

EXPLANATION

- Qal  
Alluvium  
Valley fill and terrace gravel
- Km  
Mancos shale  
(Present in this area only as a thin mantle above Dakota sandstone)
- Kbd  
Burro Canyon formation and Dakota sandstone, undifferentiated
- Jm  
Morrison formation  
Upper part, Jmu, is the equivalent of the Brushy Basin shale member, lower part, Jml, includes Westwater Canyon sandstone member, Recapture shale member, and Salt Wash sandstone member. Dashed line shows position of base of corallite-bearing 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)
- Probable or doubtful contact
- Strike and dip of beds  
(Based on photo-interpretation)
- Horizontal beds
- Dip component
- Mine or quarry
- Secondary road
- Trail
- Reservation boundary, National or State
- State boundary

BASE MAP COMPILED BY SOIL CONSERVATION  
SERVICE, U.S. DEPT. OF AGRICULTURE

MAY 1952

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

ANETH  
QUADRANGLE

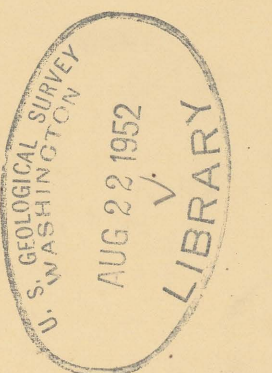
PHOTOGEOLOGIC MAP  
ANETH-1  
UTAH-COLORADO  
PHOTOGEOLOGY BY R.J. HACKMAN  
SCALE 1:24,000

Stratigraphic column modified from U. S. Geol. Survey Prof. Paper 139; U. S. Geol. Survey Strategic Minerals Inv. Geologic map of vanadium region of southwestern Colorado and southeastern Utah, by R. P. Fischer, 1944; and U. S. Geol. Survey unpublished report.

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

Utah (Aneth 1 quad.). Geol. 1:24,000. 1952.

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