



LEGEND

PURCELL (HELIKIAN)

Hd DUTCH CREEK FORMATION: grey, green and black argillite and slate, buff dolomitic slate; thin-bedded, buff weathering dolomite, green, argillaceous quartzite

Hmn MOUNT NELSON FORMATION: buff weathering grey, cream and purple dolomite and dolomitic limestone, purple, grey and black argillite and slate; white quartzite

WINDERMERE (HADRYNIAN)

Ht TOBY FORMATION: pebble, cobble, and boulder polymictic conglomerate and breccia (matrix variously of quartzite, argillite and limestone)

Hh HORSETHIEF CREEK GROUP
Grey, black, and green slate and argillite, quartz pebble conglomerate, quartzite, feldspathic quartzite and grit; red slate and arenaceous slate; minor blue-grey and black limestone

CAMBRIAN AND ORDOVICIAN

€Om MCKAY GROUP
Blue-grey limestone, argillaceous limestone, dark shale; intra-formational limestone conglomerate

MIDDLE AND/OR UPPER CAMBRIAN

€j JUBILEE (OTTERTAIL) FORMATION: thinly laminated and massive dolomite

LOWER CAMBRIAN

1Cc CRANBROOK (GOG) FORMATION: cross-bedded white and purple quartzite and grit; minor pebbly quartzite arenaceous purple shale

ORDOVICIAN AND SILURIAN

OSb BEAVERFOOT FORMATION: massive, light grey weathering dolomite and dolomitic limestone

DEVONIAN

Dmf MOUNT FORSTER FORMATION: bright red and green argillite; brown weathering limestone

CRETACEOUS

Kqm Quartz monzonite
Granodiorite

QUATERNARY

Q Unconsolidated sediments: silt, sand and gravel

Geological contact

Height of land

Geology by J.E. Reesor, 1972

From G.S.C. Map 1326A, Lardeau (East Half)

Base-map from British Columbia Forestry Maps FB2 K/7, 9, and 10 (reduced) at the scale of 1 inch to 1/2 mile

Samples collected by S.B. Ballantyne and K. Bottrill

Uranium analysis done by Atomic Energy of Canada Ltd. by delayed neutron activation technique
U content in ppm+346.0

URANIUM (ppm) IN STREAM SEDIMENTS
(-100 +200 mesh fraction)

**GEOCHEMICAL ORIENTATION SURVEYS FOR URANIUM
IN SOUTHERN BRITISH COLUMBIA, 1975**

By S.B. Ballantyne
Geological Survey of Canada

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HORSETHIEF CREEK AND FORSTER CREEK
MAP DI