

DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

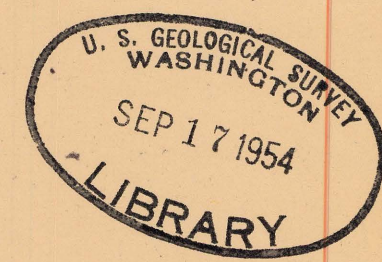
PREPARED IN COOPERATION WITH THE  
ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, CARLISLE-14  
UTAH-SAN JUAN COUNTY  
TRACE ELEMENTS MEMORANDUM REPORT 752



EXPLANATION

- |  |               |
|--|---------------|
|  | QUATERNARY    |
|  | PERMIAN       |
|  |               |
|  | PERMIAN(?)    |
|  | PENNSYLVANIAN |
- 
- |  |  |
|--|--|
|  | Contact  |
|  | Can be approximately located within 30 to 200 feet horizontally    |
|  | Contact  |
|  | Cannot be located accurately; probable error greater than 200 feet |
|  | Fault  |
|  | Dashed where approximately located                                 |
|  | U, upthrown side; D, downthrown side.                              |
|  | Questioned where doubtful  |
|  | Strike and dip of beds   |
|  | Based on field measurement   |
|  | Inferred strike and dip of beds                                    |
|  | Based on photo-interpretation of area where bedding is obscure     |
|  | Strike of approximately vertical joints                            |
|  | Based on photo-interpretation                                      |
|  | Secondary road   |
|  | Trail  |

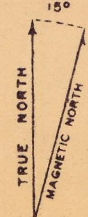


Base map compiled from vertical aerial photographs by Special  
Mans Branch, U.S. Geological Survey. Planimetry and geology  
transferred by stereo-plotting methods.  
The aerial photographs used for photogeologic interpretation were  
taken in November 1952.

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

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

CARLISLE  
QUADRANGLE



PHOTOGEOLOGY BY R. J. HACKMAN  
SCALE 1:24,000  
APRIL 1954

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 Bull. 841, 1933. Geographic and geologic field data  
from U.S. Geol. Survey Bull. 841, 1933, and Utah Geol. and  
Miner. Survey, The Oil and Gas Possibilities of Utah, p. 5,  
1949.

Maps of this series have been compiled mainly from photo-  
geologic data but have not been checked in the field, hence  
they have not had the benefit of thorough evaluation with  
respect to maps compiled entirely from field data.

Utah (Carlisle 14 quad.)  
cop. 1.



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