

## Clear Creek County

### **Lawson-Dumont-Fall River District** (includes **Montana District**, **Coral District**, & **Mill Creek District**)

The **Lawson-Dumont-Fall River District**, mentioned above with the **Idaho Springs District**, is considered together by Hawley and Moore (1967). Surrounding present-day Interstate 70 about 5 miles west of the town of Idaho Springs, this area also includes the districts of **Coral** and **Mill Creek**.

Placer deposits at the junction of Fall River and Clear Creek initiated the activity in the area in 1859, followed shortly by the discovery of oxidized veins near Dumont. Although little history was recorded, production was limited until the Blackhawk smelter was built in 1868. Silver was also discovered in the 1870's at Lawson; however, little production has occurred since 1900. The geology and mineralization of the district is similar to others in the county. The basic units were defined by Hawley and Moore from the earlier work of Spurr et al. (1908) and Lovering and Goddard (1950). Two types of veins occur: polymetallic veins of sphalerite-pyrite-chalcopyrite-galena and tennantite, and quartz-pyrite-gold veins occupy fissures and fractures in the Precambrian metasediments of the Idaho Springs Formation. Both Boulder Creek Granite and Silver Plume Granite intrude the metasediments. Less abundant than in other districts nearby, the Tertiary dikes and small stocks of porphyries occur across the area. These range in composition from hornblende granodiorite to biotite granodiorite, quartz monzonite, latite, trachyte and bostonite. An additional reference is Bastin and Hill (1917).

Mines listed in the district (Hawley and Moore, 1967; mindat.org) include:

- Accord
- Alfred Whitney
- Alma-Lincoln
- American Sisters Mine
- Andrew Lowe
- Anna B.
- Annamosa (Alamosa)
- Anoka County
- Anon Mines
- Avalanche Shaft
- B & I No. 1
- Becky Sharp
- Belgian Hare
- Bellview - Hudson
- Big Dipper
- Black Earth Shaft
- Black Squirrel
- Blind
- Blue Bird
- Blue Ridge Tunnel
- Boat
- Boreas
- Braun
- Bullion King (Mayflower)
- Caddo
- Capitol Shaft - Senator Vein
- Cardigan Group
- Cardwell
- Cash
- Casino Shaft
- Chance
- Christina
- Clear Creek & Gilpen (Specht; Monarch; Silver King; Hiawatha; Syndicate; Sound; Mackay; Freeland; California; Torry; Ruby)
- Clear Creek Gold
- Cleveland Tunnel - Silverwing
- Collom
- Colomin

- Commonwealth Shaft
- Cooper
- Corbett
- Crystal
- Daniel Peters
- Design
- Dexter (Dexter Tunnel)
- Dierks
- Donaldson Group
  - Centurion
  - Champion Dirt
  - Kelly Tunnel No. 4
  - Little Albert Tunnel No. 5
  - Little Champion (Megalona)
- Dover
- Dumont Placer
- Eagen
- Eclipse
- Edgar Extension
- Edward Shaft
- Edward Tunnel
- Elida (American Eagle; Lincoln; Ohio Bell; Climax; Capitol; Senator; Blue Ridge; Mayflower; Cymric; Hamilton; Andrew Lowe; East Murray Crosscut; 4-C)
- Ella Tunnel
- Elliott & Barber 1 & 2
- England
- Equinox Shaft
- Esmeralda
- Estrella Tunnel
- European
- Extension No. 2
- F & C
- Fairfield Tunnel
- Fairmount (Shafter)
- Fairview
- Falu Shaft
- Florence
- Ford Hill
- Fortune
- Foxhall
- Freeland Tunnel (McClelland Tunnel)
- French Flag
- Gem Consolidated
- German Tunnel
- Geyser
- Giant Warrior Shaft
- Gillespie Group
- Gilt Edge
- Golconda Mine
- Gold Bullion Shaft
- Gold Glen (Golden Glen Tunnel)
- Gold Medal
- Gold Pit
- Golden Calf Shaft
- Golden Rule
- Grass Valley
- Gum Tree Mine - Shaft & Tunnel
- Harpoon
- Heliotrope Tunnel
- Hidden Diamond
- Highlander
- Honest John
- Hoosac
- Horn Lode
- Houston
- Idaho Bride
- Ingram
- Iron King
- J.A.M.
- Jessica
- Joe Reynolds (Elida)
- Jones Placer
- Joseph A. Horn
- Josephine Shaft & Tunnel
- Jumbo Tunnel
- K.K.K.
- Keast Tunnel
- Kennedy Group
- King Cyrus
- Kobold
- La Clide
- Lake West
- Lalla
- Lawrence L.
- Legal Tender
- Lena

- Lily
- Lincoln
- Little Boss
- Little Giant Mine
- Little Ute
- London Tunnel West
- Lone Star
- Lucky Find
- Lucky Gold
- Lucky Strike Group
- M. and E. adit
- MAB
- Mackay Tunnel
- Madison
- Major C. and Little Colonial
- Manhattan Shaft
- Marguerite B
- Martha Parks
- Mary D. Raymond
- Mary Mine
- Mattie
- May Queen
- McMickle
- Mendic
- Mendick Tunnel
- Merrimac Tunnel
- Metals Tunnel
- Mix Prospect
- Monarch
- Monitor Shaft
- Morgan Shaft & Tunnel
- Mount Etna Tunnel
- Mount Vesuvius Tunnel
- Murray mine
- Murry Mine
- Nabob Mine (Silver Belt; Baltic; Last Chance; Walt Stemple)
- Neglected
- Neptune
- New Bedford
- New Century
- New Era Placer
- New Hope
- North America
- Ocean Queen
- Ohio
- Ohio Belle
- Old Settler Mine & Tunnel
- Old Stag Tunnel
- Oneida Tunnel
- Orphan
- Orvetta and Little Ruby Tunnel
- Park Group
- Parker Placer
- Patton
- Peabody (Robineau Occurrence)
- Phillips Occurrence (Silver King; Lee; Fireman and Conductors; Fanny; Golden Eagle; Albro)
- Phoenix Shaft
- Potosi
- Pride of the Rock
- Queen Elizabeth
- Rainbow
- Range Line Tunnel
- Raymond P. Heon
- Red Elephant group (Boulder Nest Mine; Free American Mine; St. James Mine; Tabor Mine; White Mine)
- Red Lion
- Refuge
- Refugee Group
- Remington
- Renshaw - Miller
- Renshaw - Mosher
- Rising Sun
- Roote Ranch
- Royal Ann
- Schley
- Senator Tunnel
- Shakespeare
- Sherman Shaft
- Silent Friend
- Silver Cycle
- Silver Gem
- Silver Jim
- Silver King Tunnel
- Silver Spruce

- Squaw
- St. George
- Startle Tunnel
- Stephens Placer
- Sunshine Tunnel
- Sweet Home
- Syndicate Tunnel Eastern
- Syndicate Tunnel Western
- Syracuse
- Tamasoa
- Teller Tunnel
- Theobald Placer
- Tigris
- Toledo Mine - Toledo Tunnel (Henaley Shaft; Schneider Shaft; Oliver Shaft; Schenk Shaft; Cork Shaft)
- Tolland County
- Torpedo
- Trisha Lee Tunnel
- Tropic Shaft
- Tunnel Lode No. 3
- Two Sisters Mine
- Tyson
- Union Tunnel
- Virginia Canyon area
  - Diamond Joe Tunnel
  - Jennie Lind Tunnel No. 1
  - Red Jacket
  - Schaftner Mine
- Ward
- Whale Mine
- Wilbur
- Wyoming Valley Tunnel
- Yellow Metals & Fortune
- Yukon Girl

Minerals listed in the district (Hawley and Moore, 1967; mindat.org) include:

Acanthite	Dolomite	Polybasite-Pearceite
Aikinite	Dumontite	Posnjakite
'Allanite'	Enargite	Proustite
Anglesite	Epsomite	Pyrrargyrite
Ankerite	'Feldspar Group'	Pyrite
Aragonite	Ferberite	Pyrolusite
Argentite	Fluorite	Quartz var: Amethyst,
Autunite	Galena	Chalcedony, Rose Quartz
Azurite	Gold	Rhodochrosite
Baryte	Hematite	Schröckingerite
Bayleyite	Hessite	Serpierite
'Biotite'	'Hornblende'	Siderite
Bornite	Kasolite	Sillimanite
Calcite	'Limonite'	Silver
Cerargite	Magnetite	Sphalerite
Cerussite	Malachite	Stromeyerite
Chalcanthite	Marcasite	Tennantite
Chalcocite	Metatorbernite	Tetrahedrite
Chalcophanite	Molybdenite	Torbernite
Chalcopyrite	Muscovite var: Sericite	Uraninite var: Pitchblende
Chlorargyrite	Niccolite	Uranophane
Chrysocolla	Pararammsbergite	'Uvite'
Covellite	Pearceite	Zippeite

References:

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Spurr, J.E., Garrey, G.H. and Ball, S.H. 1908. Economic Geology of the Georgetown Quadrangle (Together with the Empire District), Colorado. With General Geology. U.S. Geological Survey Professional Paper 63.

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