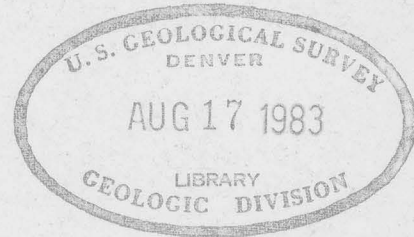


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no. 876



DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
U. S. ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, SHORT CREEK NW
ARIZONA-MOHAVE COUNTY
TRACE ELEMENTS MEMORANDUM REPORT #76

EXPLANATION

- Qs Surficial deposits
- Jn Navajo sandstone
- Jk Kayenta formation
May include the Lamb Point tongue of the Navajo sandstone
- Rmo Rmos Rmod Moenave formation, Rmo
Springdale sandstone member, Rmos;
Dinosaur Canyon sandstone member, Rmod
- Rcp Petrified Forest member of the Chinle formation
- Rs Shinarump conglomerate

- 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.
- Fault
Approximately located.
U, upthrown side; D, downthrown side
Questioned where probable.

- Strike and dip of beds
Computed by photogrammetric methods.
- Approximate strike and dip of beds
Based on photo interpretation.
- Inferred strike and dip of beds
Based on photo interpretation of areas where bedding is obscure.
- Strike of approximately vertical joints
Based on photo interpretation.
- Linear feature uninterpretable on photograph
May be geologically significant.

- State boundary
- Primary road
- Secondary road
- Trail
- Fence



Base map compiled by U. S. Geological Survey from vertical aerial photographs.
The aerial photographs used for photogeologic interpretation were taken in October 1959, May 1960, and 1963.
Roads are classified in this map series as follows:
Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable, possibly by two-wheel-drive vehicles; trails are not traversable by four-wheel-drive vehicles, except during wet weather. When other information is lacking, roads are classified by their appearance on aerial photographs.

SHORT CREEK NW
15-MINUTE QUADRANGLE

PHOTOGEOLOGY BY C. H. MARSHALL AND C. L. PILLMORE
SCALE 1:24,000
APRIL 1965

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.

Stratigraphic column for this area modified from U. S. Geol. Survey Prof. Paper 220, 1950 and Averitt, Paul, Dettmerman, J. S., Harshbarger, J. W., and Reppening, C. A., unpublished field data. Geographic and geologic field data from Prof. Paper 220.

This map has been compiled mainly from photogeologic data but has not been checked in the field; hence, it has not had the benefit of thorough evaluation with respect to maps compiled entirely from field data.