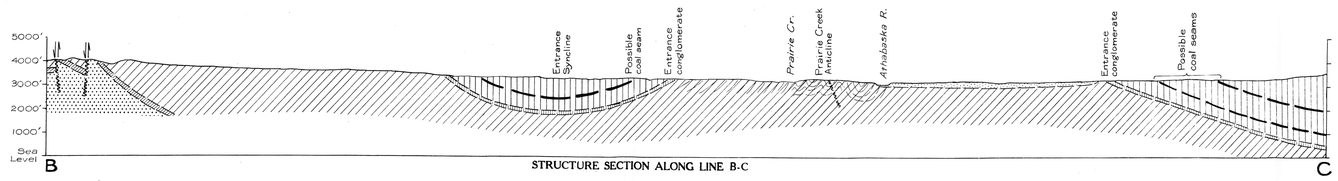
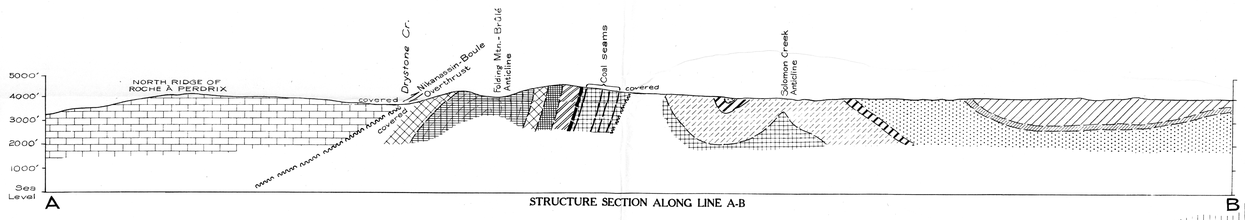
CANADA
DEPARTMENT OF MINES AND RESOURCES
MINES AND GEOLOGY BRANCH
BUREAU OF GEOLOGY AND TOPOGRAPHY

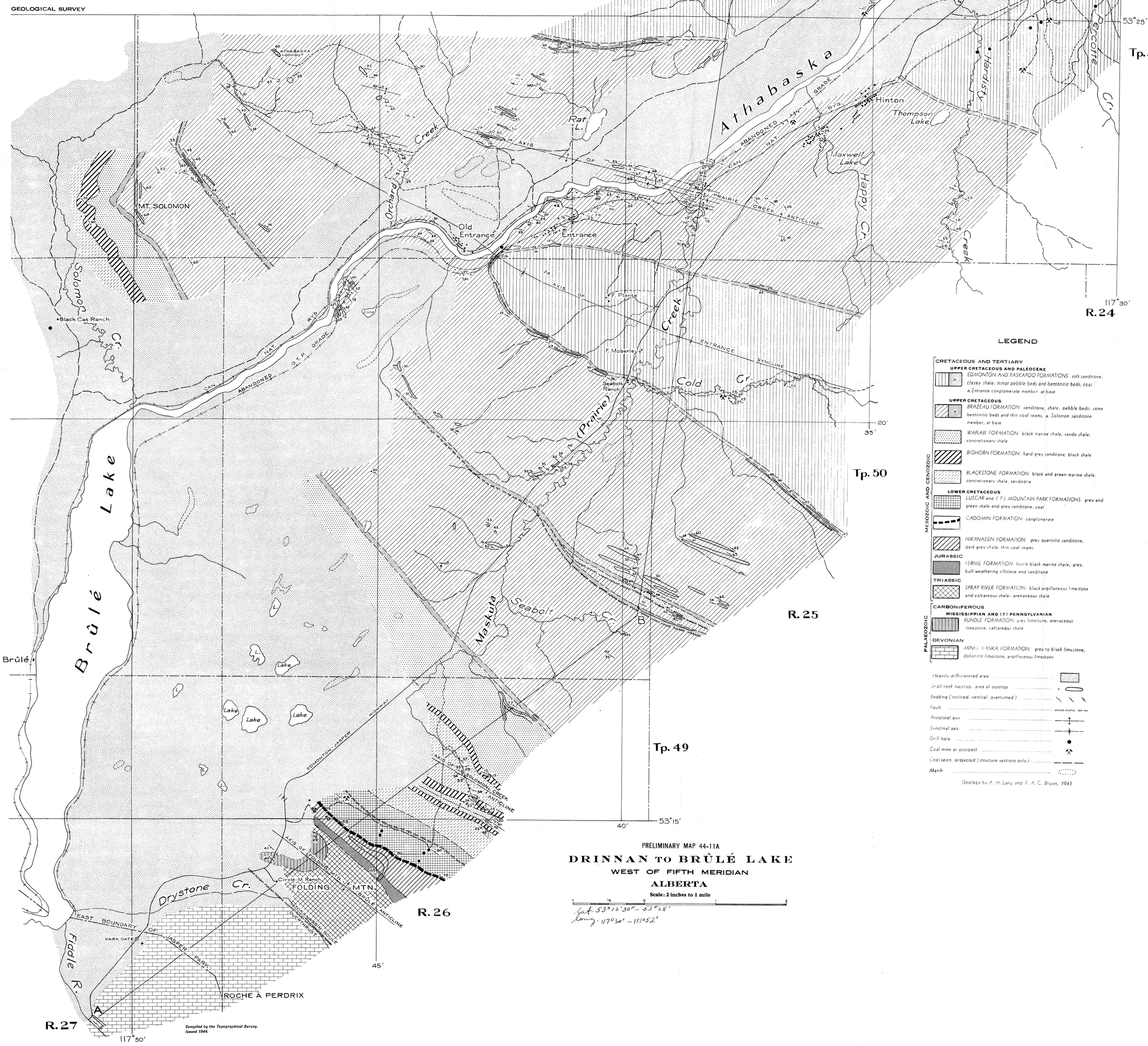


STRUCTURE SECTION ALONG LINE B-C



STRUCTURE SECTION ALONG LINE A-B

GEOLOGICAL SURVEY



Compiled by the Topographical Survey.
Issued 1944.

PRELIMINARY MAP 44-11A

DRINNAN TO BRÛLÉ LAKE

WEST OF FIFTH MERIDIAN

ALBERTA

Scale: 2 inches to 1 mile

lat. 53°12'30" – 53°28'
long. 117°30' – 117°52'

LEGEND

CRETACEOUS AND TERTIARY

UPPER CRETACEOUS AND PALEOCENE

EDMONTON AND PASKAPOO FORMATIONS: soft sandstone, clayey shale; minor pebble beds and bentonitic beds; coal. *a.* Entrance conglomerate member at base

UPPER CRETACEOUS

BRAZEAU FORMATION: sandstone, shale, pebble beds; some bentonitic beds and thin coal seams; *a.* Solomon sandstone member, at base

WAPIABI FORMATION: black marine shale, sandy shale, concretionary shale

BIGHORN FORMATION: hard grey sandstone, black shale

BLACKSTONE FORMATION: black and green marine shale, concretionary shale, sandstone

LOWER CRETACEOUS

LUSCAR and (?) MOUNTAIN PARK FORMATIONS: grey and green shale and grey sandstone, coal

CADOMIN FORMATION: conglomerate

NIKANASSIN FORMATION: grey quartzitic sandstone, dark grey shale; thin coal seams

JURASSIC

FERNIE FORMATION: fissile black marine shale; grey, buff-weathering siltstone and sandstone

TRIASSIC

SPRAY RIVER FORMATION: black argillaceous limestone and calcareous shale; arenaceous shale

CARBONIFEROUS

MISSISSIPPIAN AND (?) PENNSYLVANIAN

RUNDLE FORMATION: grey limestone, arenaceous limestone, calcareous shale

DEVONIAN

MINNEWANKA FORMATION: grey to black limestone, dolomitic limestone, argillaceous limestone

MESOZOIC AND CENOZOIC

PALAEOZOIC

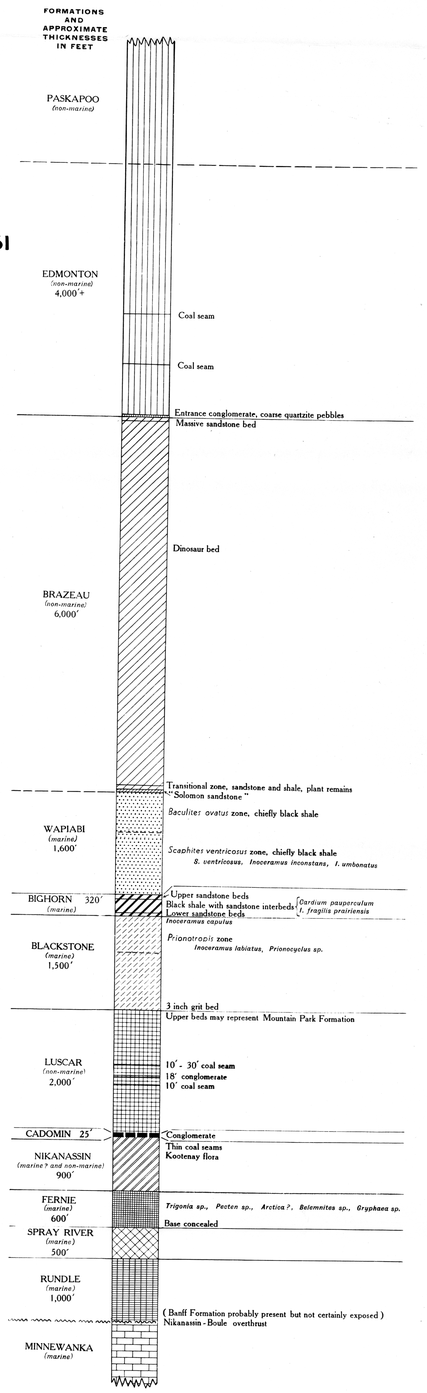
Heavily drift-covered area
Small rock outcrop, area of outcrop
Bedding (inclined, vertical, overturned)
Fault
Anticlinal axis
Synclinal axis
Drill hole
Coal mine or prospect
Coal seam, projected (structure sections only)
Marsh

Geology by A. H. Lang and R. A. C. Brown, 1943

GENERALIZED COLUMNAR SECTION

Scale: 1 inch to 1000 feet

FORMATIONS AND APPROXIMATE THICKNESSES IN FEET



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