

### GEOLOGY LEGEND

#### QUATERNARY

Qal Unconsolidated glacial till and poorly sorted alluvium

#### MIDDLE TO UPPER JURASSIC (?)

muJv Variegated pyroclastic lapilli tuffs; bladed feldspar porphyry flows

muJc Clast-supported conglomerate derived primarily from Inklin Formation siltstones and argillites

#### LOWER JURASSIC

LABERGE GROUP, INKLIN FORMATION (where undivided denoted as IJLi)

IJLig Siltstones, arenaceous wackes (greywackes), may contain macrofossils

IJLia Argillites (may be silty)

IJLic Conglomerates, rarely contain macrofossils

#### UPPER TRIASSIC

STUHINI GROUP (where undivided denoted as uTs)

uTsp Green pyroxene-feldspar porphyry tuffs and breccias characteristic of this group

#### PALEOZOIC TO PROTEROZOIC (?)

BOUNDARY RANGES METAMORPHICS (where undivided denoted as PPM)

PPM A polydeformed metamorphic terrane of uncertain origin; variably metamorphosed to upper greenschist grade within the map area, and reported up to amphibolite grade to the south. \*\* Protoliths in approximate order of abundance are:

PPMs Argillaceous siltstones, feldspathic wackes and lesser felsic pyroclasts and carbonates (carbonate bands diagonally hatched).

#### UPPER CRETACEOUS

COAST INTRUSIONS (where undivided denoted as uKg)

uKg1 Medium to coarse-grained hornblende and biotite granites are most characteristic of the Coast Intrusive rocks; with local gradations to potassium metasomatized alkaline granite (denoted "A") and lesser granodiorite (uKgd).

uKg2 Equigranular uKg1 - lacking megacrystalline potassium feldspar with minor localized exceptions

#### CRETACEOUS

Kgd, qm Granite, quartz monzonite, granite and diorite. Medium to coarse grained and typically more altered than uKg; may rarely be crosscut by ?uKg1,2. Commonly grades rapidly from one phase to another

#### MIDDLE TO UPPER JURASSIC

muJa Hypabyssal andesites; medium grained andesitic feldspar porphyries commonly containing hornblende. Grey to green, weakly to strongly altered; probably coeval with muJv

#### TRIASSIC (?)

Tgd, qm Porphyritic granodiorite to quartz monzonite; foliated with potassium feldspar phenocrysts and hornblende up to 20 per cent. Minor secondary chlorite, epidote and quartz

#### MESOZOIC

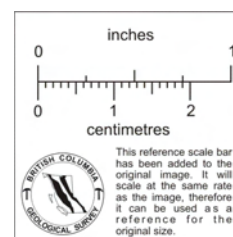
Mgd Granodiorite; altered, sheared and brecciated felsic intrusive rocks primarily confined to the Llewellyn fault zone. May in part include rocks of P Tgd

#### PALEOZOIC? TO TRIASSIC

P Tgd Altered and deformed intrusives. Typically altered and/or deformed weakly to strongly. Composition variable to leucogranite and quartz-diorite; may be silicified.

Adapted From: Mihalyuk and Rouse B.C.E.M.P.R. OPEN FILE MAP 1986-5

FIGURE 6



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