

EXPLANATION

- Alluvium
- Kayenta formation
- Wingate sandstone
- Chinle formation  
Upper part, Rcu;  
sandstone unit of lower part, Rcls;  
lower part, Rcl
- Shinarump conglomerate
- Moenkopi formation
- Cutler formation  
Organ Rock tongue, Pcor;  
Cedar Mesa sandstone member, Pcc
- Rico formation
- Hermosa formation

- Contact  
Can be located  
within 30 to 200 feet horizontally.
- Contact  
Cannot be located accurately; probable  
error greater than 200 feet horizontally.
- Probable contact
- Probable fault  
U, upthrown side; D, downthrown side.
- Anticline  
Showing crest line  
and direction of plunge  
Approximately located.
- Strike and dip of beds  
Computed by photogrammetric methods.
- Approximate strike and dip of beds  
Based on photointerpretation.
- Inferred strike and dip of beds  
Based on photointerpretation of  
areas where bedding is obscure.
- Strike of approximately vertical joints  
Based on photointerpretation.
- Linear feature uninterpretable on photograph  
May be geologically significant.
- Secondary road
- Trail
- Fence
- BM 3456  
Benchmark

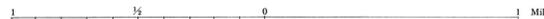
Note: Additional lenses of Shinarump conglomerate, although not recognizable on aerial photographs, may be present along the Moenkopi-Chinle contact in this area.

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

ELK RIDGE QUADRANGLE

PHOTOGEOLOGIC MAP  
OF THE  
ELK RIDGE-6 QUADRANGLE  
SAN JUAN COUNTY, UTAH  
By  
J. S. Detterman and J. C. Reed, Jr.

Scale 1:24,000



1955

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 Prof. Paper 188, 1939, Geographic and geologic field data from Prof. Paper 188, U.S. Forest Service map, Manti-La Sal National Forest, 1952; and U. S. Geol. Survey topographic map, Elk Ridge quadrangle, Utah, 1940.

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.

Base map compiled by U. S. Geological Survey from vertical aerial photographs. The aerial photographs used for photogeologic interpretation were taken in October and November 1952, and May and June 1953.