



EXPLANATION

- Jn Navajo sandstone
 - Jk Kayenta formation
 - Jw Wingate sandstone
 - Rc Chinle formation
 - Rs Shinarump conglomerate
 - Rm Moenkopi formation
 - Pcw White Rim sandstone member
 - Pcor Organ Rock tongue
- JURASSIC (?)
TRIASSIC
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
- Fault
(Dashed where approximately located; U, upthrown side; D, downthrown side)
- Probable or doubtful fault
- Uninterpretable linear feature on photograph
(May be geologically significant)
- Strike and dip of beds
(Based on photo-interpretation)
- Horizontal beds
- Strike of approximately vertical joint system
(Based on photo-interpretation)

Note: Planimetry on this map compiled by radial tautlet methods. Horizontal control based on U. S. Geol. Survey Bull. 951, Pl. I.

Planimetric base map compiled by U. S. Geological Survey from vertical aerial photographs.

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

ORANGE CLIFFS QUADRANGLE

PHOTO GEOLOGIC MAP
ORANGE CLIFFS-14
GARFIELD COUNTY, UTAH

PHOTO GEOLOGY BY R. G. RAY
PHOTO GEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

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Stratigraphic column for this area taken from U. S. Geol. Survey Bull. 951.