



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

**EXPLANATION**

- SEDIMENTARY ROCKS**
- Qal Alluvium
  - Rc Chinle formation
  - Rs Shinarump conglomerate
  - Rm Moenkopi formation
  - Pch Cutler formation
  - Pcd Hoskinnini tongue, Pch, DeChelly sandstone member, Pca, Organ Rock tongue, Pcor
- IGNEOUS ROCKS**
- Ti Plugs and dikes

- 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)
- Strike and dip of beds**  
(Based on field measurement)
- Strike and dip of beds**  
(Based on photo-interpretation)
- Dip component**
- Horizontal beds**
- Strike of approximately vertical joint system**  
(Based on photo-interpretation)
- Mine or quarry**
- Primary road**
- Secondary road**
- Trail**
- Fence**
- State boundary**

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

AGATHLA PEAK QUADRANGLE

**PHOTOGEOLOGIC MAP**  
**AGATHLA PEAK - 2**  
NAVAJO INDIAN RESERVATION  
NAVAJO COUNTY, ARIZONA  
PHOTOGEOLOGY BY WENONAH HECKSTEIN  
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH  
SCALE 1:24,000

Stratigraphic column modified from U. S. Geol. Survey unpublished report.

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