

DIAGRAMMATIC CROSS-SECTIONS ALONG LINES A-B AND C-D

LEGEND

- CRETACEOUS**
- UPPER CRETACEOUS**
- 16 BELLY RIVER FORMATION: grey and green, silty shale, grey and green, crossbedded sandstone
- ALBERTA GROUP (13-15)**
- 15 WAPIABI FORMATION: dark grey, silty shale, thin, grey sandstone
- 14 CARDIUM FORMATION: grey sandstone, grey, silty shale
- 13 BLACKSTONE FORMATION: dark grey, silty shale, thin sandstone
- LOWER CRETACEOUS**
- 12 CROWNSNEST FORMATION: grey tuff, green agglomerate
- 11 BLAIRMORE GROUP: grey and greenish grey sandstone, green and maroon, silty mudstone, conglomerates
- 10 KOOTENAY FORMATION: dark grey and black shale, carbonaceous shale, dark grey and black sandstone; coal
- JURASSIC**
- 9 FERNIE GROUP: dark grey and black shale, grey siltstone and sandstone; basal conglomeratic sandstone
- TRIASSIC**
- 8 SPRAY RIVER FORMATION: grey siltstone, grey and brown sandstone, dark grey mudstone
- MESOZOIC**
- MISSISSIPPIAN, PENNSYLVANIAN (?) AND PERMIAN (?)**
- 7 ROCKY MOUNTAIN FORMATION: grey sandstone, silty dolomite, chert
- MISSISSIPPIAN**
- RUNDLE GROUP (4-6)**
- 6 ETHERINGTON FORMATION: black and grey limestone, black and grey dolomite, grey sandstone, green shale
- 5 MOUNT HEAD FORMATION: black and grey limestone; grey and black dolomite, chert
- 4 LIVINGSTONE FORMATION: grey limestone, grey dolomite, chert
- 3 BANFF FORMATION: black limestone and dolomite, black siltstone and mudstone, chert
- 2 EXSHAW FORMATION: black, silty shale, grey siltstone
- PALAEZOIC**
- DEVONIAN**
- 1 PALLISER FORMATION: grey limestone

- Rock outcrop (attitude not attainable) . . . . . x
- Sedimentary contact (approximate) . . . . . - - - - -
- Bedding (horizontal, inclined, vertical, overturned) . . . . . + / / /
- Fault, thrust (approximate, assumed) . . . . . - - - - -
- Fault, normal (solid circle on down-thrown side) . . . . . - - - - -
- Anticline, trace of axial plane (approximate) . . . . . - - - - -
- Syncline, trace of axial plane (approximate) . . . . . - - - - -
- Syncline, overturned . . . . . - - - - -
- Plunge of fold axis . . . . . - - - - -
- Fossil locality . . . . . ⊙
- Mineral occurrence . . . . . \*
- Well (drilling, gas, abandoned) . . . . . ○ ✕

Note 1 on structure section C-D: Unit 7 may include Triassic, Spray River formation in part.

Geology by D. K. Norris, 1956

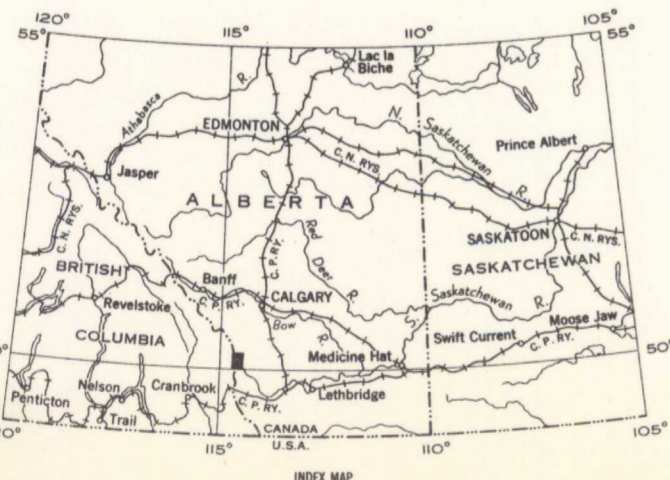
- Roads (loose surface) . . . . . = = = = =
- Cart track . . . . . - - - - -
- Trail . . . . . - - - - -
- Interprovincial boundary . . . . . - - - - -
- Township boundary (surveyed) . . . . . - - - - -
- Township boundary (unsurveyed) . . . . . - - - - -
- Section line and number . . . . . - - - - -
- Stream (position approximate) . . . . . - - - - -
- Fall . . . . . - - - - -
- Contours (interval 500 feet) . . . . . - - - - -
- Height in feet above mean sea-level . . . . . 9884

Approximate magnetic declination, 22° 00' East

Cartography by the Geological Cartography Unit, 1958

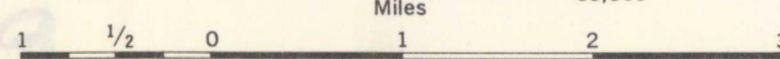
Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario

In response to public demand for earlier publication, Preliminary Series maps are now being issued in this simplified form, thereby effecting a substantial saving in time. There is no loss of information, but the maps will be clearer to read if all or some of the map-units are hand-coloured.



MAP 14-1958  
TO ACCOMPANY PAPER 58-5  
**BEEHIVE MOUNTAIN**  
BRITISH COLUMBIA AND ALBERTA

Scale: One Inch to One Mile =  $\frac{1}{63,360}$



COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

MAP 14-1958  
BEEHIVE MOUNTAIN  
BRITISH COLUMBIA-ALBERTA  
SHEET 82 1/2 (East Half)

Induced

14-1958