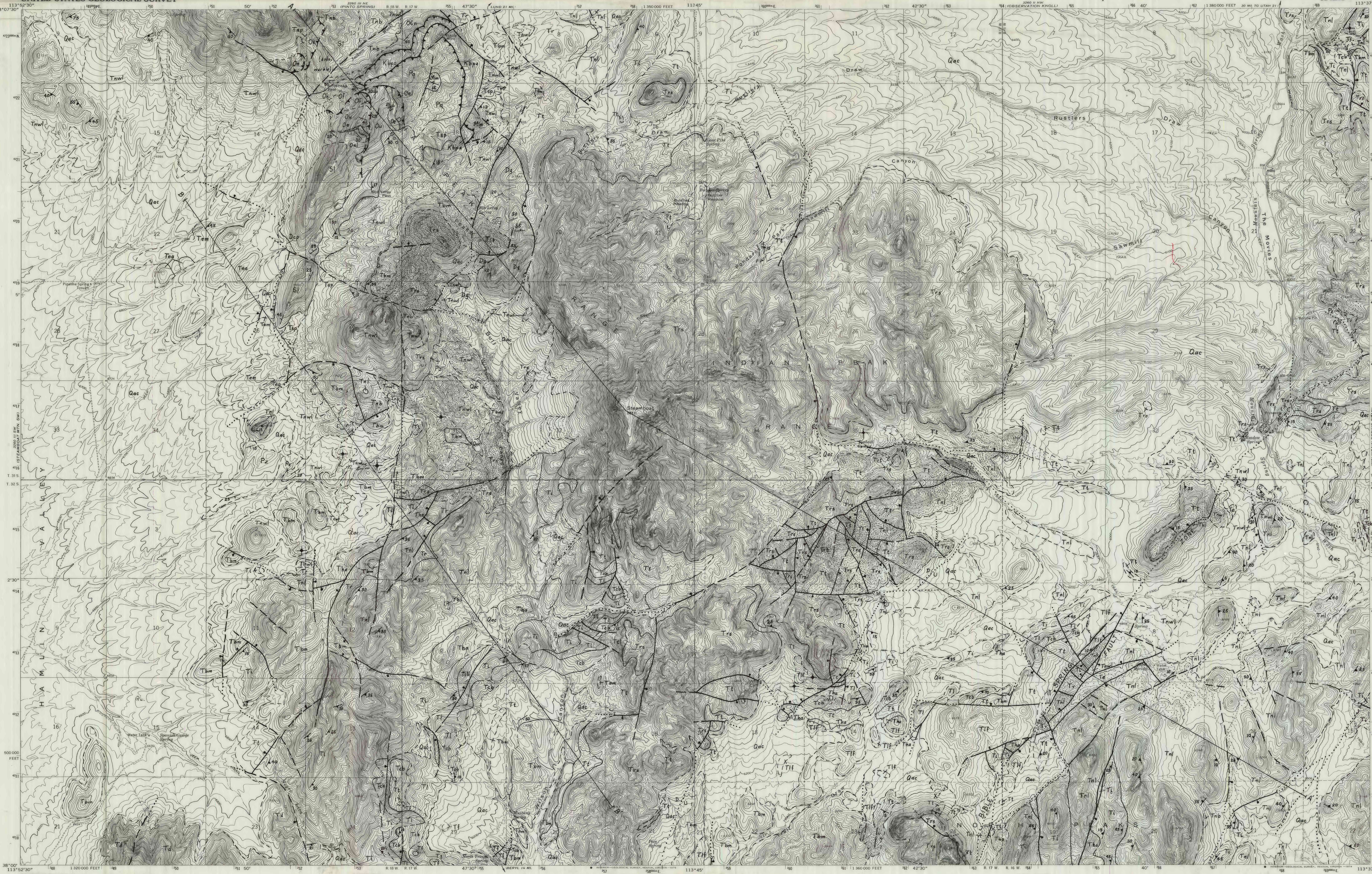
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

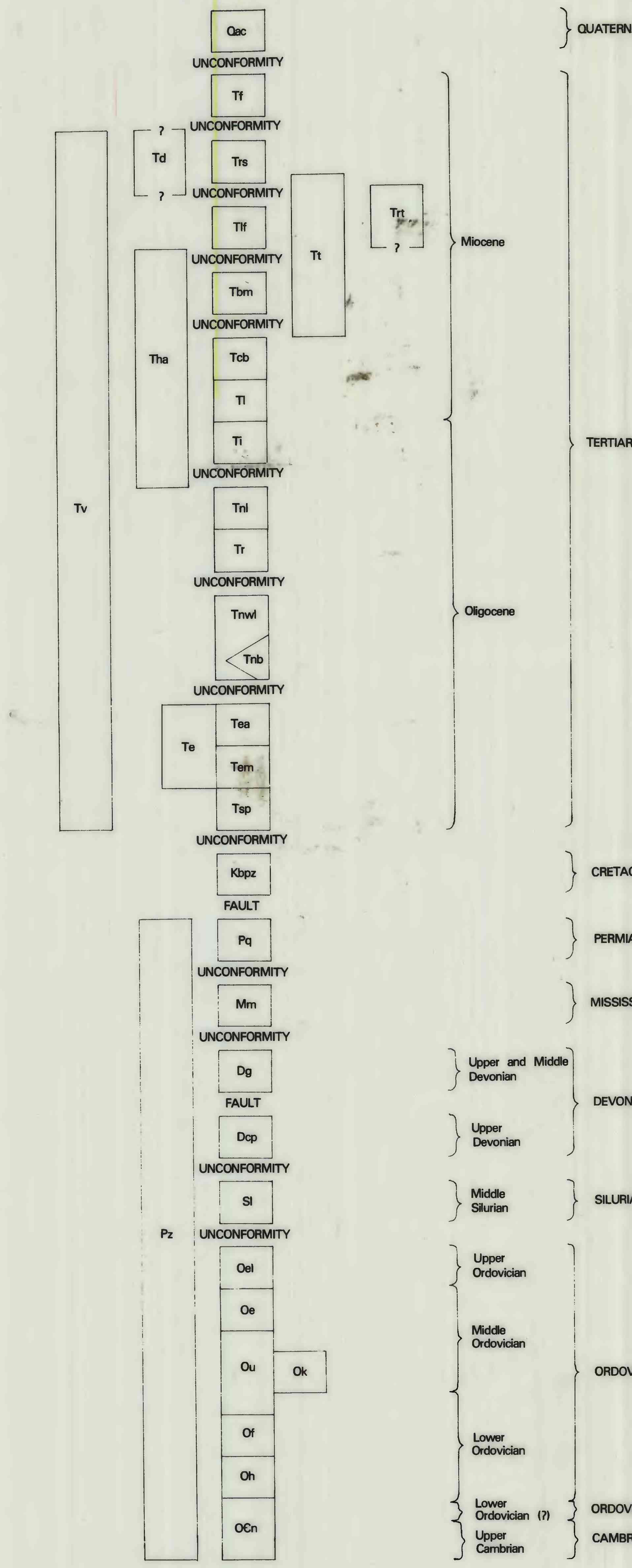
OPEN - FILE REPORT
81-1213




Base from U.S. Geological Survey, 1971

Geology mapped in 1980 by Myron G. Best and Robert L. Davis

SCALE 1:24 000




EXPLANATION OF SYMBOLS

HYDROTHERMALLY ALTERED ROCKS--Intense silicification (dense stippling) of volcanic units with weaker hematitic argillic, alunitic alteraton more widespread (light stippling)

DEPOSITIONAL OR INTRUSIVE CONTACT--Dashed where approximately located or inferred

FAULT--Dashed where approximately located and as seen on aerial photographs as a lineament; dotted where concealed. Ball and bar, or "D" on downthrown side. Possible strike-slip fault denoted by arrows showing sense of displacement

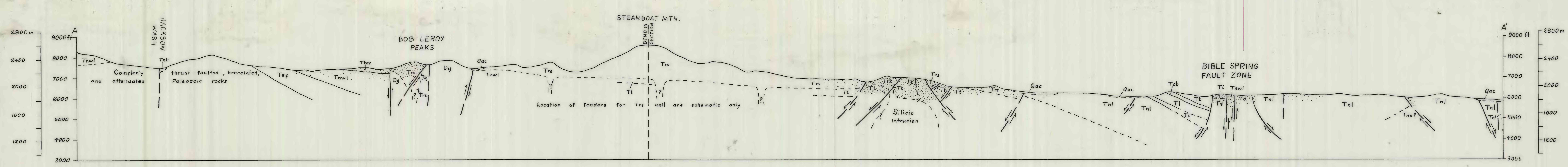
STRIKE AND DIP OF BEDDING

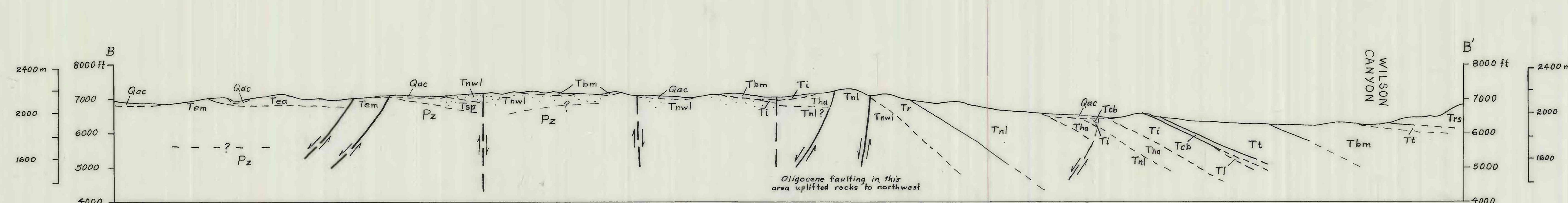
- Inclined
- Vertical
- Overturned

STRIKE AND DIP OF FOLIATION IN ASH-FLOW TUFFS

- Inclined
- Horizontal

TREND AND PLUNGE OF SLICKENSIDES ON STEEPLY DIPPING FAULT SURFACES




U.S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

# GEOLOGIC MAP OF THE STEAMBOAT MOUNTAIN AND BIBLE SPRING QUADRANGLES, WESTERN IRON COUNTY, UTAH

By
Myron G. Best and Robert L. Davis

1981