

EXPLANATION

	QUATERNARY
	MIDDLE AND UPPER JURASSIC
	LOWER JURASSIC
	JURASSIC (?)
	UPPER TRIASSIC
	LOWER TRIASSIC

Contact
Can be located within 30 feet horizontally.

Contact
Can be located within 30 to 200 feet horizontally.

Contact
Cannot be located accurately; probable error greater than 200 feet horizontally.

Probable contact

Fault
Dashed where approximately located. U, upthrown side; D, downthrown side.

Anticline
Showing crest line
Dashed where approximately located.

Syncline
Showing trough line
Dashed where approximately located.

Strike of approximately vertical joints
Based on photointerpretation.

Structure contours
Dashed where approximately located.

Linear feature uninterpretable on photograph
May be geologically significant.

Irrigation ditch

Secondary road

Trail

National Forest boundary
Approximate location.

In this map area two units of the Chinle formation are recognizable on aerial photographs, a break in slope and/or change in photograph tone separates the upper from the lower unit.

Structure contours are drawn on the top of the Wingate sandstone. All altitudes were determined by photogrammetric methods. Datum is approximate sea level. Contour interval 100 feet.

Roads as classified in this map series are as follows: Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable possibly by two-wheel-drive vehicles; trails are not traversable by four-wheel-drive vehicles except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.

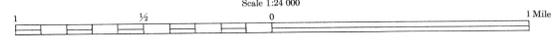
Stratigraphic column for this area modified from U. S. Geol. Survey Oil and Gas Inv. Map OM 131, 1952; U. S. Geol. Survey Prof. Paper 164, 1931; Am. Assoc. Petroleum Geologists Bull., v. 6, 1922, and personal communication with R. Luedke.

This map has been compiled mainly from photogeologic data but has not been checked in the field; hence it has not had the benefit of thorough evaluation with respect to maps compiled entirely from field data.

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

NOTOM QUADRANGLE

PHOTOGEOLOGIC MAP
OF THE
NOTOM-15 QUADRANGLE
GARFIELD COUNTY, UTAH
By
R. J. Hackman and G. E. Tolbert
Scale 1:24,000



The topography of the area included in this map is shown on the Notom 4 SW quadrangle (scale 1:24,000).