

Library copy

R. 23 E. R. 24 E.

17 30'

109 15 00'

38° 22' 30"

38° 22' 30"



EXPLANATION

SEDIMENTARY ROCKS

Qs Surficial deposits

Km Mancos shale(?)

Kdb Dakota sandstone and Burro Canyon formation, undifferentiated

Jm Morrison formation, Jm; Brushy Basin shale member, Jmb; Salt Wash sandstone member, Jms

Js Summerville formation

Jem Entrada sandstone Moab tongue, Jem; lower unit, Jel

Jc Carmel formation

Jn Navajo sandstone

Jk Kayenta formation

Jw Wingate sandstone

Jb Chinle formation

IGNEOUS ROCKS

Jt Intrusive rocks (?)

Jbu Undifferentiated rocks

Jtu Undifferentiated rocks

T. 28 S.
T. 29 S.

MT. PEALE-11

MT. PEALE-10

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

MT. PEALE
QUADRANGLE

PHOTOGEOLOGY BY R. J. HACKMAN
SCALE 1:24,000
REVISED OCTOBER 1955

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. Atomic Energy Comm., RME-4022 (Rev.), 1954, and U. S. Geol. Survey Bull. 841, 1933. Geographic and geologic field data from U. S. Geol. Survey Prof. Paper 228, 1953; U. S. Forest Service map, Mount La Sal National Forest, 1952; U. S. Geol. Survey Strategic Minerals Inv., Prelim. Map 3-226, 1944; U. S. Geol. Survey Bull. 841; and unpublished field data of R. D. Sample, H. H. Sullwald, Jr., and E. E. Gauld.

Base map compiled by U. S. Geological Survey from Soil Conservation Service maps, Utah - 207. The aerial photographs used for photogeologic interpretation were taken in July 1950. Photogeologic compilation completed in March 1955. 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.