

PLEASE RETURN TO POCKET
IN BACK OF BOARD VOLUME

(200)
7672
NOV 9 1987

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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

TRACE ELEMENTS MEMORANDUM REPORT 987



EXPLANATION

SEDIMENTARY ROCKS

- Surficial deposits
- Morrison formation
- Brushy Basin shale member, Jmb; Salt Wash sandstone member, Jms
- Summerville formation
- Curtis formation
- Entrada sandstone
- Carmel formation
- Navajo sandstone

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.
Questioned where probable.

Anticline
Showing crest line
and direction of plunge
Approximately located.

Syncline
Showing trough line
and direction of plunge
Approximately located.

Linear feature uninterpretable on photograph
May be geologically significant.

Strike and dip of beds
Based on field measurement.

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.

County boundary
Primary road
Secondary road
Trail

NOTE: This map does not join Emery 10 to the north or the northern third of Emery 16 to the east. Geographic features are better positioned on Emery 15, as more reliable horizontal control (1956) has been obtained since the base maps for Emery 10 and Emery 16 were compiled (1954 and 1952).

Base map compiled by U.S. Geological Survey from vertical aerial photographs.
The aerial photographs used for photogeologic interpretation were taken in August and October 1952.
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.

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

EMERY
QUADRANGLE

PHOTOLOGIC MAP
OF THE
EMERY-15 QUADRANGLE
EMERY COUNTY, UTAH

By
D. Bunnag and G. Moustafa

Scale 1:24,000



1956

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 U.S. Geol. Survey Bull. 896-C, 1953; geographic and geologic field data also from Bull. 896-C.
This map has been compiled mainly from photogeologic data and has not been checked in the field.

