minor chamositic and carbonaceous mudstone, limestone (marine)*
- **P M-Tu** — *TUCHODI FORMATION: dolomite, dolomitic siltstone, sandstone, shale*
- **P M-HC** — *HENRY CREEK FORMATION: calcareous mudstone, siltstone; minor sandstone*
- **P M-Ge** — *GEORGE FORMATION: limestone, dolomite*
- **P M-Te** — *TETSA FORMATION: dark grey mudstone, sandstone; minor quartzite*
- **P M-Ch** — *CHISCHA FORMATION: dolomite, quartzite; minor siltstone*

EARLY PROTEROZOIC (APHEBIAN)

NEOAPHEBIAN (1860 - 1750 Ma)

- **P ng** — *TOCHIEKA GNEISS: partly mylonitic K-feldspar augen orthogneiss (1850 Ma)*

LATE PROTEROZOIC (HADRYNIAN) AND(?) PALEOZOIC

NEOHADRYNIAN AND(?) CAMBRIAN

- **PꞒn** — *NARCHILLA FORMATION: sandstone, shale, chloritic phyllite, slate; minor greenstone, limestone, sandstone, conglomerate*

NOTE

Some units in this legend do not appear on the accompanying map because of scale limitations.

Geological boundary (approximate, assumed)
Thin unit or significant stratum (approximate, assumed)
Line of nomenclature change
Fault, displacement unknown (approximate, assumed)
Normal fault, solid circle on hanging wall (approximate, assumed)
Thrust fault, teeth on hanging wall (approximate, assumed)

OPEN FILE
DOSSIER PUBLIC
3604
GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA
JANUARY 2002

Open files are products that have not gone through the GSC formal publication process.

Les dossiers publics sont des produits qui n'Ecnt pas ˘ soumis au processus officiel de publication de la CGC.

Sheet 2 of 2, Map NO-10-G, Bedrock geology legend

Recommended citation:
Okulitch, A.V., MacIntyre, D.G., Taylor, G.C., Gabrielse, H., Cullen, B., Massey, N. and Bellefontaine, K. (compilers)
2002: Geology, Fort Nelson, British Columbia; Central Foreland Map NO-10-G, scale 1:500 000. Geological Survey of Canada, Open File 3604 (revised).