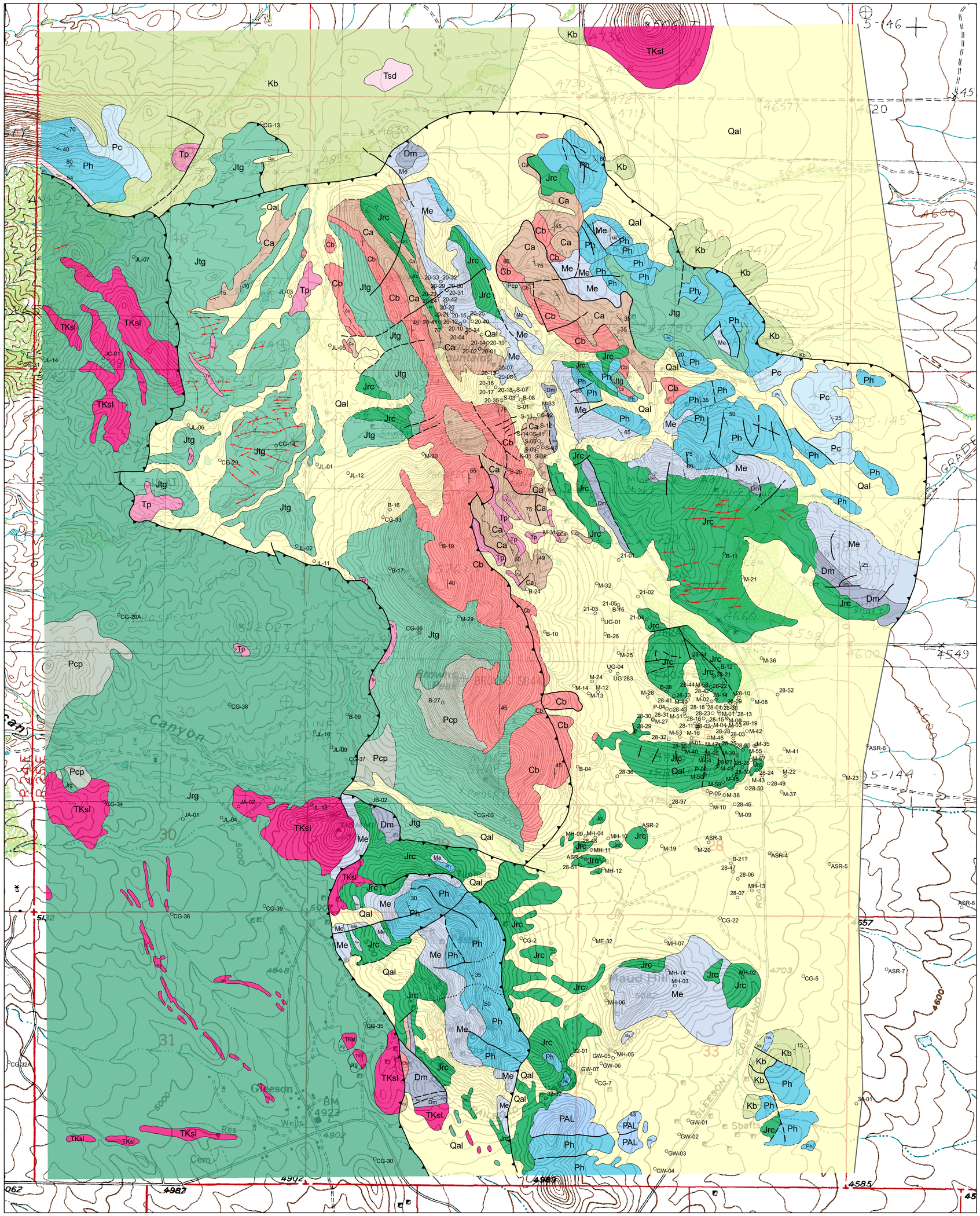
Geologic Map of the Southern Dragoon Mountains, Cochise County, Arizona

Santa Fe Pacific Mining, Inc.

Carson A. Richardson, compiler

Arizona Geological Survey

September 2020



Map Unit Descriptions

Quaternary

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

Tertiary

- Tp — **Quartz Felsite Porphyry** - Quartz Felsite Porphyry
- Tsd — **Stronghold dikes** - Stronghold dikes

Late Cretaceous - Early Tertiary

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

Cretaceous

- Kb — **Bisbee Group** - Bisbee Group

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

Mississippian

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

Devonian

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

Cambiran

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

Precambrian

- Pcp — **Pinal Schist** - Pinal Schist

Paleozoic

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

SCALE 1:12,000

0 0.25 0.5 1 Miles

0.55 0.275 0 0.55 Kilometers

0 500 1000 1500 2000 2500 Feet

CONTOUR INTERVAL 40 FEET

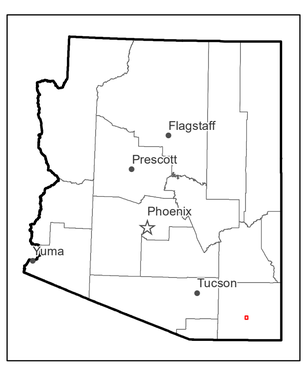
TRUE NORTH
MAGNETIC NORTH
9.7°

Approximate mean declination, 2020

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.

Symbols and Lines

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



Location of map area

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