



EXPLANATION

SEDIMENTARY ROCKS

- Qal Alluvium and wind-blown sand
- Jn Navajo sandstone
- Jk Kayenta formation
- Jw Wingate sandstone
- Tc Chinle formation
- Rs Shinarump conglomerate
- Tm Moenkopi formation
- Pcd DeChelly sandstone member, Pcd, Organ Rock tongue, Pcor, Cedar Mesa sandstone member, Pcc, Hartsog tongue, Pcha
- Pcor
- Pcc
- Pcha
- Pr Rico formation
- Ti Dikes

Upper
Lower

PERMIAN

TRIASSIC

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

Anticline
Showing trace of axial plane and direction of plunge

Syncline
Showing trace of axial plane

Strike and dip of beds
(Based on photo-interpretation)

Strike of approximately vertical joint system
(Based on photo-interpretation)

Horizontal beds

Secondary road

Trail

Photogeologic base map compiled by U. S. Geological Survey from photomosaics prepared by Fairchild Aerial Surveys and from other aerial photographs.

MAY 1952

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

BLUFF QUADRANGLE

PHOTO GEOLOGIC MAP
BLUFF-14
NAVAJO INDIAN RESERVATION
SAN JUAN COUNTY, UTAH
PHOTO GEOLOGY BY R G RAY
PHOTO GEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

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

Bluff 14
52-121