

LEGEND

- CRETACEOUS**
- UPPER CRETACEOUS**
- EDMONTON FORMATION: sandstone, shale, conglomerate, volcanic ash, coal seams. May include some Paskapoo beds.
- BRAZEAU FORMATION: sandstone, shale, volcanic ash, a few thin coal seams.
- WAPITI FORMATION**
- Black marine shale, sandstone, ironstone, chert pebble-conglomerate.
- Black marine shale, sandy shale, ironstone.
- BIGHORN FORMATION: quartzitic sandstone, black marine shale.
- BLACKSTONE FORMATION: chiefly black marine shale, grey quartzitic sandstone, sandy shale.
- LOWER CRETACEOUS**
- MOUNTAIN PARK FORMATION: olive green and brown weathering grey sandy shale and sandstone.

- Geological boundary.....
- bedding (inclined, overturned).....
- Fault.....
- Anticlinal axis.....
- Synclinal axis.....
- Coal prospect.....
- Coal seam and projected coal horizon.....

Note. Structure sections along lines A-B, C-D, and E-F, are shown on accompanying sheet.

- Township boundary, unsurveyed.....
- Trail.....
- Marsh.....

Surveys and topography by the Topographical Survey, Bureau of Geology and Topography, 1921, 1924, 1926, and 1938.

Drawn by the Topographical Survey.

Geology by B. R. MacKay, 1927, 1938.

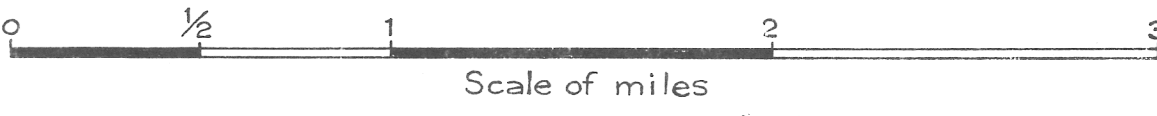
PRELIMINARY MAP 40-16

PEMBINA FORKS

WEST OF FIFTH MERIDIAN

ALBERTA

1940



Approximate magnetic declination 25° 15' East