



EXPLANATION

Middle and Upper	Oal	JURASSIC (?) QUATERNARY
	Jc	
	Jn	
<p>--- Contact (Can be approximately located within 30 to 200 feet horizontally)</p> <p>--- Contact (Cannot be located accurately; probable error greater than 200 feet)</p> <p>↗ Anticline Showing trace of axial plane and direction of plunge (Approximately located; questioned where inferred)</p> <p>↘ Syncline Showing trace of axial plane and direction of plunge (Approximately located; questioned where inferred)</p> <p>↘/↗ Approximate strike and dip of beds (Based on photo-interpretation)</p> <p>↘/↗ Inferred strike and dip of beds (Based on photo-interpretation of areas where bedding is obscure)</p> <p>↘ Dip component</p> <p>↘ Strike of approximately vertical joints (Based on photo-interpretation)</p> <p>--- Irrigation ditch</p> <p>--- National forest boundary (Approximate location)</p> <p>== Primary road --- Secondary road</p> <p>--- Trail --- Fence</p>		

Note: In the northern area of this map the Entrada sandstone may be present locally above the Carmel formation but cannot be distinguished because of the heavy timber growth.

Maps of this series have been compiled mainly from photogeologic 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.

PLANIMETRIC BASE MAP COMPILED BY U. S. GEOLOGICAL SURVEY FROM VERTICAL AERIAL PHOTOGRAPHS.

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

CIRCLE CLIFFS QUADRANGLE

**PHOTOGEOLOGIC MAP
CIRCLE CLIFFS-4
GARFIELD COUNTY, UTAH**
PHOTOGEOLOGY BY J. M. SCOTT
SCALE 1:24,000
AUGUST 1953

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 modified from U. S. Geol. Survey Prof. Paper 164, 1931. Geographic and geologic field data from U. S. Dept. Agr., Forest Service Map, Dixie National Forest, 1950, and U. S. Geol. Survey Prof. Paper 164, 1931.

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

129

