



**EXPLANATION**

- Alluvium, Qal; covering deposit, Qc
- Cutler formation  
Organ Rock tongue, Pcor;  
Cedar Mesa sandstone member, Pcc
- Rico formation

**Contact**  
Can be located  
within 30 to 200 feet horizontally

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

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

**Concealed fault**

**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 by U.S. Geological Survey  
from vertical aerial photographs.  
The aerial photographs used for photogeologic interpretation were  
taken in November 1952.

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

CARLISLE  
QUADRANGLE



**PHOTOGEOLOGIC MAP**  
OF THE  
**CARLISLE-14 QUADRANGLE**  
SAN JUAN COUNTY, UTAH  
By  
**R. J. Hackman**

Scale 1:24000  
Mile

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.

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.