

DIAGRAMMATIC CROSS-SECTION ALONG LINE A-B

LEGEND

- CRETACEOUS**
LOWER CRETACEOUS
16 KOOTENAY FORMATION (upper sandstone and conglomerate member): sandstone, conglomerate, shale; thin coal
15 KOOTENAY FORMATION (shale member): shale, sandstone and coal
14 KOOTENAY FORMATION (lower sandstone member): cliff-forming sandstone
JURASSIC
13 FERNIE FORMATION (upper part): shale with interbedded thin siltstone in upper 100 feet
12 FERNIE FORMATION (Pigeon Creek member): cliff-forming, black siltstone
11 FERNIE FORMATION (lower part contains Rock Creek member): shale with basal brecciated limestone bed
TRIASSIC
10 SPRAY RIVER FORMATION (Sulphur Mountain member): grey siltstone
PENNSYLVANIAN AND PERMIAN
9 ROCKY MOUNTAIN FORMATION (upper beds only): quartzose sandstone
MISSISSIPPIAN
RUNDLE GROUP
8 LIVINGSTONE FORMATION: grey, fine- to coarse-grained, crinoidal limestone; fault slice only
DEVONIAN
7 PALLISER FORMATION (Morro member only): dark grey, massive limestone
PALAEOZOIC
6 ALEXO FORMATION: grey limestone and dolomite
5 FAIRHOLME GROUP (2-5)
5 SOUTHESK FORMATION (upper grey dolomite member): grey, vuggy dolomite
4 SOUTHESK FORMATION (middle coral bed member): dark grey and black, vuggy dolomite
3 SOUTHESK FORMATION (lower grey dolomite member): grey and black dolomite
2 CAIRN FORMATION: dark grey and black dolomite
SUB DEVONIAN
1 GHOST RIVER FORMATION AND OLDER: silty dolomite, ochre weathering in part

- Geological boundary (approximate, assumed).
Bedding (inclined, vertical, overturned).
Fault (inclined).
Surface trace of coal seam
Anticline (approximate).
Syncline (approximate).
Coal prospect
Adit or tunnel.

Geology by D. K. Norris, 1955

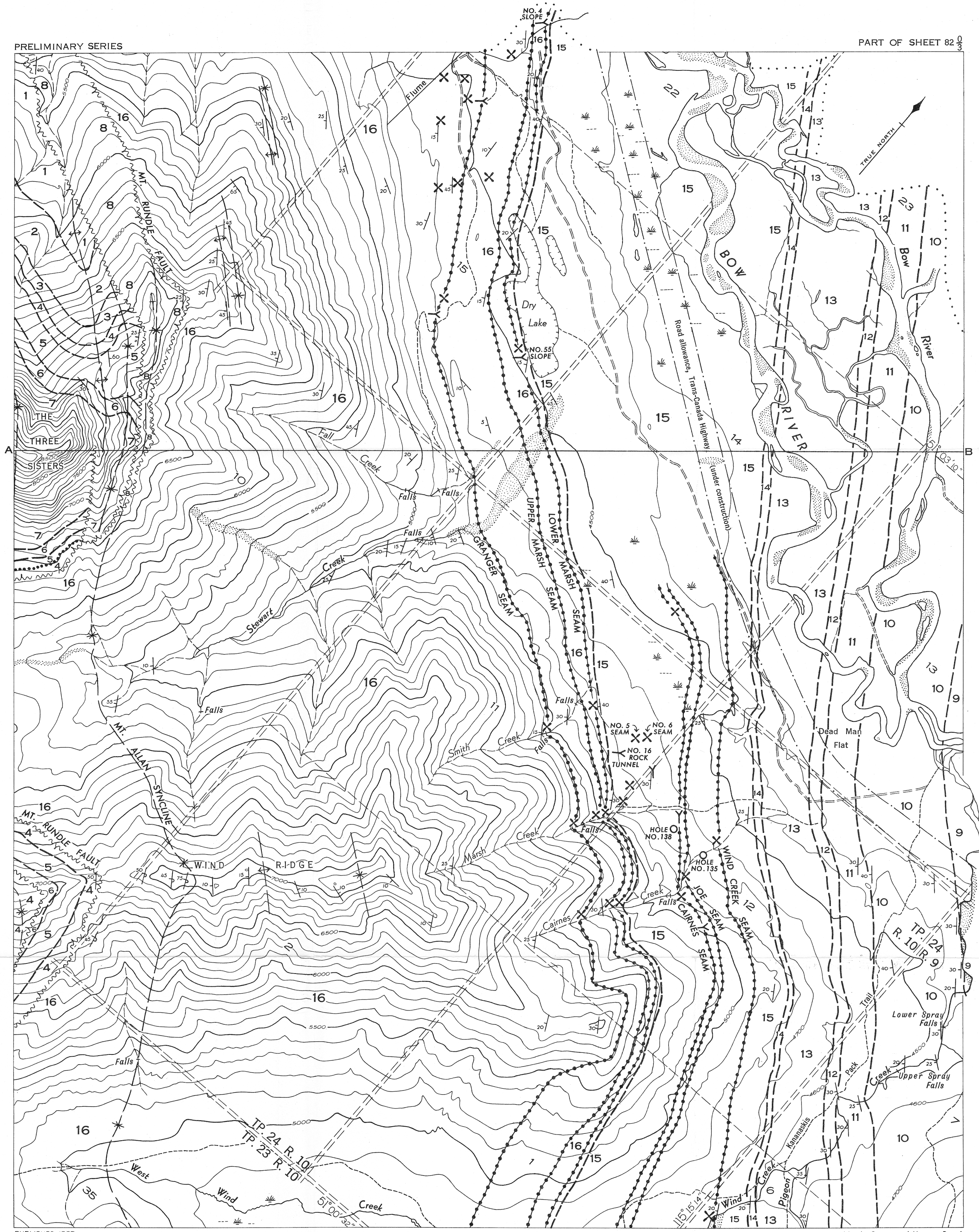
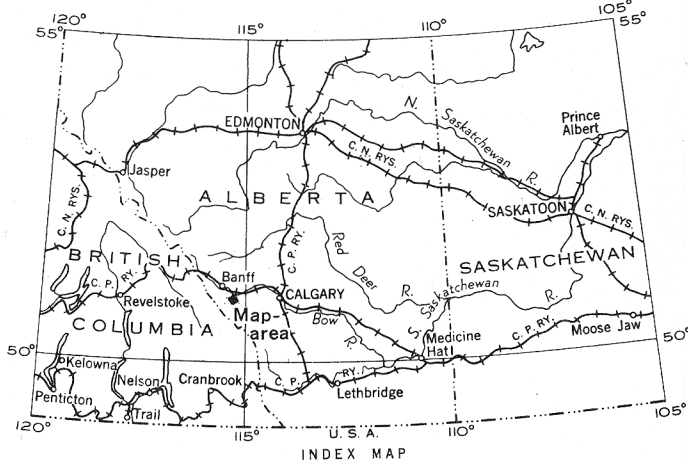
- Road.
Trail.
Township section line and number
Section road allowance
Intermittent stream
Sand and gravel.
Marsh
Contours (interval 100 feet)
Depression contour

Cartography by the Geological Cartography Unit, 1957

Approximate magnetic declination, 22° 58' East

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 11-1957
TO ACCOMPANY PAPER 57-4
SOUTH PART OF
CANMORE AREA
WEST OF FIFTH MERIDIAN
ALBERTA

Scale: One Inch to 1200 Feet = $\frac{1}{14,400}$

1200 0 1200 2400 3600
Feet

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MAP 11-1957
SOUTH PART OF
CANMORE AREA
ALBERTA