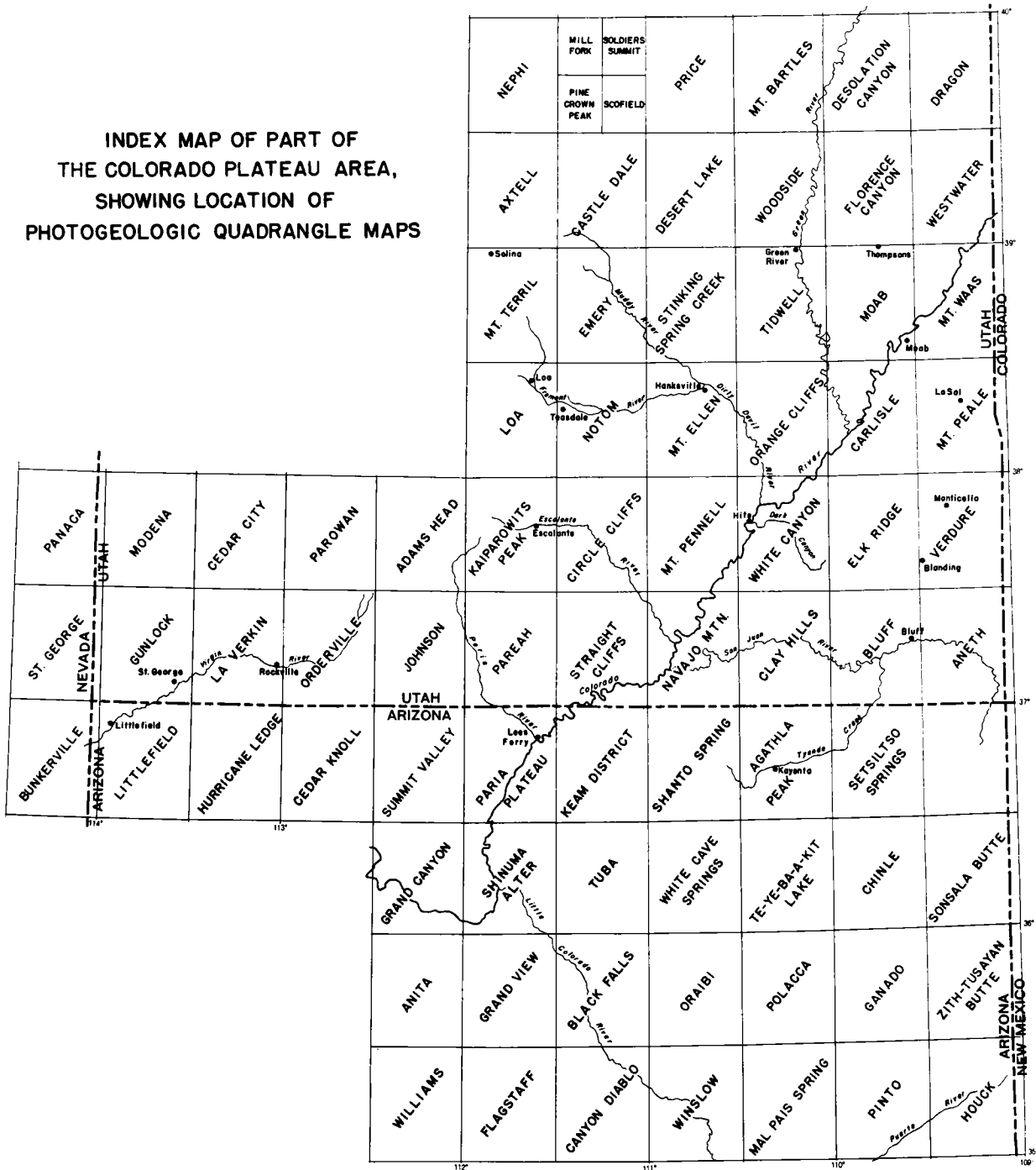


GEOLOGY AND MINERALOGY

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INDEX MAP OF PART OF
THE COLORADO PLATEAU AREA,
SHOWING LOCATION OF
PHOTOGEOLOGIC QUADRANGLE MAPS





EXPLANATION

- Alluvium, Qal;
undifferentiated covering deposits, Qc
- Cedar Mesa sandstone member
of the Cutler formation
- 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
- Resistant bed
within a formation
May be traceable only locally
- Fault
Dashed where approximately located
U, upthrown side; D, downthrown side
- Strike and dip of beds
Computed by photogrammetric methods
- Approximate strike and dip of beds
Based on photo-interpretation
- Strike of approximately vertical joints
Based on photo-interpretation
- County boundary

Note: This map does not join Orange Cliffs 16 to the north because of the use of a more reliable base map than was available when the adjoining map was compiled.

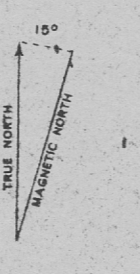
QUATERNARY
PERMIAN
PENNSYLVANIAN PERMIAN(?)
PENNSYLVANIAN

Base map from U.S. Geological Survey preliminary topographic map White Canyon 1, N.W. Utah. The aerial photographs used for photogeologic interpretation were taken in May 1949 and 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
5	6	7
12	11	10
13	14	15

WHITE CANYON QUADRANGLE



PHOTOGEOLOGY BY J. C. REED
SCALE 1:24,000
JUNE 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. 961 and U.S. Geol. Survey Prof. Paper 198, 1958; geologic field data also from Bull. 961 and Prof. Paper 198.

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.