Plate 1

INTERIM GEOLOGIC MAP OF THE FAIRVIEW QUADRANGLE, SANPETE COUNTY, UTAH

by Nolan R. Jensen

Utah Geological Survey Open-File Report 300 September 1993

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UNITED STATES
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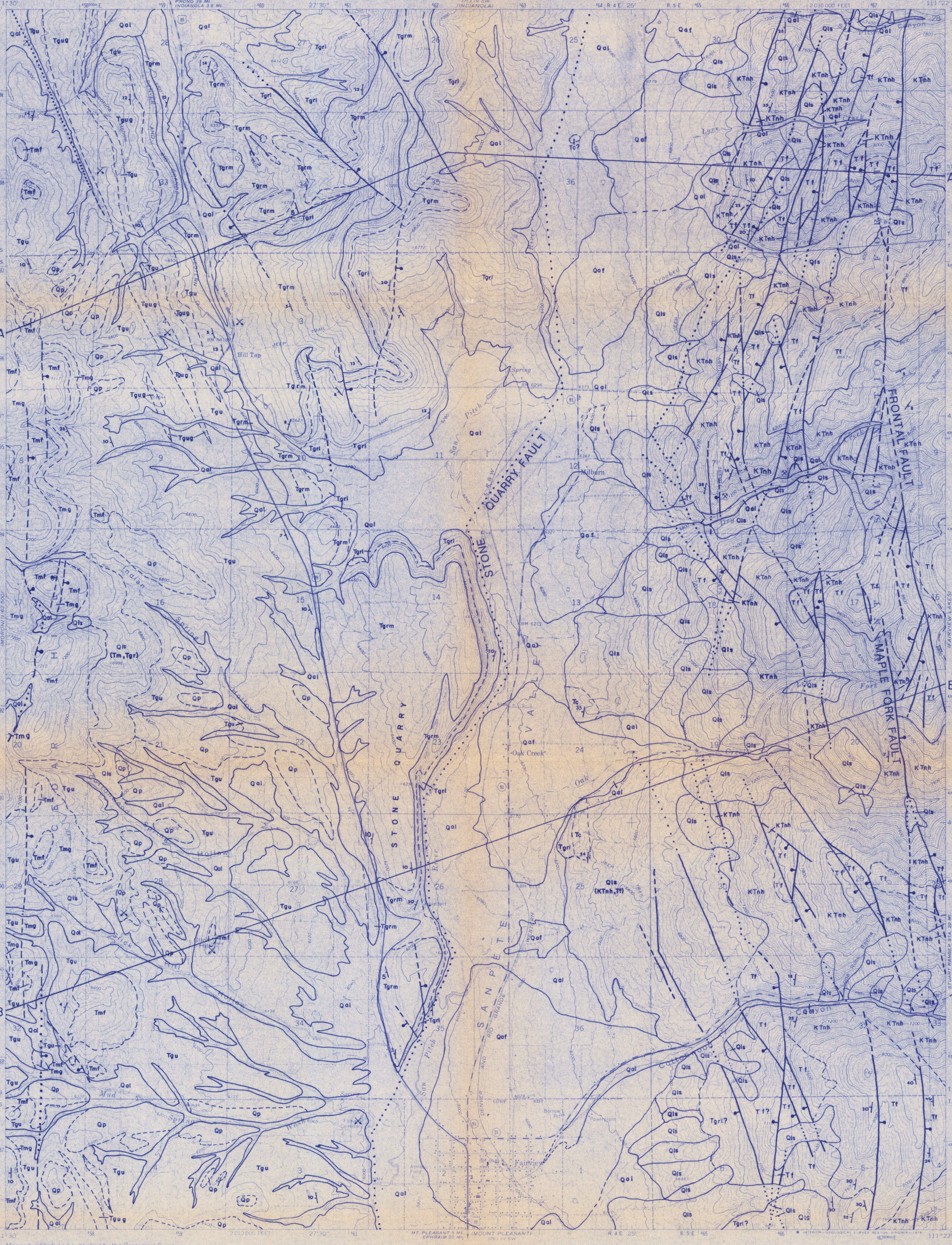
GEOLOGICAL SURVEY

FAIRVIEW QUADRANGLE
UTAH–SANPETE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1967

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines

There may be private inholdings within the boundries of the National or State reservations shown on this map

Map photoinspected 1975
No major culture or drainage changes observed

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

FAIRVIEW, UTAH
N3937.5—W11122.5/7.5

1967
PHOTOINSPECTED 1975
AMS 3763 III NW—SERIES V897

Plate 2

INTERIM GEOLOGIC MAP OF THE FAIRVIEW QUADRANGLE, SANPETE COUNTY, UTAH

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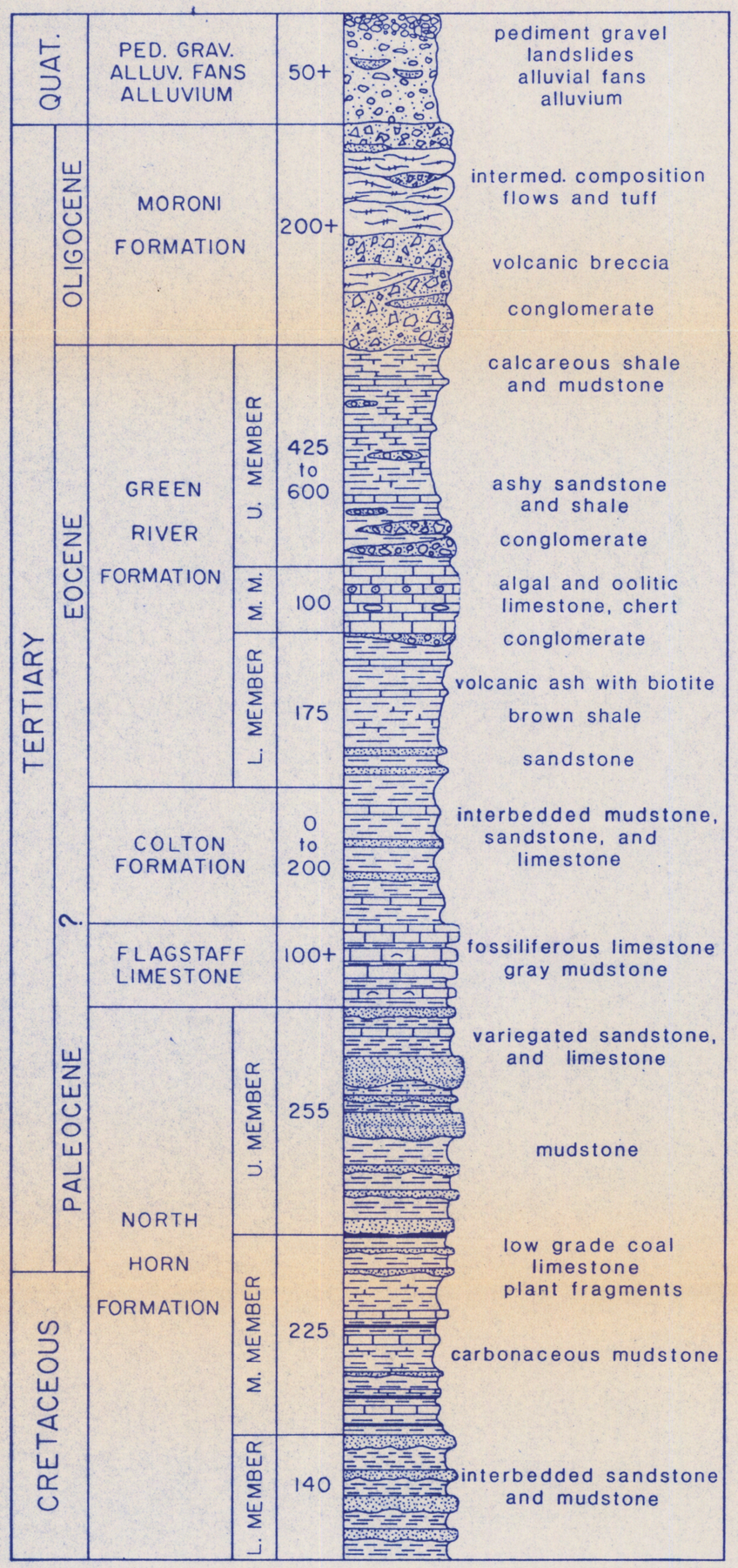
Reference: Jensen, N. R., 1988, Geology of the Fairview 7½′ quadrangle, Sanpete County, Utah: Brigham Young University Geology Studies, v. 35, p. 101-121.
Thesis Chairman: J. Keith Rigby.
Field work during 1985.



EXPLANATION

QUATERNARY

- Qp — PEDIMENT SURFACE, GRAVEL-COVERED
- Qls — LANDSLIDE DEPOSITS
- Qaf — ALLUVIAL FANS
- Qal — ALLUVIUM

TERTIARY

MORONI FM.

- Tmf — INTERMEDIATE VOLCANIC FLOWS AND BRECCIAS
- Tmg — GRAVEL AND SAND

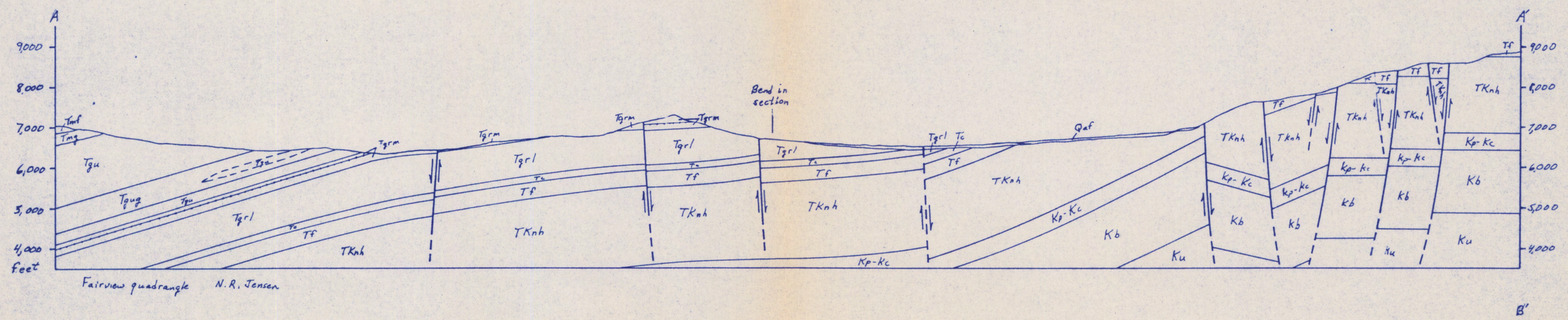
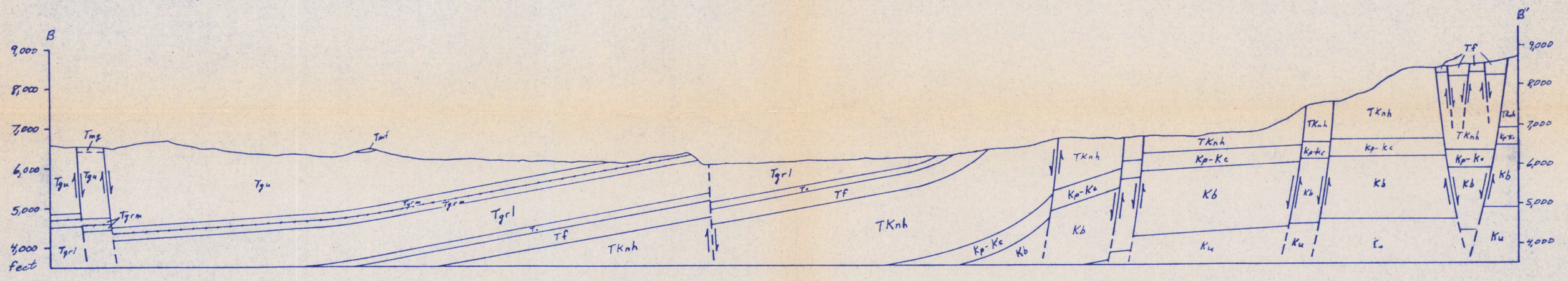
UNCONFORMITY

GREEN RIVER FORMATION

- Tgu, Tgug, Tgu — UPPER MEMBER WITH INTERBEDDED GRAVEL
- Tgrm — MIDDLE MEMBER WITH KEY BED
- Tgrl — LOWER MEMBER
- Tc — COLTON FORMATION
- Tf — FLAGSTAFF LIMESTONE

CRETACEOUS

- KTnh — NORTH HORN FORMATION

Subsurface units - cross section only

- Kp — Price River Formation
- Kc — Castlegate Sandstone
- Kb — Blackhawk Formation
- Ku — Undivided Cretaceous rocks