



EXPLANATION

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

- 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**
- High-angle fault**  
(U, upthrown side; D, downthrown side)
- 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 photomosaics prepared by Fairchild Aerial Surveys and from other aerial photographs.

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

NAVAJO MOUNTAIN QUADRANGLE

PHOTOGEOLOGIC MAP  
NAVAJO MOUNTAIN-16  
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 835.