

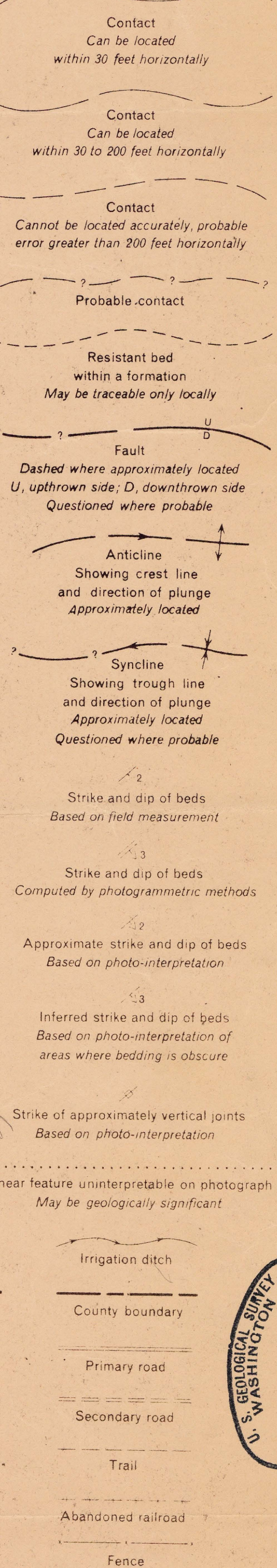
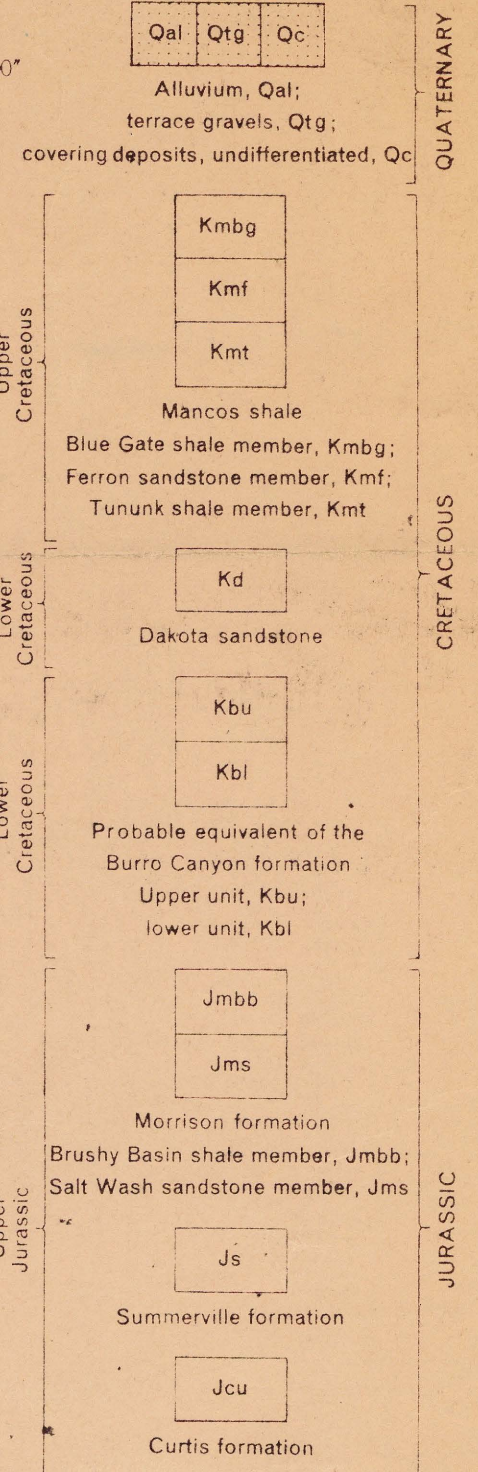
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, DESERT LAKE-1
UTAH-EMERY AND CARBON COUNTIES

TRACE ELEMENTS MEMORANDUM REPORT 762

EXPLANATION



Note: On the eastern boundary of this map the contact between the Quaternary cover, Qc, and the Blue Gate member of the Mancos shale, Kmbg, does not join with a similar contact on Woodside 4, because the contact on the photographs of Woodside 4 is obscured by snow cover.

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 map modified by U. S. Geological Survey from Soil Conservation Service map, Utah - 182. The aerial photographs used for photogeologic interpretation were taken in August 1952.

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

4	3	2
5	6	7
12	11	10
13	14	15

DESERT LAKE QUADRANGLE

PHOTOGEOLOGY BY J. M. SCOTT
SCALE 1:24,000
JUNE 1954

Roads as classified in this map series are as follows: Primary roads are maintained and are travelable by two-wheel drive vehicles; secondary roads are travelable possibly by two-wheel drive vehicles; tertiary roads are not travelable by two-wheel drive vehicles except in dry weather. 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. 674, 1916 and U.S. Geol. Survey Oil and Gas Ind. Map, No. 10, 1922. Geographic and geologic data are from Bull. 674.

Most of this area 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.

Utah (Desert Lake 1 quad.) Geol. 1:24,000
cap. 1

M(200)
R290
no. 54-279
C. J.

