

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY
COLORADO PLATEAU AREA, UNITED STATES

TRACE ELEMENTS MEMORANDUM REPORT 985



EXPLANATION

- Qc
Covering deposits
(Largely wind-blown sand)
- Je
Entrada formation
- Jc
Carmel formation
- Jn
Navajo sandstone
- Jk
Kayenta formation
- Jw
Wingate sandstone
- 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, showing direction of dip
(U, upthrown side; D, downthrown side
Dashed where approximately located)
- Strike and dip of beds
(Based on photo-interpretation)
- Horizontal beds
- Strike of approximately vertical
joints
(Based on photo-interpretation)
- Trail

Planimetric base map compiled from vertical aerial
photographs by U. S. Geological Survey by radial-
tangent method. Horizontal control based on U. S.
Geol. Survey Bull. 95, pl. 1.

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

ORANGE CLIFFS
QUADRANGLE

PHOTOGEOLOGIC MAP
ORANGE CLIFFS -5
WAYNE COUNTY, UTAH
PHOTOGEOLOGY BY V. M. HOSLEY
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000
DECEMBER 1962

Stratigraphic column for this area modified from
U. S. Geol. Survey Bull. 951, 1946.