

Diagrammatic cross-section along A-B

- LEGEND**
- TERTIARY**
- PALEOCENE**
- Tpa** PASKAPOO FORMATION: flaggy to slabby, yellowish brown weathering, feldspathic sandstone; grey and greenish grey siltstone and rubby mudstone; minor conglomerate (nonmarine)
- CRETACEOUS**
- UPPER CRETACEOUS**
- Kbzu** BRAZEAU FORMATION (upper part): flaggy to slabby, grey and minor greenish grey, feldspathic sandstone; greenish grey and grey siltstone and rubby mudstone; minor conglomerate, coal, and bentonite (nonmarine)
- Kbzl** BRAZEAU FORMATION (lower part): flaggy to slabby, greenish grey and grey, feldspathic sandstone; greenish grey and grey siltstone and rubby mudstone; local pebbly sandstone and pebble-conglomerate (nonmarine)
- Kwp** ALBERTA GROUP  
WAPABI FORMATION: silty, dark grey, platy to rubby shale and calcareous shale, commonly with platy, laminated siltstone and sandstone layers; concretionary shale and mudstone; minor argillaceous sandstone; minor pebble layers and bentonite seams (marine)
- SUBSURFACE ONLY (STRUCTURE CROSS-SECTION)**
- CRETACEOUS**
- UPPER CRETACEOUS**
- Kcr** ALBERTA GROUP  
CARDIUM FORMATION: sandstone, argillaceous sandstone and shale (marine)
- Kbk** BLACKSTONE FORMATION: shale, siltstone and minor sandstone (marine)
- LOWER CRETACEOUS**
- BLAIRMORE GROUP (Undivided)**
- Kbl** Sandstone, feldspathic sandstone, siltstone, rubby mudstone and shale; minor conglomerate (nonmarine)
- JURASSIC AND (?) CRETACEOUS**
- UPPER JURASSIC AND (?) LOWER CRETACEOUS**
- Jkk** KOOTENAY FORMATION: sandstone and shale (nonmarine and marine)
- Jf** FERNIE FORMATION: shale (marine)
- MISSISSIPPIAN**
- RUNDLE GROUP**
- Mr** Limestone and dolomite (marine)
- Mbf** BANFF FORMATION: argillaceous dolomite and limestone (marine)
- Geological boundary (defined, approximate, assumed) .....  
Bedding, tops known .....  
Bedding, tops unknown (inclined, vertical) .....  
Averaged local bedding (adopted from MacKay, 1939) .....  
Thrust fault (approximate, assumed, teeth indicate upthrust side) .....  
Anticline (approximate, assumed) .....  
Syncline (approximate, assumed) .....  
Oil well .....  
Abandoned well (dry) .....  
Line of section A-B

Geology and Map Compilation by N.C. Ollershaw, 1973

Based on: Field work and airphoto interpretation by N.C. Ollershaw, 1965, 1973;  
Available well data:  
Map 549A by B.R. MacKay, 1939

Geological cartography by the Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada, 1974

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map at the same scale published by Surveys and Mapping Branch in 1971

Copies of the topographic edition of this map may be obtained from the Canada Map Office, 615 Booth Street, Ottawa, Ontario K1A 0E9

Approximate magnetic declination 1974, 21°53.8' East, decreasing 2.65' annually

Elevations in feet above mean sea-level

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Printed by the Surveys and Mapping Branch, 1974

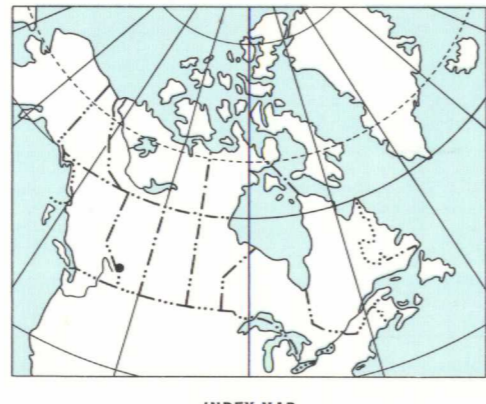
**MAP 1387A**  
**GEOLOGY**  
**FALLEMTIMBER CREEK**  
(West Half)  
WEST OF FIFTH MERIDIAN  
ALBERTA  
Scale 1:50,000

Miles 1 0 1 2 Miles  
Metres 1000 0 1000 2000 3000 Metres  
Universal Transverse Mercator Projection  
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8-1969	82 0/14	82 0/18	82 0/18
7-1969	670 A	82 0/19	82 0/19
11-1965	1387 A	548 A	82 0/19
82 0/19	82 0/19	82 0/19	82 0/19
1272 A	1273 A	1351 A	652 A

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

MAP 1387A  
FALLEMTIMBER CREEK  
ALBERTA



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1387A