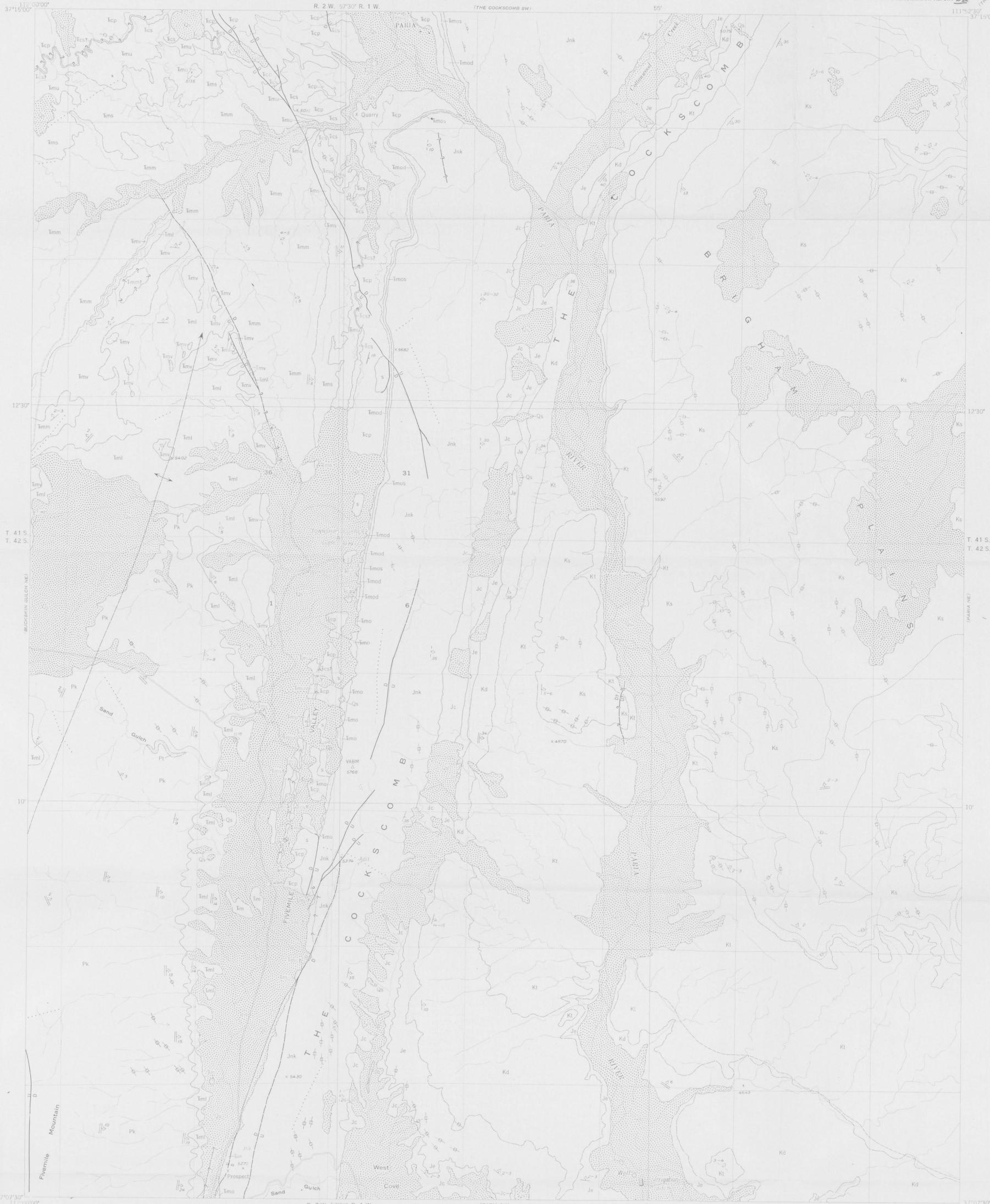


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EXPLANATION

- Surficial deposits
- Straight Cliffs sandstone
- Tropic shale
- Dakota sandstone
- Entrada sandstone
- Carmel formation
- Navajo sandstone and Kayenta formation, undifferentiated
- Moenave formation
Springdale sandstone member, Tmos; Dinosaur Canyon sandstone member, Tmod.
- Chinle formation
Petrified Forest member, Tcps; Shinarump member, Tcs.
- Moenkopi formation
Upper red member, Tmu; Shaabkab member, Tms; Middle red member, Tmv; Virga limestone member, Tml; Lower red member, Tml.
- Kaibab limestone
May include Timpanog member of the Moenkopi formation.
- Toroweap formation(?)
Slump blocks of Jurassic and Triassic rocks
- Contact
Dashed where approximately located; queried where existence uncertain.
- Fault
U, upthrown side; D, downthrown side. Dashed where approximately located. Queried where probable. Dotted where concealed.
- Anticline showing crest line and direction of plunge
Approximately located.
- Linear feature uninterpretable on photograph
May be geologically significant.
- Strike and dip of beds
Based on field measurement.
- Strike and dip of beds
Computed by photogrammetric methods.
- Approximate strike and dip of beds
Based on photointerpretation.
- Inferred strike and dip of beds
Based on photointerpretation of areas where bedding is obscure.
- Strike and dip of joints
Based on photointerpretation.
- Strike of approximately vertical joints
Based on photointerpretation.
- Primary road
- Secondary road
- Trail

QUATERNARY
CRETACEOUS
JURASSIC
JURASSIC AND JURASSIC (?)
TRIASSIC (?)
TRIASSIC
PERMIAN

PHOTOLOGIC MAP
OF THE
PARIA NW QUADRANGLE
KANE COUNTY, UTAH

By
Kathleen McQueen and R. G. Ray

Scale 1:24 000



1957



PARIA
15-MINUTE QUADRANGLE

Geologic and geographic data from Am. Assoc. Petroleum Geologists Bull., v. 39, p. 2515-2524, 1955; Geol. Soc. America Mem. 61, 1954; Geol. Soc. America Bull., v. 59, p. 221-248, 1948; Carnegie Inst. Washington Pub. 492, 1938; U.S. Geol. Survey Prof. Paper 164, 1931; and U.S. Geol. Survey prelim. topo. map, Paria NW quadrangle, Utah. This map has been compiled mainly from photogeologic data and has not been checked in the field. This preliminary report is distributed without editorial and technical review for conformity with official standards and nomenclature. It is not for public inspection or quotation.

Base map modified from U.S. Geological Survey preliminary topographic map, Paria NW quadrangle, Utah. Aerial photographs used for photogeologic interpretation taken in June 1948 and June 1953. Roads are classified as follows: Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable by four-wheel-drive vehicles and locally by two-wheel-drive vehicles; trails are not traversable by vehicles, except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.