



EXPLANATION

Qal	Qt	Qc
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Alluvium, Qal;
terrace deposits, Qt;
covering deposits, undifferentiated, Qc

Jmw
Jmrs

Morrison formation
Westwater Canyon sandstone
member, Jmw; Recapture shale and Salt
Wash sandstone members,
undifferentiated, Jmrs

Jb

Bluff sandstone

Js

Summerville formation

Je

Entrada sandstone

Jc

Carmel formation

Jn

Navajo sandstone

Upper Jurassic
Lower, Middle and Upper
Jurassic

QUATERNARY

JURASSIC

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

Probable contact

Strike and dip of beds
Computed by photogrammetric methods

Approximate strike and dip of beds
Based on photo-interpretation

Horizontal beds

Strike of approximately vertical joints
Based on photo-interpretation

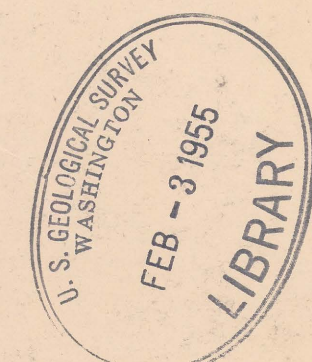
Irrigation ditch

Reservation boundary
Approximate location

Primary road

Secondary road

Trail



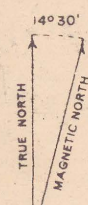
(200)
T67m
no. 370A

Base map modified from Soil Conservation Service
map, Utah - 346
The aerial photographs used for photogeologic
interpretation were taken in June 1950.

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

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

BLUFF
QUADRANGLE



PHOTOGEOLOGY BY C. F. MILLER
SCALE 1:24,000
REVISED AUGUST 1954

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 Trace Elements Inv. Rept. 180, 1951; Geomorphologic
geologic field data from U. S. Geol. Survey Prof. Paper 188,
1958.

Maps of this series have been compiled mainly from photo-
geologic data but have not been checked in the field; hence
they have not had the benefit of thorough evaluation with
respect to maps compiled entirely from field data.

Utah (Bluff 8 quad.) Geol. 1:24,000. 1954.

cop. 1.



M(200)
R290
no. 55-111
C-1