Quaternary

Colluvium, alluvium and glacial drift

Overlap Assemblage

Bowser Lake and Sustut groups (may include Hazelton Group) (Upper Jurassic to Upper Cretaceous)

Undivided sedimentary and lesser volcanic rocks

Stikine Terrane

Gabbro intrusions, undivided

Hazelton Group (Lower Jurassic)

Telkwa Formation; phyllite, conglomerate, and minor sandstone (≤ 196 Ma)

Takla Group (Upper Triassic)

Moosevale or Savage Mountain Formation; andesitic and basaltic volcanic conglomerate, pyroclastic rocks, and mafic flows

Dewar Formation; sandstone, conglomerate, argillite, and slate

Asitka Group (Carboniferous to Permian)

Phyllite, argillite, slate, limestone, dolostone, chert, quartz pebble conglomerate, and felsic and mafic-intermediate pyroclastic rocks (ca. 290 Ma)

Cache Creek Terrane

Axelgold intrusive complex (Early Cretaceous)

Olivine gabbro, two-pyroxene gabbro, and anorthosite

Black Lake intrusive suite (Early Jurassic)

Granite to granodiorite

relationship unknown

Gabbro to diorite

Sitlika Assemblage (Lower Jurassic)

Undivided metavolcanic and metasedimentary rocks (≤ 218 Ma)

Sowchea succession (Upper Pennsylvanian to Lower Jurassic)

Mixed metasedimentary and metavolcanics rocks

Trembleur ultramafite (Permian to Upper Triassic)

Ultramafic rocks

Quesnel Terrane

Hogem batholith (Jurassic to Cretaceous)

Mesilinka suite

Undivided equigranular and K-feldspar porphyritic granite (135 Ma to 127 Ma)

Granodiorite to quartz monzonite (ca. 135 Ma)

Tonalite (ca. 135 Ma)

Osilinka suite

Equigranular granite with low mafic mineral content (ca. 160 Ma)

Duckling Creek suite

Undivided biotite pyroxenite and monzonite to syenite (182 to 178 Ma)

Thane Creek suite

Diorite to quartz monzodiorite, monzodiorite, and minor gabbro (207 to 195 Ma)

Hornblendite (ca. 198 Ma)

Mafic to ultramafic intrusive complex (Late Triassic to Early Jurassic)

Undivided ultramafic rocks, Abraham Creek and Dortatelle Creek

Nicola Group (Upper Triassic)

Plughat Mountain successsion

Sample location

Fault undifferentiated

Thrust Fault