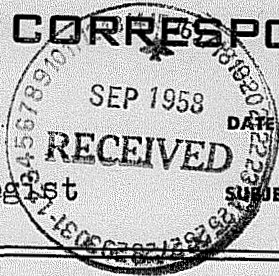


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INTER-OFFICE CORRESPONDENCE

FROM.....Rod Macrae.....
TO.....E. O. Chisholm, Chief Geologist.....
DATE Sept 12th, 1958
SUBJECT Carbon Hill Cls



A	✓
W.S.R.	✓
R.I.B.	✓
E.O.C.	✓
H.A.P.	✓
R.D.S.	
B.C.E.	
G.P.R.	
E.L.D.	
J.K.	

MESSAGE
(TO BE COMPLETED IN TRIPLICATE)

Grizzly-Dorothy-Frankie Mcs (Old Becker / Cochran stibnite property)

History: The occurrence of rich stibnite veins was established in the ~~1910s~~ in this area by the first stakers, Becker & Cochran. At an early date prospecting located numerous similiar vein type deposits generally 0.5 ft in width up to 4.0 ft. This showing ^{IN THE AREA} is similiar to the others in strike & attitude, is less continuous judged by exposures, has about average width, does not carry gold and/or silver values similiar to other showings: is distinctive in that it occurs in a very strong shear zone in altered volcanics, overlying a granite.

Development: Other than work that has been covered by erosion, development has consisted of one open cut and a narrow tunnel timbered for 35 ft and extending on the vein for distance of 90 ft from the portal set. Over the exposed length of the tunnel there is a continuous vein of stibnite that varies from 2.0 to 3.0 ft in width in a grafitite shear zone that is in places 10 ft or better in width. That it is not much wider (the shear) is indicated by the manner in which the walls of the adit have withstood the erosion action of water and ice. One puzzling factor is the fact the vein drift was stopped with the face in 2.5 ft of mineral of average grade of shipping ore at prices commended by antimony ores in the period prior and during the first world war. Along the vein, the shear is soft and loose and would introduce ^{EXCESSIVE} dilution as a factor in mining.

Ore making possibilities: If the factor of \$40.00 ore at present prices is taken as one of several criteria in estimating the the mine - making possibilities of this showing, at 15 cent per pound prices, the current price, a grade in the ground of at least twenty percent, allowing for an excessive dilution factor would be necessary to secure an operating profit. Sampling by myself and others suggests this showing does not have more than a 16% grade across a width of 2.5 ft. Samples taken by others indicate across a width of 6.0 ft the grade averages 4.7 % Sb.

The possibility of developing 100,000 tons at reason able costs are poor, the widths of minimum grade being too narrow.

Continuity of the strong shear zone was not established in the E.M. survey conducted. It is possible overburden may have masked the influence of the shear zone as a conductor but it is not likely.

INSTRUCTIONS FOR USE OF THIS FORM

Form to be completed in triplicate by originator. Two copies - No. 1 and No. 2 - to be forwarded to addressee. Copy No. 3 to be retained in originator's file until reply received. Addressee to complete reply in duplicate on reverse side of sheets 1 and 2 and return No. 1 to originator. In following this procedure both parties have the complete message and reply on one sheet of paper.

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TO

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.2.

Accessibility: The property is readily accessible both for preliminary development and operation of a mine. Suitable access road for development exists to within four miles of the showing. It could be completed for less than \$1,000.00 per mile. Drilling water is not readily available, and drilling with a packsack drill would be difficult though with an experienced operator could be conducted at a probable cost of \$10.00 per ft.

Summary:

This property is not recommended for further development at present prices of antimony. It is realized that the fluctuation of demand and price, as a consequence might, warrant re-rating of this deposit. It certainly cannot reach the classification of a high grade-low-cost possible operation on the evidence of exposures available at the present time.

Disposition:

It is recommended that the area known as the Wheaton area of the Yukon should be the subject of a thorough research with the object of examining the known showings for their gold and silver content. If as a result of this work a property is placed under development in the area of these claims, one or more drill holes to test the showing at depth might be completed

Roderick Macrae

Roderick Macrae P.Eng
Field Emgr

Ecc - It would appear that no more expense should be incurred in connection with this property.

WSR Sept 17/58

INTER-OFFICE CORRESPONDENCE

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