

TROJAN EXPLORATION

Memorandum of telephone conversation with Dr. Kidd, Dr. Richardson and Mr. Stronach, December 1st, 1955.

DR. KIDD

Indications are that Trojan lies in a strong general structure. Trojan is bounded on the north by Jackson Basin, the Bethlehem property (A.S. & R. Option) lies two miles to the south.

Copper mineralization is widespread and shows a minimum width of 100 ft. and a length of at least 1000 ft. The mineralization occurs with the brecciated zone in granite.

Surface mineralization is completely secondary (malacite). In this secondary material grades of up to 10% may be obtained.

There is one trench containing a fairly large proportion of primary chalcopyrite mineralization which shows for approximately 30' along the length of the trench and gives a grade of 1 $\frac{1}{4}$ % copper.

The Bethlehem property has shown grades in secondary material of  $\frac{1}{2}$  -  $\frac{3}{4}$  of 1% copper for a length (or width) of 800 ft.

It is Dr. Kidd's opinion that from surface indications the Trojan should have a higher grade than the Bethlehem.

It is Dr. Kidd's opinion that the secondary values on the Trojan are of ore grade.

The secondary zone at the Bethlehem extend to a depth of between 100 ft. and 125 ft. and the presumption is that the secondary zone at Trojan would be similar.

It is Dr. Kidd's opinion that more development is fully warranted; and that no exploration Company could leave this property without spending \$50,000. to obtain additional information.

Dr. Paul Richardson

Dr. Richardson repeated the information given by Dr. Kidd. He also stated that in his opinion the brecciated condition was much stronger on the Trojan than on the Bethlehem and there was a distinct possibility that this might make for a higher grade.

He could draw no parallel with Granby as there was not such a deep secondary zone at Copper Mountain.

Mr. Stronach

Mr. Stronach stated that he agreed with what Dr. Kidd and Dr. Richardson had said.

He feels that the Trojan looks better than the Bethlehem where he understands A. S. & R. went for \$250,000. firm.

His hope would be that the primary ore might show  $1\frac{1}{4}\%$  copper in which case the grade of ore at the mine would be in the neighbourhood of \$4.20 using 90% recovery and 10% dilution and .30¢ copper and a stiff Smelter contract. This figure was worked out in collaboration with Dr. Kidd.

Mr. Stronach thought that time would be required and that he might work along the following

\$50,000. firm.

At the end of the first year 900,000 shares @ .60¢

" " " " " second " 1,000,000 shares @ .75¢

" " " " " third " 1,000,000 shares @\$1.00

To put a total in the Treasury of \$2,240,000. for approximately a 60% interest.

Bethlehem are drilling with NX ~~for~~( $2\frac{1}{2}$ " ) core which is costing them \$25. per foot at cost plus.

Jackson Basin are drilling underground with AX core and getting approximately no recovery.

Mr. Stronach feels that churn drilling might be the answer in which case we would try to arrange to have Paul Richardson visit Miami to learn the technics.

Trojan have spent \$25,000. to \$35,000. and have \$50,000. in the Treasury.

Don McLean who is in charge of work at the property is well known to Dr. Kidd and was very frank in his explanation of what they have been doing, etc., etc.

Taking the show as they saw it, 100' wide and 1000' long, we would expect 5000 tons minimum per vertical foot or enough ore for a 2000 ton per day operation.

Note: Mr. Stronach's staying in room 421 at the Vancouver Hotel.

JBR:mc

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