

(200)
T.M.

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
U. S. ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, LOST SPRING MOUNTAIN NW
ARIZONA-MOHAVE COUNTY
TRACE ELEMENTS MEMORANDUM REPORT 852



EXPLANATION

- | | | |
|--|---|-----------------------------------|
| <p>Quaternary</p> <p>Upper Triassic</p> <p>Lower and Middle (C) Triassic</p> | <p>Os</p> <p>Surficial deposits</p> <p>Ts</p> <p>Shinarump conglomerate</p> <p>Tmu</p> <p>Tms</p> <p>Tmm</p> <p>Tmv</p> <p>Tml</p> <p>Moenkopi formation</p> <p>Upper red member, Tmu;</p> <p>Shabkaib member, Tms;</p> <p>Middle red member, Tmm;</p> <p>Virgin limestone member, Tmv;</p> <p>Lower red member and Timpoweap member, undifferentiated, Tml</p> | <p>QUATERNARY</p> <p>TRIASSIC</p> |
|--|---|-----------------------------------|
-
- Contact
Can be located
within 30 feet horizontally.
 - 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
U, upthrown side, D, downthrown side.
Dashed where approximately located,
dotted where concealed.
 - Anticline
Showing crest line and
direction of plunge
Approximately located.
 - Syncline
Showing trough line and
direction of plunge
Approximately located.
 - Anticline Syncline
Minor fold showing plunge
 - Strike and dip of beds
Computed by photogrammetric methods.
 - Approximate strike and dip of beds
Based on photointerpretation.
 - Inferred strike and dip of beds
Based on photointerpretation of
areas where bedding is obscure.
 - Strike of approximately vertical joints
Based on photointerpretation.
 - Linear feature uninterpretable on photograph
May be geologically significant.
 - Irrigation ditch
 - State boundary
 - Secondary road
 - Trail
 - Fence

Base map compiled by U. S. Geological Survey from vertical
aerial photographs.
The area is a geologic unit for photogeologic interpretation
with a name in August 1965.
Roads as classified on this map are as follows:
Primary roads are marked and shown. Secondary
roads are marked with a dashed line and are not
traversable by four-wheel drive vehicles except during
winter when information is available. Roads are marked
by their appearance on aerial photographs.



LOST SPRING MOUNTAIN
15 MINUTE QUADRANGLE

PHOTOGEOLOGY BY C. H. MARSHALL
SCALE 1:24,000
APRIL 1965

This preliminary report is distributed
without editorial and technical review
for conformity with official standards
and nomenclature it is not for public
inspection or quotation.

Stratigraphic column for this area modified from Geol. Surv.
Arizona 1964: 1-10 and 11-15. See also Geol. Surv. Prof. Paper 220,
1970. Geographic and geologic field data also from U.S. Geol.
Prof. Paper 220.
This map was prepared from photogeologic data
but has not been checked on the field. It may not reflect the
most recent information available. It is not to be used as a
basis for field work.

HURRICANE CLIFFS 2 SEI

HURRICANE CLIFFS 2 NEI

LOST SPRING MTN. SW

LOST SPRING MTN. SEI