



EXPLANATION

SEDIMENTARY ROCKS

Quaternary
Alluvium

Quaternary
Pediment gravels

UNCONFORMITY

Cretaceous
Dakota sandstone

DISCONFORMITY

Triassic
Dockum group

DISCONFORMITY

San Andres formation

Glorieta sandstone

Permian
Yeso formation
Joyita, Cañas and Torres members

Mesela Blanca member

Abo formation

Bursum formation

DISCONFORMITY

Madera limestone
Arkosic limestone member

Marine limestone member

Sandia formation
Upper member

Igneous and Metamorphic Rocks
Dikes and sills

Granite

Schist and quartzite

Normal fault
(↑ indicates downthrown side)

Reverse fault
(↓ indicates upthrown side)

Anticlinal and synclinal axes
(arrow indicates direction of pitch)

Strike and dip of beds

Strike and dip of overturned beds

Structure contours in T. 3 N.
on top of Glorieta sandstone
(contour interval 100 feet)

Monte Prieto bluff and hill-slopes
to the east
(hachures on downhill side)

GEOLOGIC MAP AND STRUCTURE SECTIONS OF THE GRAN QUIVIRA QUADRANGLE, NEW MEXICO