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Item 17

A DESCRIPTION OF GROUPS OF PATENTED
MINING CLAIMS OF SPECIAL MERIT OWNED BY THE COUNTIES

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The data sheets on certain groups of county-owned patented mining claims that show special merit in the writer's opinion have been grouped together, being selected for special description from the general file compiled in the last half of 1939. For the purpose of reference and the mention of special merits, they are grouped into counties and then numbered.

Each data sheet contains as far as possible the following information: County, Mining District, Name of Claims, Mineral Survey Number, Former Owner, ~~Survey Location~~ District, and a general description of the Geology and Mineralization, and the following descriptions will serve to identify the ground and give the favorable features.

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MINERAL COUNTY

Sheets 20-24. Guardian #1, Tip Top Galena, Tip Top #2 and Silver Guardian claims formerly owned by the Sorosis Fruit Co. These claims are situated in the Santa Fe District near the crest of the range and about $5\frac{1}{2}$ miles east of 207 Luning.

Copper Mtn., Copper King, Copper Queen, Coon, Cobre, Copper Chief, Caledonia, Cyclone, Delaware, Erabus, Green Stone, Granite, Montana, Butte, Nevada, Ojuela, Pluto, Rhyolite, Baby, Denver, St. Eleno, (Midas, Fidus, and Athenia) claims formerly owned by the Calavada Copper Co. These claims are located in the Santa Fe District about 7 miles N. E. of Luning and about $10\frac{1}{2}$ miles by road from the same place.

Long Shot, Cypress, (Mayflower) claims formerly owned by Ray R. Reed ^{and Nevada Pacific M. Co.} ~~are located in the Santa Fe District near the crest of the range and about $5\frac{1}{2}$ miles east of Luning.~~ ^{in the vicinity of those formerly owned by the Calavada Copper Co.}

This district was active during the high price of copper caused by the World War stimulus. The copper smelter at Thompson was operating and small lots of selected copper ore were shipped there for treatment.

Contact metamorphic replacement deposits are numerous in this district and in places small bodies of copper ore have been mined from these zones.

Scheelite often occurs associated with garnet and epidote, the more common contact metamorphic minerals, so this area should be carefully prospected for this mineral and for bodies of secondary enriched copper ore.