Geologic Map of the Southern Dragoon Mountains, Cochise County, Arizona

Santa Fe Pacific Mining, Inc.

Carson A. Richardson, compiler

Arizona Geological Survey

September 2020

Map Unit Descriptions

Quaternary

- Qal — **Quaternary Alluvium** - Alluvial deposits

Tertiary

- Tsv — **S-V Volcanics** - Volcanic rocks
- Tp — **Quartz Felsite Porphyry** - Quartz Felsite Porphyry
- Tsg — **Stronghold Granite** - Stronghold Granite
- Tsd — **Stronghold dikes** - Stronghold dikes
- Tfb — **Fault breccia** - Fault breccia

Late Cretaceous - Early Tertiary

- TKsl — **Sugarloaf Volcanics** - Volcanic rocks

Cretaceous

- Ka — **Andesite** - Andesite
- Kb — **Bisbee Group** - Bisbee Group
- Kgc — **Glance Conglomerate** - Glance Conglomerate

Jurassic

- Jrg — **Gleeson Quartz Monzonite** - Gleeson Quartz Monzonite
- Jtg — **Turquoise Granite** - Turquoise Granite
- Jrc — **Copper Belle Monzonite Porphyry** - Monzonite Porphyry

Permian

- Pc — **Colina Limestone** - Colina Limestone
- Ph — **Horquila Limestone** - Horquila Limestone
- Pb — **Black Prince Limestone** - Black Prince Limestone from Keith and Barrett, 1976)

Mississippian

- Me — **Escabrosa Limestone** - Escabrosa Limestone

Devonian

- Dm — **Martin Limestone** - Martin Limestone

Cambiran

- Ca — **Abrigo Formation** - Abrigo Formation
- Cb — **Bolsa Quartzite** - Bolsa Quartzite

Precambrian

- Pcg — **Granite** - Precambrian granite
- Pcp — **Pinal Schist** - Pinal Schist

Paleozoic

- PAL — **Paleozoic rocks, undifferentiated** - Undifferentiated paleozoic rocks

Symbols and Lines

- Bedding
- Bedding, vertical
- Bedding, overturned
- Bedding Inclined, approximate
- Drill Hole
- Contact, accurate
- Contact, approximate
- Fault, accurate
- Fault, approximate
- Thrust fault, accurate
- Thrust fault, approximate
- Key bed, concealed
- Fault, concealed
- Quartz-Sericite-Limonite veins, accurate

Arizona Geological Survey
1955 East Sixth Street, PO Box 210184
Tucson, AZ 85721
(520) 621-2470
ww.azgs.arizona.edu

THE UNIVERSITY OF ARIZONA

SCALE 1:12,000

0 0.5 1 2 Miles

1 0.5 0 1 Kilometers

0 1000 2000 3000 4000 5000 Feet

CONTOUR INTERVAL 40 FEET

Approximate mean declination, 2020

TRUE NORTH
MAGNETIC NORTH
9.7°

Topographic base map derived from the Cochise USGS topographic quadrangle map originally with NAD27 datum. Reprojected to UTM NAD83 datum (zone 12) using iGage All Topo Maps V9. UTM NAD 83 grid and lat-lon markers produced using ESRI ArcMap v. 10.6.