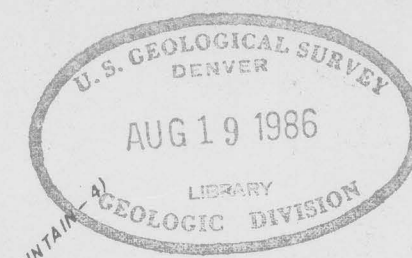


(200)
767mm



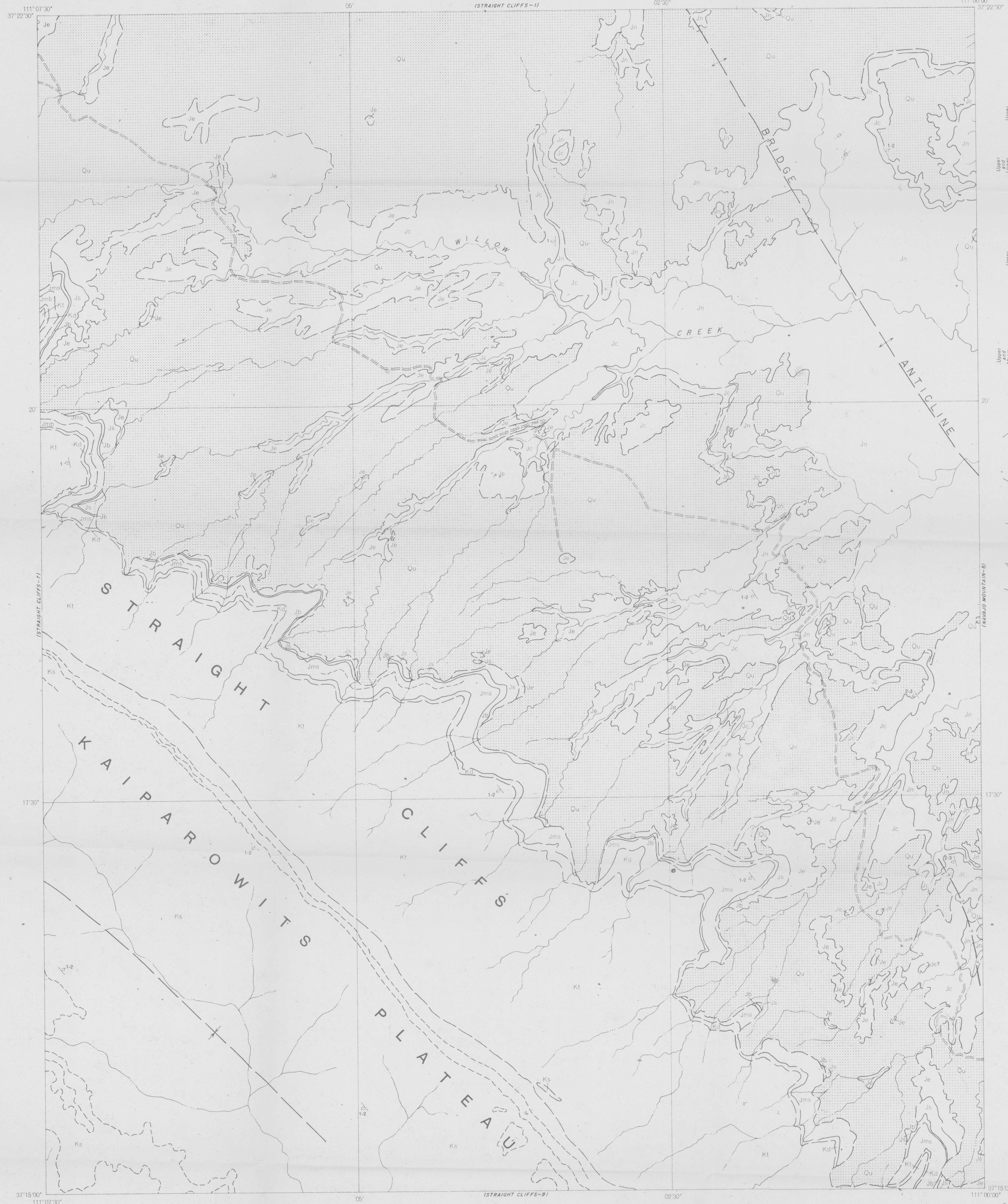
(STRAIGHT CLIFFS-2)

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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

PHOTOGEOLOGIC MAP, STRAIGHT CLIFFS-8
UTAH - KANE COUNTY
TRACE ELEMENTS MEMORANDUM REPORT 769

(NAVAJO MOUNTAIN-1)



EXPLANATION

- Qu Undifferentiated sand, residual mantle, and slope wash
- Ks Straight Cliffs sandstone
- Kt Tropic shale
- Kd Dakota sandstone
- Jmb Morrison formation
- Jms Brushy Basin shale member, Jmb; Salt Wash sandstone member, Jms
- Jb Bluff (?) sandstone
- Js Summerville formation
- Je Entrada sandstone
- Jc Carmel formation
- Jn Navajo 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
- Resistant bed within a formation May be traceable only locally.
- Probable fault
- Anticline Showing crest line Approximately located.
- Syncline Showing trough line Approximately located.
- 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.
- Secondary road

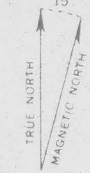
(STRAIGHT CLIFFS-10)

Base map compiled by U. S. Geological Survey from vertical aerial photographs.
The aerial photographs used for photogeologic interpretation were taken in May and June 1948.

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

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

STRAIGHT CLIFFS
QUADRANGLE



PHOTOGEOLOGY BY B. H. KENT
SCALE 1:24,000
DECEMBER 1954

Roads as classified in this map series are as follows:
Primary roads are maintained and graded, travelable by two-wheel-drive vehicles; secondary roads are travelable possibly by two-wheel-drive vehicles, but are not travelable 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 164, 1901; geographic and geologic field data also from Prof. Paper 164.
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.

(NAVAJO MOUNTAIN-12)