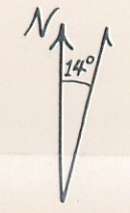


# GEOLOGIC MAP OF THE OJO CALIENTE DISTRICT

GEOLOGY AND TOPOGRAPHY BY:  
R. H. JAHNS  
W. R. MUEHLBERGER  
E. M. SHOEMAKER  
C. T. SMITH  
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CONTOUR INTERVAL  
100 FEET  
SCALE = 1/12000  
0 1000 2000 feet

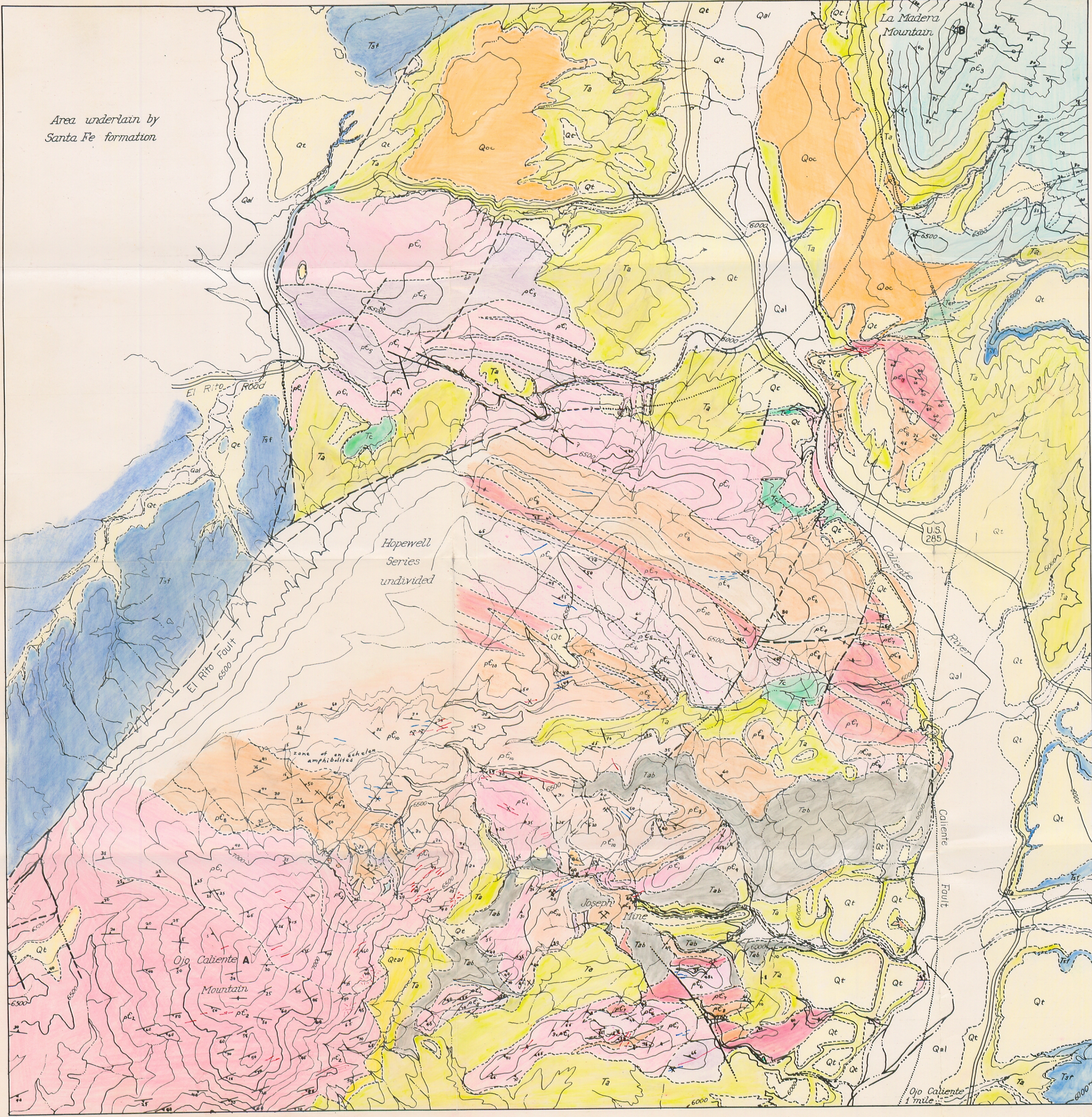


## EXPLANATION

- |            |                      |                       |
|------------|----------------------|-----------------------|
| QUATERNARY | Qal                  | RECENT ALLUVIUM       |
|            | Qcal                 | RECENT TALUS          |
|            | Qt                   | TERRACE GRAVEL        |
|            | Qoc                  | OWL CLIFF TUFA        |
| CENOZOIC   | TERTIARY             |                       |
|            | Tsf                  | SANTA FE FORMATION    |
|            | Tab                  | ABIQUIU BASALT        |
|            | Ta                   | ABIQUIU TUFF          |
|            | Tc                   | CALIENTE CONGLOMERATE |
| Ter        | EL RITO(?) FORMATION |                       |

- |              |                          |                                           |
|--------------|--------------------------|-------------------------------------------|
| PRE-CAMBRIAN | HOPEWELL SERIES          |                                           |
|              | METASEDIMENTARY SCHISTS: |                                           |
|              | pc1                      | FELDSPATHIC HORNBLLENDE SCHIST            |
|              | pc2                      | QUARTZ-MUSCOVITE SCHIST                   |
|              | pc3                      | QUARTZ-FELDSPAR-MICA SCHIST               |
|              | pc4                      | GARNETIFEROUS QUARTZ-FELDSPAR-MICA SCHIST |
|              | pc5                      | "KNOTEN" SCHIST                           |
|              | PICURIS BASALTS:         |                                           |
|              | pc6                      | EPIDOTE AMPHIBOLITE                       |
|              | pc7                      | PLAGIOCLASE AMPHIBOLITE                   |
|              | VALLECITOS RHYOLITE:     |                                           |
|              | pc8                      | METARHYOLITE                              |
|              | pc9                      | METARHYOLITE PORPHYRY                     |
|              | pc10                     | ORTEGA QUARTZITE                          |

- DRY GULLY
- SPRING
- CONTACT
- CONTACT - LOCATION NOT ACCURATELY KNOWN
- BURIED CONTACT
- FAULT
- FAULT - LOCATION NOT ACCURATELY KNOWN
- BURIED FAULT
- DIP AND STRIKE OF BEDDING
- DIP AND STRIKE OF SCHISTOSITY
- DIP AND STRIKE OF JOINTING
- MINE
- PROSPECT PIT
- LINE OF SECTION



Area underlain by Santa Fe formation

Hopewell Series undivided

zone of an schelon amphibolites

Ojo Caliente Mountain

Joseph Mine

Ojo Caliente 1 mile