



EXPLANATION

- |    |
|----|
| Qc |
|----|

 Covering deposits, undifferentiated
  - |    |
|----|
| Je |
|----|

 Entrada sandstone
  - |    |
|----|
| Jc |
|----|

 Carmel formation
  - |    |
|----|
| Jn |
|----|

 Navajo sandstone
  - |    |
|----|
| Jk |
|----|

 Kayenta formation
  - |    |
|----|
| Jw |
|----|

 Wingate sandstone
- QUATERNARY  
 JURASSIC  
 JURASSIC (?)
- |  |
|--|
|  |
|--|

 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)
  - |  |
|--|
|  |
|--|

 Strike and dip of beds  
 (Based on photo-interpretation)
  - |  |
|--|
|  |
|--|

 Inferred strike and dip of beds  
 (Based on photo-interpretation)
  - |  |
|--|
|  |
|--|

 Strike of approximately vertical joints  
 (Based on photo-interpretation)
  - |  |
|--|
|  |
|--|

 Secondary road
  - |  |
|--|
|  |
|--|

 Trail
  - |  |
|--|
|  |
|--|

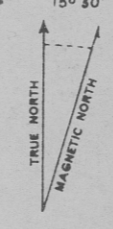
 County boundary

Note: Because of the shifting of dune sand, the geologic contacts shown along the northern boundary of Orange Cliffs 2 quadrangle, as interpreted from photographs taken in 1948, do not match those shown along the southern boundary of Tidwell 15 quadrangle, as interpreted from photographs taken in 1952.

PLANIMETRIC BASE MAP COMPILED FROM VERTICAL AERIAL PHOTOGRAPHS BY U. S. GEOLOGICAL SURVEY BY RADIAL-TEMPLET METHODS

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

TIDWELL QUADRANGLE



PHOTOGEOLOGIC MAP  
TIDWELL - 15  
EMERY COUNTY, UTAH  
PHOTOGEOLOGY BY V. M. HOSLEY  
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH  
SCALE 1:24,000  
JUNE 1963

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, but 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 modified from U. S. Geol. Survey Bull. 684, 1924

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



INDEX MAP OF PART OF  
THE COLORADO PLATEAU AREA,  
SHOWING LOCATION OF  
PHOTOGEOLOGIC QUADRANGLE MAPS

