



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

EOm MCKAY GROUP: blue-grey limestone, argillaceous limestone, dark shale; intra-formational limestone conglomerate

MIDDLE AND/OR UPPER CAMBRIAN

Ej 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 F82 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

Stream sediment sample number
-200 mesh fraction052

SAMPLE NUMBERS AND LOCATIONS
FOR STREAM SEDIMENTS
(-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 DIII