



EXPLANATION

- Covering deposits, undifferentiated (largely boulders, wash, and wind-blown sand)
- Upper**
- Entrada sandstone
- Middle and Upper**
- Carmal formation
- Navajo sandstone
- Contact**
- Can be accurately located within 30 feet horizontally
- Can be approximately located within 30 to 200 feet horizontally
- Cannot be located accurately; probable error greater than 200 feet
- Probable or doubtful contact
- Fault**
- U, upthrown side; D, downthrown side. Dashed where approximately located
- Probable or doubtful fault
- Anticline**
- Showing trace of axial plane and direction of plunge. Approximately located
- 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
- Uninterpretable linear feature on photograph. May be geologically significant
- Dry hole
- County boundary
- Secondary road
- Trail

Note: 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.

PLANIMETRIC BASE MAP COMPILED BY U. S. GEOLOGICAL SURVEY FROM VERTICAL AERIAL PHOTOGRAPHS BY RADIAL-TEMPLET METHODS.

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

ORANGE CLIFFS QUADRANGLE

PHOTOGEOLOGIC MAP
ORANGE CLIFFS-4
WAYNE COUNTY, UTAH
PHOTOGEOLOGY BY W. H. CONDON
SCALE 1:24,000
SEPTEMBER 1963

Roads as classified in this map series are 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 locally. When other information is lacking, roads are classified by their appearance on aerial photographs.

Stratigraphic column for this area modified from U. S. Geol. Survey Bull. 982, 1946. Geographic and geologic field data from U. S. Geol. Survey Bull. 601, 1948.

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