Y3.At 7:22/TEM-594

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TEM 594

PHOTOGEOLOGIC MAP, ORANGE
CLIFFS - 3 QUADRANGLE
WAYNE COUNTY, UTAH,
by
P. P. Orkild

Cat. No. 52982

C R M O
MAIL AND RECORDS

WITHDRAWN

2.0 765 W31
TEM 594 C.2

IN REPLY REFER TO:

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

MAY 27 1953

AEC - 1015/3

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

SEP 17 1991
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Dear Phil:

Transmitted herewith are two copies of TEM-594, "Photogeologic map, Orange Cliffs-3 quadrangle, Wayne County, Utah," by P. P. Orkild. 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

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USGS - TEM Report 594

GEOLOGY - MINERALOGY

<u>Distribution (Series A)</u>	<u>No. of copies</u>
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INDEX MAP OF PART OF
THE COLORADO PLATEAU AREA,
SHOWING LOCATION OF
PHOTOGEOLOGIC QUADRANGLE MAPS

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 594

EXPLANATION

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)

Fault
(U, upthrown side; D, downthrown side. (Approximately located))

Probable fault

Anticline
Showing trace of axial plane (Approximately located)

Syncline
Showing trace of axial plane and direction of plunge (Approximately located)

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

Dip component

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

Spring

Secondary road

Trail

County boundary

Planimetric base map compiled from vertical aerial photographs by U. S. Geological Survey by radial-templet methods.

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

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

ORANGE CLIFFS QUADRANGLE

PHOTOGEOLOGIC MAP
ORANGE CLIFFS-3
WAYNE COUNTY, UTAH

PHOTOGEOLOGY BY P. P. ORKILD
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

JANUARY 1963

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.

Stratigraphic column for this area modified from U. S. Geol. Survey Bull. 951, 1946.