

GEOLOGY OF ENDAKO AREA BRITISH COLUMBIA

PLEISTOCENE AND RECENT

- Till, gravel, sand, silt.

EOCENE

ENDAKO GROUP

- Uncolored vesicular and amygdaloidal andesite and basalt, flow breccia, tuff and conglomerate.

JURASSIC AND LOWER CRETACEOUS

TOPLEY INTRUSIONS

LOWER CRETACEOUS

- Fraser quartz monzonite
- Medium-grained subophyritic pink biotite-hornblende quartz monzonite.

Stellako quartz monzonite

- 9a: Medium-to fine-grained pink hornblende-biotite quartz monzonite.
- 9b: Medium-grained gray hornblende granodiorite.

UPPER JURASSIC

Casey alaskite

- Coarse-to fine-grained leucocratic pink granite and quartz monzonite.

Glenannan granite & quartz monzonite

- 7a: Coarse-grained porphyritic pink biotite granite.
- 7b: Coarse-grained pink biotite-hornblende quartz monzonite.

UPPER TRIASSIC AND LOWER JURASSIC

TAKLA GROUP

- Menard rhyodacite stock
- Red to purple feldspar-biotite porphyry stock and dykes.
- Rhyodacite pyroclastics
- Dark green rhyodacite crystal tuff and breccia.

TOPLEY INTRUSIONS

- Francis granite
- Medium-grained red biotite granite.
- Nitli quartz monzonite
- Medium-to coarse-grained pink to gray subophyritic biotite quartz monzonite.
- Endako quartz monzonite
- Coarse-to medium-grained subophyritic pink biotite-hornblende quartz monzonite.

LOWER (?) JURASSIC

- Simon Bay diorite complex
- Foliated diorite and quartz diorite, hybrid gneiss, amphibolite and gabbro.

DYKES

- Aplite
- Basalt
- Casey porphyry
- Orthoclase porphyry
- Orthoclase-plagioclase porphyry
- Pegmatite
- Porphyritic granite
- Quartz-feldspar porphyry
- Quartz-orthoclase porphyry
- Quartz-orthoclase-plagioclase porphyry
- Rhyodacite porphyry
- Diorite
- Plagioclase porphyry
- Quartz monzonite

MAP SYMBOLS

- Topographical contour
- Stream
- Marsh
- Lake
- Road: main, paved, secondary, gravel
- Baseline
- Railway
- Power line
- Bridge
- Building
- Trench
- Dam
- Diamond drill hole

GEOLOGICAL SYMBOLS

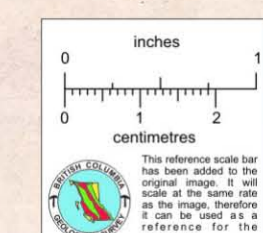
- Bedrock exposure
- Geology projected from drill hole
- Geological boundary: defined, approximate, inferred
- Joints: inclined, vertical
- Shear: inclined, vertical
- Foliation: inclined, vertical
- Fault: major displacement: defined, inferred
- minor displacement: defined, inferred
- Mineral occurrence: molybdenite, autunite

SCALE

Feet: 0, 1000, 2000, 3000, 4000

Miles: 0, 1

Geology by K. M. Dawson, 1965-67



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