

EXPLANATION

Qal

Alluvium

Qb

Basalt

Largely thin, black, massive to vesicular flows, with local breccia and scoria. Commonly contains small olivine phenocrysts.

TQg

Gila conglomerate

Made up largely of locally derived conglomerate and sandstone.

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Tb

Basalt and basaltic andesite flows

Black to medium-gray; typically aphanitic; commonly scoriaceous and brecciated in upper parts; characteristically contains scattered reddish-brown grains of iddingsite.

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Tda

Andesite-basaltic andesite facies

Gray to black coarsely porphyritic flows, sills, and dikes; lathlike feldspar phenocrysts as much as half an inch long; locally vesicular and brecciated. In part intercalated with rhyolite tuff.

Tdvs

Volcanic sediment facies

Gray to light-gray, locally greenish-gray to reddish-gray volcanic conglomerate, graywacke, sandstone, siltstone, and mudstone. Largely composed of volcanic rock fragments. Locally contains thin beds of water-laid rhyolite tuff and ash.

Ts

Nonvolcanic sediments

Tan to brown and red conglomerate, sandstone, graywacke, and siltstone, with pebbles of quartzite, jasper, quartz, granite, limestone, schist, and sparse pebbles of altered purple to gray andesite; red and gray to greenish-gray clays and shales. In part correlative with the Baca formation.

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Kmv

Mesaverde group

Yellow and reddish-brown sandstone and conglomerate, and gray shale. May be in part equivalent to the Gallup and Crevasse Canyon formations.

Km

Mancos shale

Light-gray to dark-gray shale and siltstone, with lesser amounts of thin interlayered beds of yellow to light-tan quartzose sandstone.

Kd

Dakota(?) sandstone

Yellow to tan bed of quartzose sandstone.

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Rc

Chinle formation

Red, purple, and greenish-gray shale and mudstone; includes in its upper parts thin beds of gray sandstone.



Contact

Approximately located. Dashed where approximately located in southwest quarter of map.



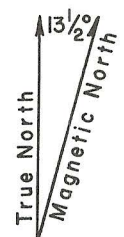
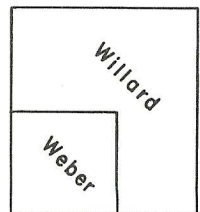
Fault

Dashed where approximately located or inferred. D, downthrown side; U, upthrown side.

\* Quaternary basaltic cones, necks, and craters.

Base from Salt Lake quadrangle of New Mexico State Highway Department.

Geology mapped in 1956. Geologic cartography by E. S. Holman.



Approximate mean declination, 1952

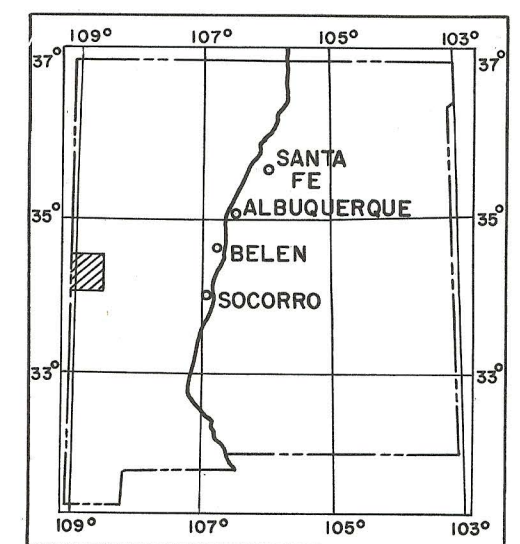
RECONNAISSANCE GEOLOGIC MAP  
OF  
CAÑON LARGO THIRTY-MINUTE QUADRANGLE

By Max E. Willard and Robert H. Weber

Scale: 1:126,720



1958



INDEX MAP  
OF  
NEW MEXICO