



EXPLANATION

- Covering deposits, undifferentiated (Largely wind-blown sand)
- JURASSIC**
- Upper**
- Entrada sandstone
- Middle and Upper**
- Carmel formation
- Navajo sandstone
- JURASSIC (?)**
- Kayenta formation
- QUATERNARY**
- 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)
- Fault**
(U, upthrown side; D, downthrown side. Dashed where approximately located)
- Probable fault**
- Anticline**
Showing trace of axial plane and direction of plunge
(Approximately located; questioned where inferred)
- Syncline**
Showing trace of axial plane and direction of plunge
(Approximately located; questioned where inferred)
- Strike and dip of beds**
(Based on field measurement)
- Strike and dip of beds**
(Based on photo-interpretation)
- Dip component**
- Strike of approximately vertical joints**
(Based on photo-interpretation)
- Dry hole**
- Spring**
- Secondary road**
- Trail**
- County boundary**

Note: Horseshoe Canyon is also known as Barrier Creek Canyon.

Panoramic base map compiled from vertical aerial photographs by U. S. Geological Survey by radial-templet methods.

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

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

ORANGE CLIFFS QUADRANGLE

PHOTOGEOLOGIC MAP
ORANGE CLIFFS - 2
WAYNE COUNTY, UTAH

PHOTO GEOLOGY BY P. P. ORKILD
PHOTO GEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000
MARCH 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 generally 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 modified from U. S. Geol. Survey Bull. 951, 1946.