CANADA
DEPARTMENT OF MINES AND RESOURCES
MINES, FORESTS AND SCIENTIFIC SERVICES BRANCH

STRUCTURE SECTION ALONG LINE A-B

GEOLOGICAL SURVEY OF CANADA

LEGEND

TERTIARY(?)
PALEOCENE (?)
- 13 — Sandstone, shale, conglomerate,

CRETACEOUS
UPPER CRETACEOUS
- 12, 12A — BRAZEAU FORMATION: sandstone, shale, pebble-conglomerate, coal; 12A, Solomon sandstone member at base of Brazeau formation
- 11 — WAPIABI FORMATION: shale, sandy shale
- 10 — BIGHORN FORMATION: quartzitic sandstone, sandy shale, shale
- 9 — BLACKSTONE FORMATION: shale, silty shale
- 8 — DUNVEGAN FORMATION: sandstone, siltstone, silty shale

LOWER CRETACEOUS (?)
- 7 — FORT ST. JOHN GROUP (?): shale

LOWER CRETACEOUS
- 6 — LUSCAR AND (?) MOUNTAIN PARK FORMATIONS: sandstone, shale, conglomerate (?), coal
- 5 — CADOMIN FORMATION: conglomerate
- 4 — NIKANASSIN FORMATION: quartzitic sandstone, shale

JURASSIC
- 3 — FERNIE GROUP: shale, quartzitic sandstone

TRIASSIC
- 2, 2A — SPRAY RIVER FORMATION: quartzitic siltstone; 2A, Whitehorse member: limestone, dolomite

CARBONIFEROUS
MISSISSIPPIAN
- 1 — RUNDLE FORMATION: limestone

Small rock outcrop, area of outcrop
Bedding (horizontal, inclined, vertical)
Fault
Anticlinal axis
Synclinal axis

Geology by A. H. Lang and E. J. W. Irish, 1947

Road well travelled
Trail
Marsh

GENERALIZED COLUMNAR SECTION

Scale: 1 inch to 1,000 feet

FORMATIONS AND APPROXIMATE THICKNESSES IN FEET

BASE MAP SURVEYED BY THE TOPOGRAPHIC SURVEY.
CARTOGRAPHY BY THE GEOLOGICAL MAPPING DIVISION, 1948.

PRELIMINARY MAP 48-7

PIERRE GREYS LAKES

ALBERTA

Scale: 2 inches to 1 mile

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