

673172
TAKLA

April 7th, 1969.

Department of Energy, Mines and Resources,
Mines Branch,
555 Booth Street,
Ottawa, 1, Ontario.

Attention: Mr. John Convey

Dear John:

Many thanks for your letter of March 26th concerning your Department coming to the rescue once again - this time re metallurgical test work on Takla Silver Mines ore samples.

We have shipped by truck the surface and underground samples separately, as requested, to the Mines Branch, marked attention Mr. R.W. Bruce. You are correct in assuming that the surface samples are partially oxidized and the underground samples are relatively fresh and clean.

The samples were in four burlap bags, in each of which are three plastic bags of samples (twelve in total). Two burlap bags contain the underground material and two the surface samples.

The individual plastic bag samples are marked as follows:

<u>Sample Tag No.</u>	<u>Description</u>
17051	Bulk sample - Trench #1 - Bag #2.
17052	" " " #2 - Sample #1
17053	" " " #1 - Bag #3
17054	" " - North end of Trench #1 - Bag #1
17055	" " - Trench #2 - Sample #2
17056	" " " #1 - Bag #4
17057	Takla Underground (U.G.) Bag #6
17058	" " - Bulk
17059	" " - Bag #3
17060	" " - Bulk
17061	" " - Bag #4
17062	" " - Bag #5

I am enclosing copies of pages 4 to 8 inclusive of a report written by Dr. Douglas D. Campbell. These pages outline the general

geological setting, formations and structure, ore occurrences, and mineralogy determined during earlier years, and probably will be of some assistance in determining the best metallurgical approach.

The samples submitted to your Department were all taken from the No. 1 Zone (described on page 8) which is the most interesting "lead-zinc-antimony replacement type" vein.

I would suggest that initial work could be done on two composites - one composed of a mixture of the underground samples, and one of the surface samples. More detailed work on individual samples, if deemed advisable, could follow.

May I express my appreciation for the work done in the past by your staff and for your present cooperation concerning this ore.

Best personal regards,

Yours very truly,

BACON & CROWHURST LTD.

J.J. Crowhurst

JJC/ic
Encl.

cc: H.M. Woodrooffe
H.E. Jacques