



EXPLANATION

- QTb** Latest Tertiary to Quaternary dark gray olivine basalt cones, flows, plugs, and dikes. Locally vesicular.
- Tsf** Santa Fe Group. Interbedded basin-fill sandstone, conglomerate, siltstone, and tuff. Locally includes younger pediment and terrace gravels, stream alluvium, talus, and landslide debris.
- Tv** Undifferentiated extrusive volcanic rocks, including flows, flow breccia, tuffs, pyroclastic material, and mud flows. Dominantly rhyolitic to andesitic composition.
- Ti** Sills, dikes, stocks, and other intrusive bodies (r, rhyolite; m, monzonite; b, basalt; d, diorite).
- Kmv** Mesaverde Formation. Dominantly sandstone and shale. Locally includes the K-T McRae Formation (sandstone and claystone).
- K** Cretaceous formations undivided. Includes sandstones, shales, and conglomerates of the Dakota Group and Mancos Formation.
- Ps** San Andreas Formation. Dark gray limestone and dolomite, with subordinate interbedded claystone and sandstone.
- Py** Yeso Formation. Dominantly variegated (tan, green, yellow, red, and brown) sandstone and siltstone with abundant gypsum and claystone beds.
- Pa** Abo Formation. Red to red-brown sandstone, siltstone, and claystone.
- P** Magdalena Group. Dominantly thick gray, cherty limestone forming prominent ledges. Includes Mississippian and Devonian formations near the base.
- O** Cambrian, Ordovician, and Silurian formations undivided. Includes dolomites, limestones, and sandstones of the Bliss, El Paso, Montoya, and Fusselman Formations.
- pC** Crystalline rocks, including locally foliated granite, metarhyolite, gneiss, schist, amphibolite, and quartzite.
- Contact--approximately located.
- - -** Fault--approximately located, dashed where uncertain.

Geology compiled from: Kelley (1955b), Dane and Bachman (1965), Davis (1986), Harrison (1986), Maxwell and Heyl (1976), Robertson (1986), and Allen V. Heyl (U.S. Geological Survey, unpublished mapping).

GENERALIZED GEOLOGIC MAP OF THE SIERRA CUCHILLO AREA, SOUTH-CENTRAL NEW MEXICO

by
Robert G. Eppinger
1988

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey editorial standards.