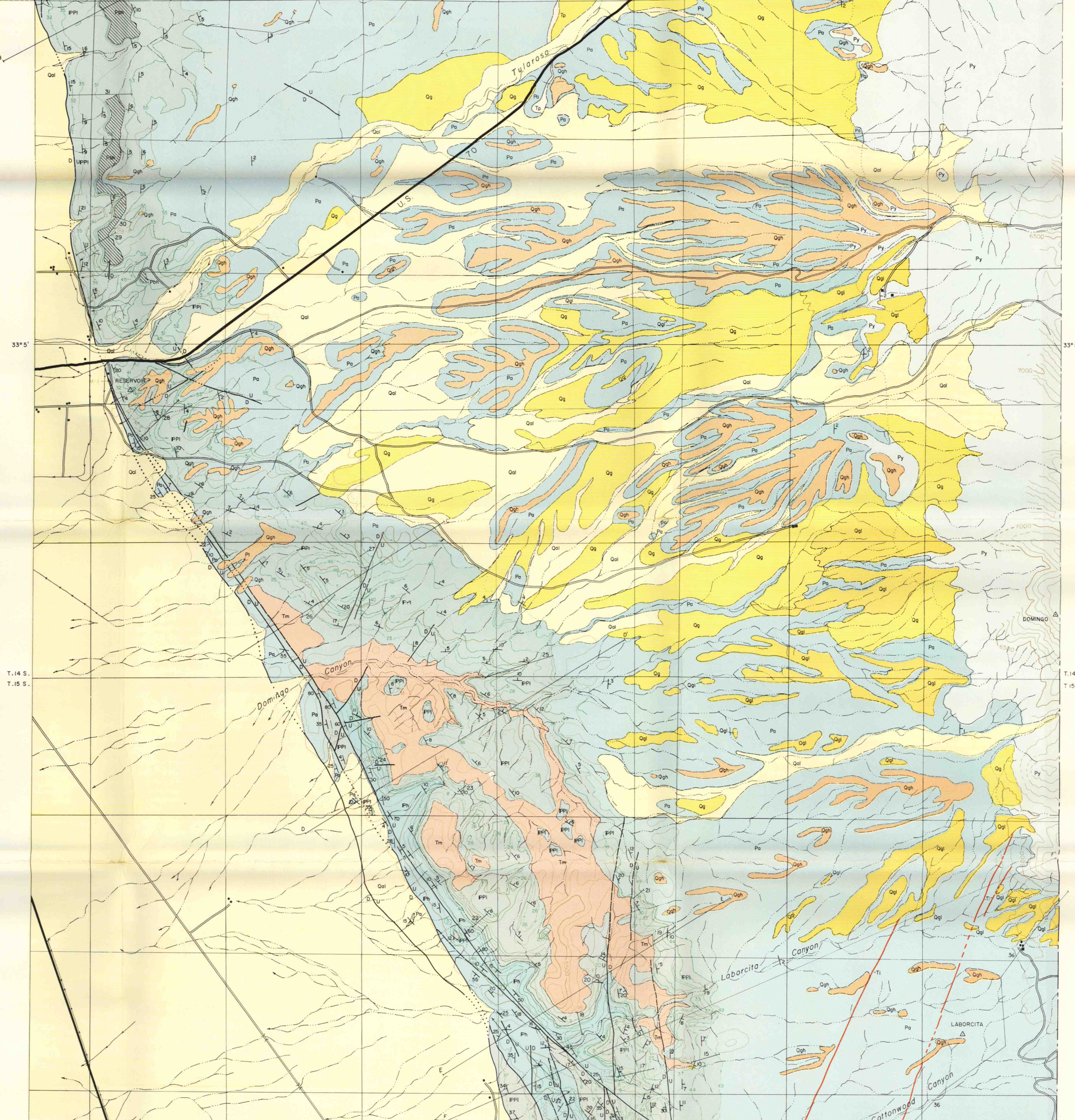


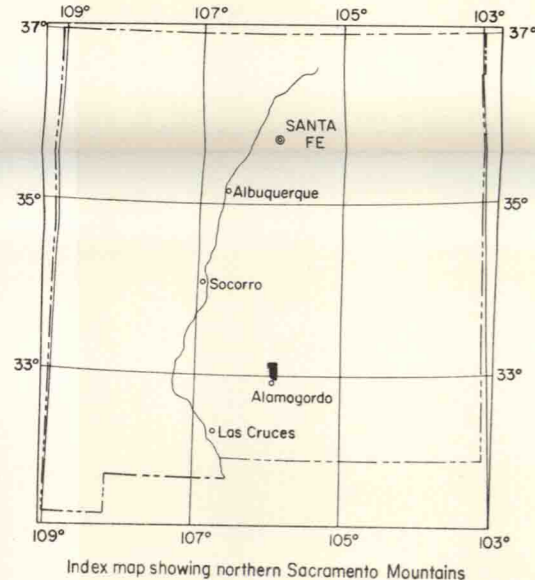
EXPLANATION

- QUATERNARY**
 - Recent alluvium, older valley fill, and pediment gravels (Qal)
 - Quaternary gravels, largely undifferentiated, and reworked gravels (Qg and Qgh)
 - Younger gravel deposits (Qgh)
 - Older gravel deposits (Tm)
 - TERTIARY(?)**
 - Acidic intrusive, fine-grained (Tp)
 - Andesite porphyry (Ti)
 - Intrusive dikes, undifferentiated (Py)
 - PERMIAN**
 - Yeso formation (Pa)
 - Abo formation (Pp)
 - Labarcita formation; cross-hachures indicate area of bioherms (Ph)
 - Holder formation (H)
- Contact**
Dashed where approximately located, dotted where concealed
- Fault**
Dashed where approximately located, dotted where concealed
D, downthrown side, U, upthrown side
- Folds**
Anticline, showing plunge
Overturned anticline
Anticline, dashed where approximately located
Syncline, dashed where approximately located
- Strike and dip of bedding**
H
- Location of structure sections**
4
- Location of important measured sections**
Marker beds, shown by green lines within the mapped rock units are distinctive beds in the Labarcita formation. Numbers indicate relative stratigraphic position and correspond to numbers on Plate 3. Marker beds are dashed where approximately located.
- Limestone
 - Sandstone
 - Conglomerate
- The lower contact of the Labarcita formation is a phantom horizon stratigraphically 20 feet above the base of bed 4. Position corresponds to the base of bed 5. The lower contact of the Abo formation is toward the north successively formed by the base of beds 49, 53 and the top of bed 55.
- F-8
Collection number of fusulinid locality
 - M-3
Collection number of megafossil locality
 - 18-F
Fusulinid collections from measured section 18
- Paved roads
 - Graded roads
 - Streams
Intermittent and flowing



Base map compiled from U.S. Soil Conservation Service maps. Geology and topography by C. Otte, California Institute of Technology. Surveyed 1951-52 as part of the Field Assistance Fellowship Program. Cartography by A.W. Hambleton.

GEOLOGY OF NORTHERN SACRAMENTO MOUNTAINS, NEW MEXICO



Contour interval 100 feet

