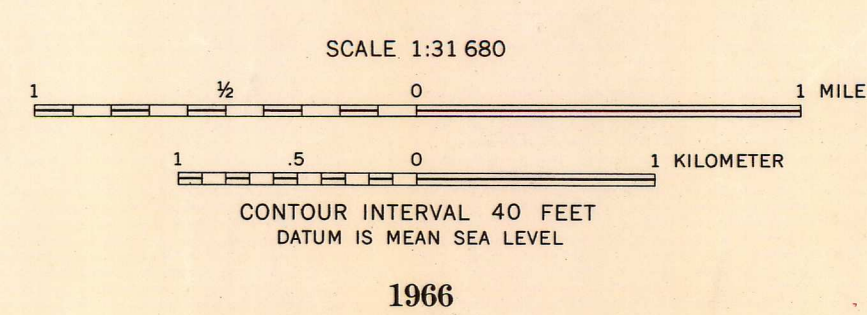


EXPLANATION

- QUATERNARY**
  - Qal Alluvium
  - Qm Terrace gravels
  - Qob, older flows; Qov, slightly younger flows distributed along prominent north-trending faults; Qvc, volcanic cones and surrounding ash-covered areas; cinder cones are shown by hachures
  - Qba Basalt flows and volcanic ash
- TERTIARY**
  - Td Diabase dikes
  - U Unconformity
  - San Andres Limestone
  - Glorieta Sandstone
  - Yozo Formation
  - Alto Formation
- PERMIAN**
  - Biotite granite
  - Syncline
  - Diorite and monzonite dikes
  - Hornblende, gabbro and intrusive basalt
  - Metarhyolite
  - Porphyritic apatite
  - Dioctite apatite
- PRECAMBRIAN**
  - Porphyritic granite
  - Apatite granite
  - Dioctite granite
  - Quartz monzonite gneiss
  - Quartzite
  - Hornblende gneiss and associated rocks
  - Injection gneiss
  - Quartz-biotite gneiss
  - Biotite schist
  - Contact
  - Fault, showing dip
  - Shear zone
  - Strike and dip of beds
  - Strike and dip of overturned beds
  - Strike and dip of foliation
  - Strike and dip of foliation and plunge of lineation
  - Fluorspar veins showing dip
  - Altered rock containing disseminated hematite
  - Disseminated pyrite
  - Shaft
  - Portal of adit
  - Open cut
  - Copper prospect

GEOLOGIC MAP AND SECTIONS OF THE ZUNI MOUNTAINS FLUORSPAR DISTRICT  
VALENCIA COUNTY, NEW MEXICO

By  
Edwin N. Goddard



New Mexico (Zuni Mountains fluorspar area). Geol. 1:31,680, 1966.

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Geologic mapping by E. N. Goddard assisted by C. N. Butler, J. B. Hickey, and G. C. Tappin, 1964-66; and additional mine mapping in 1962 assisted by S. W. Wallace  
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