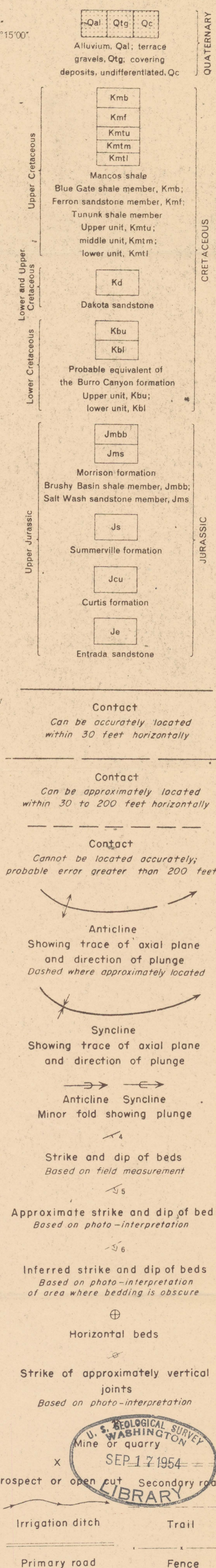


EXPLANATION

TRACE ELEMENTS MEMORANDUM REPORT 764



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

Base of Dakota sandstone from measured section at Drunk Mans Point, T. 21 S., R. 8 E., sec. 31. (Section measured by L. C. Craig and V. L. Freeman, August 1950.)

The Tununk shale member of the Mancos shale has been divided into three units for mapping purposes in this quadrangle. The unit designated as K_{tm} is a persistent sandstone about 5 feet thick that occurs about 120 feet below the base of the Ferron sandstone member.

The contact at the base of the upper unit of the Tununk member represents a tonal break between the light upper unit and the darker middle and lower units.

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

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

DESERT LAKE
QUADRANGLE

PHOTO GEOLOGY BY C. F. MILLER
SCALE 1:24,000
JUNE 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 Oil and Gas Inv. Map OM 131 (1962). Bull. 852 (1956) and Bull. 626 (1916). Geographic and geologic field data from U.S. Geol. Survey Bull. 628, 1916.

~~Utah (Desert Lake 12 quad). Geol. 1:24,000. 1954.~~
~~cop. 1.~~

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