



- 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
 - 1c LOWER CAMBRIAN: 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 water sample number 053

SAMPLE NUMBERS AND LOCATIONS
 FOR STREAM WATERS
**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 DZ**