



**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

€J MIDDLE AND/OR UPPER CAMBRIAN: 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  
Grandofiorite

**QUATERNARY**

Q Unconsolidated sediments: silt, sand, 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. Bottrell

Uranium analysis done by Atomic Energy of Canada Ltd. by delayed neutron activation technique  
U content in ppm ..... +1229

URANIUM (ppm) IN 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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OTTAWA

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HORSETHIEF CREEK AND FORSTER CREEK  
MAP DIX