

EXPLANATION

- Qc Covering deposits, undifferentiated
  - Jn Navajo sandstone
  - Jk Kayenta formation
  - Jw Wingate sandstone
  - Rc Chinle formation
  - Rs Shinarump conglomerate
  - Rm Moenkopi formation
- QUATERNARY  
JURASSIC (?)  
TRIASSIC

Contact  
(Can be accurately located within 30 feet horizontally)

Contact  
(Can be approximately located within 30 to 200 feet horizontally)

Contact  
(Cannot be located accurately; probable error greater than 200 feet)

Probable or doubtful contact

Anticline  
Showing trace of axial plane and direction of plunge

Strike and dip of beds  
(Based on field measurement)

Strike and dip of beds  
(Based on photo-interpretation)

Conspicuous resistant bed within a formation  
(May be traceable only locally)

Strike of approximately vertical joints  
(Based on photo-interpretation)

Uninterpretable linear feature on photograph  
(May be geologically significant)

Oil well

Primary road

Secondary road

Trail

County boundary

Vertical-angle benchmark

Base map compiled from U. S. Geological Survey Topographic map, Moab 3 SE, (unpublished).

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

MOAB QUADRANGLE

PHOTOGEOLOGIC MAP

MOAB - 14

GRAND COUNTY, UTAH

PHOTOGEOLOGY BY V. M. HOSLEY  
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH  
SCALE 1:24,000  
JANUARY 1953

Stratigraphic column modified from U. S. Geol. Survey Bull. 908, 1940.



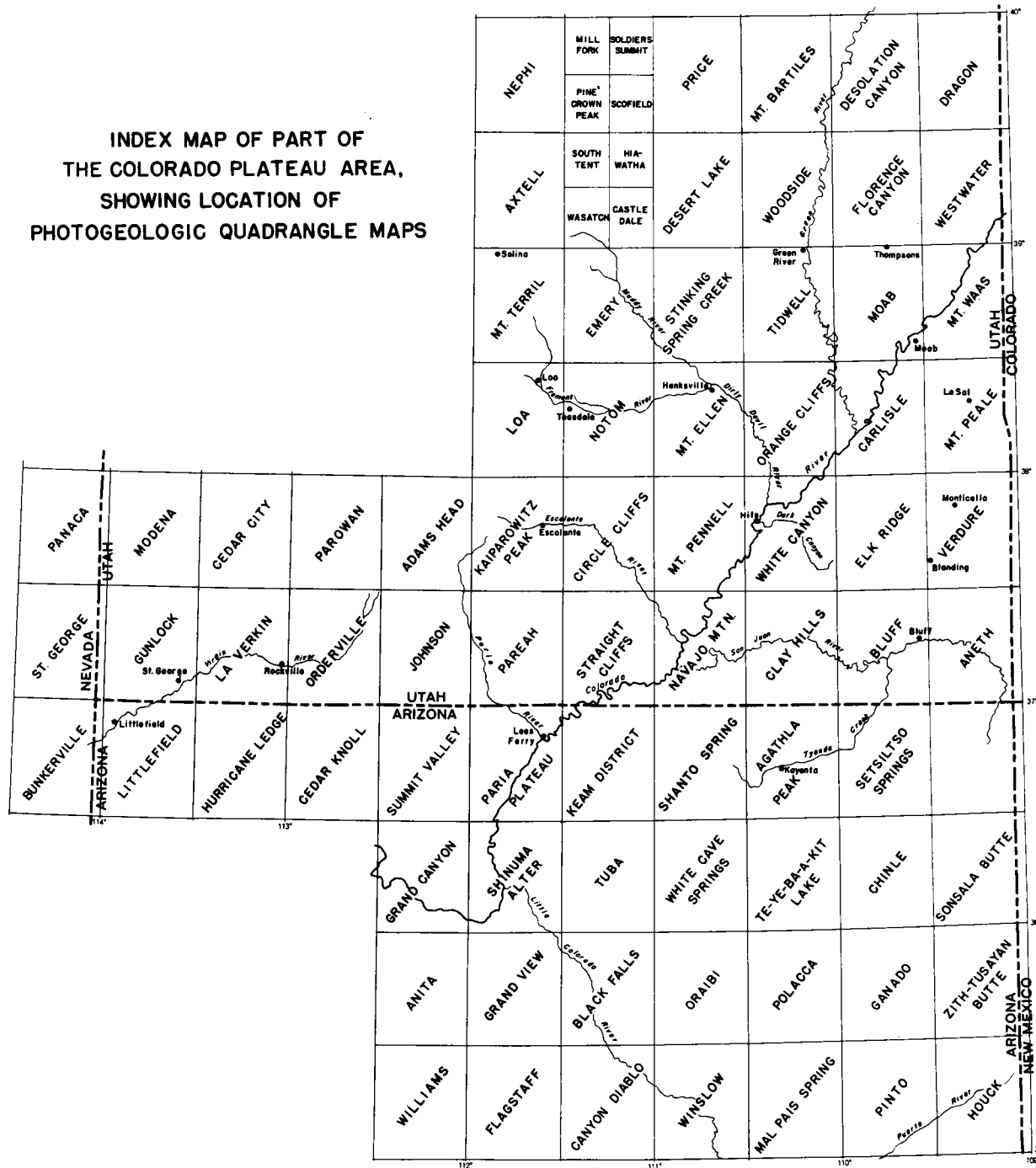
USGS - TEM Report 584

GEOLOGY - MINERALOGY

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







UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WASHINGTON 25, D. C.

MAY 27 1953

AEC - 1022/3

Dr. Phillip L. Merritt, Assistant Director  
Division of Raw Materials  
U. S. Atomic Energy Commission  
P. O. Box 30, Ansonia Station  
New York 23, New York

Dear Phil:

Transmitted herewith are two copies of TEM-584, "Photogeologic map, Moab-14 quadrangle, Grand County, Utah," by V. M. Hosley. This map of part of the Colorado Plateau area is one of the series of 7½-minute photogeologic quadrangle maps that are being prepared.

We plan to place this map on open file and are asking Mr. Hosted to approve this plan.

Sincerely yours,

for *John H. Eric*  
W. H. Bradley  
Chief Geologist