

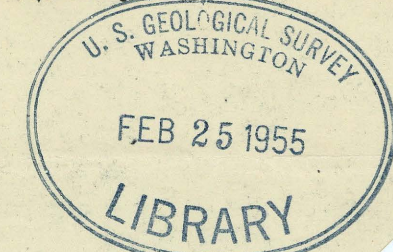


(200)
T-67-1-1
40-590
EXPLANATION

Jn	Navajo sandstone	JURASSIC (?)
Jk	Kayenta formation	
Jw	Wingate sandstone	
Rcu	Chinle formation Upper unit, Rcu; lower unit, Rcl	TRIASSIC
Rs	Shinarump conglomerate	
Rmu	Moenkopi formation Upper unit, Rmu	
Pkc	Kaibab limestone and Coconino sandstone, undifferentiated	PERMIAN

- Contact ---
(Can be accurately located
within 30 feet horizontally)
- Contact ---
(Can be approximately located
within 30 to 200 feet horizontally)
- Contact ---
(Cannot be located accurately;
probable error greater than 200 feet)
- Probable or doubtful contact ---
- Probable fault ---
(U, upthrown side; D, downthrown side)
- Strike and dip of beds ---
(Based on photo-interpretation)
- Dip component ---
- Conspicuous resistant bed within
a formation ---
(May be traceable only locally)
- Strike of approximately vertical
joints ---
(Based on photo-interpretation)

Note: The Chinle formation is divided into two units. The upper, an even-toned "shaly" unit, is divided from the lower "mottled" unit by a break in slope and tone. Southeast of this quadrangle three units of the Moenkopi are recognizable on aerial photographs, the relationship of these units to those mapped in the field is not certain, however, only the dark-colored "shaly" upper unit can be recognized in the southern half of this quadrangle.



Utah (Circle Cliffs 7 quad.)
Geol. 1:24,000. 1953.
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R290
no. 53-85
c. 1

Planimetric base map compiled by the Special Maps
Branch of the U. S. Geological Survey.

This map is preliminary and has not
been edited or reviewed for conformity
with U. S. Geological Survey standards
and nomenclature.

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

CIRCLE CLIFFS
QUADRANGLE

PHOTOGEOLOGIC MAP
CIRCLE CLIFFS-7
GARFIELD COUNTY, UTAH
PHOTOGEOLOGY BY R. J. HACKMAN
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

Stratigraphic column modified from U. S. Geol. Survey
Oil and Gas Inv., Map OM 131, 1952; U. S. Geol. Survey
Prof. Paper 164, 1931, and Am. Assoc. Petroleum Geol.
ogists Bull., vol. 6, No. 3, May-June, 1922.