



- EXPLANATION**
- SEDIMENTARY ROCKS**
- Q Alluvium and loess deposits (Only the larger areas shown, limits indefinite)
  - T Sand, gravel, and caliche (Pliocene?) and Santa Fe formation (Miocene and Pliocene), partly overlain by Quaternary alluvium and talus
  - Kmt Montana group (sandstone and shale), overlain by Galisteo sandstone (Tertiary?) near longitude 106°
  - Kt Timpa limestone and Apishapa shale
  - Kcl Carilite shale Colorado group undivided
  - Kgh Greenhorn limestone
  - Kg Graneros shale
  - Kd Dakota sandstone, underlain in places by Purgatoire formation (Lower Cretaceous?)
  - J Morrison formation (Cretaceous?), To-dito limestone (including gypsum member at top west of longitude 106°), and Wingo sandstone
  - R Red sandstone and shale
  - S Santa Rosa sandstone, and underlying red shale which may be Lower Triassic
  - Cc Chupadera formation (Massive gray sandstone, limestone, red shale, and argillaceous)
  - Ca Abo sandstone
  - Cmg Magdalena group
  - G Granite, schist, and quartzite
- IGNEOUS ROCKS**
- bb Basalt (Lava flows and dikes)
  - mp Monzonite, porphyry, etc. (Intrusive)
- Other symbols:**
- - - Fault
  - ⊗ Mine

Topography from U. S. G. S. maps of Albuquerque, San Pedro, Lamy, Santa Clara, Santa Fe, Bernal, Las Vegas, Watrous, and Corazon quadrangles. Manzano Mountains, mainly from forestry maps. Other area south of latitude 35° from observations by N. H. Darton. Township and land grant lines approximated from Land Office maps with a few field adjustments.

**GEOLOGIC RECONNAISSANCE MAP OF NORTH-CENTRAL NEW MEXICO**  
By N. H. Darton

Scale 250000

Contour interval 200 feet.  
Datum is mean sea level.

1929