

## Gunnison County

### Goose Creek District

The Goose Creek District is in the Gateview quadrangle on the western end of the Gunnison Gold Belt (the **Gunnison District** of this compilation). The district was recognized by Henderson (1926) and Vanderwilt (1947). Vanderwilt referred to it also as the **Madera District** for the town of Madera on the Lake Fork of the Gunnison River. Mindat.org (2015) includes much of the area to the east within the Goose Creek District.

The Goose Creek District is therefore considered to be a subdistrict of the Gunnison District, with deposits typical of that geology. For details of the Gunnison District mineralization and geology, refer to Drobek (1981), Hedlund and Olson (1975, 1981), Olson and Hedlund (1973) and Sheridan et al. (1981). Here, we consider the thorium deposits to constitute the Powderhorn District, so the Powderhorn and the Goose Creek Districts overlap.

Mines listed in the district (mindat.org; Dunn, 2003) include:

- [Adair Group](#)
- [American Flag Shaft](#)
- [Anaconda Mine](#)
- [Carpenter](#)
- [Champion Shaft Occurrence](#)
- [Copper King Mine](#)
- [Dubois Mine](#)
- [Goose Creek](#)
- [Gunnison Mine](#)
- [Headlight Mine](#)
- [Ironcap Mine](#)
- [Jeanie No. 2 Claim](#)
- [Jeanie No. 6 Claim](#)
- [Lady in Red No. 5 Claim](#)
- [Lady in Red Shaft Occurrence](#)
- [Little Johnnie Mine](#)
- [Lucretia Mine](#)
- [May Queen Mine](#)
- [Midland Mine](#)
- [Mrs. Roberts Deeded Land Occurrence](#)
- [Rare Earth Mining Company](#)
- [Red Rock Claim](#)
- [White Iron Mine](#)
- [Whitney Prospect](#)
- [Yukon Mine](#)

Minerals listed in the district (mindat.org) include:

<a href="#">Actinolite</a>	<a href="#">'Bastnäsité'</a>	<a href="#">Gahnite</a>
<a href="#">Aegirine</a>	<a href="#">Brookite</a>	<a href="#">Galena</a>
<a href="#">Albite</a>	<a href="#">Calcite</a>	<a href="#">'Garnet'</a>
<a href="#">Allophane</a>	<a href="#">Chalcopyrite</a>	<a href="#">Goethite</a>
<a href="#">Almandine</a>	<a href="#">'Chlorite Group'</a>	<a href="#">Gold</a>
<a href="#">Ankerite</a>	<a href="#">Clinzoisite</a>	<a href="#">Hematite var: Specularite</a>
<a href="#">'Apatite'</a>	<a href="#">Cordierite</a>	<a href="#">Hydroxylapatite</a>
<a href="#">Arsenopyrite</a>	<a href="#">Dolomite</a>	<a href="#">var: Carbonate-rich</a>
<a href="#">Augite</a>	<a href="#">Epidote</a>	<a href="#">Hydroxylapatite</a>
<a href="#">Barite</a>	<a href="#">Fluorite</a>	<a href="#">'K Feldspar'</a>

'Limonite'	Pyrite	Tetrahedrite
Magnetite	Pyrolusite	Thorite
Malachite	Quartz var: Jasper	'Tourmaline'
'Monazite'	Rutile	Tremolite
Muscovite var: Sericite	'Serpentine Group'	Vanadinite
'Olivine'	Siderite	Xenotime-(Y)
Orthoclase	Sphalerite	
'Psilomelane'	'Synchysite'	

#### References:

Drobek, P.A. 1981. Proterozoic Syngenetic Massive Sulfide Deposits in the Gunnison Gold Belt, Colorado *in* Epis, R.C. and Callendar, J.F. Western Slope of Colorado. New Mexico Geological Society 32nd Annual Conference Guidebook, University of New Mexico, Albuquerque, New Mexico.

Dunn, Lisa. 2003. Colorado Mining Districts: A Reference. Colorado School of Mines, Golden, Colorado.

Hedlund, D.C. and Olson, J.C. 1975. Geologic map of the Powderhorn quadrangle, Gunnison and Saguache Counties, Colorado. U.S. Geological Survey Geologic Quadrangle Map GQ-1178. Map Scale 1:24,000.

Hedlund, D.C. and Olson, J.C. 1981. Precambrian Geology Along Parts of the Gunnison Uplift of Southwestern Colorado *in* Epis, R.C. and Callendar, J.F. Western Slope of Colorado. New Mexico Geological Society 32nd Annual Conference Guidebook, University of New Mexico, Albuquerque, New Mexico.

Henderson, C.W. 1926. Mining in Colorado, a history of discovery, development and production. U.S. Geological Survey Professional Paper 138.

Olson, J.C., and Hedlund, D.C. 1973. Geologic map of the Gateview quadrangle, Gunnison County, Colorado. U.S. Geological Survey Geologic Quadrangle Map GQ-1071. Map Scale 1:24,000.

Sheridan, D.M., Raymond, W.H., and Cox, L.J. 1981. Precambrian Sulfide Deposits in the Gunnison Region, Colorado *in* Epis, R.C. and Callendar, J.F. Western Slope of Colorado. New Mexico Geological Society 32nd Annual Conference Guidebook, University of New Mexico, Albuquerque, New Mexico.

Vanderwilt, John W. 1947. Mineral Resources of Colorado. Colorado Mineral Resources Board, Denver, Colorado.

[www.mindat.org](http://www.mindat.org), accessed August 2015.