

Mercury Co.
Cuba, Nevada

Suggestions and Recommendations on Prelomo Mercury Property,
Mineral County, Nevada. **ITEM 28**

Introduction

At the suggestion of Messrs. Chas. Green and Mr. P. Moore the writer visited the Prelomo Mercury property located 8 miles NW of Ebasco Nevada for the purpose of making a preliminary examination and offering such recommendations as he could for the course of future development work.

General Description of Property.

The Prelomo Mercury Property is essentially a prospect or might be described as a small production because of the fact that it has had a small past production. This production possibly 25 to 30 flashes has come from a very small proportion of the ore removed owing to the fact that only a single small piece of ore was had, which necessitated a charge of only rich ore. The bulk of the material removed ~~is from~~ which was thrown on the dump is from all appearances a fair grade of ore or especially under present prices and there is apparently many times as much ore in the dump than has been recorded in the ore treated. The survey was made by exact bearings on slopes and dumps, but if the width between 50 lines might be taken treated which yield 2000 lbs. or 5000 of value under present prices, and that there is in the dump ~~probably~~ this would mean 2% or ^{more} to the return. In fact there is probably 1500 ~~amounts~~ ^{amounts} of the dump which should average 500 and contain 7500 lbs of mercury having a ^{recoverable value} ~~value~~ under present prices of better than \$15000. - If a few assays that are being made a better idea will be had of this phase of the picture; and with a careful measuring of dump material one can readily obtain a fairly good idea of what its value is but also what the average value of ore was that was mined in the past.

It is therefore suggested that the Prelomo Mercury property should be developed to its full potential.

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Large dump near middle shaft 75' long	.17	=	3.4 lbs.
ilumps from around on iron shack tunnel	.30		6.0 lbs.
on slope of iron shack tunnel	.38		7.6 lbs.
Middle shaft stopes + $\frac{1}{2}$ " 65% .25 = 5'			4.9 lbs.
- $\frac{1}{2}$ 35% .23 4.6'			
			<hr/> 5 lbs.

Average of stopes & dumps should be approximately 5 lbs.

50 tons @ 40 lbs.	2000 lbs.
1500 " @ 5 lbs.	7500 "
	<hr/> 9500
1550 " @ 6.1 lbs.	

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August 20, 1940.

Proelomo Mercury Co., Inc.

817 Roosevelt Bldg.,

Los Angeles, Calif.

Account of Services and Expenses of A. H. Heller
to and including August 20, 1940.....\$75.00

(The above does not include a bill for draughting
which you will receive from Calif. Map and Blue print Co.,
or for transit rental of \$3.00 which I would like you to
send direct to Hess Lumber Co. Bishop, Calif.

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

(02)

SYMBOLS

DL = Day Letter
NE = Overnight Telegram
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R. B. WHITE
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

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BE80 8 COLLECT XC=BISHOP CALIF 18 825A

10 SEP 18 AM 10 06

A HELLER=

C 200

650 SO GRAND ST LOSA=

MILLED SMITHS ORE YESTERDAY. FINISH IT TODAY=

H O JOHANSON=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

Mr. Chas. Green

1854.2
August 1, 1940

Page 2.

could not have been driven its present length for less than \$2500 and an additional \$1500 would have been necessary to reach and partially explore the main orebody, if it existed at this depth.

With the work already done, there is only one way to proceed in the matter, and that is to continue the present adit level. However, I would suggest that this should only be done under contract, and you will then know exactly what it is going to cost. By the time arrangements can be made to contract the additional work to determine whether or not this is a mine, a \$1000 to \$1500 investment would be necessary to bring this matter to a conclusion.

One is biting off a lot when one explores at 50 to 100 foot intervals by long adits in any quicksilver property. If you remember at the Rinconada levels were at 25 foot intervals, and none were connected with the surface until the continuation to such depth had been previously established.

No one can say as to the size or extent of the orebody which may exist on this mine. As far as possibilities are concerned, if the ore extends to the adit level, you may have between the retort level fissure and the east workings a total of \$5,000 tons of between 5 and 10 lb. ore, and there are additional more remote possibilities as indicated by surface showings that this orebody may continue to the southwest where many times this amount of ore may exist, because proceeding in that direction, one obtains additional backs to the adit level. As a whole I would say that the normal expectancy, if the surface values extend to this depth without changing and without any additional extensions over that so far proved at the surface, that one would have here about 7500 tons of 6 lb. ore. The outside figures on possibilities, excluding extensions, would be 15,000 tons of 10 lb. ore. Were it not for the presence of the free sulphur at the glory hole, below which one can usually find better enrichments of cinnibar, I would have never recommended the continuation of the present adit.

Mr. Moore had contacted a practical miner, who seems capable of handling a contract for future work. It happens that there are a number of surface showings, or at least interesting places on the surface which should be opened up, which can be done by one man at small expense. These points are along the trail east of the iron shack; the continuation of the 80° fissure in the most northerly works, which is indicated by a slight draw on the surface; the original discovery pit; a certain area of oxidized formation east of the road junction leading to the compressor; the fissure below the clay gouge at the adit portal; and possibly 10 to 20 feet of crosscutting in the adit level. All of the surface work can be carried out by one man in a weeks time. It was suggested that this miner do this work, during which time he can size up the

August 1, 1940

Mr. Chas. Green,
9470 Santa Monica Blvd.,
Los Angeles, California.

Dear Charles:

I visited the Proclonio property last Friday, the 26th, and again Monday, at which time development had proceeded on the bend I suggested for a distance of about 40 feet, where a turn is being made towards the main orebody.. Since turning to the left the formation immediately became softer and at the present face a great deal of the formation can be picked down without blasting. They are now in the soft white siliceous tuffa, which is the ore-bearing material, and should be able to proceed with ease, which would have been almost impossible, or at least very expensive, in the hard rock which they were working in before I suggested turning.

At approximately 35 feet from the face on Monday. you should contact the south wall of the main orebody and within another 25 feet you should reach the north or hanging wall, which are the present limits of possible ore. In the interim, while making the next 35 feet, there are possibilities of obtaining small quantities of high grade ore along the retort level slip. If no ore is obtained in crossing the 25 feet of main orebody fissure, it would immediately cut down the chances of having a substantial orebody to this depth, but one could not at that time be assured as to whether or not this prospect would still make a mine to or below this depth. One should then drift (preferably along the hanging wall of this zone) north-easterly for a distance of 140 feet. However, at about 80 feet on this drift, one should strike the iron shack level fissure and at this point cross cut along this fissure a distance of 25 feet. If no substantial bodies or ore have been developed by this time, the project should be abandoned.

It is possibly beside the point as to whether or not I would have originally recommended this property for development especially in the way that development work has been undertaken. When I originally looked at this mine a few years ago, I believed it warranted the expenditure of \$1000 to \$1500 by drifting at the glory hole on the main shear zone and more fully following out the leads on the iron shack level, and also in possibly sinking some distance on this level. After having spent say \$1000 in this way, one would have had a good idea as to whether or not it would have been worth while to proceed further and invest another \$5000 to develop the property to the point where it would warrant a small furnace.

Quite a big bite was undertaken, however, when the present adit level was started, and, even with contract work, the adit

Mr. Chas. Green

August 1, 1940

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present work, and give a bid on continuing the work on a contract basis.

One of the most serious conditions outside of air supply at the property today, is the lack of ventilation. To put an air raise through is expensive and not justified until such time as one can raise in ore. The only other means of continuing work would be by installing a blower, the cost of which is nominal and which should be attended to at once if it is the desire to continue this work.

Yours very truly,

A. H. HELLER

AHH:cgm

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