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U.S. GEOLOGICAL SURVEY  
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DEPARTMENT OF THE INTERIOR  
 UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE  
 U. S. ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, TIDWELL-10  
 UTAH - EMERY COUNTY  
 TRACE ELEMENTS MEMORANDUM REPORT 932



### EXPLANATION

<p>Os</p> <p>Jcu</p> <p>Je</p> <p>Jc</p> <p>Jn</p>	<p>QUATERNARY</p> <p>JURASSIC</p> <p>JURASSIC and JURASSIC(?)</p>
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Surficial deposits

Curtis formation

Entrada sandstone

Carmel formation

Navajo sandstone

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

Resistant bed within a formation  
 May be traceable only locally

Fault  
 U, upthrown side; D, downthrown side.  
 Questioned where probable.

Strike and dip of beds  
 Based on field measurement.

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.

Linear feature uninterpretable on photograph  
 May be geologically significant.

Primary road

Secondary road

Trail

Scale 1:24,000  
 JANUARY 1956

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

TIDWELL  
 QUADRANGLE

PHOTOGEOLOGY BY A. B. OLSON  
 SCALE 1:24,000  
 JANUARY 1956

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.

Photographic source for this area read from U.S. Geol. Surv. Bull. 951, 946 and 936, 1940; photogrammetric and geologic field data from Bull. 951.

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