

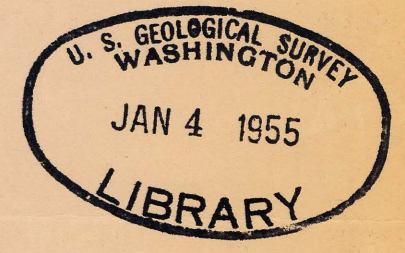


EXPLANATION

- Alluvium
- Undifferentiated sand, residual mantle and slope wash
- Chinle formation
- Shinarump conglomerate(?)
- Moenkopi formation
- Cutler formation
- White Rim sandstone member, Pcor
- Organ Rock tongue (may include the Hoskinnini tongue), Pcor; Cedar Mesa sandstone member, Pcc
- Rico formation
- Hermosa 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
Dashed where 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
- County boundary

Note: This map does not join Orange Cliffs 15 to the north because of the use of a more reliable base map than was available when the adjoining map was compiled.



Base map from U.S. Geological Survey topographic map, White Canyon, 1:25,000, quadrangle, Utah (unpublished).
The aerial photographs used for photogeologic interpretation were taken in May, 1948 and November, 1950.

4	3	1
5	6	8
12	11	10
13	14	15

WHITE CANYON QUADRANGLE

PHOTOGEOLOGY BY J.C. REED, JR.
SCALE 1:24,000
JULY 1954

Stratigraphic column for this area modified from U.S. Geol. Survey Bull. 951-1946 and U.S. Geol. Survey Prof. Paper 186, 1926, geographic and geologic field data also from Bull. 961 and Prof. Paper 186.
Maps of this series have been compiled mainly from photogeologic data but have not been checked in the field hence they have not had the benefit of thorough evaluation with respect to maps compiled entirely from field data.

Utah (White Canyon 2 quad.) Geol. 1:24,000, 1954
cop. 1.

M(200)
R290
no. 55-148
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