

Map is preliminary and should not be used for construction of Survey standards and nomenclature.



EXPLANATION

SEDIMENTARY ROCKS

- Qal Alluvium and wind-blown sand
- Jmb Bluff sandstone member of the Morrison formation (May in part be overlain by Salt Wash sandstone member)
- Jsr San Rafael group undifferentiated
- Jn Navajo sandstone
- Jk Kayenta formation
- Jw Wingate sandstone
- Rc Chinle formation (Present in this area but covered by alluvium and wind-blown sand)
- Rs Shinarump conglomerate
- Tm Moenkopi formation
- Pcd DeChelly sandstone member of the Cutler formation

QUATERNARY  
JURASSIC  
JURASSIC (?)  
TRIASSIC  
PERMIAN

- Contact (Can be accurately located within 30 feet horizontally)
- Contact (Cannot be located accurately; probable error greater than 200 feet)
- Strike and dip of beds (Based on photo-interpretation)
- Strike of approximately vertical joint system (Based on photo-interpretation)
- Primary road
- Secondary road
- Trail

Note: In this area the Wingate sandstone formation is composed of an upper allian facies and a lower thin-bedded sandstone-siltstone facies. Although these two units can be differentiated on aerial photo graphs, they are mapped here as a single formation.

Photogeologic map compiled from U. S. Geological Survey maps and reports. The map is based on aerial photographs and field observations. It is a preliminary map and should not be used for construction of Survey standards and nomenclature.

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

SETSILTZO SPRINGS QUADRANGLE

PHOTOGEOLOGIC MAP  
SETSILTZO SPRINGS-5  
NAVAJO INDIAN RESERVATION  
APACHE COUNTY, ARIZONA  
PHOTOGEOLOGY BY R. G. RAY  
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH  
SCALE 1:24,000

Stratigraphic column for this area modified from U. S. Geol. Survey Bull. 865 and U. S. Geol. Survey unpublished maps.