

R. 12 E. 110° 36' 00"

110° 32' 30"

R. 13 E.

110° 30' 00"

38° 45' 00"



EXPLANATION

	Qal Qd Qc	Quaternary
	Alluvium, including some slope wash, Qd; dune sand, windblown material, Qd; covering deposits, undifferentiated, Qc	
Middle and Upper	Je	Entrada sandstone
	Jc	Carmel formation
	Jn	Navajo sandstone
	Jk	Kayenta formation
	Jw	Wingate sandstone
Upper	Rc	Chinle formation
	Rs	Shinarump conglomerate
	Rm3 Rm2 Rm1	Moenkopi formation Unit 3, Rm3; unit 2, Rm2; unit 1, Rm1
Lower	Pk	Kaibab limestone
	Pco	Coconino sandstone
	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. Dashed where approximately located.)	
	Probable or doubtful fault	
	Strike and dip of beds (Based on field measurement)	
	Strike and dip of beds (Based on photo-interpretation)	
	Inferred strike and dip of beds (Based on photo-interpretation)	
	Horizontal beds	
	Strike of approximately vertical joints (Based on photo-interpretation)	
	Conspicuous resistant bed within a formation (May be traceable only locally)	
	Uninterpretable linear feature on photograph (May be geologically significant)	
	Gravel pit	
	Primary road Secondary road	
	Trail Surveyed line	
	BM 5165 Bench mark	

PLANIMETRIC BASE MAP COMPILED BY SOIL CONSERVATION SERVICE.

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

STINKING SPRING CREEK QUADRANGLE

**PHOTOGEOLOGIC MAP
STINKING SPRING CREEK-9
EMERY COUNTY, UTAH**

PHOTO GEOLOGY BY W. R. HEMPHILL
PHOTO GEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

JULY 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.

Note: In the area of this map the Moenkopi formation can be divided into three units on aerial photographs. No correlation with subdivisions of the Moenkopi formation in other areas is implied. On this map, unit 2 is believed to be equivalent to the Sinbad limestone member.

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