



**EXPLANATION**

— CONTACT

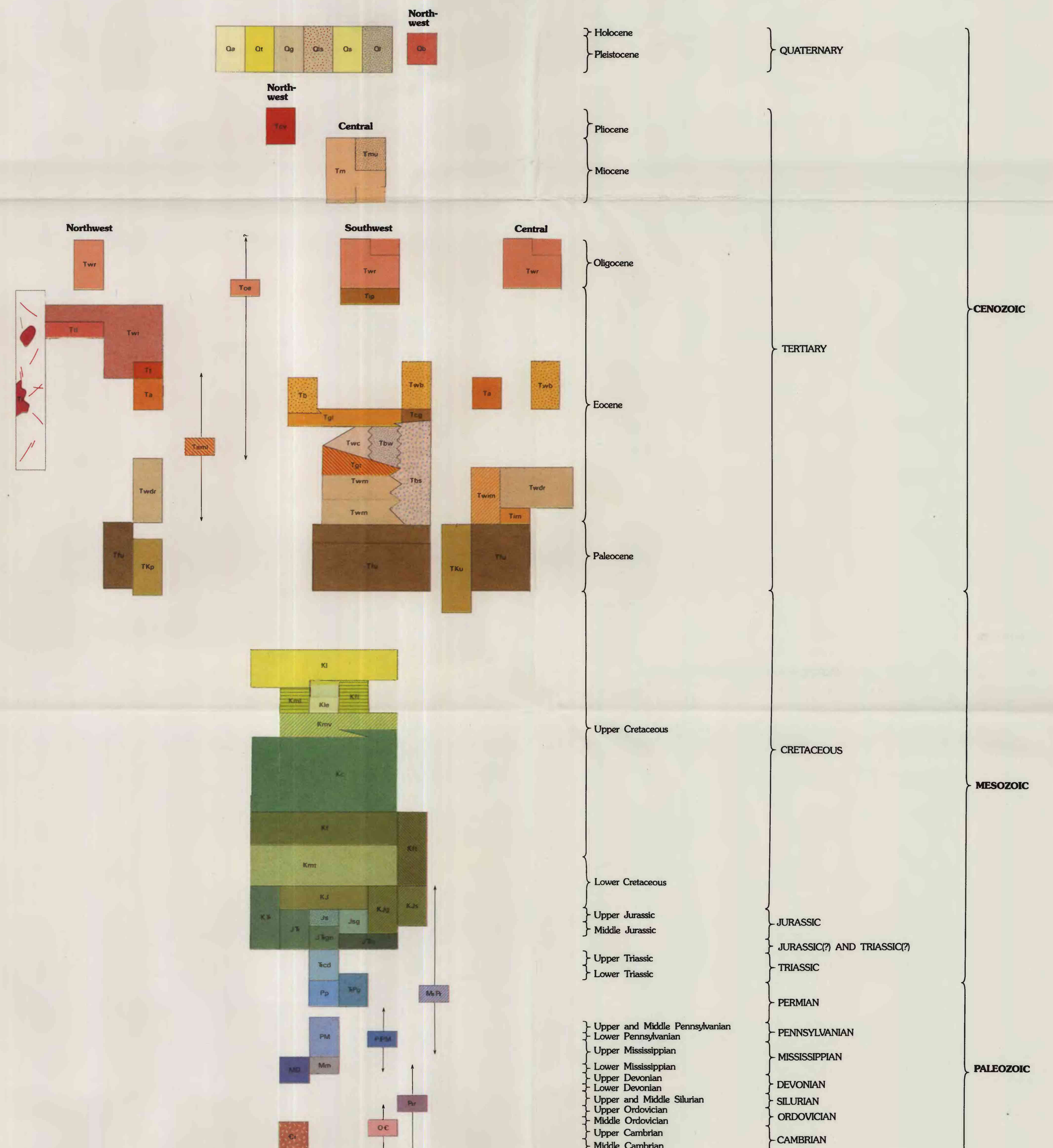
--- FAULT—Dotted where concealed. Bar and ball on downthrown side. Includes shear zones as well as faults in Precambrian rocks in the Wind River Range

--- THRUST FAULT—Dotted where concealed. In some places the dotted line indicates where the fault intersects an unconformity between faulted strata below and unfaulted strata above; in other places it indicates where the shallower part of the fault disappears into bedding planes. Sawtooth on upper plate. Some thrust faults are deeply buried and are approximately located on the basis of seismic data and drilling

/// SHEAR ZONE

Correlation and list of map units modified from Love and Christiansen (1985, sheet 2) and Love, Christiansen, and Van Plog (1992)

**CORRELATION OF MAP UNITS**



**LIST OF MAP UNITS**

**QUATERNARY DEPOSITS**

- Qa ALLUVIUM AND COLLUVIUM
- Qg GRAVEL, PEDIMENT, AND FAN DEPOSITS
- Qd GLACIAL DEPOSITS
- Qc LANDSLIDE DEPOSITS
- Qs DUNE SAND AND LOESS
- Ql PLAYA LAKE AND OTHER LACUSTRINE DEPOSITS
- Qb BASALT FLOWS AND INTRUSIVE IGNEOUS ROCKS

**TERTIARY SEDIMENTARY AND IGNEOUS ROCKS**

- Tc CALDWELL CANYON VOLCANICS
- Tm MIOCENE ROCKS
- Tev UPPER MIOCENE ROCKS
- Twh WHITE RIVER FORMATION
- Toc OLIGOCENE AND (OR) UPPER AND MIDDLE EOCENE ROCKS
- Tis INTRUSIVE IGNEOUS ROCKS
- Tsv ABSAROKA VOLCANIC SUPERGROUP
- Tsc THOROFARE CREEK GROUP
  - Wiggins Formation
  - Two Ocean and Langford Formations - In places may include Trout Peak Trachyandesite of Sunlight Group
  - Tepee Trail Formation
  - Aycross Formation

**MESOZOIC AND PALEOZOIC SEDIMENTARY ROCKS**

- Ml LANCE FORMATION
- Mfs FOX HILLS SANDSTONE AND LEWIS SHALE
- Mm MEETEETSE FORMATION AND LEWIS SHALE
- Mls LEWIS SHALE
- Msv MESAVERDE FORMATION
- Ms Cody SHALE
- Mf FRONTIER FORMATION
- Mmow FRONTIER FORMATION AND MOWRY AND THERMOPOLIS SHALES
- Mmow MOWRY AND THERMOPOLIS SHALES
- Mcl CLOVERLY AND MORRISON FORMATIONS
- Mclm CLOVERLY, MORRISON, AND SUNDANCE FORMATIONS
- Mclm CLOVERLY, MORRISON, SUNDANCE, AND GYPSUM SPRING FORMATIONS
- Mclm CLOVERLY, MORRISON, SUNDANCE, AND GYPSUM SPRING FORMATIONS AND NUGGET SANDSTONE
- Mclm SUNDANCE FORMATION
- Mclm SUNDANCE AND GYPSUM SPRING FORMATIONS
- Mclm SUNDANCE AND GYPSUM SPRING FORMATIONS AND NUGGET SANDSTONE
- Mclm GYPSUM SPRING FORMATION AND NUGGET SANDSTONE
- Mclm NUGGET SANDSTONE
- Mclm CHUGWATER AND DINWOODY FORMATIONS

- Mge GOOSE EGG FORMATION
- Mmp MESOZOIC AND PALEOZOIC ROCKS
- Mph PHOSPHORIA FORMATION AND RELATED ROCKS
- Mpc CASPER FORMATION AND MADISON LIMESTONE
- Mps TENSLEEP SANDSTONE AND AMSDEN FORMATION
- Mpl MADISON LIMESTONE
- Mpd MADISON LIMESTONE AND DARBY FORMATION
- Mplm MADISON LIMESTONE, DARBY FORMATION, BIGHORN DOLOMITE, GALLATIN LIMESTONE, GROS VENTRE FORMATION, AND FLATHEAD SANDSTONE
- Mplm BIGHORN DOLOMITE, GALLATIN LIMESTONE, GROS VENTRE FORMATION, AND FLATHEAD SANDSTONE
- Mplm GALLATIN LIMESTONE, GROS VENTRE FORMATION AND EQUIVALENTS, AND FLATHEAD SANDSTONE

**PRECAMBRIAN ROCKS**

- Mw GRANITE GNEISS
- Mw METASEDIMENTARY AND METAVOLCANIC ROCKS
  - Metasedimentary rocks
  - Metamorphosed mafic and ultramafic rocks
- Mw Oldest GNEISS COMPLEX
- Mw MAFIC INTRUSIVE ROCKS
- Mw PERIDOTITE INTRUSIVE ROCKS
- Mw GRANITIC ROCKS OF 2,600-Ma AGE GROUP
- Mw GRANODIORITE OF THE LOUIS LAKE PLUTON

**GEOLOGIC MAP OF FREMONT COUNTY, WYOMING**