



Structure-section along A-B

LEGEND

- CENOZOIC**
- QUATERNARY**
 - Qd Drift (in structure-section)
 - CRETACEOUS**
 - UPPER CRETACEOUS**
 - uKd DUNVEGAN FORMATION: sandstone, shale
 - Ks Sandstone
 - LOWER CRETACEOUS**
 - IKSu FORT ST. JOHN GROUP
 - IKKs SULLY FORMATION: gypsiferous shale (in structure-section)
 - IKKs SIKANI FORMATION: sandstone, shale (in structure-section)
 - IKb BUCKINGHORSE FORMATION: shale, siltstone, sandstone (in structure-section)
 - IKFSu FORT ST. JOHN GROUP
 - IKFSu Dark grey concretionary and gypsiferous shale
 - MESOZOIC**
 - MISSISSIPPIAN**
 - Mb BANFF FORMATION: dark grey shale, limestone (in structure-section)
 - Me EXSHAW FORMATION: black shale (in structure-section)
 - DEVONIAN**
 - UPPER DEVONIAN**
 - uKk KOTCHO FORMATION: shale, limestone
 - uDt TETCHO FORMATION: limestone
 - uDr TROUT RIVER FORMATION: limestone, sandy limestone
 - uKa KAKISA FORMATION: bioclastic limestone, sandy limestone
 - uDr REDKNIFE FORMATION: siltstone, shale
 - uUm JEAN MARIE MEMBER, REDKNIFE FORMATION: bioclastic limestone, sandy limestone
 - uTa TATHLINA FORMATION: greenish grey shale, siltstone
 - uTf TWIN FALLS FORMATION: varicoloured limestone and shale
 - uDa ALEXANDRA MEMBER, TWIN FALLS FORMATION: aphanitic limestone, shale
 - uDa ALEXANDRA MEMBER, TWIN FALLS FORMATION: bioclastic and reefy limestone beds
 - uDr HAY RIVER FORMATION: greenish grey shale, limestone, siltstone
 - uDr ESCARPMENT MEMBER, HAY RIVER FORMATION: bioclastic and reefy limestone beds
 - MIDDLE DEVONIAN**
 - mDp SLAVE POINT FORMATION: aphanitic to fine-grained limestone
 - mDsup SULPHUR POINT FORMATION: limestone (in structure-section)
 - mDp PRESQUILLE FORMATION: massive, coarse-grained, vuggy dolomite
 - mDp PINE POINT FORMATION: limestone, dolomite, shale (in structure-section)
 - mDc CHINCHAGA FORMATION: dolomite, anhydrite; includes basal red shale, and sandy dolomite (may be older) (in structure-section)
 - mDh HEADLESS FORMATION: green shale (in structure-section)
 - mDm MANETOE FORMATION: coarse-grained porous dolomite (in structure-section)
 - mDl LANDRY FORMATION: limestone (in structure-section)
 - mDa ARNICA FORMATION: cryptocrystalline and fine-grained dolomite (in structure-section)
 - MIDDLE DEVONIAN AND (?) OLDER**
 - Dar MIRAGE POINT FORMATION: sandy dolomite, red and green shale, gypsium (in structure-section)
 - PALEOZOIC**
 - uFfs FORT SIMPSON FORMATION: green and grey shale, siltstone, limestone
 - mDhr HORN RIVER FORMATION: dark grey and black shale
 - PROTEROZOIC**
 - Helikian? Includes quartzite, shale, chert, dolomite (in structure-section)
 - Aphebian? Includes granitic rocks (in structure-section)



Scale of this map may be obtained from the Geological Survey of Canada, Ottawa.



- Rock outcrop
- Geological boundary (defined, approximate, assumed)
- Syncline
- Normal fault (hachures on downthrown side)
- Lineament
- Well (gas, abandoned)

Geology by R.J.W. Douglas, P. Harter, D.J. McLaren, A.W. Norris, D.K. Norris and D.F. Short, 1957; H.R. Belyea and D.J. McLaren, 1962; H.R. Belyea, 1970; G.K. Williams and N.C. Meier-Drews 1973.

Compilation by R.J.W. Douglas, 1958, 1973

Geological cartography by J.P. Corriveau, Geological Survey of Canada

MAP 1371A
GEOLOGY
TROUT RIVER
DISTRICT OF MACKENZIE
Scale 1:500,000
Miles 0 8 16 24
Kilometres 0 12 24 36
Universal Transverse Mercator Projection
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Base-map assembled by the Geological Survey of Canada from maps published at the same scale by the Survey and Mapping Branch in 1972.

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa.

Mean magnetic declination 1973, 31°37' East, decreasing 5.7' annually. Readings vary from 29°37' in the SE corner to 32°38' in the NW corner of the map area.

Elevations in feet above mean sea-level

1370A	1371A	1372A	1373A	1374A
1375A	1376A	1377A	1378A	1379A
1380A	1381A	1382A	1383A	1384A

NATIONAL TOPOGRAPHICAL SYSTEM REFERENCE FOR GEOLOGICAL MAPS OF OPERATION MACKENZIE

MAP 1371A
TROUT RIVER
DISTRICT OF MACKENZIE

1371A

1371A 1371A