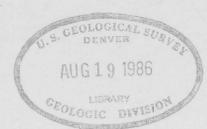


(NOTOM-3)

DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE  
U. S. ATOMIC ENERGY COMMISSION

TRACE ELEMENTS MEMORANDUM REPORT 1020



74222  
(000)



EXPLANATION

- Surficial deposits
  - Mancos shale
  - Emery sandstone member, Jms; Blue Gate shale member, Kmbg; Perron sandstone member, Kmf; Tauxuk shale member, Kmt.
- Dakota sandstone
  - Morrison formation
    - Brushy Basin shale member, Jms; Salt Wash sandstone member, Jmb.
  - Summerville formation
    - Curtis formation
    - Entrada sandstone
- 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.
- Probable contact
- Conspicuous bed within a formation  
May be traceable only locally.
- Probable fault
- Anticline showing crest line and direction of plunge  
Approximately located.
- Syncline showing trough line and direction of plunge  
Approximately located.
- Linear feature uninterpretable on photograph  
May be geologically significant.
- Strike and dip of beds  
Based on field measurement.
- 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.
- Horizontal beds
- Strike of approximately vertical joints  
Based on photointerpretation.
- Irrigation ditch
- Primary road
- Secondary road
- Trail

QUATERNARY  
CRETACEOUS  
JURASSIC

Base map modified from U. S. Geological Survey preliminary topographic map, Notom 1 SE quadrangle, Utah. Aerial photographs used for photogeologic interpretation taken in 1954-1955. Roads are classified as follows: Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable by four-wheel-drive vehicles and locally by two-wheel-drive vehicles; trails are not traversable by vehicles, except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.

PHOTOGEOLOGIC MAP  
OF THE  
NOTOM-8 QUADRANGLE  
WAYNE COUNTY, UTAH  
By  
W. R. Hemphill  
Scale 1:24,000

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

NOTOM QUADRANGLE

Geologic and geographic data from U. S. Geol. Survey Prof. Paper 228, 1953; U. S. Geol. Survey Bull. 806-C, 1973; and U. S. Geol. Survey prelim. topo. map, Notom 1 SE quadrangle, Utah. 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.



1957

(NOTOM-10)

(MT ELLEN-10)