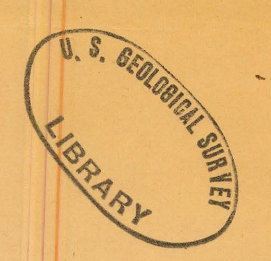


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DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

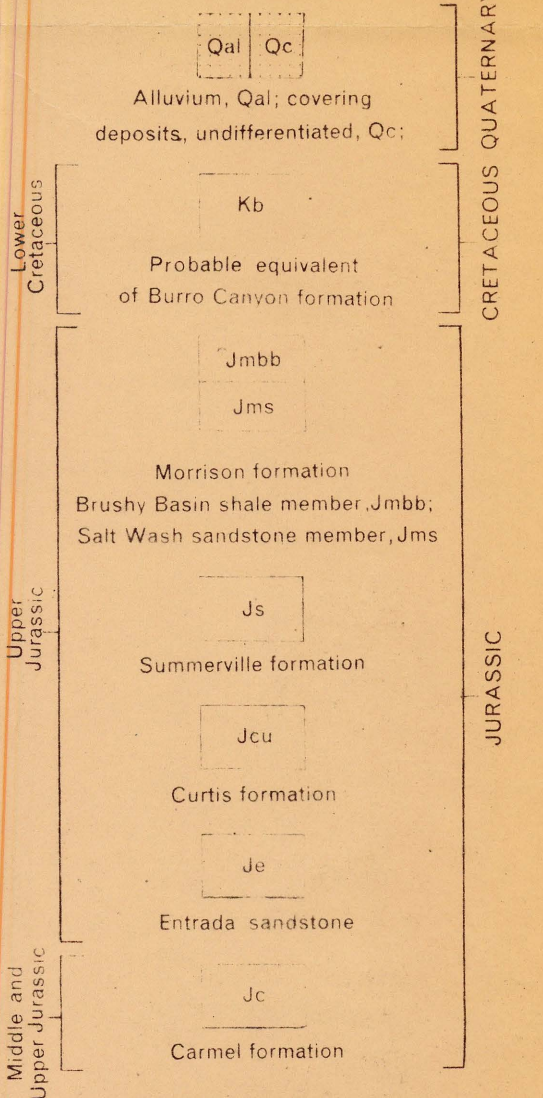
PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, TIDWELL 6
UTAH - EMERY COUNTY
TRACE ELEMENTS MEMORANDUM REPORT 755
R. 15 E.



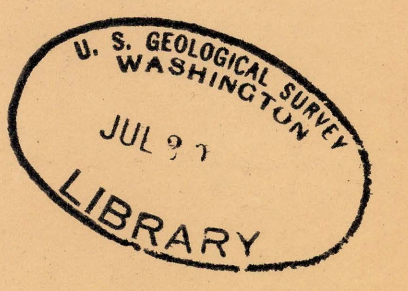
T. 22 S.
T. 23 S.
T. 24 S.

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
- Anticline** **Syncline**
- Minor fold** **plunge**
- Strike and dip of beds**
Computed by photogrammetric methods
- Approximate strike and dip of beds**
Based on photo-interpretation
- Inferred strike and dip of beds**
Based on photo-interpretation of areas where bedding is obscure
- Conspicuous resistant bed within a formation**
May be traceable only locally
- Uninterpretable linear feature on photograph**
May be geologically significant
- Irrigation ditch**
- Primary road**
- Secondary road**
- Trail**

Note: Probable equivalent of the Burro Canyon formation is believed to be the Buckhorn conglomerate and Cedar Mountain shale of Stokes, (Geol. Soc. America Bull., vol. 55, 1944).



PLANIMETRIC BASE MAP COMPILED BY SOIL CONSERVATION SERVICE

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

TIDWELL QUADRANGLE



PHOTOGEOLOGY BY H. S. BENNETT
SCALE 1:24,000
FEBRUARY 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, but 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. 651 (see Geographic and geologic field data also from U.S. Geol. Survey Bull. 981, 1946). Maps of this series have been compiled mainly from photogeologic 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.

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

Utah (Tidwell 6 quad). Geol. 1:24,000. 195
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