

REPORT
on the
REISETER PROPERTY
SMITHERS, B.C.
for TASEKO MINES LTD.

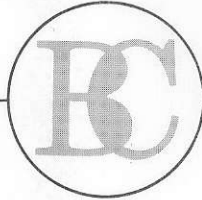
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by:

W.R. Bacon, Ph.D., P.Eng.

January ¹⁰~~7~~ 1972.



BACON & CROWHURST LTD.

1720-1055 West Hastings Street
Vancouver 1, B.C.

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REISETER PROPERTY
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W.R. BACON, Ph.D, P.Eng.

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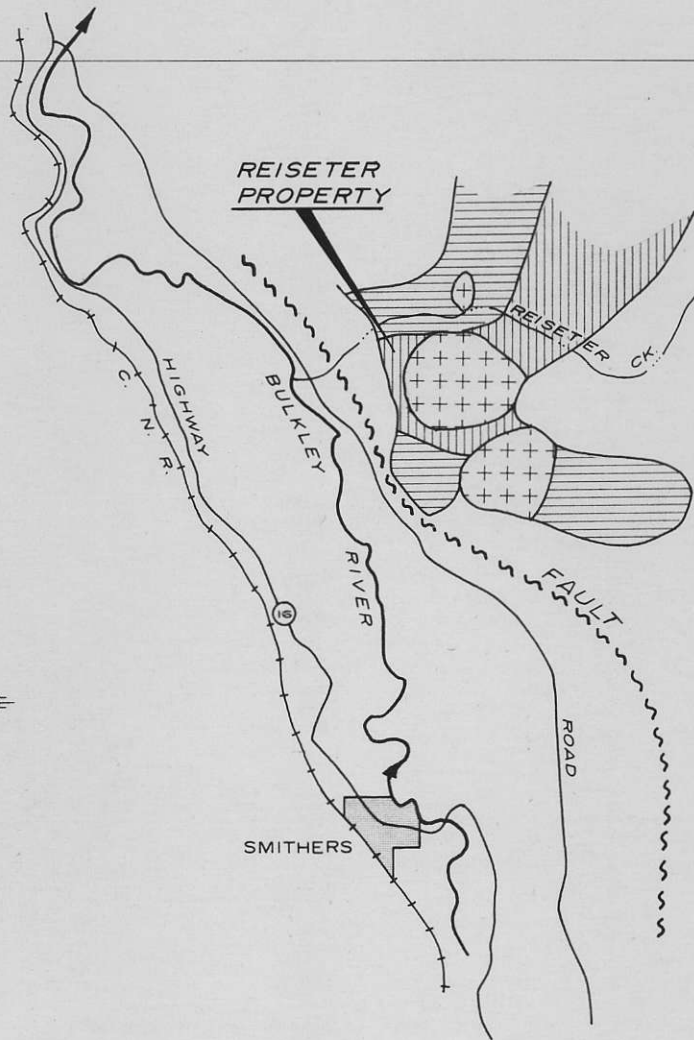
January 10th, 1972.

55° 00'

55° 00'

127° 00'

127° 00'



LEGEND



GRANITE



BASALT, ANDESITE



CLASTIC SEDIMENTS

BACON & CROWHURST LTD.

MAP SHOWING LOCATION
OF
REISETTER PROPERTY

SMITHERS AREA, B.C.

SCALE: 1" = 4 Miles

Nov., 1970

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INTRODUCTION

The Reisetser property was examined on November 4th, 1970. Consisting of the 12 Reisetser claims, Nos. 1-12, staked in 1957 by Antony Mesich of Smithers, it is 9½ miles due north of Smithers. It is on the south side of Reisetser Creek, a creek that flows southwesterly into Bulkley River.

The property may be reached by 14½ miles of road from Smithers; the last 2 miles are good bush road.

Elevations on the property range from 2700 feet to 3200 feet above sea level. Slopes are moderate and the area is forest covered. Overburden is generally shallow but extensive; outcrop probably comprises less than one per cent of the total surface area.

GEOLOGY

The property is underlain by hornfels that occurs on the west flank of a granitic stock. At an elevation of approximately 3000 feet, a profusion of quartz monzonite dykes occurs, averaging about 20 feet in width. Some molybdenite and chalcopyrite occur on fractures and quartz veinlets in both the sediments and the dykes.

The extensive development of hornfels suggests that the granite, outcropping to the east, underlies the sediments at a relatively shallow depth, i.e. the hornfels-granite contact dips flatly westwards on the Reisetser ground.

In addition to the chalcopyrite-molybdenite showings there are a number of narrow veins below and to the northwest of these showings. There are in fact six northeasterly striking, southeasterly dipping veins that contain varying amounts of stibnite, pyrite, pyrrhotite, arsenopyrite, sphalerite and galena. Brecciation is a feature of these fissure veins that have a maximum width of 2½ feet and have been traced on surface for hundreds of feet. Stibnite-rich pods are present in which silver values are low, generally less than 1 oz. per ton.

In 1970, 21 tons of stibnite ore containing 13,893 lbs. of antimony were hand cobbled from the Reisetser. These veins have been sampled on various occasions including 1965 by Silver Standard Mines Ltd. and in 1970 by Alrae Engineering Ltd. on behalf of a client.

The emphasis to date has been placed on the antimony potential of the property. In the opinion of the writer, this is an error in judgment and the major attention should be directed toward determination of the molybdenum-copper potential.

RECOMMENDATION

The writer recommends that the Reisetser property be considered primarily for its 'porphyry' potential and that a program of work be initiated accordingly. Such a program would involve linecutting to establish a grid that would provide control for soil, magnetometer and induced polarization surveys. Promising anomalies should be trenched by tractor and provision should be made for eventual drilling.

COST ESTIMATE

Linecutting, 12 line miles @ \$150/mile (lines at 400' intervals)	\$1,800
Magnetometer survey	400
Soil survey (200' spacing on grid lines)	
Collecting 300 samples	350
Analyses for copper, molybdenum	510
Induced polarization survey	6,000
Tractor trenching (1 month)	10,000
Diamond drilling (BQ wireline - 3000 feet @ \$12/ft.)	<u>36,000</u>
	\$55,060
Contingencies, 10%	<u>5,506</u>
	<u>\$60,566</u>

Respectfully submitted,

BACON & CROWHURST LTD.



W.R. Bacon, Ph.D, P.Eng.

CERTIFICATE

I, William R. Bacon, with business address at
1720 - 1055 W. Hastings St., Vancouver, 1, British Columbia,
DO HEREBY CERTIFY THAT:

1. I am a consulting geological engineer.
2. I am a graduate of the University of British Columbia with B.A.Sc. (1939) and M.A.Sc. (1942) degrees in Geological Engineering.
3. I am a graduate of the University of Toronto with a Ph.D (1952) degree in Economic Geology.
4. I have practised my profession for thirty years in Canada, South America and Australia. During the past twenty years, the majority of my time has been spent in British Columbia; it includes seven years (1949-56) as geologist with the B.C. Department of Mines.
5. I have no interest, direct or indirect, in the Reisetser Property near Smithers, B.C., nor do I expect to acquire any such interest.



W.R. Bacon, Ph.D, P.Eng.

Vancouver, Canada.
January 10th, 1972.