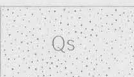




EXPLANATION



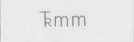
Surficial deposits



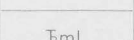
Shinarump member of the Chinle formation



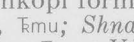
Tmu



Tms



Tmm

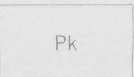


Tmv



Tml

Moenkopi formation
Upper red member, Tmu; Shnabkaib member, Tms;
Middle red member, Tmm; Virgin limestone member Tmv; Lower red member, Tml.



Kaibab limestone

May include Timpoveap member of the Moenkopi formation.

Contact

Can be located within 30 feet horizontally.

Contact

Can be located within 30 to 200 feet horizontally.

Contact

Cannot be located accurately; probable error greater than 200 feet horizontally.

Probable contact

Conspicuous bed within a formation

May be traceable only locally.

Fault

U, upthrown side; D, downthrown side. Dashed where approximately located. Questioned where probable. Dotted where concealed.

Linear feature uninterpretable on photograph
May be geologically significant.

Strike and dip of beds

Computed by photogrammetric methods.

Inferred strike and dip of beds

Based on photointerpretation of areas where bedding is obscure.

Strike of approximately vertical joints

Based on photointerpretation.

Primary road

Secondary road

Trail

Fence

Surveyed line

NOTE: The Timpoveap member of the Moenkopi formation is here mapped with the Kaibab limestone. Therefore, the Moenkopi-Kaibab contact does not join a like contact on Shinarump NW where the Timpoveap was mapped with the lower Moenkopi.

PHOTOGEOLOGIC MAP
OF THE
SHINARUMP NE QUADRANGLE
COCONINO COUNTY, ARIZONA

By
Kathleen McQueen

Scale 1:24 000

1 1/2 0 1 Mile

1957



SHINARUMP
15-MINUTE QUADRANGLE

Stratigraphic column for this area modified from Geol. Soc. America Mem. 61, 1954, and unpublished section by L. C. Craig and T. E. Mullen. Geographic and geologic field data from U.S. Geol. Survey Prof. Paper 220, 1950, and Arizona Transp. Map, Coconino County, 2, 1944.

This map has been compiled mainly from photogeologic data and has not been checked in the field.

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