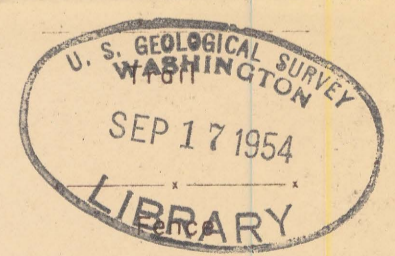




EXPLANATION

- Qal, Oc
Alluvium, Qal - covering deposits, undifferentiated, Oc
- Kmt
Tununk shale member of the Mancos shale
- Kd
Dakota sandstone
- Kbu
Kbl
Probable equivalent of the Burro Canyon formation
Upper unit, Kbu; lower unit, Kbl
- Jmbb
Jms
Morrison formation
Brushy Basin shale member, Jmbb; Salt Wash sandstone member, Jms
- Js
Summerville formation
- Jcu
Curtis formation
- Je
Entrada 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
Dashed where approximately located U, upthrown side, D, downthrown side
- Probable or doubtful fault
- 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
- Strike of approximately vertical joints
Based on photo-interpretation
- Uninterpretable linear feature on photograph
May be geologically significant
- Irrigation ditch
- Primary road
- Secondary road



Notes: Names of members of the Mancos shale are based on C. B. Hunt's Geologic map of the Henry Mountains Region, Utah, U.S. Geol. Survey Map OM 131, 1952.
The lower unit of the probable equivalent of the Burro Canyon formation is believed to be the Buckhorn conglomerate of Stokes (Geol. Soc. of America Bull. Vol. 55, 1944), and the upper unit, the Cedar Mountain shale of Stokes.

PHANEROMIC BASE MAP RECOMPILLED BY U. S. GEOLOGICAL SURVEY FROM SOIL CONSERVATION MAP 140

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

DESERT LAKE QUADRANGLE

PHOTOGEOLOGY BY W. H. CONDON AND C. F. MILLER
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; 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. 628, 1916. Geographic and geologic data also from Bull. 628.
Maps of this series have been compiled mainly from photogeologic data that 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 (Desert Lake 7 quad), Geol. 1:24,000, 1954.
cop. 1.



M(200)
R290
no. 54-55
C. 1