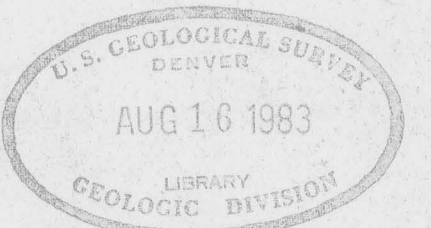


(200)
T67m
no 913



EXPLANATION

- Surficial deposits
- Navajo sandstone
- Kayenta formation
- Moenave formation
- Springdale sandstone member, Tmos; Dinosaur Canyon sandstone member, Tmod
- Petrified Forest member of the Chinle formation
- Shinarump conglomerate
- Moenkopi formation, Tmu; Upper red member, Tms; Shabkabib member, Tms; Middle red member, Tmm
- Kaibab limestone
- Torowapa formation
- Coconino sandstone
- Hermit shale
- Supai formation
- Slump blocks of Triassic(?) and Jurassic(?) rocks

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

Resistant bed within a formation
May be traceable only locally.

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

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 of approximately vertical joints
Based on photointerpretation.

Linear feature uninterpretable on photograph
May be geologically significant.

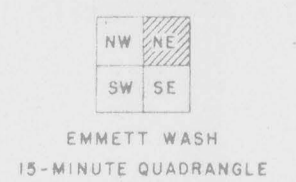
Reservation boundary

Primary road

Secondary road

Trail

Base map modified from U. S. Geological Survey preliminary topographic map, Emmett Wash NE quadrangle, Arizona. The aerial photographs used for photogeologic interpretation were taken in September and October, 1952.



PHOTOLOGEOLOGIC MAP
OF THE
EMMETT WASH NE QUADRANGLE
COCONINO COUNTY, ARIZONA

By
J. S. Dettelman
scale 1:24,000

January 1956

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 Geol. Soc. America Mem. 61, 1954; Carnegie Inst. Washington Pub. 492, 1938; U. S. Geol. Survey Prof. Paper 124, 1931; and unpublished field data of J. W. Horsbarger, C. A. Reppening, and J. H. Irwin. Geographic and geologic field data from U. S. Geol. Survey preliminary topographic map, Emmett Wash NE quadrangle, Ariz., and U. S. Forest Service map, Kaibab National Forest, Ariz., 1949.

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