

3850 0014

NAME OF PROPERTY

Copper Chief Mine (formerly The Ruby Hill)

Clair W. Dunton et al, 1145 Westminster Avenue,
Alhambra, California - owner

Douglas Co.
Item 7

LOCATION

In Pine Nut Range, 16 miles southeast of Gardnerville, Douglas County,
Nevada - Township 11 North - Range ~~22~~ East.

21 or 22?

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 re-
serves of 450,000 tons.

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