U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY COLORADO PLATEAU AREA UNITED STATES

TRACE ELEMENTS MEMORANDUM REPORT 398

EXPLANATION

	Qal — Alluvium	CRETACEOUS QUATERNARY
Lower and Upper	Kdm — Burro Canyon formation; Dakota sandstone-Mancos shale undifferentiated	CRETACEOUS
Upper	Jmu, Jml, Jm — Morrison formation; Upper unit, Jmu; lower unit, Jml; including Salt Wash sandstone member	JURASSIC
Upper	Js — Summerville formation	JURASSIC
Upper	Jem, Jel — Entrada formation; Moab sandstone member, Jem; lower member, Jel	JURASSIC
Middle and Upper	Jc — Carmel formation	JURASSIC
	Jn — Navajo sandstone	JURASSIC (?)
	Jk — Kayenta formation	JURASSIC (?)
	Jw — Wingate sandstone	JURASSIC (?)

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

Fault
(Dashed where approximately located)

High-angle fault
(U, upthrown side; D, downthrown side)

Strike of approximately vertical joint system
(Based on photo-interpretation)

Prospect or open cut

Spring

Primary road

Secondary road

Trail

Fence

Note: In the areas of Stinking Spring Creek quadrangles 11, 12, 13, and 14, four units of the Moenkopi formation are recognizable on the aerial photographs. However, the Moenkopi formation is here mapped as a single formation.

BASE MAP COMPILED BY SOIL CONSERVATION SERVICE
U. S. DEPT. OF AGRICULTURE

MAY 1952

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

MT. PEALE QUADRANGLE

TRUE NORTH 15°

PHOTOGEOLOGIC MAP
MT. PEALE - 13
SAN JUAN COUNTY, UTAH

PHOTOGEOLOGY BY G.E. TOLBERT

SCALE 1:24,000

0 — 1 MILE

Stratigraphic column modified from U. S. Geol. Survey Bull. 841 and U. S. Geol. Survey Strategic Minerals Inv., Geologic map of vanadium region of southwestern Colorado and southeastern Utah, by R. P. Fischer, 1944.

This report is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.