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Item 16

NAME OF PROPERTY

Copper Chief Mine (formerly The Ruby Hill)

Clair W. Dutton et al, 1145 Westminister Avenue,  
Alhambra, California - owner

LOCATION

In Pine Nut Range, 16 miles southeast of Gardnerville, Douglas County,  
Nevada - Township 11 North - Range 12 East.

GEOLOGY

Exposed rocks are argillite, quartzite, quartz-monzonite, and andesite. Copper carbonate occurs in shear zones, largely in the andesite. It occurs in fracture and joint planes in the sheared rock. Shear zones discontinuous, but occur en-echelon in general N. 10° W. course - average width of ore bodies is about 20 feet.

DESCRIPTION OF PROPERTY

It comprises 22 unpatented claims. Development consists of a shaft 185 feet deep, with 3300 feet of drifts and cross-cuts from 3 levels. Churn drilling to a depth of 800 feet has been reported but no data is of record. The malachite ores are the result of oxidation of chalcopyrite "in situ", without the formation of secondary chalcocite. The average copper content of the bulk of the ore is estimated at from 2.0 to 2.5% Cu with possible ore reserves of 450,000 tons.

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