



EXPLANATION

Jn	Navajo sandstone	JURASSIC (?)
Jk	Kayenta formation	
Jw	Wingate sandstone	
Rc	Chinle formation	
Rs	Shinarump conglomerate	TRIASSIC
Rm	Moenkopi formation	
Pch	Cutler formation: Hoskinnini tongue, Pch	PERMIAN
Pcd	DeChelly sandstone member, Pcd	
Pcor	Organ Rock tongue, Pcor	
Pcc	Cedar Mesa sandstone member, Pcc	

- 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)
- Probable or doubtful fault
- Anticline
Showing trace of axial plane and direction of plunge
(Dashed where approximately located)
- Syncline
Showing trace of axial plane and direction of plunge
(Dashed where approximately located)
- Strike and dip of beds
(Based on field measurement)
- Strike and dip of beds
(Based on photo-interpretation)
- Dip component
- Secondary road
- Trail

Planimetric base map compiled by U.S. Geological Survey from photo-mosaics prepared by Fairchild Aerial Surveys and from other aerial photographs.

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

NAVAJO MOUNTAIN QUADRANGLE



PHOTOGEOLOGIC MAP
NAVAJO MOUNTAIN-9
NAVAJO INDIAN RESERVATION
SAN JUAN COUNTY, UTAH
PHOTOGEOLOGY BY W. A. FISCHER AND W. H. CONDON
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

Stratigraphic column for this area modified from U. S. Geological Survey Bulletin 865.