



EXPLANATION

Qal	Quaternary
Alluvium and loose sand	
Jn	Jurassic (?)
Naijajo sandstone	
Jk	
Kayenta formation	
Jw	
Wingate sandstone	
Rc	Triassic
Chinle formation	
Rs	
Shinarump conglomerate	
Rm	
Moenkopi formation	
Pch	Permian
Pcd	
Pcor	
Pcc	
Cutler formation	
Hoskinnini tongue, Pch;	
DeChelly sandstone member, Pcd;	
Organ Rock tongue, Pcor;	
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 fault

High-angle fault

(U, upthrown side; D, downthrown side)

Anticline

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)

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

Secondary road

Trail

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

CLAY HILLS
QUADRANGLE

PHOTOGEOLOGIC MAP
CLAY HILLS-12
PIUTE INDIAN RESERVATION
SAN JUAN COUNTY, UTAH
PHOTOGEOLOGY BY WA FISCHER
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

Stratigraphic column modified from
U. S. Geol. Survey Bull. 865.