



EXPLANATION

- | | | |
|-----------------|------------------------|---------------------|
| Middle
Upper | Qal | JURASSIC QUATERNARY |
| | Alluvium | |
| | Jc | |
| | Carmel formation(?) | |
| Lower | Jn | JURASSIC (?) |
| | Jk | |
| | Jw | |
| Upper | Rc | TRIASSIC |
| | Chinle formation | |
| | Fs | |
| | Shinarump conglomerate | |
| Lower | Fm | PERMIAN |
| | Moenkopi formation | |
| | Pch
Pca
Pcra | |
- Cutler formation
Hoskinnini tongue, Pch.
DeChelly sandstone member, Pcd.

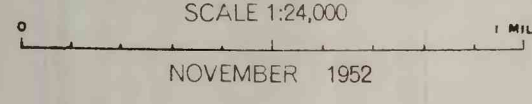
- Contact**
(Can be accurately located within 30 feet horizontally)
- Contact**
(Can be approximately located within 30 to 200 feet horizontally)
- Contact**
(Cannot be located accurately; probable error greater than 200 feet)
- Probable or doubtful fault**
- Syncline**
Showing trace of axial plane (approximately located)
- Strike and dip of beds**
(Based on field measurement)
- Strike and dip of beds**
(Based on photo-interpretation)
- Horizontal beds**
- Dip component**
- Strike of approximately vertical joints**
(Based on photo-interpretation)
- Primary road**
- Secondary road**
- Trail**
- Fence**

Planimetric base map compiled by U. S. Geological Survey from photomosaics 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



PHOTOGEOLOGIC MAP
AGATHLA PEAK-6
NAVAJO INDIAN RESERVATION
NAVAJO COUNTY, ARIZONA
PHOTOGEOLOGY BY W. H. ECKSTEIN
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000



NOVEMBER 1952

Stratigraphic column for this area modified from U. S. Geol. Survey unpublished map.

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

AGATHLA PEAK QUADRANGLE