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DEPARTMENT OF THE INTERIOR
 U. S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
 ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, CLAY HILLS-10
 UTAH - SAN JUAN COUNTY
 TRACE ELEMENTS MEMORANDUM REPORT #41



EXPLANATION

- Alluvium
- Undifferentiated sand, residual mantle, and slope wash
- Cutler formation
- Organ Rock tongue, Pcor; Cedar Mesa sandstone member, Pcc
- Contact
Cannot be located accurately, probable error greater than 200 feet horizontally.
- Probable fault
- 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.
- Linear feature uninterpretable on photograph
May be geologically significant.
- Secondary road
- Trail
- Fence

Planimetric and geologic detail on this map, Clay Hills-10, does not join that on Clay Hills-15 owing to a more recent and accurate base map compilation for Clay Hills-10.

Base map compiled by U. S. Geological Survey from vertical aerial photographs.
 The aerial photographs used for photogeologic interpretation were taken in September, 1961 and September, 1962.

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

CLAY HILLS QUADRANGLE

PHOTOGEOLOGY BY C. H. MARSHALL
 SCALE 1:24,000
 OCTOBER 1964

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; trails 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 for this area modified from U.S. Geol. Survey Prof. Paper 186, 1933 and U. S. Geol. Survey Bull 865, 1948; geographic and geologic field data from Prof. Paper 186, Bull 865, and U. S. Geol. Survey Water Supply Paper 588-1924.
 This map has been compiled mainly from photogeologic data but has not been checked in the field; hence it has not had the benefit of thorough evaluation with respect to maps compiled entirely from field data.

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

(CLAY HILLS-6)
 (CLAY HILLS-11)
 (CLAY HILLS-14)

(CLAY HILLS-7)
 (CLAY HILLS-8)
 (CLAY HILLS-15)
 (CLAY HILLS-16)

QUATERNARY
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