

DESCRIPTION OF MAP UNITS

Qag GLACIAL, ALLUVIAL, AND TALUS DEPOSITS, UNDIFFERENTIATED
Chiefly unconsolidated gravel, sand, and clay

Tb BASALT OF COLUMBIA RIVER GROUP (Miocene and Pliocene) - Black fine-grained basalt of Yakima type (?)

Tl LATAH FORMATION (Miocene) - Clay, silty clay, and sandy clay

Ta ANDESITE - Hornblende-biotite-pyroxene-olivine andesite

Tm MAFIC DIKES - Euhedral phenocrysts of hornblende, biotite, and feldspar in a fine-grained matrix

Tg GRANODIORITE - Contains hornblende and biotite. Equigranular texture

Ts SILVER POINT QUARTZ MONZONITE (Eocene) - Contains hornblende and biotite. Porphyritic with phenocrysts of orthoclase in bimodal matrix

Tf FINE-GRAINED QUARTZ MONZONITE - Contains hornblende and biotite. Medium to fine grained

Kt TWO-MICA QUARTZ MONZONITE - Contains muscovite and biotite. Medium to coarse grained

Km MUSCOVITE QUARTZ MONZONITE - Contains only muscovite as characterizing mineral

Kc COARSE-GRAINED QUARTZ MONZONITE - Contains only biotite as characterizing mineral. Very coarse grained

Ml LIMESTONE - Cherty medium-gray limestone and dolomitic limestone

Md₃ UNIT 3 - Light-tan dolomite and purple and green calcareous slate

Md₂ UNIT 2 - White dolomite, in part oolitic

Md₁ UNIT 1 - Dark-gray dolomite. Oolitic and conglomeratic

Cm METALINE FORMATION (Cambrian) - Limestone and silty limestone, light- to dark-gray

Pzu PALEOZOIC CARBONATE ROCKS, UNDIVIDED

Ca ADDY QUARTZITE (Cambrian) - White to purple vitreous quartzite

WINDERMERE GROUP (Precambrian)

HUCKLEBERRY FORMATION - Slightly metamorphosed basalt and volcanic clastic rocks. Minor conglomerate

DEER TRAIL GROUP (Precambrian)

pCbh BUFFALO HUMP (?) FORMATION - Gray argillite, siltite, and quartzite

pCst STENSGAR DOLOMITE - Pink, tan, or gray dolomite, argillite, and siltite

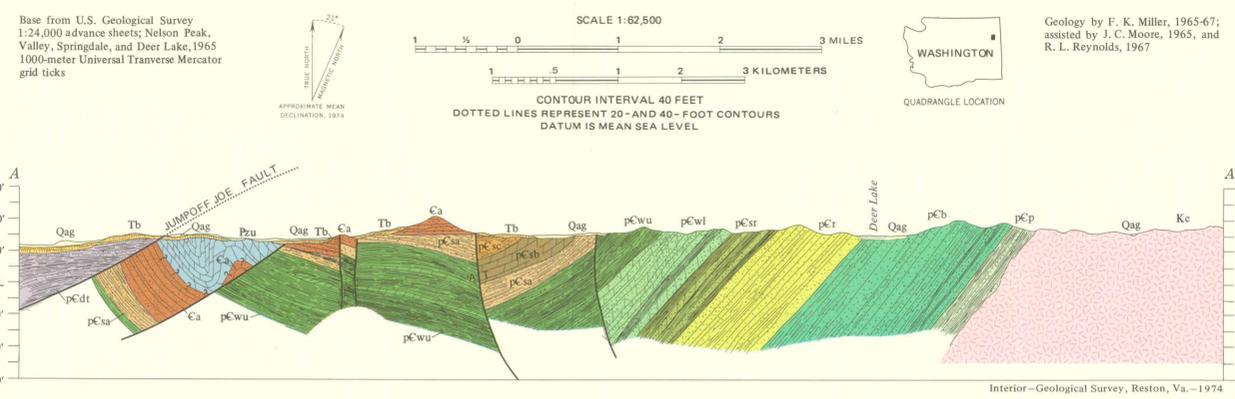
pCmh Mc HALE SLATE - Black, gray, and green laminated argillite

pCe EDNA DOLOMITE - Impure dolomite, argillite, and quartzite

pCt TOGO (?) FORMATION - Sheared gray and green argillite

pCdt DEER TRAIL GROUP, UNDIVIDED

m METAMORPHIC ROCKS, UNDIVIDED - Schist and phyllite. Probably derived from Belt Supergroup or Deer Trail Group



GEOLOGIC MAP OF THE SOUTH HALF OF THE CHEWELAH-LOON LAKE AREA,
STEVENS AND SPOKANE COUNTIES, WASHINGTON