

July 30, 1964

1046 BIK Synd.

812446

Silver Standard Active In B.C. Prospecting

Silver Standard Mines is carrying on three separate operations in the Stikine River area with top priority given to that of the Scud Syndicate on an 86-claim group immediately east of the highly regarded copper property of Stikine Copper Ltd., the Kennecott subsidiary, on Galore Creek. Detailed geological mapping and a magnetometer survey are being done jointly with American Smelting and Refining Co.

The Racicot Syndicate, in which Silver Standard holds a 30% interest and conducts management, is doing geological mapping, geophysical surveying, stripping and trenching of copper occurrences on its Copper Canyon group, which surrounds the holdings of Southwest Potash Corp. where some 30,000,000 tons of 1% copper is reported to have been indicated.

On Sphaler Creek, work is being done by Kennco Explorations under an agreement with Silver Standard and the BIK Syndicate. This includes geological mapping, trenching, and sampling in preparation for diamond drilling.

Jointly with Asarco, Silver Standard is engaged in general prospecting of five other groups staked earlier this year. The Scud Syndicate has staked a new block of claims on Schaft Creek.

SILVER STANDARD MINES

"The Northern Miner" - June 11, 1964

Silver Standard Likes Stikine Area

The main activity of Silver Standard Mines this year will be directed towards the exploration of 10 claim groups in the Stikine River area in which it holds an interest. But it will also maintain its interest in numerous other properties held both in B.C. and the Yukon, the annual report states.

An agreement has recently been concluded with the American Smelting and Refining Co. which will provide the necessary funds for a program of considerable magnitude designed to explore and assess some of the company's claim group in the Stikine River area. This association with Asarco, one of the largest mining organizations in the world, can be considered a most progressive step, R. W. Wilson, president, states. For an expenditure this year of \$80,000, that company will earn a 45% interest in six groups now held by Silver Standard and in any further claims acquired within a designated joint area.

"It is to be hoped the association will be a continuing one for it provides the highest degree of technical know-how in any undertaking and ensures a source of major capital regardless of the scope of the project," Mr. Wilson adds.

The company will be in a position to create news in many areas during the year. In the important Stikine River area, as well as the large program with Asarco, it will be participating in two further projects. Silver Standard, through its interest in the BIK Syndicate, has an approximate 9% equity in a promising group of claims that will be explored and developed by Kennico Explorations. The work contemplated for the coming season includes at least a small amount of diamond drilling.

Through the Racicot Syndicate the company will participate in a program of geological mapping, geophysical surveys, trenching and sampling on the Syndicate's claim group adjacent to the Copper Canyon deposit under development by Southwest Potash Corp.

Interests Are Widespread

Other sections of British Columbia will not be ignored. Underground exploration continues at Silmonac Mines in the Slocan district and discovery there of mineralization of commercial importance must be considered overdue, the report says.

Some further work will be done at Climax Copper at Princeton, and a new associate company, Hudson Bay Mountain Silver Mines, has been formed to explore and develop high grade silver-lead veins on claims vended by Sil-Van Mines near Smithers, B.C.

"We have reason to believe that a recently acquired copper prospect at Zeballos will respond favorably to testing," Mr. Wilson says. This latter property will be developed in association with Granby Mining Co.

Exploration and administrative expenses

SILVER STANDARD MINES LIMITED
(NON-PERSONAL LIABILITY)

June 8th, 1964.

Mr. Robert F. Shurtz,
Cypress Mines Corporation,
523 Sixth Street West,
Los Angeles, California,
U. S. A.

JUN 10 1964		RETURN TO
TO	FOR REPLY	
	COMMENT	
PWA	KL	WJR
LDC	PJM	LWS
RRG	HTM	RFS
JGH	DPM	WFS
WEH	HM	ART
EMJ	JRO	KKW
	FAR	EW

Dear Mr. Shurtz:

Because you have shown an interest in the work Silver Standard has been doing in mine exploration, I have enclosed, for your perusal, a copy of our most recent Annual Report.

As the report indicates, we have accepted an Underwriting from two prominent Canadian investment firms. Also, we considered it in our best interest to form a partnership with Asarco for the current season's work in the Stikine area.

Yours very truly,

SILVER STANDARD MINES LTD.

A. C. Ritchie.

ACR:fpm
Encl.

1206
Book Case

June 8, 1964

To: Mr. H. T. Mudd ✓
From: Robert F. Shurtz
Subj: Canadian Mines - Silver Standard

Note generous terms given by ASARCO:

Silver Standard Deals With Asarco

Silver Standard Mines, a small but aggressive, B.C.-based company with some big league associates, is adding still another — **American Smelting and Refining**, a major mining complex with worldwide interests.

The company has entered into an agreement with Asarco under which the latter will explore six separate claim groups held by Silver Standard (not included in any syndicate groups) in the Stikine River area of B.C. Asarco will also have first examination of any further claims staked this year by SS in that area, *NA 6/9/64*
The Northern Miner learns.

Under the terms of the agreement, Asarco will advance \$80,000 for the 1964 season's exploration program to earn a 45% interest. Silver Standard can retain its 55% interest by supplying that percentage of costs beyond the \$80,000 figure.

Silver Standard already has very extensive interests around Stikine, locale of Stikine Copper Mines, a potentially large tonnage copper deposit controlled by Kennecott Copper Corp. with minority interests held by Hudson Bay Mining and Smelting and Consolidated Smelters.

"It is generally conceded that Stikine Copper Mines may become the largest mining operation in Canada", R. H. Wilson, Silver Standard's president, told his shareholders recently.

Early this year, Silver Standard staked additional groups in that area. Six of these, a total of 220 claims, were on behalf of the BIK Syndicate for which the company has acted as manager since its inception in 1956. BIK is comprised of Silver Standard (45%), **McIntyre Porcupine** (35%) and **Kerr Addison Mines** (20%). The remaining group, 34 claims, was for the Racicot Syndicate in which Silver Standard, **Canadian Exploration** and the **Keevil Group** are equal partners.


R.F.S.

June 8, 1964

To: Mr. H. T. Mudd
From: Robert F. Shurtz
Subj: Canadian Mines - Silver Standard

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GRANDROY MINES

"The Northern Miner" - June 4, 1964

**Grandroy Makes Deal
With New Jersey Zinc** *by N.J. 6/4/64*

Grandroy Mines, so The Northern Miner hears, has negotiated a deal with New Jersey Zinc Co. whereby the latter undertakes to finance exploration of the Grandroy concession which adjoins north of Leitch Gold Mines holdings in Newfoundland. Under the terms of the deal New Jersey Zinc would finance the project right through to production if warranted and, after repayment of advances, profits would be divided two thirds to New Jersey Zinc and one third to Grandroy. Exploration crews have already started work.

Grandroy also holds a well regarded group of 18 claims in Reid Twp., Timmins area.

Another holding consists of 30 claims in Wilson River area, Northwestern Quebec.

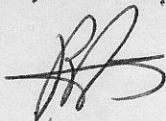
CYPRUS MINES CORP.

From R. F. Shurtz

Date 6/5/64

To _____

~~Too late twice!~~



with
File Silver Std.

JUN 5 1964		RETURN TO
TO		FOR REPLY
		COMMENT
PWA	KL	WJR
LDC	PJM	LWS
RRG	HTM	RFS
JGH	DPM	WFS
WEH	HM	ART
EHJ	JRO	KKW
WKB	FAR	EW

Wire Copy,
June 2, 1964.

VANCOUVER STOCKS

Return to RFS

G.C. Cross,
540 Howe Street
Vancouver, B.C.

By CHWills

SILVER STANDARD MINES LTD.

Silver Standard Mines Ltd. has entered into an agreement with American Smelting & Refining Co. whereby the latter may earn a 45% interest in Standard's six claim groups in the Stikine area of B.C. A.S.&R. will provide \$80,000 for this season's work respective interests of 45 to the major and 55 to Standard may thereafter be maintained by each putting up exploration funds in that proportion. A.S.&R. will manage the operation in co-operation with Wm. Dunn, the Standard geologist who has done many year's work in the area. H.B. Gilleland, manager director of Standard, says an important reason for the move was to ensure a continuing source of capital for a project with a very large potential. He points out that A.S.&R. has had much experience in porphyry copper deposits and has a well qualified technical staff familiar with this type of deposit.

Any property acquired in an area in Stikine 100 miles long and 75 miles wide is to be shared in the same ratio. Not covered is Standard's interest in Kik and Racicot syndicates.

CONS. BUILDING CORP. LTD.

Cons. Building Corp. Ltd. annual report confirming preliminary figures of 55.7¢ a share vs 45.9¢ a share says a substantial increase in house sales and apartment construction is in prospect for the company in the current year.

By RFS 6/5/64

GRANBY'S GRANISLE

Subject to favorable results from technical studies by their experts the Sumitomo and Mitsubishi interests have signed a letter of intent regarding a proposal to help finance Granby's Granisle large low grade copper deposit near Topley, B.C., to production. Of the estimated \$12 million required the Japanese firms would advance \$7½ million to be repaid from earnings.

MOLSON BREWERIES

Molson Breweries will pay 25¢ on A and 25¢ on B on June 26, record June 8.

ROYALITE OIL

Royalite Oil will pay quarterly of 32.8125¢ per share on 5¼% preferred July, record June 8.

Wire Copy,
May 27, 1964.

VANCOUVER STOCKS

JUN 4 1964		RETURN RFS
TO		FOR REPLY
		COMMENT
PWA	KL	WJR
LDC	PJM	LWS
RRG	HTM	RFS ✓
✓ JGH ✓	DPM	WFS
WEH	HM	ART
EHJ	JRO	KKW
✓ WKB ✓	FAR	EW

G. C. Cross,
540 Howe Street,
Vancouver, B.C.

Return to RFS

PATO CONS. GOLD DREDGING LTD.

Cash position of Pato Consolidated Gold Dredging Ltd. is increasing at a good rate with expectation that dividends will be resumed with likelihood of two payments in 1964. The annual meeting in Vancouver was told also by Lewis B. Harder, New York who presided, that first quarter 1964 results were better than the forecast with earnings at \$209,000 equal to six cents per share vs \$55,000 or 2¢ a share in like period 1963. Present reserves, he said, are sufficient for between 15 and 17 years production at the projected level. He expects cash flow for 1964 to be in vicinity of \$1,000,000. Pato shareholders were told that International Mining Corp. holds 65% of Pato's issued shares and is increasing its holdings.

VANMETALS EXPLORATION LTD.

Vanmetals Exploration Ltd. annual meeting was told that work which started early this month on the company's molybdenum prospect near Clearwater on North Thompson River has located additional mineralized showings which project the zone under investigation for a total of 1500 feet. R. B. Stokes, P. Eng., said the showings are well mineralized but that the economics and quantity are not known. Sampling is planned to start in mid-June and the exploration will be extended to higher ground as snow disappears. The meeting was told also that Cominco has retained its option on Vanmetals' Justice Group near Merritt and is now carrying out a magnetometer survey along a contact zone which is covered by heavy overburden. This followed the drilling of four holes last season by Cominco in the area of an I,P anomaly. These holes found no economic mineralization but located the Nicola volcanics at depth.

SILVER STANDARD MINES LTD.

Silver Standard Mines Ltd. reports that Pemberton Securities and Doherty Roadhouse & McCuaig Bros. have exercised their first option being 200,000 treasury shares at 45¢ due Aug. 9, 1964. The next option is on 100,000 shares at 50¢ due Nov. 7, 1964.

B.C. TELEPHONE

B. C. Telephone will pay a quarterly dividend on the common of 60¢ due July 1, record June 16, 1964.

cc: HTM
KL
WEH
JGH
DTS
1206

May 4, 1964

To: Mr. K. K. Welker
From: Robert F. Shurtz
Subject: Silver Standard Mines Limited

Attached hereto you will find the file on Silver Standard Mines Limited which was handed to me upon his departure by Mr. Hansen.

For your information, this matter has been reviewed with Mr. Mudd who expressed an interest in the project either as a partner in the proposed exploration syndicate, or as a purchaser of a portion of Silver Standard. No definite decision was reached although I am preparing an outline of several schemes under which we might participate, either in this venture or in others of similar nature.

In the meantime, Silver Standard has had negotiations in progress with another party for several weeks. I phoned Richie on Thursday of last week and he advised that, while nothing is signed yet, these negotiations are proceeding satisfactorily. Should they be concluded, there will, presumably, be no place in the project for Cyprus Mines. Should they fail, Richie will be in touch with us again.

R.F.S.

RFS:gm
Attchs.

1.
R.S.
4/29/64

1. OBJECTIVE - ESTABLISH CMC IN WESTERN CANADA

- Reasons - Highly mineralized
Relatively unexplored
Geologically favorable for large porphyry coppers.
Politically stable
Near deep water transportation

2. MEANS - PARTICIPATION WITH EXISTING COMPANIES

- Reasons - Established contacts
Existing know-how
Spread risks
Get in above "grass roots."

3. COMPANIES - DESIRED CHARACTERISTICS

- Practical acquisition targets
Good reputation
Good management
Exploration oriented

2.
P.S.
4/29/64

4. SILVER STANDARD MINES LTD.

Management - Bull and Postle say Wilson O.K.

Postle says Gilleland and Dunn good men.

Postle has participated with them

McIntyre, Kerr Addison worked with them.

Financial - Net worth \$700,000 (\$236,000 at cost securities)

Working capital \$85,000

Stock selling at 50¢ 2,800,000 shares issued

700,000 treasury shares

Claims - 220 on which only small prospector's interest is outstanding (11,000 Acres).

Mineralization stated to be present in each of 6 groups.

Five are porphyry copper types

One shear zone with copper-lead-zinc.

SILVER STANDARD MINES LIMITED
(NON-PERSONAL LIABILITY)

April 23, 1964.

Mr. Robert F. Shurtz,
Cyprus Mines Corporation,
523 West Sixth Street,
Los Angeles, California,
U. S. A.

APR 27 1964		RETURN TO
TO		FOR REPLY
		COMMENT
PWA	KL	WJR
LDC	FJM	LWS
RRG	HTM	RFS
JGM	DPM	WFS
WEH	HM	ART
EMJ	JRO	KKW
	FAR	EW

Dear Mr. Shurtz:


We were pleased to have the opportunity to meet you and enjoyed very much the discussion regarding a possible common meeting ground for our companies. We look forward to hearing to what extent Cyprus Mines may be interested, in the event our present negotiations do not produce something definite.

I am somewhat concerned that we may not have made it fully clear that Silver Standard now has a 100% interest, less a small prospector's equity, in the six "new claim groups". This is not in accord with the BIK Syndicate report which you have. Also, not mentioned in the report, but discussed with you, is the Racicot Syndicate group which surrounds Southwest Potash.

The geological map of B.C. which you requested is enclosed.

Yours very truly,

SILVER STANDARD MINES LIMITED


A. C. Ritchie.

ACR:fpm
Encl.



Apr. 16, 1964

Silver Standard In Big League In Stikine Area

Silver Standard Mines, in association with several large mining organizations, now has a very considerable stake in the Stikine River area of B.C. which is the scene of one of this country's largest copper discoveries.

During February, a party under the direction of W. Dunn, Silver Standard's superintendent of exploration, located seven new claim groups in the Stikine-Iskut region of Northwestern B.C. Six of the groups, a total of 220 claims, were staked on behalf of the BIK Syndicate for which Silver Standard has acted as manager since its inception in 1956. BIK is comprised of Silver Standard (45%), McIntyre Porcupine (35%) and Kerr Addison Mines (20%). The remaining claim group, 34 claims, was staked for the Racicot Syndicate in which Silver Standard, Canadian Exploration and the Keevil Group are equal partners.

Although all of the new groups were staked with some prior indication of their importance, the Racicot group is attractive from the point of view of immediate value, R. H. Wilson, president, states in an interim report. The syndicate has almost certainly acquired an extension of Southwest Potash's Copper Canyon property, he points out. This deposit is located 2½ miles east of Stikine Copper Mines and in the same geological environment.

It is generally conceded that Stikine Copper Mines may become the largest mining operation in Canada, the report says. The Copper Canyon deposit has been described as a true porphyry copper with dimensions that suggest a large open pit operation. One source of information states that surface trenching and diamond drilling indicate 30,000,000 tons of 1.0% copper ore, with less than one-third of the known length of mineralized zones tested. The Racicot ground covers a very large part of the syenite stock within which the minerali-

zation occurs, and covers two-thirds of a magnetic anomaly that is apparently related to the intrusive body.

The largest of the BIK Syndicate blocks adjoins Stikine Copper Mines on the east and includes all the intervening ground between Stikine Copper and the Copper Canyon property.

Silver Standard now has a substantial interest in 10 favorably-located claim groups in the general Stikine Copper-Granduc area. Other companies holding ground include Kennecott Copper, Hudson Bay Mining and Smelting, Consolidated Mining & Smelting, Anaconda, Southwest Potash, and Conwest Exploration.

"Like ourselves, Conwest believed it imprudent to delay until spring and have recently located 423 claims in the Stikine area. All this staking has produced a great amount of interest and has caused major mining companies not yet established to investigate possible means of obtaining a foothold. There is every indication that activity this summer will be tremendous," Mr. Wilson says.

April 1, 1964

Mr. A. C. Ritchie
Silver Standard Mines Ltd.
808-602 West Hastings Street
Vancouver, B.C.

Dear Mr. Ritchie:

I have studied the summary description of Silver Standard Mines Ltd. and the Syndicate properties, and it appears that some type of joint arrangement which would be beneficial to both Silver Standard Mines Ltd. and Cyprus Mines Corporation is possible.

Since it is necessary for me to visit Cyprus for a few weeks I have discussed your proposals with Mr. Robert F. Shurtz, our Manager of Special Projects, who will contact you sometime next week for an appointment in your Vancouver office. Mr. Shurtz is planning to visit British Columbia on other business during the week ending April 11th and can discuss joint exploration interests in detail.

Sincerely yours,

J. G. Hansen
Vice President

JGH:nr

cc: Mr. Robert F. Shurtz

Staking Continues In Stikine Area

Silver Standard Mines and its associates in the Racicot Syndicate, which is managed by Silver Standard, continue staking in the Stikine River area. There is plenty of competition in the area, W. St. C. Dunn, exploration manager, tells *The Northern Miner* with **Conwest Exploration** having staked 400 or more claims recently on both north and south borders of the main Kennco Stikine Copper property. The Racicot Syndicate has now staked a group of claims believed to carry an extension of mineralization on the Copper Canyon deposit held by **Southwest Potash Corporation**. Other participants in the Racicot Syndicate are **Magnum Consolidated Mining Co.** and the **Keevil Group**.

In the latest block of 34 claims surrounding the Southwest Potash group, the copper mineralization occurs within an intensively brecciated host rock that has been described variously as a syenite stock or dyke swarm. The stock is roughly two miles in length by a half mile wide and the environment is similar, perhaps identical in Mr. Dunn's interpretation, to that in which the Stikine Copper orebodies are found three miles to the west.

A magnetometer anomaly apparently related to mineralization within the syenite rock occurs within two-thirds of the Racicot claims. The Syndicate believes it has staked some valuable ground and plans a vigorous program of exploration during the coming summer.

Silver Standard is one of a group managed by Wilson Mining Corporation. The company conducted a highly profit-

able silver-lead mining operation at Hazelton, B.C., until 1958 when ore reserves were exhausted. Since that time all efforts have been directed to exploration, out of which came the property now held by Jedway Iron Ore Ltd. Silver Standard now holds 10 claim blocks in the Stikine River area and has staked extensively on Banks Island where a small gold boom is in progress.

MAR 26 1964

PHONE
MUTUAL 3-3093

VANCOUVER OFFICE:
808 - 602 WEST HASTINGS ST.

SILVER STANDARD MINES LIMITED
(NON-PERSONAL LIABILITY)

March 24, 1964.

Mr. J. G. Hansen,
Vice President,
Cyprus Mines Corporation,
523 West Sixth Street,
Los Angeles, California,
U. S. A.

Dear Mr. Hansen:

As suggested in my letter of March 5th, I have enclosed, for your information, a report which summarizes the BIK Syndicate holdings. *See back of file*

Our knowledge of the new groups staked in February is limited. We chose to cover only what we judged to be the best of a large number of mineral occurrences previously noted by our prospectors.

While our men were in the Stikine country, Conwest prospectors were also in there staking a total of 423 claims in three groups--north and south of Stikine Copper and a group adjacent to our Kim claims. All this activity has received considerable publicity and created additional interest in the area.

Our agreement with Kennco for the development of the Kim claims is virtually complete and Kennco has suggested they would do some further work on the Bird claims if a satisfactory agreement can be worked out. Also, we are putting together a \$70,000 program which will be chiefly concerned with a preliminary look at the new claim groups.

How our activities for the coming year will be financed is still very much up in the air. You will appreciate that at this late date we have necessarily had to investigate all the possibilities. Amongst other alternatives, we have had to consider an underwriting, although we have been reluctant to talk to a broker at the currently depressed level of the Silver Standard stock. It is of course difficult to reconcile the idea of an underwriting with the sale of a portion of our assets.

Mr. J. G. Hansen,
Cyprus Mines Corporation,
Los Angeles, California.

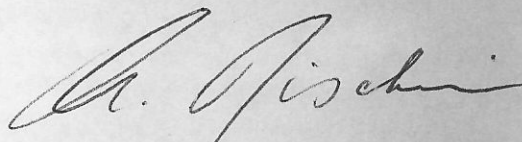
March 24, 1964.

- 2 -

We certainly would not expect your company to enter any agreement without the fullest opportunity to assess what we had to offer. I believe this end could best be achieved if, in any sale of our BIK interests, we adopted some option arrangement. Based on our share of the BIK costs to date, plus some reasonable profit, we would ask \$45,000 for a 15 percent BIK interest, and would negotiate an option or options that would give Cyprus Mines a further 15 percent of the Syndicate.

Yours very truly,

SILVER STANDARD MINES LTD.



A. C. Ritchie.

ACR:fpm

BIK Syndicate Expands Holdings In Stikine Area

Six new claim groups in the Stikine River area of northwestern British Columbia were staked last month for the BIK Syndicate, reports W. St. C. Dunn, exploration manager of Silver Standard Mines which acts as syndicate manager. Silver Standard holds a 45% interest in BIK with McIntyre Porcupine Mines and Kerr Addison Mines holding the balance.

Each of the new groups was staked to cover areas of copper mineralization that had been found while prospecting in previous field seasons. At the time of their original discoveries, the copper-bearing zones were not considered sufficiently attractive by virtue of their apparent limited size and the seemingly poor prospects for improved transportation. The indicated success of Granduc Mines and Stikine Copper Mines (the sizable copper discovery controlled by Kennecott), have made it evident, Mr. Dunn believes, that this portion of British Columbia is destined to become a foremost copper-producing area and has warranted a reappraisal of the known copper occurrences. The new claims will be subjected to an intensive examination during the coming exploration season.

The BIK Syndicate now holds a total of nine groups in the general Stikine-Iskut River area. Six of the claim groups are located within 15 miles of Stikine Copper, including two large groups adjoining east of Stikine Copper.

Prior to the new staking, the Syndicate owned the Bird, E & L, and Kim groups. The Bird claims are east of Schaft Creek and cover an extremely large low grade, copper deposit. The E & L claims were staked on a copper-nickel prospect, 30 miles north of Granduc; limited surface work indicates at least 5,000 tons per vertical foot grading 0.65% copper and 0.70% nickel. The Kim claims are on Sphaler Creek. Mr. Dunn advises negotiations are in progress with a view to assigning this property to a major mining organization for exploration purposes. BIK has approved a substantial exploration program for the 1964 season.

March 12, 1964

Mr. A. C. Ritchie
Silver Standard Mines Ltd.
808-602 West Hastings Street
Vancouver, B.C.

Dear Mr. Ritchie:

Thank you for your letter of March 5th containing specific proposals of possible joint interest between Silver Standard Mines Limited and Cyprus Mines Corporation.

As indicated in my letter of February 25th, we are not presently interested in participating in a general area prospecting program such as you propose, but would appreciate having the opportunity to consider participation with you and your Syndicate partners when the exploration targets are located and defined.

We may also be interested in your proposal of participation in the Syndicate by purchase of one-half of the Silver Standard equity, depending of course, on the price and the potential of the claim groups.

If you would provide us with the general terms of purchase in addition to the summary description of the properties we can then inform you as to our interest.

Sincerely yours,

J. G. Hansen
Vice President

JGH:nr

MAR 9 1964		RETURN TO JGH
TO		FOR REPLY
		COMMENT
PVA	KL	FAR
U	PJM	WJR
G	HIM	LWS
JGM	DFM	WFS
WEH	MM	ART
BHJ	JNO	KKW
		EW

SILVER STANDARD MINES LIMITED
(NON-PERSONAL LIABILITY)

March 5th, 1964.

Mr. J. G. Hansen,
Vice-President,
Cyprus Mines Corporation,
523 West 6th Street,
Los Angeles 14, Calif.,
U. S. A.

Dear Mr. Hansen:

I was pleased to have your letter of February 25th, in which you expressed an interest in acquiring properties in Canada and stated your general exploration policy. Although it is noted your company would not ordinarily participate in a straight prospecting venture, for your information I will outline the form such a project might take. I will then suggest a specific undertaking that could serve to introduce Cyprus Mines to an area capable of producing a property of the magnitude sought by your company.

Silver Standard might conduct an exploration program for Cyprus Mines within a defined area of British Columbia and/or the Yukon Territory. Our usual approach has been to establish base camps serviced by fixed-wing aircraft, from which several experienced prospectors cover the surrounding country. A helicopter can often be used to advantage in the rugged terrain. Photogeology and geochemistry have played important roles in previous work. The operation is supervised by a mining engineer/geologist and we consider we get good value for our exploration dollars.

If the decision were left to us, we would probably suggest concentrating on that portion of B.C. which lies immediately east of the Alaska Panhandle. It is within this area that the recent major copper finds, Granduc and Stikine Copper, have been made. Our engineers are familiar with the area and we presently hold several claim groups on behalf of our BIK Syndicate. Such a program would be confined to the field season, roughly May through October, but should be continuing

Mr. J. G. Hansen,
Cyprus Mines Corporation,
Los Angeles 14, Calif.

March 5th, 1964.

- 2 -

for at least three years. The annual budget might initially be in the range of \$75,000 to \$100,000. Silver Standard would receive a monthly fee, perhaps based on expenditures, for administration and consulting and would expect to retain a ten percent net interest in any discovery. We would, of course, clear ourselves with our present BIK partners, McIntyre Porcupine and Kerr-Addison Mines.

As a specific project, Cyprus Mines might consider participation in the BIK Syndicate through purchase of a fraction, say one-half, of the Silver Standard equity. Such a step would have the advantage of giving Cyprus Mines an immediate interest in several well regarded claim groups and an association with two of the largest mining organizations in Canada. Some benefits would accrue to Silver Standard in that we would be in a position to provide the funds for our share of a proposed BIK program. This work, as presently planned for the coming season, will include a \$50,000 program on a group that has been formed by amalgamating the BIK Syndicate's Kim claims (20%) with an adjoining larger group staked by Kennco Explorations. In addition, it will be necessary to examine and evaluate several new claim groups that our exploration men have just completed staking for the Syndicate in the general Stikine River area.

Because of their relative inaccessibility, the BIK claims have not been subjected to intensive work and are not well documented. A brief summary of the holdings is being prepared and a copy will be forwarded for your perusal. Also, should the opportunity arise, we would be pleased to expand on the foregoing ideas with your exploration geologists.

Yours very truly,

SILVER STANDARD MINES LIMITED



A. C. Ritchie.

ACR:fpm

February 25, 1964

Mr. A. C. Ritchie
Silver Standard Mines Ltd.
808-602 West Hastings Street
Vancouver, B. C.

Dear Mr. Ritchie:

Please excuse the delay in replying to your 28th January letter regarding the possible participation of Cyprus Mines Corporation in the search for mineral properties in British Columbia and the Yukon Territory.

We are definitely interested in opportunities to acquire suitable ore reserves in Canada which will allow profitable exploitation on a medium or large scale.

The solid minerals of interest to us are iron ore, the major non-ferrous metallic minerals, and the non-metallic minerals used in large quantities to produce fertilizers.

Our general policy prevents our serious interest in mineral deposits having an exploitation potential net income of less than one million dollars per annum.

Your letter generally proposed that Silver Standard Mines Ltd. is interested in acting as a contact, a manager of an exploration syndicate or prospecting venture, and/or manager of an exploration program for a mining company, but did not outline the basis or method upon which these services may be provided. Until you provide an outline of the major terms of your proposed arrangement for these services, we cannot specifically indicate our interest.

In general, however, we would consider and investigate individual exploration project opportunities within our specifications as outlined above if available on reasonable and suitable terms. It is doubtful that we would participate in a general area prospecting venture, but would rather become implicated when the exploration target was located and defined.

We would appreciate receiving your views of possible joint interest after you have studied our general exploration policy outlined by this letter.

Sincerely yours,

J. G. Hansen
Vice President

JGH:nr

J. G. H.

FEB 20 1964

February 3, 1964

To: K. Lieber
From: P. W. Allen
Subject: Silver Standard Mines, Ltd.

The fact that Silver Standard operated a joint exploration program in which MacIntyre held a 35% interest is evidence of substance and ability. On the other hand, I would guess Silver Standard is unknown to anyone in CMC. While we could easily find out about them, I should think that we first need to determine (a) that we are prepared to undertake Canadian exploration again on a substantial and continuing scale, and (b) that Silver Standard provides the best way of carrying out such exploration.

Silver Standard is also willing to consider proposals for financing any of its existing properties. Are you interested in having these investigated?

P. W. Allen

PWA

PWA:g

SILVER STANDARD MINES LIMITED
(NON-PERSONAL LIABILITY)

January 28, 1964.

Mr. K. Lieber,
Vice-President Operations,
Cyprus Mines Corporation,
523 West 6th Street,
Los Angeles, California.
U. S. A.

JAN 30 1964		RETURN TO
TO	FOR REPLY <input checked="" type="checkbox"/>	
	COMMENT	
<input checked="" type="checkbox"/> PWA	KL	FAR
LDC	PJM	WJR
RRG	HTM	LWS
JGH	DPM	WFS
WEH	HM	ART
EHJ	JRO	KKW
		EW

Dear Mr. Lieber:

It has been suggested that Cyprus Mines Corporation, or an associate company, may be interested in establishing a contact in Vancouver that would enable you to participate in the search for mineral properties in British Columbia and the Yukon Territory.

For the three years 1956-1958, our company managed an exploration syndicate comprised of Silver Standard Mines Ltd. (45%), McIntyre Porcupine Mines (35%), and Kerr Addison Mines (20%). This syndicate concentrated its efforts in north-western British Columbia and achieved considerable success. For the past three years, Silver Standard has managed a relatively modest exploration program in association with the Granby Mining Company and has administered a prospecting venture in which some major mining companies participate.

The enclosed summary, prepared for one of the Chartered Banks, indicates that Silver Standard would consider managing a similar exploration program for a mining company or group not as yet based in British Columbia. We would propose to concentrate our efforts on that portion of north-western British Columbia with which we are familiar and in which current interest by the major mining companies is so high. The fact that we can offer the services of an active and experienced exploration department would indicate a better-than-average chance of success. I should judge that this would provide an attractive means for your company to enter the mining field in Western Canada.

Yours very truly,

SILVER STANDARD MINES LTD.

A. C. Ritchie.

ACR:fpm
Encls.

SILVER STANDARD MINES LIMITED, N.P.L.

AN OPPORTUNITY

TO ENGAGE IN

MINERAL EXPLORATION

January, 1964.

BACKGROUND INFORMATION

Silver Standard Mines Ltd. is incorporated under the laws of British Columbia and its shares are listed for trading on the Toronto and Vancouver stock exchanges. For twelve years Silver Standard operated a high-grade silver-lead-zinc mine in Central British Columbia which produced metals to a value of \$12,000,000 and paid approximately \$2,000,000 in dividends. For the past eight years the company has operated chiefly as a mine exploration company.

SILVER STANDARD AS AN EXPLORATION COMPANY

Silver Standard presently employs a staff of four engineers actively engaged in the directing of prospecting and exploration ventures, examination of mineral properties, and the subsequent development of such properties as may warrant the expenditure of money and work upon them. Several highly-trained prospectors are available for the prospecting field season. An office in Vancouver, B.C., performs management, accounting, and secretarial functions.

As a result of its exploration activities, Silver Standard has been successful in developing an iron ore mine that was placed in production by a major mining company. It has acquired an interest in several important mining properties that await financing and further development work.

MINERAL PROPERTIES

There follows a brief summary of the most attractive mining properties held in whole or in part by Silver Standard. Several properties, including six well-regarded gold prospects, have been omitted:

TABLE MOUNTAIN MINES LIMITED

Silver Standard has a 52% interest in a private company which holds 18 claims at McDame Lake, B.C. Surface sampling indicates five ore shoots aggregating 966 feet in length and grading 0.70 oz of gold over a width of 3.9 feet.

SILMONAC MINES LIMITED

Silver Standard, Moneta Porcupine Mines, and Violamac Mines are achieving some success in the development of an important silver-lead-zinc property in the Slocan area of B.C.

SIL-VAN MINES LTD.

Silver Standard controls a former silver-lead-zinc producer at Smithers, B.C. The mine is equipped with a mining and milling plant and has some limited ore reserves. A geophysical survey indicates probable vein extensions that will be investigated by drilling in the spring.

HUDSONS BAY MOUNTAIN SILVER MINES LTD.

Through Sil-Van Mines, Silver Standard controls this private company which has a good silver prospect at Smithers. A program of trenching and diamond drilling is planned for the spring.

CLIMAX COPPER MINES LTD.

In association with major mining companies, Silver Standard spent \$50,000 on a large copper prospect at Princeton, B.C. Work will continue in the 1964 season.

"BIRD" CLAIMS

Together with McIntyre Porcupine Mines and Anglo-Huronian Mines, Silver Standard (45%) holds a very large, low-grade copper deposit approximately 40 miles south of Telegraph Creek, B.C.

"KIM" CLAIMS

With McIntyre and Anglo-Huronian, Silver Standard (45%) has a well-located copper prospect approximately 60 miles south of Telegraph Creek. This group is within eight miles of Stikine Copper Mines, a company controlled by Kennecott and potentially the largest mining operation in Western Canada.

"E & L" CLAIMS

Again with McIntyre and Anglo-Huronian, Silver Standard (45%) holds a copper-nickel prospect 30 miles north of Granduc Mines. Limited work indicates 5000 tons per vertical foot grading 0.65% copper and 0.70% nickel.

MINERAL EXPLORATION IN B.C.

During the past several years, there has been a very great increase in the number of mining companies based in Vancouver. This expanded activity has been the result of improved prospecting techniques, the common use of the helicopter for transportation, impetus furnished by a new Japanese market, and the fact that Northern B.C. and the Yukon constitute one of the last large favourable areas for mineral exploration available to us in North America. Major finds have recently been made and it can be assumed that many more important mineral discoveries will follow.

OPPORTUNITY TO ENGAGE IN MINERAL EXPLORATION

The promising properties held by the company, the considerable knowledge that has been accumulated relating to exploration opportunities, and the know-how of conducting an exploration program present an attractive opportunity to a mining company, syndicate, or group desirous of acquiring mineral properties in British Columbia and the Yukon.

Future development of its various mining interests will prevent Silver Standard from fully utilizing its exploration division on its own account. The company would therefore consider managing an exploration program in conjunction with such a group. In order to ensure some chance of success, a minimum period of three years and budget of \$100,000 per year are suggested.

Silver Standard would give equal consideration to a mutually advantageous arrangement whereby a group advanced funds for the development of one or more of its mineral properties.

REFERENCES

Thomas Elliott, Manager

B.C. & Yukon Chamber of Mines,
840 West Hastings Street,
Vancouver 1, B. C.

C.H.Mitchell, Secretary

Mining Association of B. C.
1200 West Pender Street,
Vancouver 1, B. C.

* * * * *

Silver Standard Plans Prospecting On Reduced Scale

Silver Standard Mines intends to continue with only a moderate prospecting program for the present, says R. W. Wilson, president, in the annual report for the year ended Mar. 31, 1963.

Working capital position was weakened during the year by heavy expenditures on the Iron Duke and Silmonac properties, and new financing may be necessary, but meanwhile funds on hand are adequate for immediate needs. Most effort will be concentrated on properties presently held.

The company's royalty interest in Jedway Iron Mines now ranks among its most important assets, and the company can look forward to an additional income of \$100,000 annually, starting mid-1965, with payments still to come on the capital account of \$750,000.

Both the Silmonac and Climax Copper properties are responding favorably to exploration, Mr. Wilson adds. As reportedly previously, the Silmonac Syndicate is now working underground, while drilling has been started on the Climax claims.

During the year the Granby-Silver Standard maintained two parties in the field on Vancouver Island. One copper prospect was acquired on which further work is being done. The agreement with Granby has been renewed for 1963, and the west coast area, south of latitude 52° north, will be explored.

Exploring With Others

Magnum Consolidated Mining Co. and the Keevil Mining Group joined Silver Standard during 1962 in prospecting in northern B.C. and the Yukon. A group of 64 claims was staked in the Nansen Creek district. In 1963, the syndicate will prospect in the coast area, north of latitude 52° north.

A small participation in a syndicate prospecting on Vancouver Is. during the spring and autumn, and in the interior during July and August, was acquired.

Table Mountain Mines, 52% owned by Silver Standard, carried out a trenching and sampling program during the summer of 1962. Assay results from outs made across the vein by drilling and blasting indicated five ore shoots having a total length of 970 ft. Average width of the vein is 3.9 ft., having an average grade of 0.7 oz. gold and 0.3 oz. silver per ton. The vein has been traced for 4,000 ft.

Silver Standard has staked 44 claims to cover a large low-grade nickel occurrence 60 miles north of Telegraph Creek, B.C. Surface exploration showed that the zone extends at least 6,000 ft.

The option on the Iron Duke property, Queen Charlotte Islands, has been dropped following 4,805 ft. of diamond drilling which showed tonnage to be insufficient for production.

Four Crown-granted claims in the Lardeau district were acquired, covering a limestone bed containing lead and zinc sulphides for a distance of 3,000 ft. The average width of the zone is 15 ft.

The balance sheet at Mar. 31, 1963, included current assets of \$10,673 cash, \$62,837 government bonds, \$709 interest receivable and \$4,463 accounts receivable. Current liabilities totalled \$5,833.

Of the 4,000,000 authorized shares, 3,794,150 have been issued.

Kennco Figures In Big Tonnage B.C. Copper Show

Kennco Explorations which for years has been crisscrossing Canada in a diligent search for a major copper deposit has at last come up with a discovery that appears to have potential for big tonnage that President C. J. Sullivan has been looking for. It is located in the far northwest corner of British Columbia about 70 miles north of Granduc mine.

The project is still in its early stages and no tonnage has been blocked out. But, along the mocassin telegraph one hears of drill holes showing widths of 200 or 300 ft. of copper ore.

Sharing in the development are **Hudson Bay Mining and Smelting Co. and Consolidated Mining and Smelting Co.** which have merged their adjoining claims with those of Kennco to form **Stikine Copper Ltd.** The three companies have agreed to contribute to the exploration costs and to the later development if the exploration results are favorable. (Kennco is a Canadian subsidiary of the big American copper producer, Kennecott Copper Corp.)

The new corporation holds almost 200 claims embracing a complex, copper-bearing porphyritic stock about nine square miles in area. The location is near the junction of the Scud and Stikine Rivers, about 70 miles northeast of Wrangell, Alaska, and some 50 miles south of Telegraph Creek, B.C. Supplies to the area are taken on barges up the Stikine River from Wrangell which is situated on an island near the mouth of the Stikine in the Alaskan Panhandle. From the river supplies are transported to the property by helicopter, a distance of 10 miles. All personnel is also flown in by helicopter.

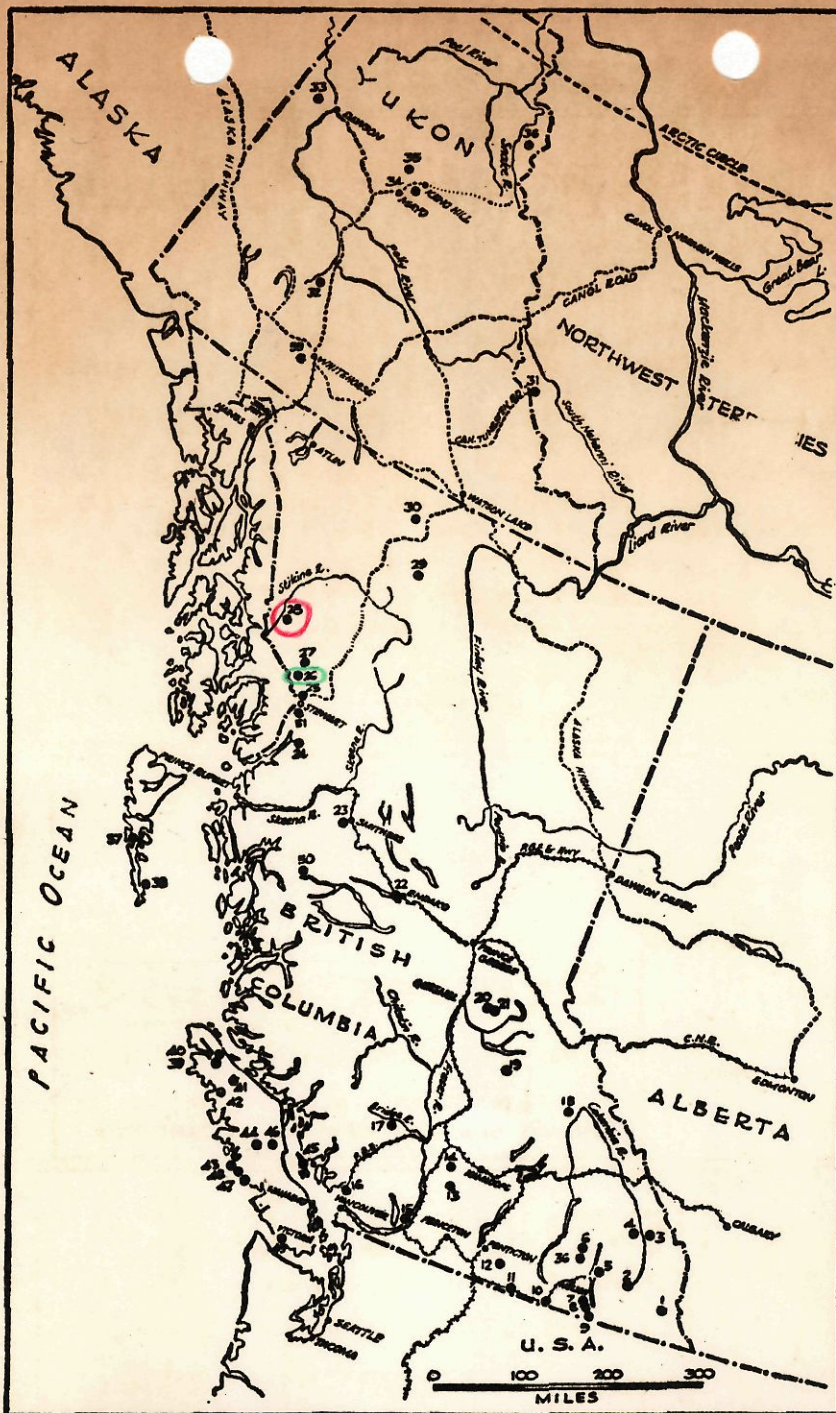
A major exploration effort has been mounted and 10 drillings rigs, including light exploratory machines, are understood to be on the job. The various drilling crews are distributed over a large area and maintain contact with the base camp by walkie-talkie radio. Another evidence of modern communication is the base camp's radio which ties in with the North American telephone system.

The mineral deposits are in the extremely rugged Stikine Mountains. Mineralization consists of pyrite, chalcopyrite and minor bornite disseminated in porphyritic and granitic rocks. Most of the copper-bearing stock is covered by a layer of glacial till 50 to 200 ft. in thickness, and the mineral deposits have to be found beneath this cover by geophysical work and drilling.

The drilling season lasts only from mid-May to October, and the first work

the crews must undertake on arrival is to dig through some 10 ft. of snow to find huts and equipment left from the previous season.

The stock occupies a basin with a low point of about 2,000 ft. above sea level, and the rim of the basin is at about 5,000 ft. Permanent ice fields extend to the rim of the basin in a large part of the area. A glacier covers part of one of the mineral deposits.



WKB
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Approximate locations of some of the more important producing properties in British Columbia and the Yukon Territory are indicated in the above sketch map, together with locations of a number of the exploratory ventures currently in progress.

- | | |
|-------------------------------|-----------------------------|
| 1. Fernie Coal Mines | 27. Phelps Dodge Corp. |
| 2. Cominco's Sullivan mine | 28. Kennco Explorations |
| 3. Western Gypsum | 29. Letain Asbestos |
| 4. Sheep Creek Mines | 30. Cassiar Asbestos Corp. |
| 5. Cominco's Bluebell mine | 31. Canada Tungsten |
| 6. Johnsby Mines | 32. Nansen Creek Syndicate |
| 7. Cominco's H.B. mine | 33. Yukon Cons. Gold Corp. |
| 8. Canadian Exploration | 34. United Keno Hill Mines |
| 9. Reeves MacDonald Mines | 35. Peso Silver Mines |
| 10. Rossland Mining | 36. Crest Exploration |
| 11. Granby's Phoenix mine | 37. Wesfrob Mines |
| 12. Highland-Bell | 38. Jedway Iron |
| 13. Craigmont Mines | 39. Empire Development |
| 14. Bethlehem Copper Corp. | 40. Coast Copper |
| 15. Giant Mascot Mines | 41. Ninkish Iron |
| 16. Anaconda's Britannia mine | 42. Zeballos Iron |
| 17. Bralorne Pioneer Mines | 43. Falconbridge |
| 18. Falconbridge Nickel | 44. Western Mines |
| 19. Noranda's Boss Mountain | 45. Texada Mines |
| 20. Wingdam & Lightning Creek | 46. Mt. Washington Copper |
| 21. Cariboo Gold Quartz | 47. Noranda's Brynnor Mines |
| 22. Endako Mines | 48. Tofino Mines |
| 23. Southwest Potash | 49. Cowichan Copper |
| 24. Dolly Varden Mines | 50. Kennco Explorations |
| 25. Silbak Premier Mines | 51. Newconex |
| 26. Granduc Mines | |