

(200)
7877mm
QUATERNARY
JURASSIC
JURASSIC(?)
TRIASSIC(?)
TRIASSIC



- EXPLANATION**
- Surficial deposits
 - Entrada sandstone
 - Carmel formation
 - Navajo sandstone
 - Kayenta formation
 - Moenave formation
Springdale sandstone member, rmos; Dinosaur Canyon sandstone member, rmod.
 - Chinle formation
Petrified forest member, rcp; Shivwamp member, rcs.
 - Moenkopi formation
Upper red member, rmu; Shivwamp member, rms.
 - 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; D, downthrown side. Dashed where approximately located. Questioned where probable. Dotted where concealed.
 - Linear feature uninterpretable on photograph
May be geologically significant.
 - 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.
 - Strike of approximately vertical joints
Based on photointerpretation.
 - Secondary road
 - Trail
 - Surveyed line

Base map modified from U.S. Geological Survey preliminary topographic map, Buckskin Gulch NW quadrangle, Utah.

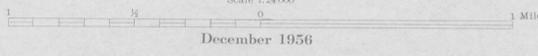
The aerial photographs used for photogeologic interpretation were taken in January 1963 and June 1964.

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.

BUCKSKIN GULCH
15-MINUTE QUADRANGLE

**PHOTOGEOLOGIC MAP
OF THE
BUCKSKIN GULCH NW QUADRANGLE
KANE COUNTY, UTAH**

By
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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 Am. Assoc. Petroleum Geologists Bull., v. 39, p. 2515-2524, 1955; U. S. Geol. Survey Prof. Paper 220, 1950; and Geol. Soc. America Bull., v. 59, p. 211-248, 1948. Geographic and geologic field data from Geol. Soc. America Bull., v. 59, p. 211-248, 1948, and U. S. Geol. Survey prelim. topo. map, Buckskin Gulch NW quadrangle, Utah.

This map has been compiled mainly from photogeologic data and has not been checked in the field.