



SEDIMENTARY ROCKS

- Upper
 - Js Summerville formation
 - Jcu Curtis formation
 - Je Entrada sandstone
- Middle Upper
 - Jc Carmel formation
- Lower
 - Jn Navajo sandstone
 - Jk Kayenta formation
 - Jw Wingate sandstone
 - Jc Chinle formation
 - Rs Shinarump conglomerate
 - Rm³ Upper unit, Moenkopi formation

JURASSIC (7)

TRIASSIC

TERTIARY

- IGNEOUS ROCKS
- T Diabase dikes
 - T Composite sills of diabase and syenite

- Contact
(Can be accurately located within 30 feet horizontal)
- 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
- Fault
(U, upthrown side; D, downthrown side)
(Dashed where approximately located)
- Probable or doubtful fault
- Anticline
Showing trace of axial plane and direction of plunge
(Approximately located)
- Syncline
Showing trace of axial plane and direction of plunge
(Approximately located)
- Strike and dip of beds
(Based on field measurements)
- Strike and dip of beds
(Based on photo-interpretation)
- Strike of approximately vertical joints
(Based on photo-interpretation)
- Uninterpretable linear feature on photograph
(May be geologically significant)
- Secondary road
- Trail

Planimetric base map compiled from vertical aerial photographs by U. S. Geological Survey by radial-templet methods. Horizontal control extended west from Soil Conservation Service Map No. 241.

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

EMERY QUADRANGLE

PHOTOGEOLOGIC MAP
EMERY-16
EMERY COUNTY, UTAH
PHOTOGEOLOGY BY W. H. CONDON
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

Stratigraphic column modified from U. S. Geol. Survey Bull. 806-C, 1929.