

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

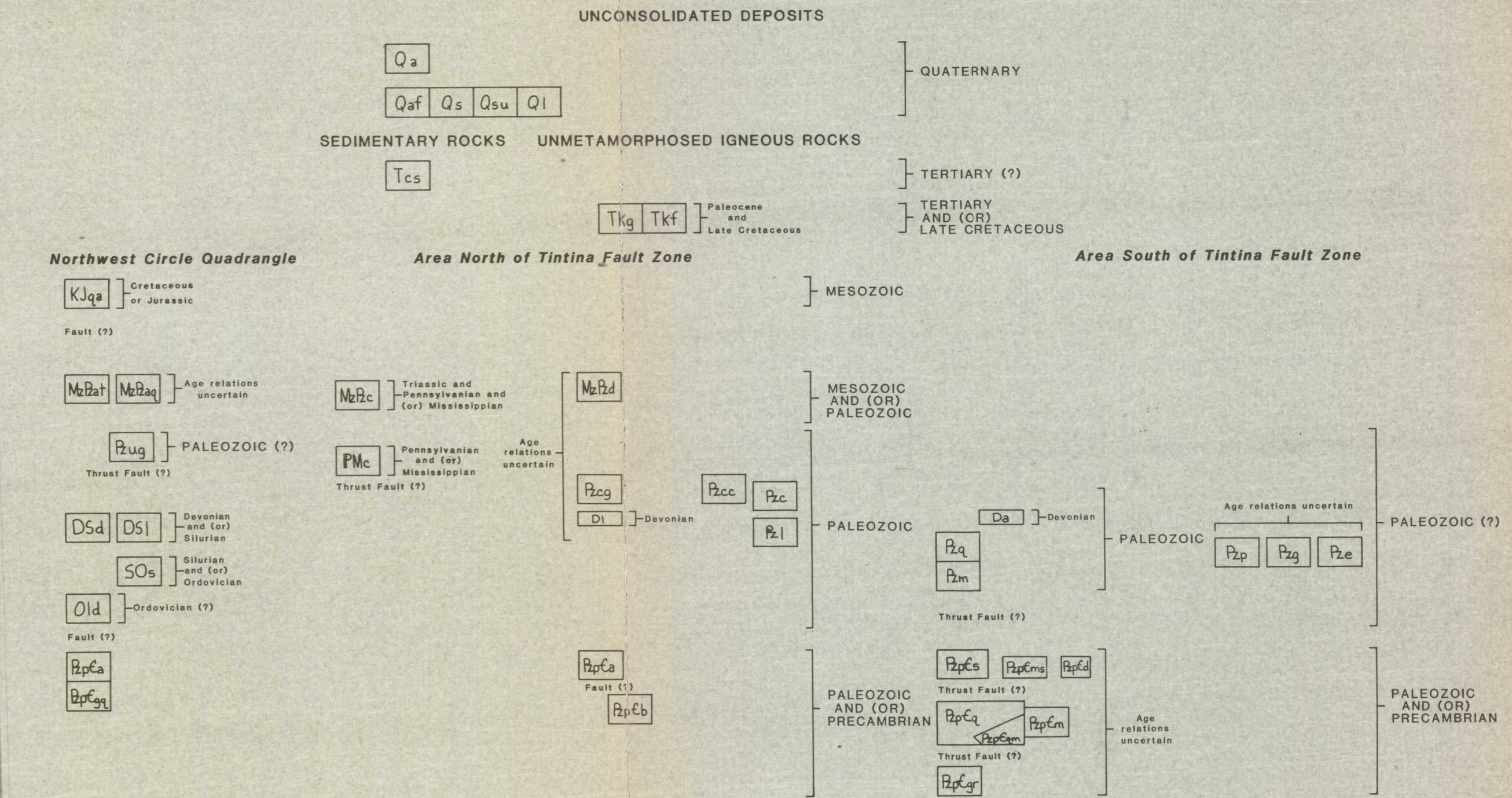


Base from U. S. Geological Survey, 1955

SCALE 1:50,000

This report is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards and nomenclature.

CORRELATION OF MAP UNITS



DEFINITION OF MAP UNITS

- UNCONSOLIDATED DEPOSITS
- Qa Alluvium and colluvium
 - Qaf Alluvial fan deposits
 - Qs Silt and sand
 - Qsu Silt, undifferentiated and organic material
 - Qg Gravel
 - Ql Loess
- SEDIMENTARY ROCKS
- Tcs Conglomerate and sandstone
- UNMETAMORPHOSED IGNEOUS ROCKS
- Tkg Granite
 - Tkf Felsic igneous rock
- NORTHWEST CIRCLE QUADRANGLE
- Klqa Quartzite, argillite, conglomerate, and hornfels
 - Ma2at Argillite, tuff, quartzite, and conglomerate
 - Ma2baq Argillite and quartzite
 - R2ua Ultramafic and mafic rocks and greenstone
 - DSd Dolomite and argillite
 - DSl Limestone, dolomite, and shale
 - SOS Silstone, dolomite, chert, and mafic igneous rocks
 - Oid Livewood Dome(?) Chert
 - PapCa Argillite, grit, and quartzite
 - PapCaa Grit, quartzite, and argillite
- AREA NORTH OF TINTINA FAULT ZONE
- Ma2a Circle Volcanics and associated rocks
 - PMc Chert, argillite, and quartzite
 - Ma2ad Diorite
 - P2cg Chert pebble conglomerate
 - P2cc Chert, conglomerate, and limestone
 - P2c Chert and argillite
 - Dl Limestone
 - P2l Limestone and chert
 - PapCa Argillite, grit, and quartzite
 - PapCb Basalt and limestone
- AREA SOUTH OF TINTINA FAULT ZONE
- Da Augen gneiss
 - P2a Quartzite, meta-argillite and phyllite
 - P2m Phyllite, calcareous phyllite, and marble
 - P2p Pelitic schist
 - P2pms Garnet-muscovite schist
 - P2pca Dolomite and marble
 - P2pca Quartzite and quartzitic schists (includes magnetic chlorite schists subunit (P2pca-m))
 - P2pca Mafic schist
 - P2pca Grit and quartzite
 - P2pca Ultramafic, mafic, and Eclogitic Rocks
 - P2p Serpentinized peridotite
 - P2g Greenstones
 - P2c Eclogite

EXPLANATION OF SYMBOLS

- Contact
- Approximately located, and inferred
- Fault
- Dashed where existence or kind of fault uncertain or where approximately located; dotted beneath covering deposits; arrows indicate apparent direction of offset
- U, upthrown side
- D, downthrown side
- Thrust fault
- Postulated, dotted beneath covering deposits
- Premetamorphic thrust fault
- Postulated; predates major regional metamorphism. Dotted beneath covering deposits
- Linear feature mapped on Landsat images

LINEAR FEATURES MAPPED FROM LANDSAT IMAGES, CIRCLE QUADRANGLE, ALASKA

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