

LEGEND

IGNEOUS ROCKS  
(continued)

ruin granite

Ruin granite  
(granite or biotite-granite, extensive batholithic mass underlying the northern part of the quadrangle)

Schultz granite

Schultz granite  
(extensive batholithic mass of granite or biotite-granite, intrusive in Pinal schist in west-central part of quadrangle, associated with granite porphyry)

Solitude granite

Solitude granite  
(granite and muscovite granite, intrusive mass in Pinal schist)

Madera diorite

Madera diorite  
(quartz mica diorite, extensive batholithic mass intrusive in Pinal schist in southern portion of the quadrangle)

Known faults

Concealed faults

Probable faults

Sections

Stippled and dip of stratified rocks

Horizontal beds

Dip of fault planes

Strike and dip of schistose cleavage

Strike of vertical schistose cleavage

Mines

Prospects

LEGEND

Quaternary

Landslides

Sedimentary rocks

Alluvium

Gila conglomerate

Whitetail formation

Globe limestone

Apache group

Pinal schist

Igneous rocks

Basalt

Dacite

Diorite-porphry

Diabase

Metadiabase

Willow Spring granite

Lost Gulch monzonite

Quaternary

Tertiary

Devonian and Carboniferous

Cambrian

Pre-Cambrian

Quaternary

Tertiary

Triassic, Jurassic, or Cretaceous

Pre-Cambrian

Quaternary

Tertiary

Devonian and Carboniferous

Cambrian

Pre-Cambrian

Quaternary

Tertiary

Devonian and Carboniferous

Cambrian

Pre-Cambrian

Quaternary

Tertiary

Devonian and Carboniferous

Cambrian

Pre-Cambrian

Quaternary

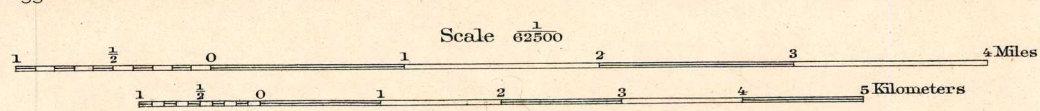
Tertiary

Devonian and Carboniferous

Cambrian

Pre-Cambrian

E. M. Douglas, Geographer in charge.  
Triangulation by A. H. Thompson.  
Topography by W. J. Lloyd.  
Surveyed in 1900-1901.



Contour interval 50 feet.  
Datum to mean sea level.  
Edition of Mar. 1904.

DIAGRAM OF TOWNSHIP

|                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1                 | 2                 | 3                 | 4                 | 5                 | 6                 | 7                 | 8                 | 9                 | 10                | 11                | 12                |
| 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 | 18 17 16 15 14 13 |
| 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 | 30 29 28 27 26 25 |
| 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 | 31 30 29 28 27 26 |

Geology by F. L. Ransome.  
Assisted by J. D. Irving.  
Surveyed in 1901 and 1902.