EXPLANATION

QUATERNARY

Qga — Unconsolidated deposits

TERTIARY

Ti — Dikes
Various Compositions

Tsg — Sheppard Granite

Tg — Biotite quartz monzonite

CRETACEOUS

Ks1 Ks2 Ks3 Ks4 Ks5 — Spirit pluton
Ks5, granite and quartz monzonite
Ks4, porphyritic granodiorite
Ks3, granodiorite
Ks2, quartz diorite
Ks1, gabbro

Kqm — Quartz monzonite of Kaniksu batholith

JURASSIC

Jrg — Rossland Group
Mafic lavas and associated sedimentary rocks

Jmi — Mafic intrusive rocks

CARBONIFEROUS(?)

PEND D'OREILLE BLOCK

Pend d'Oreille sequence

Cp3 — Black silty argillite

ls / Cp2 — Argillite, chert, and greenstone
ls, *limestone*

ls / Cp1 — Black argillite
ls, *limestone*

RED TOP-GRASS MOUNTAIN BLOCK

Grass Mountain sequence

Cg5 — Siliceous black argillite

Cg4 — Black slate and argillite

Cg3 — Black and gray slate

Cg2 — Argillaceous limestone

Cg1 — Black slate with quartzite beds

DEVONIAN(?)

LIME CREEK MOUNTAIN BLOCK

Da — Argillite with quartzose lenses and limestone beds

ORDOVICIAN

NORTHPORT BLOCK

Olu — Ledbetter Slate undivided

Olq / Oll / Ols — Ledbetter Slate
Olq, *quartzite*
Oll, *sooty limestone*
Ols, *black graptolitic slate*

Oar — Argillite of Red Top Mountain

HOOKNOSE-BALDY BLOCK

Ols — Ledbetter Slate
Black graptolitic slate

← ROCKS — SOUTH — OF — SPIRIT — PLUTON →

South Fork sequence

Olu — Ledbetter Slate undivided

CAMBRIAN

Em — Metaline Formation undivided

Emu / ls / Emm / ph / Eml / Emp — Metaline Formation
Emu, *upper unit, limestone*
Emm, *middle unit, dolomite*
ls, *limestone*
Eml, *lower unit, limestone*
ph, *phyllite*
Emp, *phyllitic limestone unit*

Em — Metaline Formation undivided

Ema / Emb / Emm / dol / Eml — Metaline Formation
Ema, *limestone, dolomite breccia, and argillite*
Emb, *dolomite intraformational breccia*
Emm, *middle unit, dolomite*
Eml, *lower unit, limestone*
dol, *dolomite*

Emm / Eml — Metaline Formation
Emm, *middle unit, dolomite*
Eml, *lower unit, limestone*

El / Ep / ph / Er — Maitlen Phyllite
Ep, *phyllite*
El, *limestone*
Er, *Reeves Limestone Member*
ph, *phyllite*

El / Eps / El / Eps / Er — Maitlen Phyllite
El, *limestone*
Eps, *chlorite sericite schist*
Er, *Reeves Limestone Member*

Ep / Er — Maitlen Phyllite
Ep, *phyllite*
El, *limestone*
Er, *Reeves Limestone Member*

Ep / Er — Maitlen Phyllite
Ep, *phyllite and schist*
Er, *Reeves Limestone Member*

Blue Ridge sequence

Eps / El — Maitlen Phyllite
Eps, *quartz-biotite schist*
El, *limestone*

Ione Hill sequence

Eps / El / Eps / Eq / El — Maitlen Phyllite
Eps, *quartz-biotite-andalusite schist*
El, *limestone*
Eq, *quartzite*

Byers Creek sequence

Eps2 / El / Eps1 — Maitlen Phyllite
Eps2, *quartz-biotite andalusite schist with minor quartzite and limestone*
El, *limestone*
Eps1, *quartz-biotite schist*

Eg — Gypsy Quartzite undivided

Egs / Egq — Gypsy Quartzite
Egs, *thin-bedded quartzite and schist*
Egq, *white massive quartzite*

Egs / Egq — Gypsy Quartzite
Egs, *thin-bedded quartzite and schist*
Egq, *white massive quartzite*

Egs / Egq — Gypsy Quartzite
Egs, *thin-layered quartzite and schist*
Egq, *medium and thick-bedded quartzite*

Egs / Egq / Egs / Egq — Gypsy Quartzite
Egs, *schist and thin-bedded quartzite*
Cgq, *medium-bedded quartzite*

Egs — Gypsy Quartzite undivided

FAULT

PRECAMBRIAN(?)

pEhs / pEpq / pEps — Schist, quartzite and limestone
pEhs, *hornblende, plagioclase schist*
pEpq, *quartzite*
pEps, *quartz-biotite schist with minor limestone*

Structure and other map symbols follow standard usage. If in doubt, consult Map I-412. Decollement symbol added.

Decollement fault