

NBMG OFR 83-11

See also 83-12

For geochemical results. RAILROAD SPRINGS DISTRICT

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Item 3

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The Railroad Springs district covers a small area in and around Railroad Pass in the western Palmetto Mountains. It is immediately east of and actually overlaps the Palmetto district. The Lida district is to the south. Mines in each of these districts are sometimes included in any one of the others, and the district boundaries are in no way definite or clear. According to Lincoln, (1923) small lots of copper ore and of silver-gold ore were shipped from properties in the district around 1908. Lincoln mentions several mine names, but none of the names can be matched with current names or locations within the district. The main concentration of mines and prospects is located just west of Railroad Pass and about two miles south Clayton Ridge. This area is probably the location of the mines producing in 1908. There was activity here at the Imperial (Helen) mine in the 1930's, and the area had been freshly staked when visited in 1982. To the east of Railroad Pass about 4 miles, an isolated group of prospects are located on the eastern tip of the Palmetto Mountains, and a few other prospects are scattered to the southwest along the trend of the mountain prong.

According to Lincoln (1923) the district includes gold, silver, and copper-bearing veins in limestone and shale that have been intruded by diorite dikes.

At the Big Three mine, in the western part of the district, east of the old Imperial mine, copper, lead, zinc, silver mineralization occurs in vein quartz in an altered zone in silicified, brecciated quartzite and limestone of the Cambrian Poleta Formation. A manganese mine occurs just east of the Big Three.

The Joshua claim area on the east end of the district contains showings of copper mineralization in brecciated quartz veins near the contact of thinly bedded limestones of the Cambrian Emigrant Formation with Tertiary granitic rocks and dikes (Quade, 1982).

The Railroad Springs district was being explored in 1982 by several companies, one of which was Energy Resources of Golden, Colorado.

REFERENCES - Railroad Springs district

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