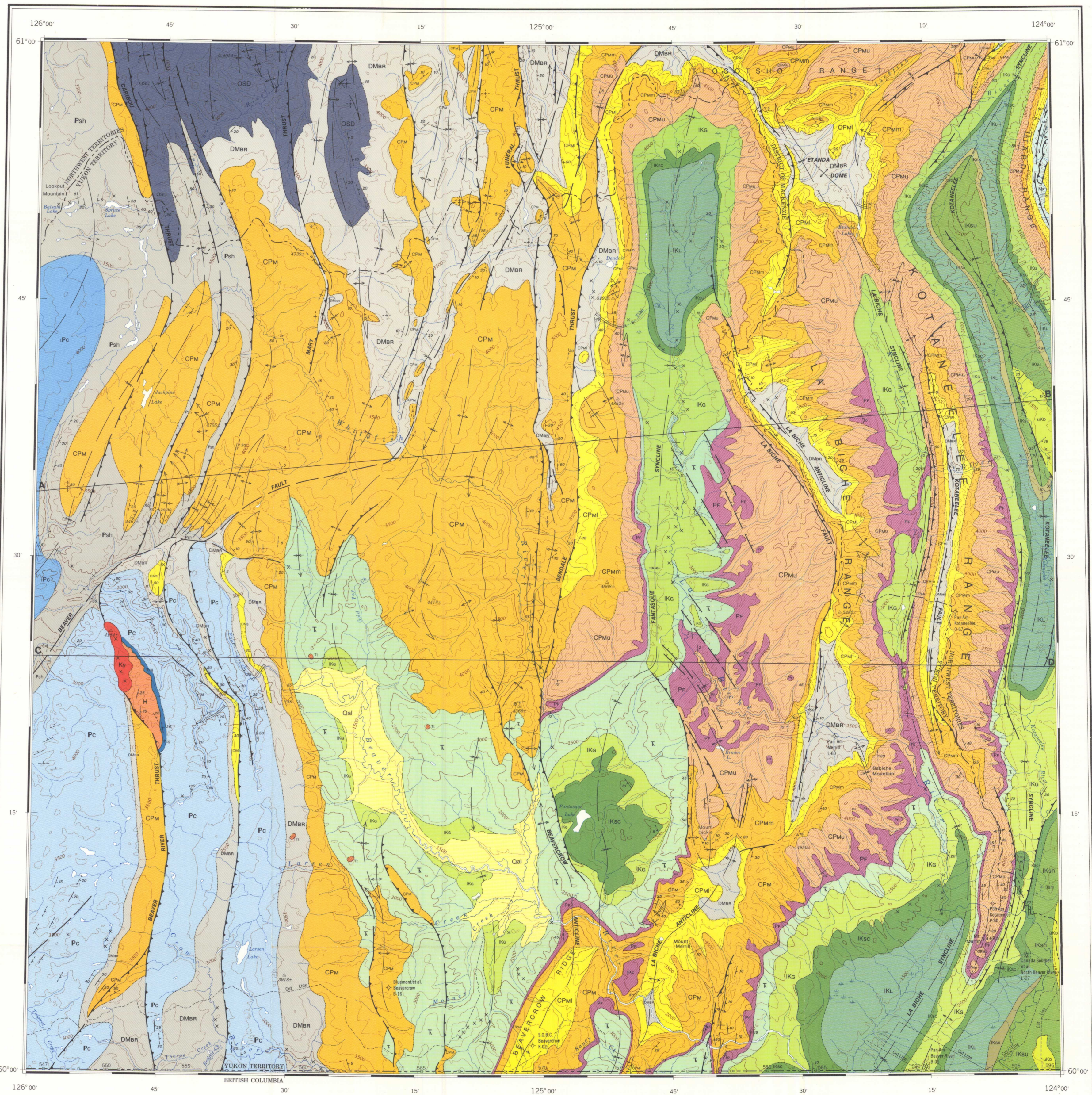
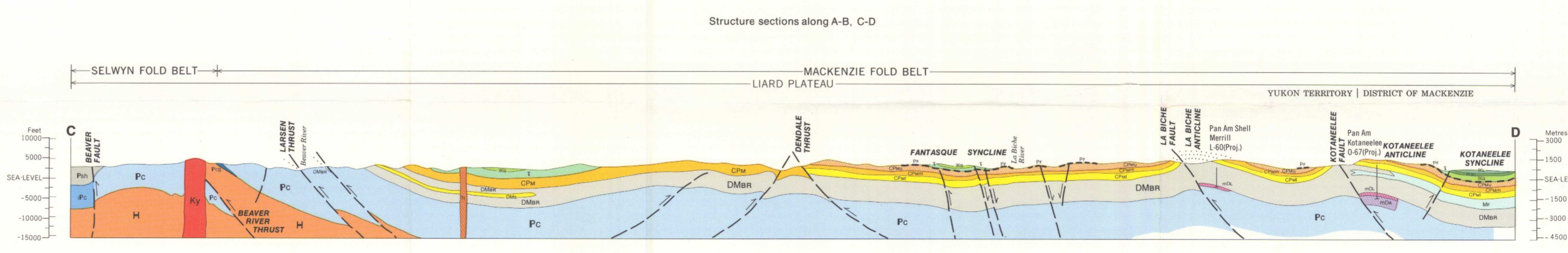
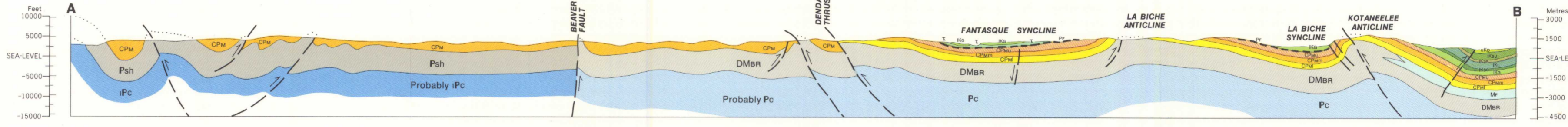
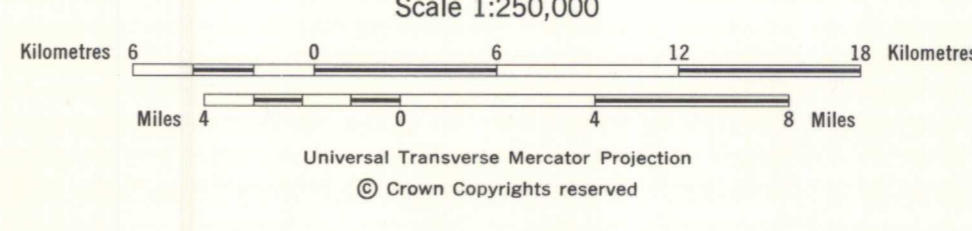


SELWYN FOLD BELT | LIARD PLATEAU | MACKENZIE FOLD BELT | YUKON TERRITORY | DISTRICT OF MACKENZIE

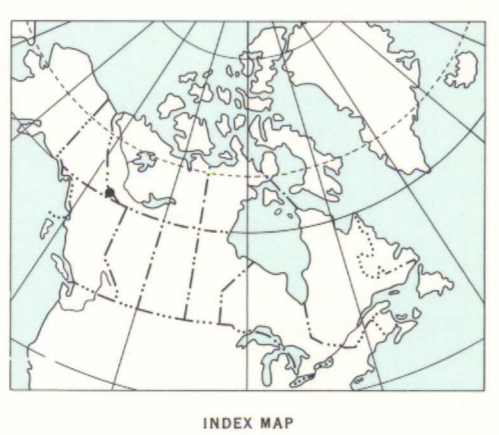
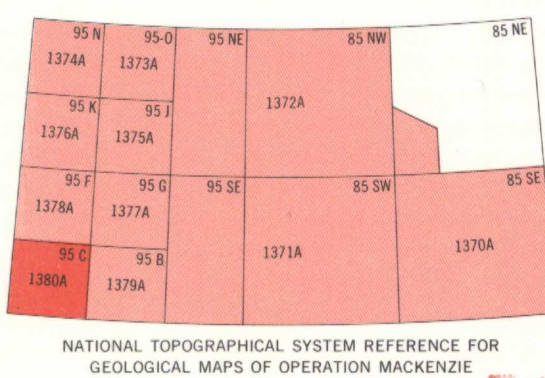
- LEGEND**
- CENOZOIC**
- QUATERNARY**
- Qal Alluvial sands and silts of Beaver River
 - Tertiary? Trachyte
- CRETACEOUS?**
- Ky Coarse-grained syenite
- CRETACEOUS UPPER CRETACEOUS**
- uKd DUNVEGAN FORMATION: carbonaceous sandstone and pebble conglomerate; dark grey shale; siltstone
- LOWER CRETACEOUS**
- IKsu FORT ST. JOHN GROUP SULLY FORMATION: dark grey, concretionary shale, gypsiferous in part
 - IKSk SIKANNI FORMATION: greenish grey sandstone, siltstone, shale
 - IKL LEPINE FORMATION: concretionary and rusty weathering shale
 - IKSc SCATTER FORMATION: greenish grey sandstone, siltstone
 - IKG GARBUTT FORMATION: concretionary and rusty weathering shale; basal pebble conglomerate and grey sandstone
- TRIASSIC?**
- T Includes grey shale and thinly bedded siltstone (extended from adjacent map-area)
- PERMIAN**
- Pf FANTASQUE FORMATION: thick, grey, banded chert; grey sandstone; mudstone (pattern in structure sections only)
- CARBONIFEROUS AND PERMIAN**
- CPM Undivided (may include FANTASQUE FORMATION)
 - CPMu Upper part: grey sandstone; limestone; shale
 - CPMm Middle part: massive bedded, grey to brown sandstone
 - CPMl Lower part: thinly bedded grey sandstone; shale; coal
- MISSISSIPPIAN**
- Mr FLETT FORMATION: grey limestone; shale
 - Mc CLAUSEN FORMATION: black shale, thin limestone
- DEVONIAN AND MISSISSIPPIAN**
- DMBr BESA RIVER FORMATION: dark grey shale, siltstone
 - DMs Fine-grained quartzose sandstone
- DEVONIAN**
- mDx MIDDLE DEVONIAN LANDRY FORMATION: limestone (in structure section only)
 - mDa ARNICA FORMATION: dolomite (in structure section only)
- ORDOVICIAN, SILURIAN AND DEVONIAN**
- OSD Shale, limestone
 - Pc MIDDLE DEVONIAN AND OLDER Grey banded dolomite; granular, porous dolomite; coralliferous limestone; massive grey dolomite; sandstone
 - iPc MIDDLE ORDOVICIAN AND OLDER May include middle Ordovician and older carbonates (extended from adjacent map-area)
 - Pcg Boulder conglomerate (may be Hadrynian)
- PROTEROZOIC**
- H HELIKIAN? Includes green laminated argillite
- Rock outcrop**
Geological boundary (approximate, assumed)
Bedding, measured (horizontal, inclined, vertical)
Bedding, estimated (horizontal, inclined, vertical)
Fault
Thrust, reverse fault (teeth on hanging wall)
Normal fault (hachures on hanging wall)
Anticline (arrow indicates plunge)
Syncline (arrow indicates plunge)
Location of measured section
Well: gas, abandoned
- Geology by W.B. Brady, R.J.W. Douglas, P. Harker, D.F. Stott, 1957; C.O. Hage, 1945; D.F. Stott, 1972
- Compilation by R.J.W. Douglas, 1959, 1974
- Geological cartography by R.L. Allard, Geological Survey of Canada
- 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 the Surveys and Mapping Branch in 1971
- Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8, 3303 - 33rd Street, N.W., Calgary, Alberta T2L 2A7
- Magnetic declination 1975 varies from 32°20.7' easterly at centre of west edge to 30°25.2' easterly at centre of east edge. Mean annual change 5.0' westerly
- Elevations in feet above mean sea-level



MAP 1380A
GEOLOGY
LA BICHE RIVER
DISTRICT OF MACKENZIE



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