

Fremont County

Currant Creek District

Dunn (2003) notes that the Currant Creek District is listed in the original references - Hill (1912) and Henderson (1926). Vanderwilt lists occurrence of zinc, copper, lead, gold and silver in Precambrian granite. No production was reported (Vanderwilt (1947), although the district is listed as a "past producer" on the Minerals Resource Data System, presumably from U.S. Bureau of Mines records.

The geology of the Currant Creek District is similar to that of other nearby districts that form a group extending northwest from the Wet Mountains into Park County. The districts include the Greenhorn and Grape Creek and the Black Mountain and Guffey Districts of Fremont and southern Park County. They occur in Precambrian gneisses and schists, with some younger intrusives.

Heinrich (1981) discussed many of the recorded claims through that area. He cites the Fremont County occurrences as tungsten-bearing skarns of the Guffey - Tallahassee Creek areas. He lists the Four Claim Group and Venture No. 1 Claim and also the Isabel Mine. The deposits are lenticular, tabular or podiform. Scheelite occurs in calc-silicate or cordierite-anthophyllite gneisses or amphibolites. Since then, these rocks have been interpreted as metamorphosed marine sequences that include mineralized volcanic exhalatives and associated shallow intrusives (e.g. Sheridan and Raymond, 1984).

The Venture and Four Claim Group are described by Heinrich as skarns with a complex mineralogy. Minerals identified by Heinrich include the following:

[quartz](#) [grossular garnet](#) [scheelite](#) [diopside](#) [epidote](#) [tremolite](#)
[calcite](#) [apatite](#) [sphene](#) [chlorite](#) [clinozoisite](#) [zoisite](#)
[thulite](#)

This Isabel is characterized as a copper-zinc skarn with the additional minerals sphalerite, galena, chalcocite, actinolite and gahnite, typical of other Precambrian deposits (such as those in the Cleora, Grape Creek, Pearl, Turret, Cotopaxi Districts, among others.) The Isabel was described as a significant producer of zinc in the early part of the 20th century (Lovering and Goddard, 1950).

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- Currant Creek Area
 - [Charlene No. 1 Claim \(Charlene Nos 2\)](#)
 - [Dicks Creek](#)
 - [Four Claim Group](#)
 - Isabel Mine
 - [Venture No. 1 Claim](#)

References:

[Mineral Resource Data System \(MRDS\) - Online Spatial Data - Currant Creek](#)

Dunn, Lisa (2003) Colorado Mining Districts: A Reference; Colorado School of Mines, Golden, CO.

Heinrich, E. W., 1981, Precambrian Tungsten and Copper-Zinc Skarn Deposits of South-Central Colorado; Colorado Geological Survey Resource Series 21.

Henderson, Charles W. 1926, Mining in Colorado: A History of Discovery, Development, and Production; U.S. Geological Survey Professional Paper 138.

Hill, J.M., 1912, The Mining Districts of the Western United States; U.S. Geological Survey Bulletin 507.

Lovering, T.S. and Goddard, E.N., 1950, Geology and Ore Deposits of the Front Range, Colorado; U.S.G.S. Professional Paper 223.