

Clear Creek County

Dailey District (aka Jones Pass District)

The Dailey District lies at the western end of Clear Creek County near the head of the West Fork of Clear Creek at Jones Pass. Vanderwilt (1947) also refers to it as the **Atlantic District** and Lovering and Goddard (1950) as the **Jones Pass District**. An additional reference is Dunn (2003).

Vanderwilt (Ibid) describes it as characterized by small veins with lead, zinc and some silver in Precambrian granite. Lovering and Goddard (Ibid) note that the Urad Mine on Red Mountain had produced some molybdenum, but the overall output of the district was small. Veins outside the Urad Mine gave a hint to something, with sphalerite, galena, pyrite, and silver minerals.

About fifteen years after the classic publication by Lovering and Goddard, AMAX Inc. discovered the huge Henderson ore body which has been producing molybdenum since 1976. This porphyry molybdenum deposit is a world class resource, with over a billion pounds of molybdenum mined.

Mines listed in the district (mindat.org; Lovering and Goddard, 1950) include:

- [Bobtail mine](#)
- [Doctor Mine](#)¹
- [Henderson Mine](#)
- [Jean Mine](#)
- [Jury](#)
- [Puzzler Vein](#)¹
- [Ready Cash mine](#)¹
- [Red Mountain Deposit](#)
- [Scotia Vein](#)¹
- [Scott Tunnel](#)¹
- [Urad mine](#)¹
- [Wyoming](#)

Note: ¹Indicates the mine is discussed in detail in Lovering and Goddard (Ibid).

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

Aeschnite-(Ce)	Fluocerite-(Ce)	'Monazite'
Aeschnite-(Y)	Fluorannite	Muscovite var: Sericite
Andradite	Fluorapatite	Pyrite
Baryte	Fluorite	Pyrrhotite
'Biotite'	Fluorophlogopite	Quartz
Brannerite	Galena	Rhodochrosite
Calcite	'Garnet'	Rutile var: Ilmenorutile
Cassiterite	Gypsum	Spessartine
Chalcopyrite	Hematite	Sphalerite
Chrysoberyl	Hübnerite	Thorite
'Columbite'	Ixiolite	Topaz
Columbite-(Fe)	Jarosite	Uraninite
Columbite-(Mn)	'K Feldspar'	'Wolframite'
Creedite	Magnetite	Xenotime-(Y)
Ferrimolybdate	Molybdenite	Zircon

References:

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

Lovering, T.S. and Goddard, E.N. 1950. Geology and ore deposits of the Front Range, Colorado. U.S. Geological Survey Professional Paper 223.

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

www.mindat.org, accessed July 2015.