

San Juan County

Animas District

The Animas District was listed by Henderson (1926) as synonymous with the **Putnam District**. Dunn (2003) delineates the district as occupying both sides of the Animas River valley northeast of Silverton, reaching two miles above Howardsville where it abuts the Eureka District. However, Varnes (1947) in Vanderwilt (1947) describes the Animas District as the mineralized area south and east of Silverton in a belt several miles wide on the rim of the Silverton Caldera. It has also been referred to as the **Silverton District**.

Gold was discovered in Arrastra Gulch in the early 1870s, but the area didn't boom until the 1880s. Development was aided by the railroad which came to Silverton in 1882. The district was a major producer into the 1950s and produced gold and silver placers in the 1930s.

The geology is predominately pyroxene andesites within the caldera. Productive veins extend to the south rim of the caldera. Secondary fractures are concentric to the caldera structure, intersecting the radial fractures. Several different mineralization types are present (Varnes, 1947; 1963).

The town of Howardsville (aka Bullion City) supplied both the Animas and the Eureka Districts.

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

- [Alice Cary lode](#)
- [Bowery Mine](#)
- [Cleaveland Consolidated](#)
- [Cunningham Gulch](#)
 - [Green Mountain Mine](#)
 - [Highland Mary Mine](#)
 - [Keystone mine](#)
 - [Lower Highland Mary Mine](#)
 - [Osceola Mine \(Osceola-Pride\)](#)
 - [Pride of the West Mine](#)
 - [Unnamed prospect](#)
- [Dakota Occurrence](#)
- [Deadwood Gulch](#)
- [Diamond mine \(Emblem lode\)](#)
- [Dives](#)
- [Empire - Mascot](#)
- [Esmeralda](#)
- [Galena Mountain Group](#)
- [Genoa Claim](#)
- [Gold Lake](#)
- [Gold Nugget](#)
- [Green Mountain](#)
- [Hamlet Mine](#)
- [Hematite Gulch](#)
 - [Rochester mine](#)
- [Hermes Group](#)
- [Howardsville](#)
 - [Canby Mountain](#)
 - [Antiperiodic Mine](#)
 - [Galena Mountain](#)
 - [Gary Owens Mine](#)
 - [Neigold claim](#)
 - [Neigold group](#)
 - [Old Hundred Mine](#)
 - [Ridgway Mine](#)
 - [Ruby Mine](#)
 - [King Solomon Mountain](#)
 - [Big Giant Mine](#)
 - [Philadelphia Mine](#)
 - [Royal Charter-Little Nation lode](#)
 - [Maggie Gulch occurrence](#)
- [Idaho Mine](#)

- Ione Mine
- Irene Group
- King
- Kittie Mac Mine
- Liberty Bond Creek Occurrence
- Little Fanney
- Little Giant Basin
 - Gold Lake Mine
 - North Star (King Solomon)
- Little Giant Peak
 - Buckeye Mine
 - Little Giant Mine
 - Mountaineer Mine (Lookout)
 - North Pole Mine
 - Royal Tiger Mine
 - Shenandoah Mine
- Little Maud Occurrence
- Mabel Group (Mable1931)
- Maxwell
- Mayflower Mine
- Molas Creek
- Silverton
 - Anvil Mountain
 - Anvil Mountain South occurrence
 - Coming Wonder Mine (Emerald Mine)
 - Delano Mine (Jer Bar Mine)
 - Mayday Mine
 - Porcupine lode occurrence
 - Saratoga Mine
 - Victoria Mine
 - Arrastra Basin
 - Hazelton Mountain
 - Aspen Mine (Legal Tender Mine)
 - Ayman Mine
 - Happy Jack Mine
 - Red Anvil occurrence
 - Valley Forge group
 - Ideal placer
 - Kendall Mountain
 - Argentine Mine
 - Clara Mine
- Kendall group
- Lackawanna Mine (Osceola Mine)
- Marcella Mine (Marcello Mine)
- Mighty Monarch occurrence
- Mystery group (Fairview; Champion Mine)
- Scranton Mine
- Round Mountain
 - Iowa Mine
 - New York Mine
 - Round Mountain Mine
 - Silver Lake group
 - Silver Lake Mine
 - Titusville Mine (Columbia; Mighty Monarch)
- Storm Peak area
 - Cement Creek Bog Iron Mine
- Sultan Mountain
 - Ajax Mine (Hercules Mine)
 - Alethea group
 - Belcer Mine (Belcher)
 - Blue Jay Mine
 - Dora Mine (Little Dora; Hercules; Empire Group)
 - Empire group
 - Hawkeye Mine
 - Hercules occurrence
 - Jennie Parker Mine
 - King group (King-United; Mohawk; Fairview; Harmon)
 - Mineral Creek Mine
 - North Star Mine (Sultan Mine; North Star-Sultan)
 - Pittsburg tunnel
 - Ricker group
 - Senior Warden Mine
 - Silverheel occurrence
 - Sultan Mountain occurrence
 - Thunder Tunnel Mine
- Stony Pass Mine
- Terrible
- Trilby Group
- Unity Tunnel

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

Acanthite	Epidote	Posnjakite
'Alaskaite'	Ferrimolybdate	Proustite
Amphibole Supergroup	Fluorite	'Psilomelane'
var: Uralite	Freibergite	Pyrite
Anglesite	Galena	Pyrolusite
Aragonite	var: Argentiferous Galena	Pyroxmangite
Atacamite	'Garnet'	Quartz
Aurichalcite	Goethite	var: Amethyst
Azurite	Gold	var: Rock Crystal
Baryte	Gypsum	Rhodochrosite
Bismuthinite	Hematite var: Specularite	Rhodonite
Bornite	Hübnerite	Sanidine
Boulangerite	Jamesonite	Serpierite
Brochantite	Jarosite	Siderite
Calaverite	Lillianite	Silver
Calcite	'Limonite'	Sphalerite
Cerussite	Linarite	Stibnite
Chalcoalumite	Malachite	Sylvanite
Chalcopyrite	Marcasite	Tennantite
'Chert'	Molybdenite	Tenorite
'Chlorite Group'	Monticellite	Tetrahedrite
Chrysocolla	Muscovite var: Sericite	Tremolite
Clinozoisite	'Ochre'	Tungstite
Copper	Osarizawaite	Vesuvianite
Covellite	Pearceite	'Wad'
Digenite	Petzite	'Wolframite'
Diopside	Plumbojarosite	Wollastonite
Dolomite	Polybasite	Zunyite

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www.mindat.org, accessed January 2016.