

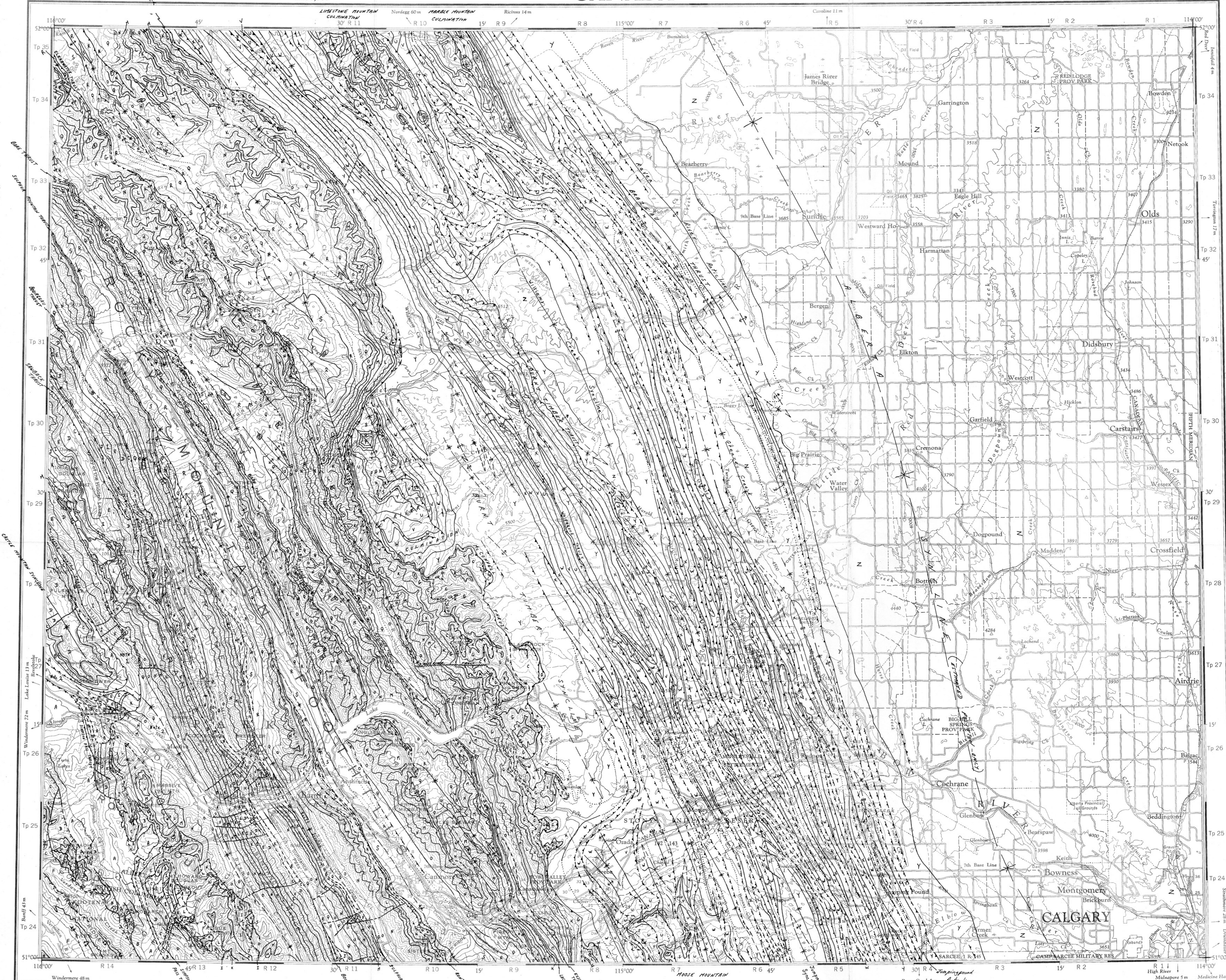
- TERTIARY**
 - PALAEOCENE**
 - Tps** PASAPO FORMATION: sandstone, mudstone, siltstone, conglomerate (nonmarine)
 - CRETACEOUS**
 - UPPER CRETACEOUS**
 - Kb2u** BRAZEAU FORMATION (upper part): sandstone, mudstone, siltstone, conglomerate (nonmarine)
 - Kb1** BRAZEAU FORMATION (lower part): sandstone, mudstone, siltstone, conglomerate (nonmarine)
 - ALBERTA GROUP**
 - Kwp** WAPIABI FORMATION: shale, siltstone and minor sandstone (marine)
 - Kcb** CARDIUM and BLACKSTONE FORMATIONS: shale, sandstone and minor conglomerate (marine)
 - LOWER CRETACEOUS**
 - BLAIRMORE GROUP**
 - Kb1** BEAVER MINES and MILL CREEK FORMATIONS: sandstone, mudstone, siltstone and conglomerate (nonmarine)
 - Kbl** CADOMIN FORMATION and LOWER BLAIRMORE: sandstone, shale, siltstone and conglomerate (nonmarine)
- MESOZOIC**
 - JURASSIC AND (?)CRETACEOUS**
 - Jks** KOOTENAY FORMATION: sandstone, shale, siltstone and coal (nonmarine and minor marine)
 - Jf** FERNIE FORMATION: shale and sandstone (marine)
 - JURASSIC**
 - Jf** FERNIE FORMATION: shale and sandstone (marine)
 - TRIASSIC**
 - st** SPRAY RIVER GROUP: siltstone, sandstone, mudstone, shale and dolomite (marine)
 - MISSISSIPPIAN, PENNSYLVANIAN AND PERMIAN**
 - Mpd** MOUNT HEAD and ETHERINGTON FORMATIONS (RUNDLE GROUP, upper part) and ROCKY MOUNTAIN GROUP: limestone and dolomite; sandstone in upper part (marine)
 - Mlv** RUNDLE GROUP (lower part)
 - Mpp** RUNDLE GROUP (undivided), PENNSYLVANIAN, PERMIAN (marine)
 - Ml** LIVINGSTONE FORMATION (includes PEKISKO, GHINDA and TURNER VALLEY FORMATIONS): limestone and dolomite (marine)
 - Mbf** EXSHAW and BANFF FORMATIONS: limestone, shale and dolomite (marine)
 - DEVONIAN**
 - Dap** UPPER DEVONIAN ALEXO/SASSENACH and PALLISER FORMATIONS: limestone and dolomite (marine)
 - DF** FAIRHOLME GROUP CAIRN, FLUME, SOUTHEK and MOUNT HAWK FORMATIONS: dolomite and minor limestone (includes YAHATINDA FORMATION at base) (marine)
 - ORDOVICIAN**
 - O** OUTRAM, TIPPERARY QUARTZITE and SKOKI FORMATIONS: limestone, dolomite, sandstone and siltstone (marine)
 - CAMBRIAN AND ORDOVICIAN**
 - CO** SURVEY PEAK FORMATION: shale and limestone (marine)
 - CAMBRIAN**
 - CI** MIDDLE AND UPPER CAMBRIAN LINK GROUP WATERFOWL, SULLIVAN, LYLELL, BISON CREEK and MISTAYA FORMATIONS: limestone, shale, dolomite and minor siltstone and sandstone (marine)
 - Ccl** CHANCELLOR FORMATION (middle and upper parts): slate, limestone and dolomite (marine)
 - Cel** ELDON FORMATION TO LINK GROUP (undivided)
 - Ccl** CHANCELLOR FORMATION (lower part): limestone, slate and dolomite (marine)
 - LOWER CAMBRIAN**
 - Cg** GOG GROUP Sandstone, siltstone and shale (marine)
 - WINDERMERE (HADRYNIAN)**
 - Pml** MIETTE GROUP Sandstone, slate and conglomerate (marine)
- PROTEROZOIC**

Note 1 - Unmapped
Note 2 - Landslide deposits

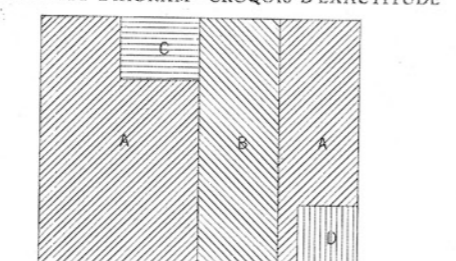
- Geological boundary (defined, assumed)
- Facies boundary (approximate)
- Thrust fault (teeth on upthrust side; defined, assumed)
- Gravity fault (pins on downthrown side; defined, assumed)
- Fault, actual movement unknown (defined, assumed)
- Anticline, surface trace of axial surface (defined, assumed)
- Syncline, surface trace of axial surface (defined, assumed)
- Anticline/Syncline (overturned)

Geological compilation by N. C. Ollerenshaw 1973-74
Based on published maps of the Geological Survey of Canada and field work by N. C. Ollerenshaw, 1962-1971
Approximate magnetic declination 1975, averages 22° easterly
Elevations in feet above mean sea-level at contour interval of 500 feet

Note: The single letter symbols used to designate rock units on the map correspond to the letters in the lower right corners of the legend blocks. E.g. R on the map is the Fernie Formation.



RELIABILITY DIAGRAM - CROQUIS D'EXACTITUDE



Drawn 1964, by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, Ottawa 1965.
Magnetic declination 1964 varies from 22°W westerly at centre of west edge to 22°E easterly at centre of east edge. Mean annual change 1.4 westerly.

- Roads: hard surface, all weather; loose or stabilized surface, all weather; loose surface, dry weather; wagon, cart track; trail or portage.
- Routes: paved, toute saison; gravel, aggloméré, toute saison; chemin de terre; sentier ou portage.

- A. Large scale map, photogrammetric, published 1956-63.
- B. Large scale map, photogrammetric, revised with aerial photographs taken in 1962.
- C. Large scale map, revised with aerial photographs taken in 1955.
- D. Detail map, photogrammetric, published 1951-63.

- A. Carte à grande échelle, photogramétrique, publiée en 1956-63.
- B. Carte à grande échelle, photogramétrique, révisée d'après des photographies aériennes prises en 1962.
- C. Carte à grande échelle, révisée d'après des photographies aériennes prises en 1955.
- D. Carte détaillée par photogrammétrie, publiée en 1951-63.

CALGARY
ALBERTA - BRITISH COLUMBIA
WEST OF FIFTH MERIDIAN - OUEST DU CINQUIÈME MÉRIDIEN
Scale 1:250,000 Échelle

OPEN FILE
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GEOLOGICAL SURVEY
OTTAWA

Transverse Mercator Projection
North American Datum 1927
Contour Interval 500 feet
Elevations in feet above Mean Sea Level

Échelle en 1964, par la DIRECTION DES LÉVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, Ottawa 1965.
La déclinaison magnétique pour 1964 varie de 22°W Est au centre de la limite Ouest à 22°E Est au centre de la limite Est. Variation moyenne annuelle 1.4 Ouest.

N. C. OLLERENSHAW
DEC. 1973
TO
DEC. 1974

NOTE: Thin Kootenay Formation outcrops above the Burnt Timber Thrust and in the Limestone Mountain culmination.

Index to adjoining sheets of National Topographic System
Tableaux d'assemblage du Système National de Référence Cartographique