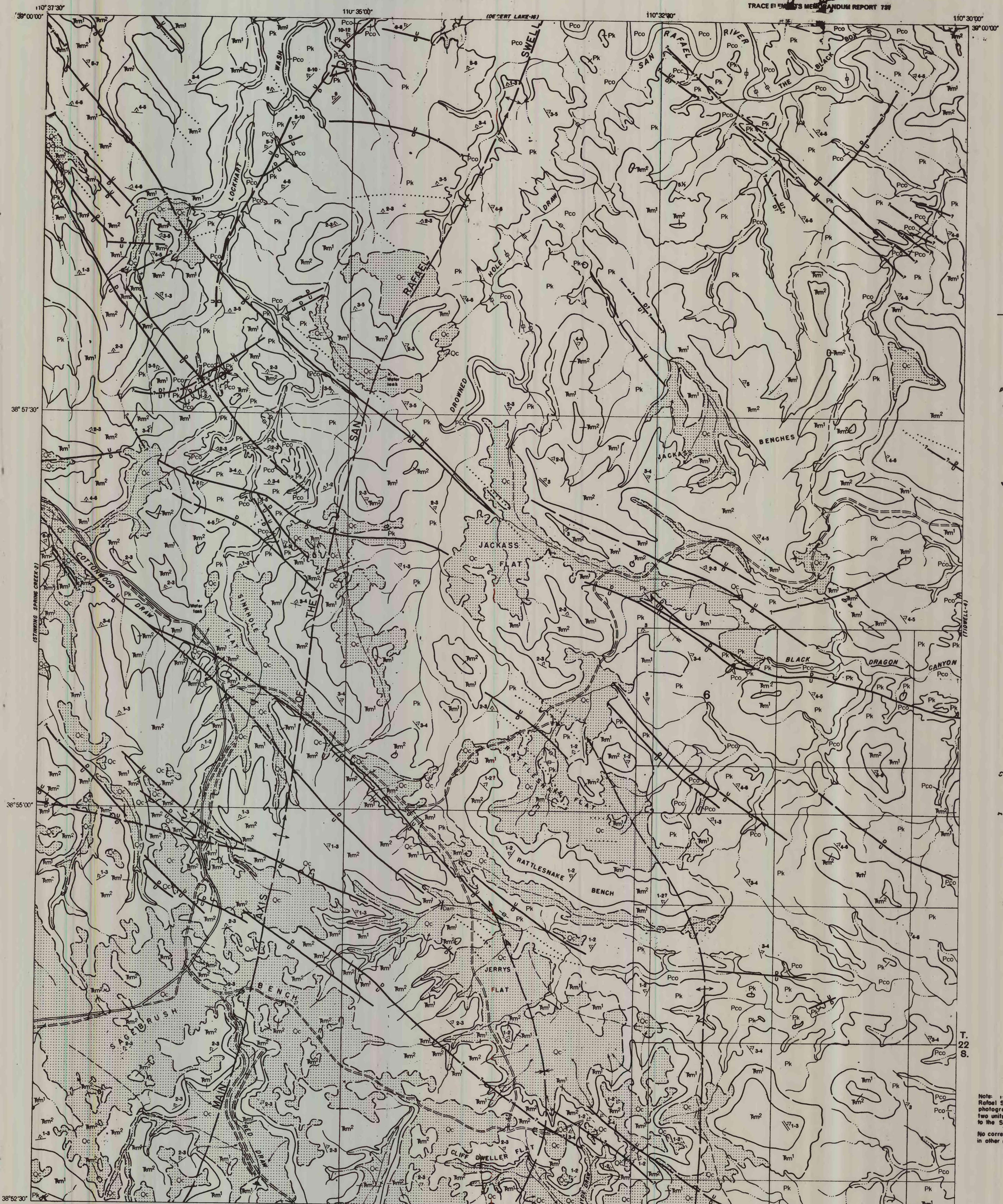


54-281



EXPLANATION

- Covering deposits, undifferentiated
- Moenkopi formation
Unit 2, 1m²; unit 1, 1m¹
- Kaibab limestone
- Coconino sandstone
- 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
- Fault**
Dashed where approximately located
U, upthrown side; D, downthrown side
- Probable or doubtful fault**
- Anticline**
Showing trace of axial plane
and direction of plunge
Approximately located
Questioned where probable
- Syncline**
Showing trace of axial plane
and direction of plunge
Approximately located
Questioned where probable
- 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 photo-interpretation
- Inferred strike and dip of beds**
Based on photo-interpretation
of areas where bedding is obscure
- Strike of approximately vertical joints**
Based on photo-interpretation
- Uninterpretable linear feature on photograph**
May be geologically significant
- Primary road**
- Secondary road**
- Trail**

PLANIMETRIC BASE MAP COMPILED BY U. S. GEOLOGICAL SURVEY FROM VERTICAL AERIAL PHOTOGRAPHS.

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

PHOTOGEOLOGY BY J. M. SCOTT
SCALE 1:24,000
FEBRUARY, 1954

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.

R. 13 E.
Stratigraphic column for this area modified from U.S. Geol. Survey Bull. 806-C, 1929. Geographic and geologic field data from U.S. Geol. Survey Bull. 806-C, 1929 and Bull. 951, 1946.
Maps of this series have been compiled mainly from photogeologic data but have not been checked in the field, hence they have 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.

STINKING SPRING CREEK QUADRANGLE

T. 22 S.

38° 52' 30"