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STRUCTURE AND PETROGRAPHY OF THE FRAQUITA PEAK AREA,
SANTA CRUZ COUNTY, ARIZONA

by

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A Thesis Submitted to the Faculty of the
DEPARTMENT OF GEOLOGY
In Partial Fulfillment of the Requirements
For the Degree of
MASTER OF SCIENCE
In the Graduate College
THE UNIVERSITY OF ARIZONA

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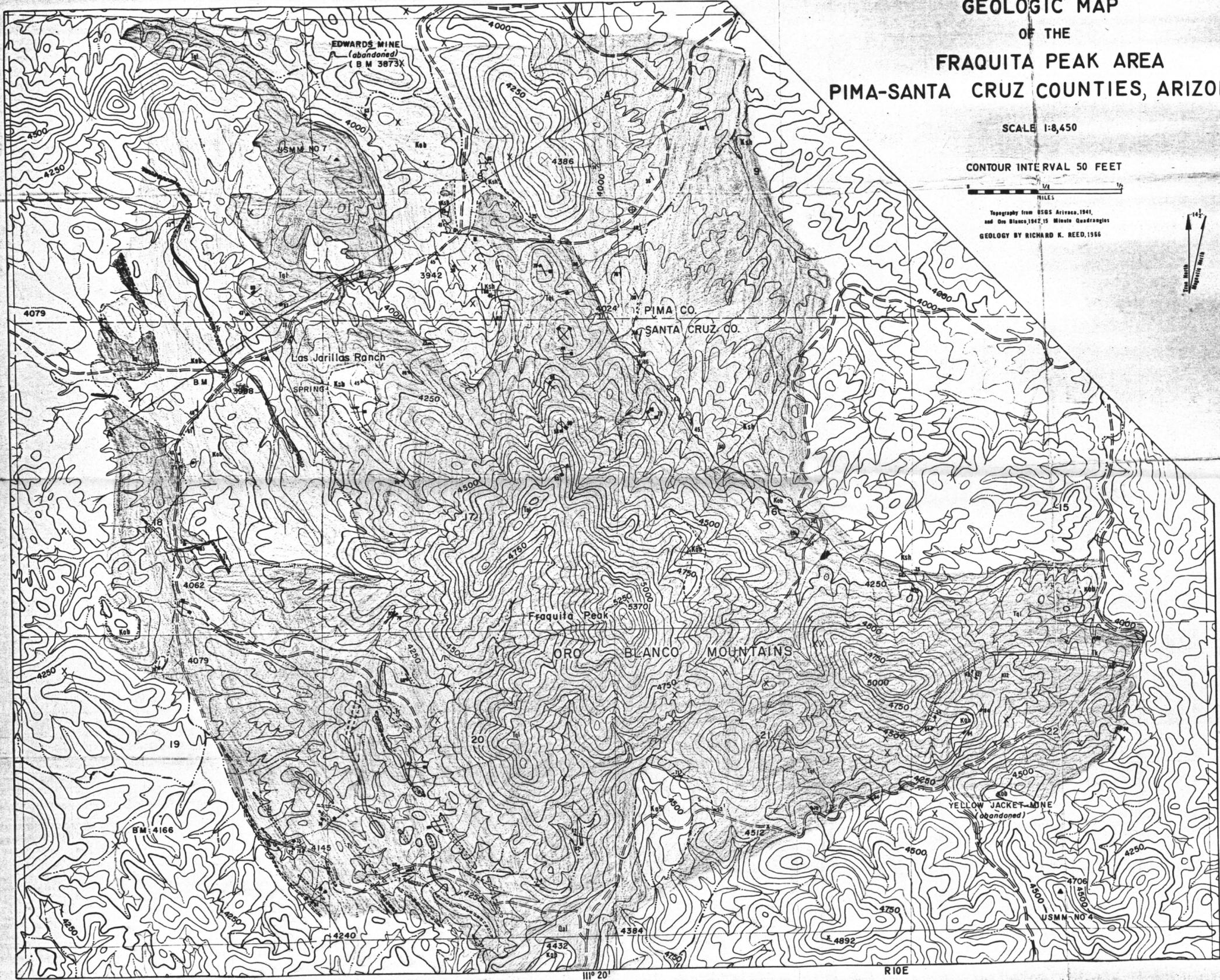
**GEOLOGIC MAP
 OF THE
 FRAQUITA PEAK AREA
 PIMA-SANTA CRUZ COUNTIES, ARIZONA**

SCALE 1:8,450

CONTOUR INTERVAL 50 FEET



Topography from USGS Arizona, 1941,
 and Oro Blanco, 1942, 15 Minute Quadrangles
 GEOLOGY BY RICHARD K. NEED, 1966



**EXPLANATION
 ROCK UNITS**

- Quaternary: Silt, sand, and gravel
- Tertiary: Kersantite
- Tertiary: Porphyritic rhyolite
- Quartz latite porphyry
- Cretaceous: Oro Blanco Conglomerate & Sandstone
- Cretaceous: Shale and quartzite, undifferentiated

SYMBOLS

- Dip and strike of bedding
- Dip and strike of foliation
- Dip and strike of joints
- Contact, dashed where approximate, dotted where inferred
- Fault, dashed where inferred, U on upthrown side
- Prospect pit
- Portal of adit
- Unimproved dirt road
- Intermittent stream
- Lake or pond
- Bench mark

PLATE I