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The following file is part of the G. M. Colvocoresses Mining Collection

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BIG PINE MINE

Notes by G. M. Colvocoresses

March, 1938.

Visited July 22, 1914, and went over workings with C. H. Duming who was then in charge.

Upper tunnel is driven at elevation of 7100' in Bradshaw Mts., short distance from Senator Highway,- turn off to right beyond Wolf Creek.

Country is granite and granodiorite with dykes of diorite and quartz filling in the fissures. Vein is in a fissure with diorite on the foot wall and width 5'. Duming says that one ore shoot 125' long will assay \$13.00 in gold (old price) and carries copper sulphates. Ore requires cyanide treatment.

Strike of vein is N. 50° E and dips to southeast. This is some 800' below the summit of Mt. Tuttle.

About 50' below and to the east the vein is proved up by cross-cuts and has a width of 2-3' and assay of \$4.00 per ton.

Near the portal of this tunnel there is a 30' shaft which is said to show some good ore and farther north and down the slope there are cross-cuts and a drift on the vein 150' long in which the ore carries about \$3.00 per ton. Other adits show lenses and pockets of ore with values up to \$10.00 but much of the ore is low grade.

In the lower workings the vein shows up strong and carries some free gold and galena is to be noted. Dunning hopes to develop a large tonnage of \$9.00 ore and thinks his mining and milling costs should not exceed \$3.00 (which is too low) and expects a 90% recovery in cyanide mill: Showing did not make a favorable impression.

* * * * *

At later date a 150 ton mill was built but operations, were conducted at a loss and mill was junked.

In 1936, the Bradshaw Co. took this over and shipped a little \$6.00 and \$7.00 ore (at present prices) from the old fills and by mining some of the old pillars in the stopes but Prince told me that they could never find any high grade ore & the future outlook seemed poor.

I think that the mine is probably worthless except perhaps for small operations by lessees.

G.M.C.

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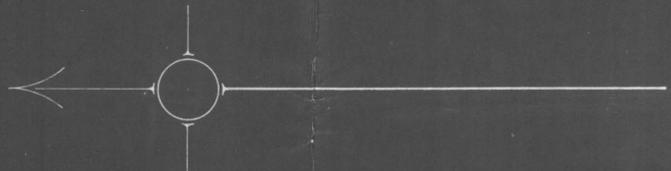
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G.M.C.



PROPERTY OF
BIG PINE MINING CO.
 Hassayampa Mining District,
 Yavapai County, Arizona.
 Scale 1 in. = 200'

*Below
 the
 ground*

Butcher Co.