



Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

OPEN FILE MAP 1988 - 18
GEOLOGY OF THE TOMMY CREEK AREA
92J.088
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LEGEND
BEDDED ROCKS

TERTIARY

3 (Eocene?) Lavas, hoodoo-forming felsic pyroclastic rocks and minor sedimentary rocks

UPPER TRIASSIC

2 CADWALLADER GROUP: comprising the Pioneer Formation (2p) consisting of basaltic pillow lava aquagene breccia, tuffs and amygdaloidal lava and lenses of limestone breccia, and the Hurley Formation (2h) consisting of argillites (siliceous and calcareous) with sandstones, polymictic conglomerates and limestone marker beds (ls)

PALEOZOIC

1 FERGUSSON GROUP: mostly ribbon chert (1a), phyllite ranging to biotite quartz gneiss, some marble (1b) marker bands, chloritic schist, and fine grained amphibolite (1c); may include other irregularly distributed basic volcanic rocks

INTRUSIVE IGNEOUS ROCKS

TERTIARY

D REX PEAK PORPHYRY: a felsic phase of the (Eocene) Mission Ridge pluton

UPPER CRETACEOUS

C COAST PLUTONIC COMPLEX: biotite and hornblende-bearing diorite, granodiorite and granite stocks and plutons; including the outlying Bendor and Eldorado stocks

LOWER JURASSIC

B Ultrabasic Rocks: comprising the Shulaps and President hartzburgite, peridotite, dunite, serpentine and listwanite bodies

PALEOZOIC

A BRALORNE INTRUSIONS: heterogeneous fine and medium-grained diorite and gabbro stocks characterized by a reticulation of felsic veinlets (see map sheet 92J.098)

STRATIGRAPHY

SYMBOLS

Geological Boundary ————

Bedding — vertical, inclined ————

Foliation, schistosity ————

Fold Axis (plunge) ————

Glacial Striae ————

Fault — approximate, assumed ————

Secondary road, logging road, trail ————

Power Line ————

Topographic contours (interval, 1000 feet) ————

Prospect — Prospects ————

Additional sources of information: Leach (1953), Nagel (1979), Potter (1963)

INDEX MAP

Map Area