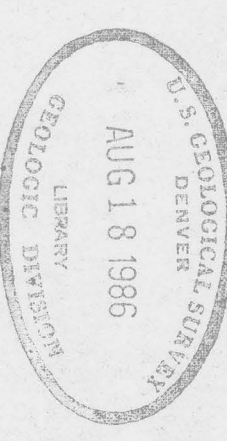


71mm
(000)



EXPLANATION

- Qs Surficial deposits
 - Jc Carmel formation
 - Jn Navajo sandstone
 - Jk Kayenta formation
 - Tw Wingate sandstone
 - Tc Chinle formation
 - Ts Shinarump conglomerate
 - Tm Moenkopi formation
- JURASSIC QUATERNARY
- JURASSIC(?)
- TRIASSIC
- Contact
Can be located
within 30 feet horizontally.
 - Contact
Can be located
within 30 to 200 feet horizontally.
 - Contact
Cannot be located accurately; probable
error greater than 200 feet horizontally.
 - Resistant bed
within a formation
May be traceable only locally.
 - Strike and dip of beds
Computed by photogrammetric methods.
 - Approximate strike and dip of beds
Based on photointerpretation.
 - Inferred strike and dip of beds
Based on photointerpretation of
areas where bedding is obscure.
 - Strike of approximately vertical joints
Based on photointerpretation.
 - Linear feature uninterpretable on photograph
May be geologically significant.
 - Mine
 - Reservation boundary
 - Trail



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

NAVAJO MOUNTAIN
QUADRANGLE

PHOTOGEOLOGIC BY R. J. HACKMAN
SCALE 1:24,000
NOVEMBER 1965

This preliminary report is distributed without editorial and technical review for conformity with official standards and nomenclature. It is not for public inspection or quotation.

Stratigraphic column for this area modified from U.S. Geol. Survey Bull. 895, 1938. Geographic and geologic field data from Bull. 895 and U.S. Geol. Survey Water-Supply Paper 538, 1924. This map has been compiled mainly from photogeologic data but has not been checked in the field.

Base map modified from U.S. Geology of Survey preliminary topographic map, Navajo Mountain 4 NW quadrangle, Utah. The aerial photographs used for photogeologic interpretation were taken in September 1962.