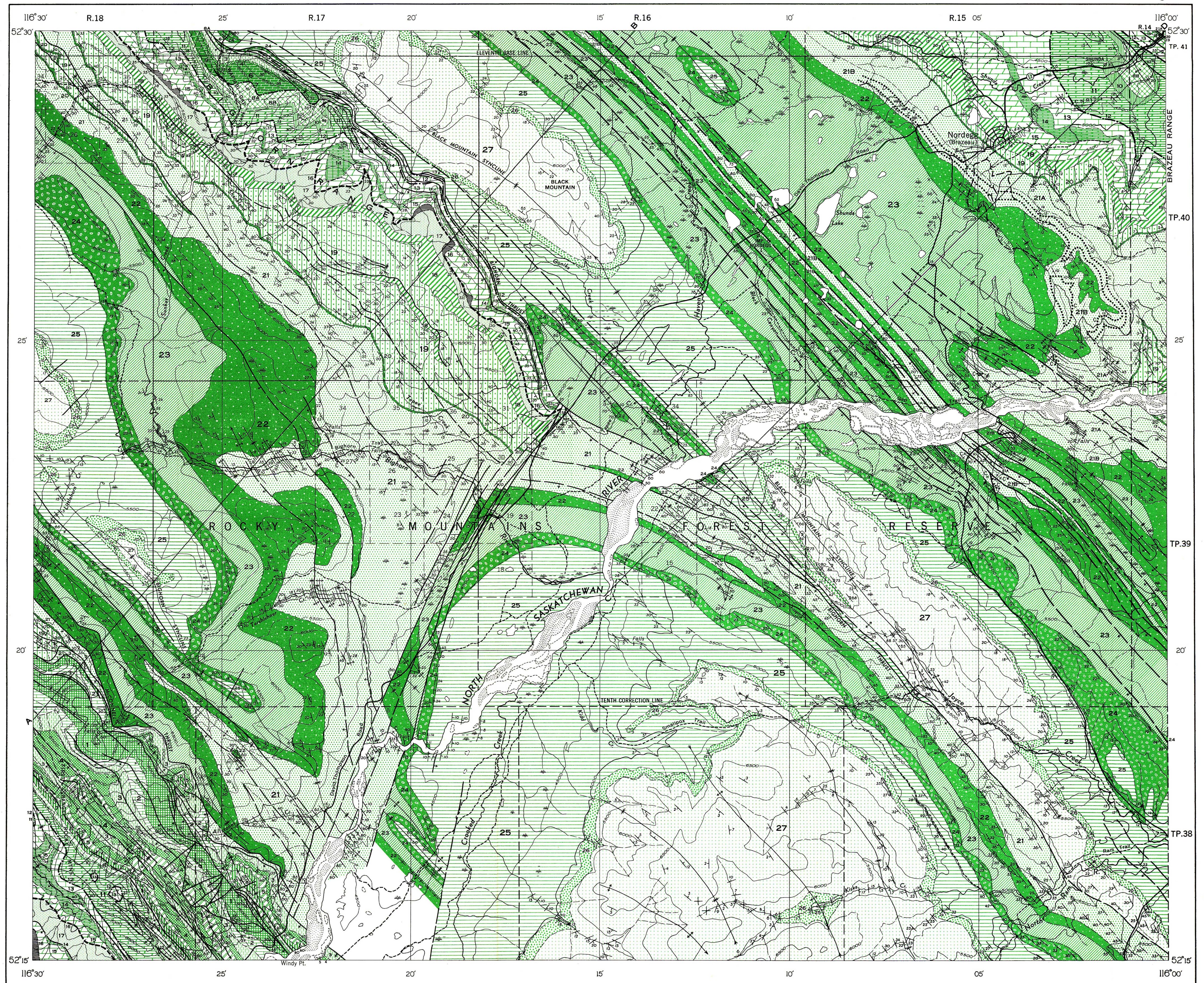
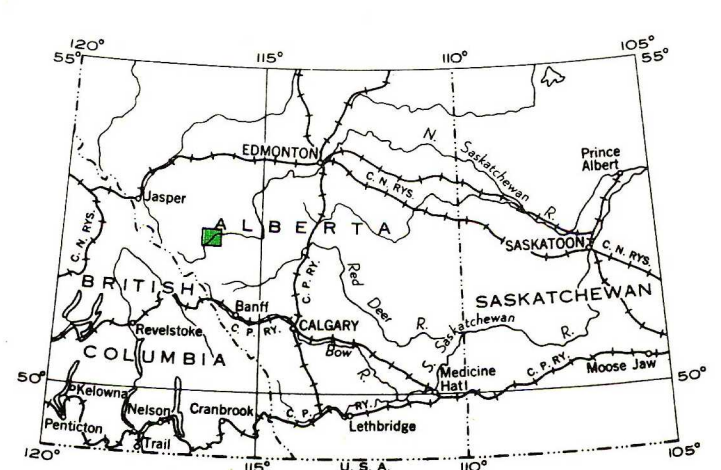


LEGEND

- CENOZOIC**
- TERTIARY**
- PALEOCENE**
- 28 PASKAPOO FORMATION: (in structure-section C-D only)
- CRETACEOUS**
- UPPER CRETACEOUS**
- 27 BRAZEAU FORMATION: greenish grey sandstone, conglomeratic sandstone, and shale
- 26 ALBERTA GROUP (24-26)
26 WAPIABI FORMATION (Upper part): sandstone, siltstone, concretionary shale; grit and conglomerate
- 25 WAPIABI FORMATION (Lower part): fissile, silty, and concretionary shale; siltstone; grit, and conglomerate
- 24 BIGHORN FORMATION: grey sandstone, conglomerate, and shale
- 23 BLACKSTONE FORMATION: fissile, silty, and concretionary shale; siltstone, grit, and conglomerate
- LOWER CRETACEOUS**
- 22 MOUNTAIN PARK FORMATION: massive green sandstone, conglomeratic sandstone; shale and silty shale
- 21 LUSCAR FORMATION
21 Undivided
21A (Lower part): grey sandstone, fissile dark grey shale, thin coal seams
21B (Upper part): massive, greenish grey sandstone and conglomeratic sandstone; shale; coal seams
- 20 CADOMIN FORMATION: chert and quartzite pebble conglomerate and conglomeratic sandstone
- 19 NIKANASSIN FORMATION: grey sandstone, fissile dark grey shale, thin coal seams
- JURASSIC**
- 18 FERNIE GROUP
18 Fissile shale, massive and thin-bedded sandstone, black cherty and phosphatic carbonate
- TRIASSIC**
- 17 SPRAY RIVER FORMATION: thinly bedded siltstone and silty shale; dolomite
- PENNSYLVANIAN?**
- 16 ROCKY MOUNTAIN FORMATION: massive chert; arenaceous dolomite and quartzite
- MISSISSIPPIAN**
- 15 RUNDLE GROUP (14, 15)
15 MOUNT HEAD FORMATION: dense and porous dolomite; limestone; green and grey shale; breccia
- 14 LIVINGSTONE FORMATION: cryptocrystalline to coarsely crystalline limestone; finely crystalline dolomite
- 13 BANFF FORMATION: argillaceous and cherty limestone, fissile and calcareous shale
- DEVONIAN**
- 12 EXSHAW FORMATION: fissile black shale
- 11 PALLISER FORMATION: massive mottled limestone and dolomite; porous and vuggy dolomite; argillaceous, limestone
- 10 ALEXO FORMATION: silty dolomite, sandstone; dolomite breccia
- PALEOZOIC**
- 8 FAIRHOLME GROUP (5-9)
8 MOUNT HAWK FORMATION:
8A (Lower part): greenish grey dolomitic shale
8B (Upper part): brown cherty dolomite; dark grey argillaceous limestone
- 7 PERDRIX FORMATION: dark grey fissile shale, thinly bedded limestone
- 5 FLUME FORMATION: cherty fossiliferous dolomite; argillaceous limestone
- 6 SOUTHESK FORMATION: massive vuggy, light brown dolomite; equivalent to 8 and part of 7
- 6 CAIRN FORMATION: massive, dark brown dolomite, cherty, fossiliferous dolomite; equivalent to 5 and part of 7
- CAMBRIAN OR LATER**
- 4 GHOST RIVER? FORMATION: dolomite and arenaceous dolomite
- CAMBRIAN**
- UPPER CAMBRIAN**
- 3 FORMATION C: green shale; dolomite and arenaceous dolomite
- MIDDLE CAMBRIAN?**
- 2 FORMATION B: argillaceous limestone; mottled and banded limestone and dolomite
- 1 FORMATION A: massive mottled grey limestone; green shale



- Bedding (horizontal, inclined, vertical, overturned) + / \ /
- Rock outcrop x
- Coal outcrop and trace of seam x-c
- Fault (showing direction of dip) - - - - -
- Fault (presence or position uncertain) - - - - -
- Anticlinal axis (showing direction of plunge) - - - - -
- Synclinal axis (showing direction of plunge) - - - - -
- Coal mine adit - - - - -
- Well (abandoned) - - - - -



Geology by B. R. MacKay, 1940, R. J. W. Douglas, 1933, 1934
Cartography by the Geological Cartography Unit, 1936

PRELIMINARY MAP 55-34
NORDEGG
WEST OF FIFTH MERIDIAN
ALBERTA

Scale: One Inch = One Mile = $\frac{1}{63,360}$ Miles
Approximate magnetic declination 24° 24' East

This map has been reprinted from a scanned version of the original map. Reproduction par numérisation d'une carte sur papier.

- Main highway - - - - -
- Other roads - - - - -
- Trail - - - - -
- Township boundary (surveyed, unsurveyed) - - - - -
- Section line - - - - -
- Intermittent lake and stream - - - - -
- Marsh - - - - -
- Sand or gravel - - - - -
- Contours (interval 500 feet) - - - - -

PRELIMINARY MAP 55-34
NORDEGG
ALBERTA
SHEET 83 C

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