





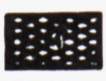

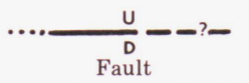
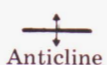
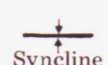
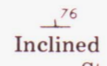


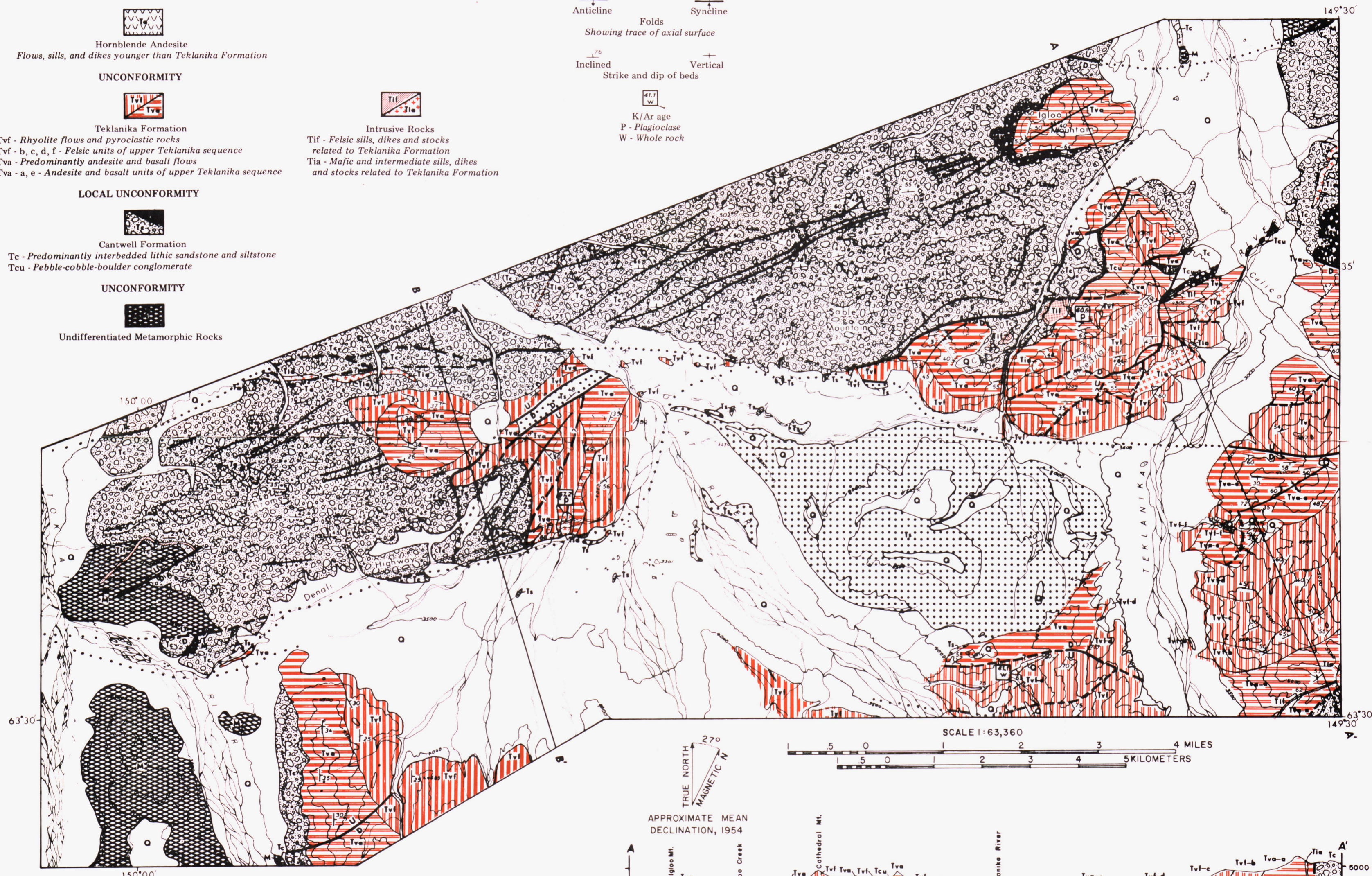


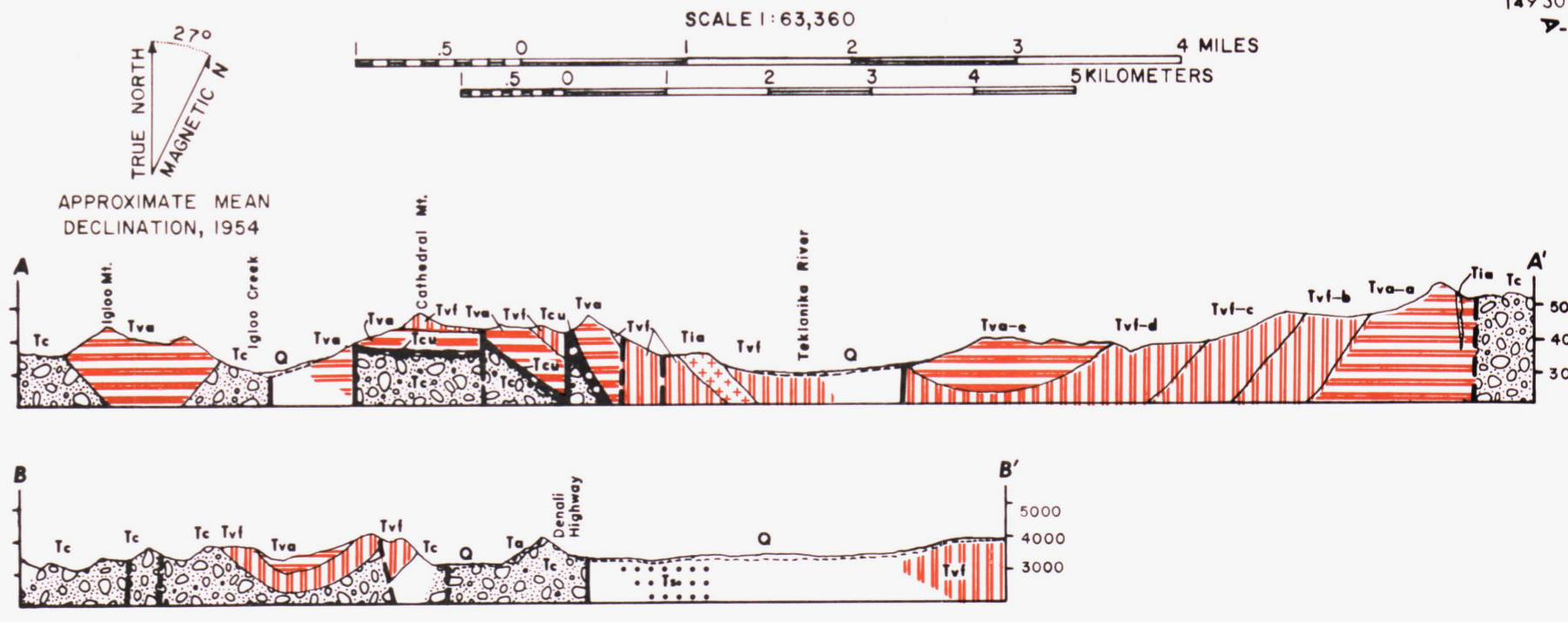
EXPLANATION

-  Undifferentiated Quaternary Deposits
Includes glacial, alluvial and colluvial deposits
- UNCONFORMITY**
-  Undifferentiated Coal-Bearing Group and Nenana Gravel
- UNCONFORMITY**
-  Hornblende Andesite
Flows, sills, and dikes younger than Teklanika Formation
- UNCONFORMITY**
-  Teklanika Formation
*Tvf - Rhyolite flows and pyroclastic rocks
Tvf - b, c, d, f - Felsic units of upper Teklanika sequence
Tva - Predominantly andesite and basalt flows
Tva - a, e - Andesite and basalt units of upper Teklanika sequence*
-  Intrusive Rocks
*Tif - Felsic sills, dikes and stocks related to Teklanika Formation
Tia - Mafic and intermediate sills, dikes and stocks related to Teklanika Formation*
- LOCAL UNCONFORMITY**
-  Cantwell Formation
*Tc - Predominantly interbedded lithic sandstone and siltstone
Tcu - Pebble-cobble-boulder conglomerate*
- UNCONFORMITY**
-  Undifferentiated Metamorphic Rocks

-  Contact
Dashed where approximately located
-  Fault
*Dashed where approximately located; queried where probable; dotted where concealed.
U, upthrown side; D, downthrown side*
-  Anticline
-  Syncline
- Folds**
Showing trace of axial surface
-  Inclined Strike and dip of beds
-  Vertical
-  K/Ar age
P - Plagioclase
W - Whole rock



Base from U.S. Geological Survey, 1954:
Healy B-6 and C-6, and Mount McKinley
B-1 and C-1 quadrangles, Alaska



GEOLOGIC MAP AND STRUCTURE SECTIONS OF TEKLANIKA RIVER-POLYCHROME MOUNTAIN AREA

By

Wyatt G. Gilbert, Virginia M. Ferrell, and Donald L. Turner