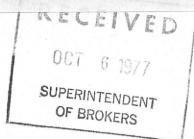
NO SECURITIES COMMISSION OR SIMILAR AUTHORITICAL CANADA HAS IN ANY WAY PASSED UPON THE MERITS OF THE SECURITIES OFFICE HEREUNDER AND ANY REPRESENTATION TO THE CORRECT SECURITIES OF THE

# 004188

AMORE MINERALS INC.

575 Richards Street Vancouver, B. C.



#### PROSPECTUS

250,000 shares without par value

Price to	Public	Commissions	Proceeds to Company if all the shares are sold
Per Unit	20¢	5¢	15¢
Total	\$50,000	\$12,500	*\$37,500

\*less the cost of issue estimated to be \$5,000

**PROPERTY FILE** 

A PURCHASE OF THE SECURITIES OFFERED BY THIS PROSPECTUS MUST BE CONSIDERED A SPECULATION AS THE COMPANY'S MINING PROPERTIES ARE STILL ONLY IN THE EXPLORATION STAGE.

THERE IS NO MARKET FOR THE SHARES OF THE COMPANY.

THIS ISSUE IS SUBJECT TO A MINIMUM SUBSCRIPTION. FOR DETAILS SEE PAGES SEVEN AND EIGHT.

NO SURVEY OF ANY PROPERTY OR PROPERTY INTEREST HELD BY THE COMPANY HAS BEEN MADE AND, THEREFORE, IN ACCORDANCE WITH THE MINING LAWS OF THE APPROPRIATE JURISDICTIONS IN WHICH THE PROPERTIES ARE SITUATE, THE EXISTENCE OF AND THE AREA OF THE PROPERTIES COULD BE IN DOUBT.

THE SHARES OFFERED BY THIS PROSPECTUS REPRESENT 21.28% OF THE TOTAL NUMBER OF SHARES TO BE ISSUED AND OUSTANDING UPON COM-PLETION OF THIS OFFERING AND THE SHARES ISSUED TO PROMOTERS, DIRECTORS AND OTHER INSIDERS FOR CASH AND PROPERTIES REPRESENT 68.08% OF THE TOTAL NUMBER OF SHARES TO BE ISSUED AND OUTSTANDING UPON COM-PLETION OF THIS OFFERING.

THE COMPANY'S PROPERTIES ARE WITHOUT A KNOWN BODY OF COMMERC-IAL ORE AND THE PROPOSED PROGRAM IS AN EXPLORATORY SEARCH FOR ORE.

THIS PROSPECTUS CONSTITUTES A PUBLIC OFFERING OF THESE SECURITIES IN THE PROVINCE OF BRITISH COLUMBIA ONLY.

DATED: SEPTEMBER 8, 1977

# Prospectus

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### THE COMPANY

Amore Minerals Inc. was incorporated on May 22, 1977 under the Companies Act, British Columbia. Upon the acceptance of this prospectus for filing by the Superintendent of Brokers, the Company shall be deemed to be a reporting company pursuant to the provisions of the Companies Act.

The registered and records office of the Company is 1190-700 West Georgia Street, Vancouver, B. C. and the head office of the Company is 575 Richards Street, Vancouver, B. C.

# PLAN OF DISTRIBUTION

The Company offers by this prospectus 250,000 shares in its capital stock at 20¢ per share. Shares of this issue may be sold by trading directors of the Company. No commission or other remuneration will be payable to the trading directors of the Company in connection with this offering of shares. Shares of this issue may also be sold by brokers or brokerdealers who may receive up to 25% commission.

#### CAPITALIZATION

The authorized capital of the Company is 10,000,000 shares without par value. There is only one class of shares and all rank equally as to dividends, voting rights and participation in assets. All shares of the Company issued to the date hereof and those issued pursuant to this prospectus are and shall be fully paid and non-assessable.

Designation of Security	Share Capital Authorized	Outstanding as of Aug. 10, 1977	Outstanding as of Aug. 31, 1977	Outstanding on Completion of Offering
common	10,000,000	925,002	925,002	1,175,002

#### AUDITORS

The auditors of the Company are Powell, Street & McKave of 7375 Kingsway, South Burnaby, B. C., V3N 3B5

#### REGISTRAR AND TRANSFER AGENT

The registrar and transfer agent of the Company is The Metropolitan Trust Company, 544 Howe Street, Vancouver, B. C.

#### PRIOR SALES

Particulars of shares sold for cash during the past 12 months:

Number of Shares	Price	Commission	Cash	Received
2	\$1.00	nil	\$	2
175,000	.10¢	nil	\$	17,500

The above 175,002 shares sold for cash are held in pool by The Metropolitan Trust Company and will be released 30 days after cessation of primary distribution to the public of the shares offered by this prospectus.

Particulars of shares issued for other than cash:

Number of Shares	Consideration
375,000	Vernon Mining Division British Columbia
	GEO 1 - 2 located mineral claims
375,000	Slocan Mining Division British Columbia
	RUTH 1 - 5 (1/2 interest) located mineral claims

The number of shares issued for the GEO and RUTH claims bear no relationship to any present or future value these properties may have.

The above 750,000 shares are held in escrow by The Metropolitan Trust Company, under the direction and control of the Superintendent of Brokers for British Columbia. (See paragraphs "Business and Property" and "Escrowed Shares").

## BUSINESS AND PROPERTY

The Company is a mining company engaged in searching for and developing mineral properties. Vernon Mining Division British Columbia

The Company is the recorded and beneficial owner of the following located mineral claims:

Claims	Record Numbers	Expiry Dates	
GEO 1 (6 units)	366	July 18, 1978	
GEO 2 (15 units)	367	July 18, 1978	

The claims lie on the northeastern slope of Lightning Peak, approximately 40 miles southeast of the City of Vernon. Access to the property is by a bush road which connects with Highway #6 approximately 66 miles east of Vernon. The distance from Highway #6 to the claims along this road is 17 miles.

By an agreement dated July 18, 1977 between George G. Grauer of 378 Stevens Drive, West Vancouver, B. C. and the Company, the Company purchased the above claims for \$2,500 payable to George G. Grauer and 375,000 shares issuable to George G. Grauer, who is a director and promoter of the Company. No person is to receive a greater than 5% interest from the vendor, George G. Grauer, in the consideration received from the Company.

#### Work Done

The Company has done no work on the claims. There is no underground or surface plant or equipment thereon.

This property is without a known body of commercial ore.

#### History

The history of the Lightning Peak mining area probably dates from the late 19th century and apparently little is known of the very first work in the area. The first claim staked was the Rampalo claim staked in 1897. By 1904, apparently three properties had been established as sites for mining operations, these being the Lightning Peak, Waterloo and Rampalo groups, and at that time small ore shipments had been made from the Waterloo and Lightning Peak properties. Following this there appears to have been a period of dormancy because no further mention is made of the Lightning Peak camp until 1917 and later at which time the Waterloo and Lightning Peak groups continued to be the main centres of activity. A number of other properties however, including Killarney, Payday, Rampalo, Potosi, Dictator, and Lumpy, had yielded interesting mineralization, and several others of lesser interest had also received prospecting attention.

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The location of this camp has been a major factor in its development. The difficulties of access have greatly handicapped transportation to and from the various properties and the shipment of ore from them, particularly in the early days. Prior to 1917 all the supplied had to be carried in and all ore shipments taken out by packhorse over the Galloping Mountain trail. Later a snow trail was constructed with Government assistance to connect the campe with the Edgewood-Vernon road, and this new trail was employed to rawhide ore out during the winter months. The effect of this was to make all but the highest grade ore uneconomic since transportation costs on the ore amounted at that time to about \$30.00/ton. This fact is worth keeping in mind in the light of present day means of access and transportation, and suggests that perhaps there may still be commercially profitable ore in many of the old mines. In 1929 and 1930 the tractor road was improved and became passable, at least in part, for automobiles. This road presently requires grading but is passable for a four wheel drive vehicle.

More recently the area was the subject of a fairly intense but relatively short exploration program in 1968 by International Mine Services. Apparently no serious follow-up of the initial exploration results was attempted. There is evidence on the ground as well as from the Government claim maps that other claims have been staked in the general area since the Peak claims of International Mine Services, however there appears to have been little work of significance done.

The work carried out included establishment of a grid, preparation of a topographic base map and detailed geochemical soil sampling and geological mapping. The program established several geochemical anomalies. The present GEO #1 and #2 claims cover at least three of these anomalies.

Slocan Mining Division British Columbia

The Company is the recorded and beneficial owner of the following located mineral claims:

<u>Claims</u> <u>F</u>	lecord Numbers	Expiry Dates
RUTH l (l unit)	308	November 26, 1977
RUTH 2-4 (4 units)	365-367	May 13, 1978
RUTH 5 (l unit)	429	July 11, 1978

These claims are located some eight miles north of the town of Kaslo, B. C. on and adjacent to Schroeder Creek. Access to the property is by the Lardeau-Kaslo Highway. By an agreement dated July 15, 1977 between George G. Grauer of 378 Stevens Drive, West Vancouver, B. C. and Murray S. Swetz of Apt. 203-1215 Comox Street, Vancouver, B. C. and the Company, the Company purchased the above claims for \$5,500 payable to Murray S. Swetz and 375,000 shares issuable to George G. Grauer, who is a director and promoter of the Company. No person is to receive a greater than 5% interest from the vendors, George G. Grauer and Murray S. Swetz, in the consideration received from the Company.

#### Work Done

Between June 21 and July 5, 1977 the Company carried out geochemical, magnetometer and electromagnetometer surveys of the RUTH claims pursuant to the recommendations of W. G. Hainsworth, P.Eng., contained in his report of May 26, 1977, a copy of which forms part of this prospectus. The results of these surveys are contained in the letter of July 27, 1977 from Sawyer Consultants Inc. to the Company's president, a copy of which forms part of this prospectus, and a geophysical report of August 4, 1977 prepared by Glen E. White, Geophysical Consulting & Services Ltd. This report may be inspected during normal business hours at the Company's records office at 1190-700 West Georgia Street, Vancouver, B. C.

The cost of the surveys and report was \$3,808. The Company has done no other work on the RUTH claims and has no underground or surface plant or equipment thereon.

The RUTH claims are without a known body of commercial ore.

#### History of the Area

There is no history on the RUTH claims, however, the area forms part of the well known Ainsworth-Kaslo mining belt. Settlement in the area in the 1880's was due to Kootenay Lake being a main transportation route. A California millionaire, George Ainsworth bought land south of Kaslo on the lake. It was he who located the first mineral claim in the area.

Although mining the area proceeded prior to 1889, the first recorded production was documented that year. Six properties shipped 300 tons of ore which averaged 100 ounces of silver per ton.

The various producing properties in the area operated on a sporadic basis with only a few showing steady production. At the time of writing there are no producing properties. Interest in the area petered out in the 1960's. However, the gradual climbing price of silver has once again created an interest in the old camp. Production from this camp to 1964 and recorded from over 50 properties, totalled better than 750,000 tons of silver, lead, zinc ore.

In the early days of the camp one of the interesting features was the number of properties being worked by lessees on a royalty basis. It is stated that a good amount of production was recorded in this manner.

In the early 1950's the increase in the price of lead and zinc was instrumental in the location of a lead-zinc mine in the area. The Yale Lead and Zinc Mines Ltd. built a new mill in the area and operated until 1961.

Trail Creek Mining Division British Columbia

The Company is the recorded and beneficial owner of the following located mineral claims:

<u>Claims</u> <u>Rec</u>		Rec	ord Numbers	Expiry Dates	
		(4 units)		May 19, 1978	
Sunburst	2	(4 units)	145	April 26, 1978	

These claims are located some 18 miles north of Rossland, B. C., 200 meters north of the north-west end of Nancy Green Lake. Access to the property is by highway from Rossland, B. C.

By an agreement dated June 20, 1977 between George G. Grauer of 378 Stevens Drive, West Vancouver, B. C. and the Company, the Company purchased the above claims for \$1,000 payable to George G. Grauer, who is a director and promoter of the Company. No person is to receive a greater than 5% interest from the vendor, George G. Grauer, in the consideration received from the Company.

#### Work Done

The Company has done no work on these claims. There is no underground or surface plant or equipment thereon.

This property is without a known body of commercial ore.

# History

There is no history on the Sunburst claims.

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# USE OF PROCEEDS

The Company plans to carry out the initial program recommendations of J. B. Paul Sawyer, P.Eng., contained in his report dated July 22, 1977 on the GEO claims, a copy of which is attached hereto and forms part of this prospectus.

Linecutting - 27 miles @ \$150 Geological mapping Geochemical sampling Magnetometer Survey - 27 miles @ \$75 EM-16 Survey - 27 miles @ \$100 Prospector/helper Transportation Camp equipment, supplies Dynamite, caps etc. Supervision, consulting, reporting,	\$ 4,053 2,000 1,509 2,025 2,700 1,200 1,050 1,500 100
and assessment filing, etc. Contingency	3,500 1,500
Total cost of initial program	\$ 21 <b>,</b> 137
The Company also plans to carry out the follow-up program recommendations of J. B. Paul Sawyer, P.Eng., contained in his letter dated July 27, 1977 on the RUTH claims, a copy of which is attached hereto and forms part of this prospectus.	
Tractor trenching - 25 hrs. @ \$40 \$ 1,000 Additional EM work 750 Additional geochemical sampling 500 Assaying 500 Dynamite, fuses, etc. 100 Camp supplies, fuel, transportation 1,000 Supervision, geological	
evaluations, etc. 2,500 Contingency 750	7,100
	\$ 28,237
Additional expenditures contemplated are:	
Costs of this issue including legal, audit and printing	5,000
Vancouver Curb Exchange listing application fee	2,000
General corporate purposes	4,601
	\$ 39,838

Sale of shares Funds on hand \$ 37,500 2,338

\$ 39,838

Note: The reserve for listing fee, \$2,000, shall be lodged with and held by The Metropolitan Trust Company.

The proceeds from the sale of shares offered by this prospectus are intended to be used for the purposes set forth above and in carrying out the above program of work and the Company will not discontinue or depart from the recommended program of work unless advised in writing by its consulting engineer to do so. Should the Company contemplate and such change or departure, notice thereof will be given to all shareholders.

In the opinion of the directors of the Company, the proceeds of this offering will be sufficient to carry out the recommended programs of work and to maintain the Company's properties in good standing. In the opinion of the Companu's directors it will be necessary that all shares offered by this prospectus be sold to net the Company \$37,500 in order to carry out the above recommendations and provide for administration, the Vancouver Curb Exchange listing fee and adequate working capital. All monies received from the sale of shares during the 120 day period following September 23, 1977, the date of acceptance for filing of this prospectus by the Superintendent of Brokers, shall be held in trust by The Metropolitan Trust Company and if the objective of \$37,500 is not attained within the 120 days, all monies will be returned in full to the subscribers.

No part of the proceeds shall be used to invest, underwrite or trade in securities other than those that qualify as investments in which trust funds may be invested under the laws of the jurisdictions in which securities offered by this prospectus may lawfully be sold.

Should the Company intend to use the proceeds to acquire other than trustee type securities after the distribution of the securities offered by this prospectus, approval by the shareholders of the Company must first be obtained and notice of the intention filed with the regulatory securities bodies having jurisdiction over the sale of the securities offered by this prospectus.

PROPERTY FILF

#### PROMOTERS

The directors of the Company may be considered its promoters. As vendor of property to the Company, George G. Grauer received 750,000 shares. Also, George G. Grauer received the sum of \$3,500. The cost of the property sold to the Company by the vendor was approximately \$3,500. The purchase price of the property to the Company was determined and approved by the board of directors.

# DIRECTORS AND OFFICERS

Name	Address	Office Held
George Gustav Grauer	378 Stevens Dr. West Vancouver, B.C.	Director & President
Walter Joseph Moyls	#27-33293 Bourquin Cresc. Abbotsford, B.C.	Director & Secretary
Alexander Lewis Andrews	4305 Locarno Cresc. Vancouver, B.C.	Director
Harold Arthur Quin	8-784 Thurlow St. Vancouver, B.C.	Director

The principal occupations of the directors and officers during the past five years are as follows:

George Gustav Grauer B. Comm., C.A.	Public accountant - Partner in the firm of Avis, Grauer & Co., Chartered Accountants.
Walter Joseph Moyls	Executive - President of Anderson and Miskin Limited.
Alexander Lewis Andrews	Executive - President of Alandra Enterprises Ltd.
Harold Arthur Quin Ph.D., P.Eng.	Self-employed consulting geologist March 1, 1972 to date; Geological engineer with Northmount Engineering & Investments Ltd., May, 1967 to February 28, 1972.

#### REMUNERATION OF DIRECTORS AND SENIOR OFFICERS

During the financial period ending August 10, 1977 no remuneration was paid by the Company to its directors and senior officers. It is anticipated that during the financial year ending July 31, 1978 no remuneration will be paid to directors or senior officers. The Company does not propose to pay any management fees from the proceeds of the sale of shares offered by this prospectus.

# ESCROWED SHARES

As of August 31, 1977 750,000 shares are held in escrow by The Metropolitan Trust Company, 544 Howe Street, Vancouver, B. C., subject to the direction or determination of the Superintendent of Brokers. The escrow restrictions provide that the shares may not be traded in, dealt with in any manner whatsoever or released, nor may the Company, its transfer agent or escrow holder make any transfer or record any trading of the shares without the consent of the Superintendent of Brokers.

In the event the Company loses or abandons or fails to obtain title to all or part of the property or assets for which it allotted all or part of the escrow shares, the Company will declare any such event to the Superintendent of Brokers by way of directors resolution and the holders of such shares, the trustee thereof and the Company have agreed that such number of the said shares as the Superintendent of Brokers determines shall have become subject to cancellation, shall be surrendered to the Company by way of gift for cancellation. The complete text of the escrow agreement is available for inspection at the office of The Metropolitan Trust Company.

Designation of	Number of Shares	Percentage
Class	Held in Escrow	of Class
common	750,000	81.08%

#### PRINCIPAL HOLDERS OF SECURITIES

As of August 31, 1977 the following table sets forth the number of shares owned of record or beneficially, directly or indirectly, by each person who owns more than 10% of the Company's shares:

Name and	Type Of	Number of	Percentage of
Address	Ownership	Shares	Shares Outstanding
George G. Grauer 378 Stevens Drive West Vancouver, B.C.	Record and Beneficial	800,000	86.49%

All directors and senior officers of the Company beneficially own, directly or indirectly, 86.49% of the shares outstanding.

## INTEREST OF MANAGEMENT AND OTHERS IN MATERIAL TRANSACTIONS

One director of the Company, who is also a promoter of the Company, (see paragraph "Promoters"), has received shares pursuant to two agreements for the sale of property to the Company.

#### MATERIAL CONTRACTS

The property acquisition agreements referred to in this prospectus may be inspected during normal business hours at the Company's records office at 1190-700 West Georgia Street, Vancouver, B. C.

# STATUTORY RIGHTS OF WITHDRAWAL AND RESCISSION

Sections 61 and 62 of the Securities Act, (British Columbia) provide, in effect, that where a security is offered to the public in the course of primary distribution:

(a) A purchaser has the right to rescind a contract for the purchase of a security, while still the owner thereof, if a copy of the last prospectus together with financial statements and reports and summaries of reports relating to the securities as filed with the Superintendent of Brokers, was not delivered to him or his agent prior to delivery to either of them of the written confirmation of the sale of securities. Written notice of intention to commence an action for rescission must be served on the person who contracted to sell the security within 60 days of the date of delivery of the written confirmation, but no action shall be commenced after the expiration of three months from the date of service of such notice. (b) A purchaser has the right to rescind a contract for the purchase of such security, while still the owner thereof, if the prospectus or any amended prospectus offering such security contains an untrue statement of a material fact or omits to state a material fact necessary in order to make any statement therein not misleading in the light of the circumstances in which it was made, but no action to enforce this right can be commenced by a purchaser after expiration of 90 days from the later of the date of such contract or the date on which such prospectus or amended prospectus is received or is deemed to be received by him or his agent.

Reference is made to the said Act for the complete text of the provisions under which the foregoing rights are conferred.

POWELL, STREET & McKAVE CHARTERED ACCOUNTANTS

BURNABY, B.C., V3N 385

#### AUDITORS ' REPORT

To the Shareholders of Amore Minerals Inc.

We have examined the balance sheet of Amore Minerals Inc. as at August 10, 1977 and the related statement of changes in financial position for the period then ended. Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the company as at August 10, 1977 and the changes in its financial position for the period then ended, in accordance with generally accepted accounting principles.

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Burnaby, B.C. August 12, 1977 CHARTERED ACCOUNTANTS

#### AMORE MINERALS INC. (Incorporated May 22, 1977) BALANCE SHEET AS AT AUGUST 10, 1977

# ASSETS AND DEFERRED CHARGES

CASH		\$ 2,338
MINING CLAIMS (Note 1) Rights to claims acquired by issue of 750,000 shares at a value of 10¢	475 000	
per share Rights to claims acquired for cash	\$75,000 9,000	84,000
DEFERRED EXPLORATION AND ADMINISTRATIVE EXPENDITURES (Schedule I)		6,348
INCORPORATION EXPENSE		532
		\$93,218
LIABILITIES AND SHARE CAPITAL		
ACCOUNTS PAYABLE AND ACCRUED CHARGES		\$716
SHARE CAPITAL Authorized: 10,000,000 shares without par value		
Issued and fully paid:		
2 shares for \$1 cash each 175,000 shares for 10¢ each 750,000 shares as consideration for	\$2 17,500	
rights to claims (Note 1)	75,000	92,502
925,002		\$93,218
APPROVED ON BEHALF OF THE BOARD:		

لمعد DIRECTOR

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The accompanying notes form an integral part of these financial statements.

POWELL, STREET & MCKAVE

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#### AMORE MINERALS INC. STATEMENT OF CHANGES IN FINANCIAL POSITION FOR THE PERIOD FROM THE DATE OF INCORPORATION ON MAY 22, 1977 TO AUGUST 10, 1977

SOURCE OF FUNDS Issue of shares

\$17,502

APPLICATION OF FUNDS		
Payment of incorporation expenses	\$ 532	
Deferred exploration and administrative	•	
expenditures	6,348	
Purchase of mineral claims	9,000	15,880

WORKING CAPITAL, August 10, 1977

\$ 1,622

The accompanying notes form an integral part of these financial statements.

POWELL, STREET & MCHAVE

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SCHEDULE I

#### AMORE MINERALS INC.

SCHEDULE OF DEFERRED EXPLORATION AND ADMINISTRATIVE EXPENDITURES FOR THE PERIOD FROM THE DATE OF INCORPORATION ON MAY 22, 1977 TO AUGUST 10, 1977

EXPLORATION		
Assays	\$1,250	
Electromagnetometer survey	·	
and geophysical report	1,340	
Field supplies	131	
Field wages	750	
Payroll assessments	23	
Geologists	1,152	
Licences and fees	530	
Meals and lodging	386	
Travel	164	\$5,726
ADMINISTRATION		
Audit and legal	500	
Bank charges	9	
Printing	34	
Telephone	79	622

BALANCE AS AT AUGUST 10, 1977

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\$6,348

The accompanying notes form an integral part of these financial statements.

POWELL, STPEET & MORAVE

#### AMORE MINERALS INC. (Incorporated May 22, 1977) NOTES TO THE FINANCIAL STATEMENTS AUGUST 10, 1977

#### 1. PROPERTY

- (a) On July 18, 1977 the company acquired two mineral claims situate in the Vernon Mining Division, Province of British Columbia (more particularly known as Geo 1 and 2) for \$2,500 cash and 375,000 shares of the capital stock of the company.
- (b) On July 15, 1977 the company acquired five mineral claims situate in the Slocan Mining Division, Province of British Columbia (more particularly known as Ruth 1 - 5) for \$5,500 cash and 375,000 shares of the capital stock of the company.
- (c) On June 20, 1977 the company acquired two mineral claims situate in the Trail Creek Mining Division, Province of British Columbia (more particularly known as Sunburst 1 and 2) for \$1,000 cash.

A significant part of the assets of the company consists of mining claims and deferred exploration and administrative expenditures. The mining claims and deferred expenditures are recorded at cost and do not purport to represent present or future values. Recovery of these costs is dependent upon the success of future exploration of the properties, together with the adequate future financing thereof.

#### 2. REMUNERATION OF DIRECTORS AND OFFICERS

No remuneration was paid or payable to the directors of the company during the period ended August 10, 1977 in their capacity as directors, officers or employees of the company.

POWELL STPEET & MCKAVE



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SAWYER CONSULTANTS INC.

REPORT on the GEO #1, and GEO #2 CLAIMS

Lightning Peak Area, Vernon Mining Division

British Columbia

for

AMORE MINERALS INC.

by

J.B. PAUL SAWYER, P.Eng.

July 22nd, 1977

1-425 HOWE STREET, VANCOUVER, B.C. V6C 2A9 TELEPHONE (604) 684-5433

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# INTRODUCTION

The following report is prepared at the request of Amore Minerals Inc.

Mineral prospects have been known in the Lightning Peak area since the early part of the century, and indeed several mining operations based on silver-bearing vein structures have existed in the intervening years. The Lightning Peak area, though one of fairly difficult access, is of considerable geological interest and its history of high grade silver values makes it even more attractive in the light of present day prices for the precious metals. Two claim blocks, comprising a total of 21 units, were staked in late June and early July for Mr. G.G. Grauer of Vancouver, and were vended by him to Amore Minerals Inc.

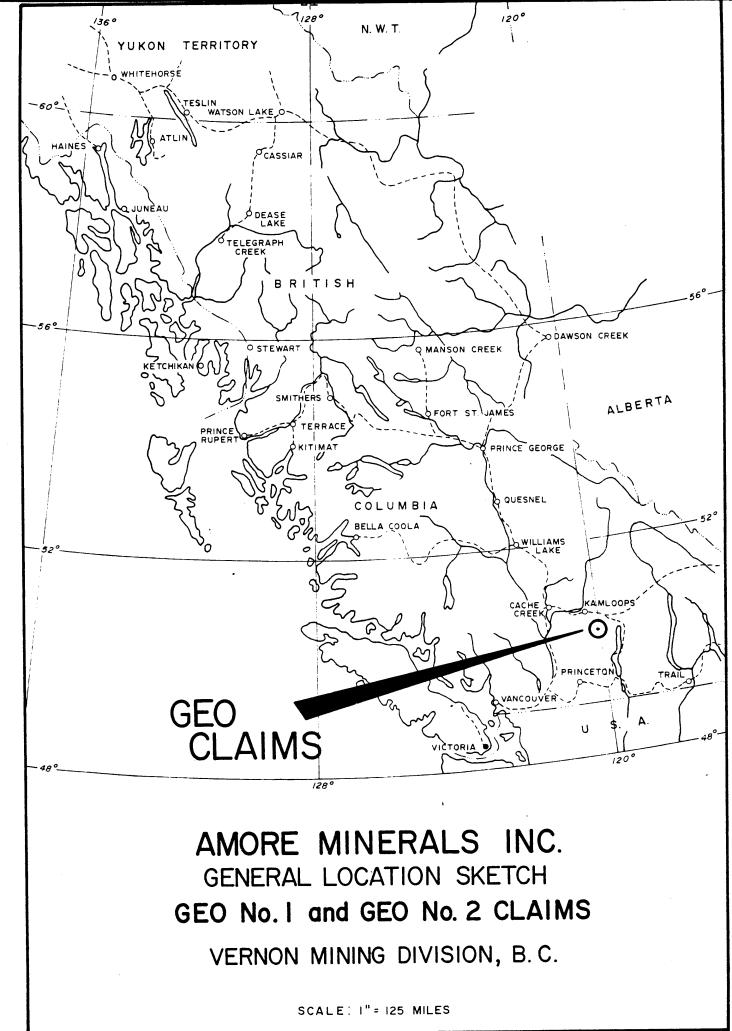
This report presents the main facts of the geological and mining history of the immediate area and makes recommendations for a modest first stage program to confirm and follow-up geochemical anomalies indicated from earlier work by other groups.

# SUMMARY

Several small mining operations based on a number of separate mineral showings, dating from the first three or four years of the present century, have demonstrated the occurrence of high grade silver/gold/ copper mineralization in the Lightning Peak area. Its location and resultant difficulties of access in the earlier years made uneconomic the mining of all but the highest grade ores. The favourable geological formations hosting these ores underlie a considerable part of the area including the Geo claims owned by Amore Minerals Inc.

Within the last fifteen years exploration using modern geochemical and geophysical techniques has been carried out on a very limited scale only and in spite of apparent success in indicating new targets, has not been followed up by drilling or trenching. A preliminary program of geological, geochemical, and geophysical exploration is recommended to verify and/or repeat, and extend favourable results from a 1968 geochemical survey by the J.H. Hirshhorn interests, and to bring the claims to the stage at which more detailed follow-up, including diamond drill testing, would be appropriate as part of a second stage program.

The estimated costs of the recommended first stage program is \$21,136.91.



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#### PROPERTY

The subject claims, Geo #1 comprising 6 units, and Geo #2 comprising 15 units, were staked in the period June 29th to July 1st, 1977, for Mr. G.G. Grauer of Vancouver. The following table summarizes the pertinent facts and the claims are shown on the claim sketch, Figure 2, in this report. They are in the southeastern corner of the Vernon Mining Division, British Columbia.

Claim	Tag No.	No. of Units	Staked	Recorded	Record No.
GEO #1	35791	6	June 30, 1977	July 18, 1977	*
GEO #2	35790	15	July 1, 1977	July 18, 1977	*

\*Record Nos. not assigned at time of writing.

#### LOCATION AND ACCESS

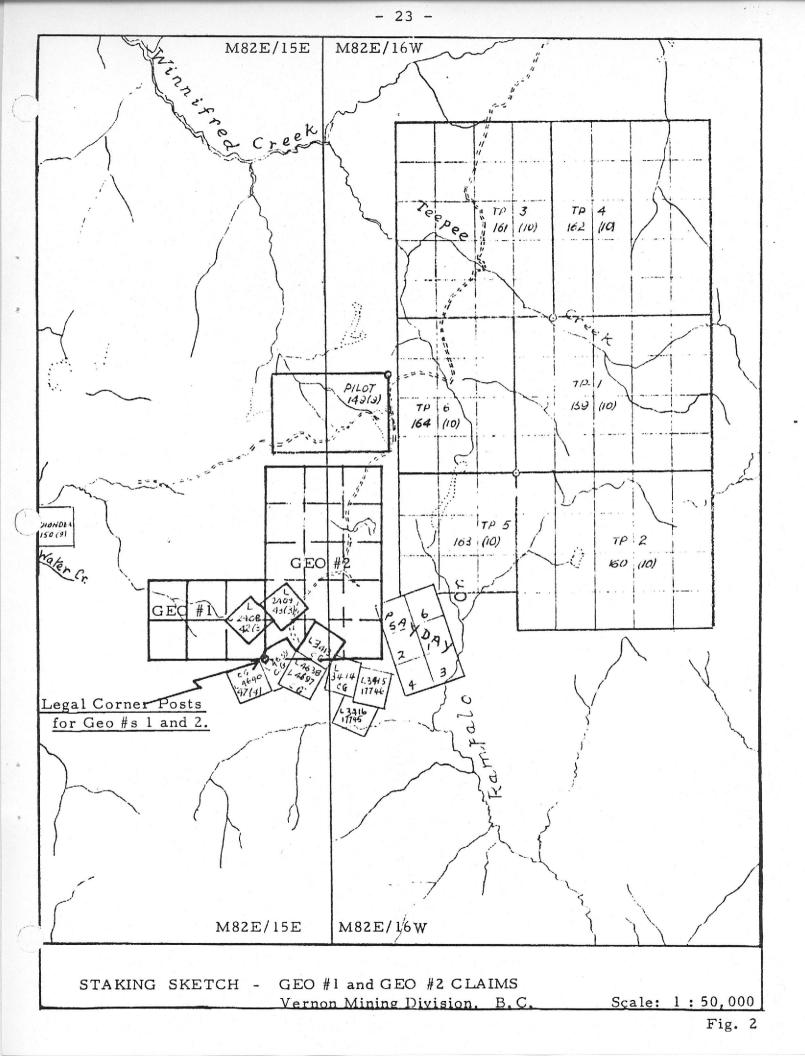
The claims lie on the northeastern slope of Lightning Peak, approximately 20 miles west of the village of Needles, at an elevation of around 6,300 feet. Lightning Peak itself, rising to an elevation of 7,093 feet, lies approximately 6,000 feet to the southwest.

Access may be had via a bush road using a four-wheel drive vehicle which leaves the B.C. Highway #6 at a point approximately 66 miles east of Vernon, or about 20 miles west of Needles. The distance from Highway #6 to the claims along this road is 17 miles, and involves a rise in elevation of over 3,000 feet. Driving time from the highway to the property is approximately 85 minutes.

#### PHYSIOGRA PHY

The claims, lying on the northeastern slope of a prominent peak, are in an area of moderate to high relief with a general northward slope. The area is well drained by numerous small streams which locally have cut sharp valleys. The streams are generally fairly fast flowing and in places appear to be intermittent, flowing underground for varying distances, probably in limestone areas. A noticeable feature of the streams is that they carry abundant sediment and should therefore be ideal for geochemical stream sediment sampling.

The growth is of mixed evergreen, spruce and fir, and hardwoods with abundant hardwood undergrowth over much of the area which makes for difficult travelling. Several swampy or meadow areas also occur. Game, deer, moose, and bear, seem to abound in the area.



# <u>GEOLOGY</u>

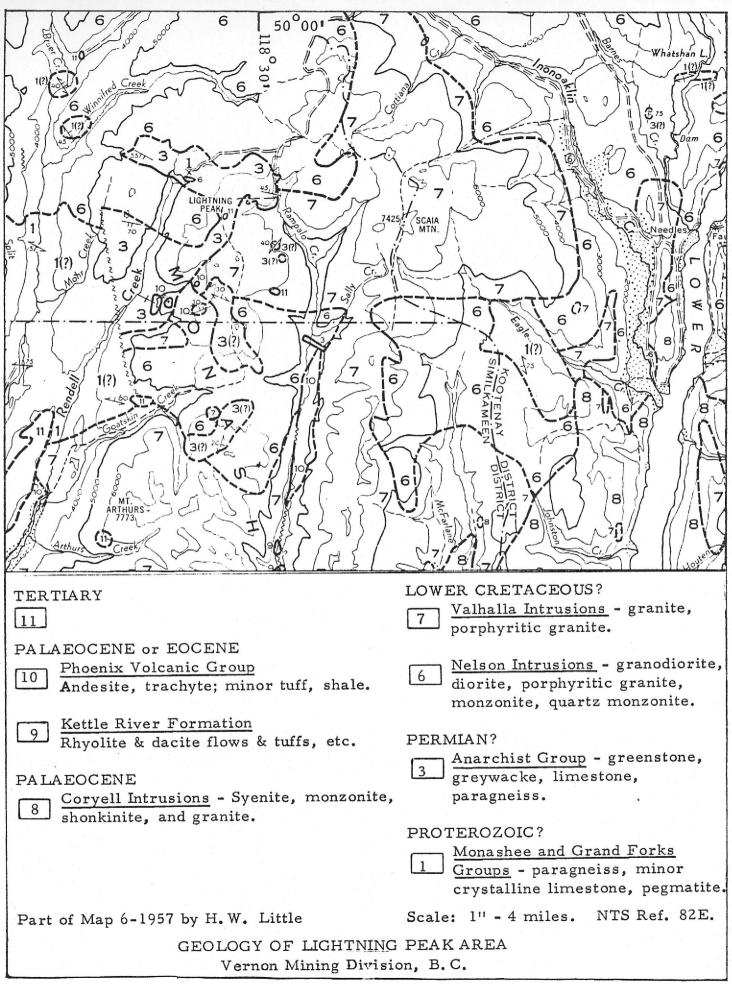
## Regional Geology

The area has been mapped by H.W. Little of the Geological Survey of Canada, and is covered by geological map 6-1957 East Half, Kettle River, B.C. Reference to this map shows the Lightning Peak area to be underlain by rocks of the Anarchist Group of probable Permian age, and by intrusive rocks of the Nelson intrusions and of the Valhalla intrusions. The Anarchist Group consists variously of greenstone, greywacke, limestone, and paragneiss. Both the Valhalla and Nelson intrusions are granitic in nature and in age lie between the latest Jurassic and middle Cretaceous. According to Little the Valhalla granite is generally non-porphyritic, except in the westernmost part of the map area, and may be distinguished from the Nelson intrusives by the presence of smoky quartz, the rarity of hornblende, and by textural differences. The Anarchist Group is probably, at least in part, equivalent to the Mount Roberts formation, and in the Phoenix area contains fossils which are believed to be Permian. However, a few miles south of the International Boundary, a collection of Triassic fossils has been reported and beds of this age may also be included with those mapped as Anarchist Group on the Kettle River sheet.

From the point of view of economic mineralization, the limestone members of the Anarchist Group are probably of greatest interest particularly near contacts with the granitic intrusives where "skarn-type" mineralization is frequently developed. The intrusive rocks also are of significance and are mineralized with silver and gold in quartz veins.

Probably the two most significant deposits in the immediate area are the Waterloo deposit which is in a shear zone some 4 feet wide, carrying silver as well as lead and zinc minerals, and the Payday deposit which lies some 3 miles east and 2,000 feet south of the Waterloo tunnel, and is essentially a zone of heavy sulphide mineralization at and near the contact of granodiorite with altered rocks which are described as being probably of volcanic origin, although they undoubtedly are also in part sedimentary. Underground the sulphides are seen to include pyrite, sphalerite, and chalcopyrite with minor pyrrhotite and galena, and, apparently, magnetite is also plentiful in places strongly suggesting a skarn type origin. One sample across a width of 10 feet is reported to have assayed 30 ounces of silver to the ton, 4.3% copper, trace gold, and 12% zinc. According to Cairnes, a large proportion of the rock in the vicinity of the Waterloo veins is crystalline limestone with which are associated highly metamorphosed greenish coloured rocks which are presumed to be of volcanic origin. Apparently all of these rocks have been extensively invaded by rocks of granitic to dioritic composition, and a few hundred feet south of the workings a large area underlain by granodiorite has been mapped. Essentially then, this also appears to be a contact metasomatic, or "skarn type" deposit.

Numerous other prospects and showings are reported which will be mentioned more below.



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All that is known of local geology of the various deposits is contained in the reports by Cairnes (1930), from which it is apparent that the deposits are all essentially of vein type, usually at or near contacts of either calcareous sediments (limestones) or volcanics with granitic or granitoid intrusives except in one or two cases where the mineralization is contained in veins in the intrusive rocks themselves. In general terms the most favourable area for these deposits appears to be in rocks of the Anarchist Group which, in the Lightning Peak area, occur in a roughly east-west trending belt about one mile in width.

Detailed geological mapping in the area of which the present Geo #1 and #2 claims forms a part was carried out by International Mine Services in the late 1960's, however their map is not available to the writer at this time and, as a consequence, little detail can be added to the above general picture. One of the main parts of the recommended program will be geological mapping of the Geo claims and adjacent areas.

# HISTORY

The history of the Lightning Peak mining area probably dates from the late 19th century and apparently little is known of the very first work in the area. The first claim staked was the Rampalo claim staked in 1897, but obviously some prospecting must have been done in the area earlier than that. By 1904, apparently three properties had been established as sites for mining operations, these being the Lightning Peak, Waterloo, and Rampalo groups, and at that time small ore shipments had been made from the Waterloo and Lightning Peak properties. Following this there appears to have been a period of dormancy because no further mention is made of the Lightning Peak groups continued to be the main centres of activity. A number of other properties however, including Killarney, Payday, Rampalo, Potosi, Dictator, and Lumpy, had yielded interesting mineralization, and several others of lesser interest had also received prospecting attention.

The location of this camp has been a major factor in its development. The difficulties of access have greatly handicapped transportation to and from the various properties and the shipment of ore from them, particularly in the early days. Prior to 1917 all the supplies had to be carried in and all ore shipments taken out by packhorse over the Galloping Mountain trail. Later a snow trail was constructed with Government assistance to connect the camp with the Edgewood-Vernon road, and this new trail was employed to rawhide ore out during the winter months. The effect of this was to make all but the highest grade ore uneconomic since transportation costs on the ore amounted at that time to about \$30.00/ton. This fact is worth keeping in mind in the light of present day means of access and transportation, and suggests that perhaps there may still be commercially profitable ore in many of the old mines. In 1929 and 1930 the tractor road was improved and became passable, at least in part, for automobiles.

More recently the area was the subject of a fairly intense but relatively short lived exploration program in 1968 by International Mine Services, and apparently no serious follow-up of the initial exploration results was attempted. There is evidence on the ground as well as from the Government claim maps that other claims have been staked in the general area since the Peak claims of International Mine Services, however there appears to have been little work of significance done.

# PREVIOUS SURFACE EXPLORATION

As described earlier, a great deal of prospecting has been carried out over the last 80 years, much of it in the early days being directed towards the several mines and prospects listed above. In more recent time some further development and associated exploration was apparently carried out by Coast Explorations Ltd. in 1962 under the direction of Christopher Riley, P. Eng. This work appears to have been directed at a group of claims which consisted of an amalgamation of 48 mineral claims comprising seven distinct prospects. These were the Dictator, Potosi, Waterloo #3, Gold, Silver Spot #'s 3 and 4, Rampalo, and Payday. The program recommended by Riley was to consist of geological mapping, surface stripping and diamond drilling at an estimated cost of approximately \$100,000 for the initial stages. This writer does not have any detailed information as to how much of this program was completed but possibly further data might be available in the assessment files of the B.C. Department of Mines. In 1968 a large block of claims, approximately 209 in total, were staked by International Mine Services Ltd., one of the J.H. Hirshhorn group of companies, which extended from the Payday claims westwards to beyond the Waterloo properties. Lightning Peak itself was in the southern part of the property which also covered the Rampalo, Silver Lump, Lost Cayuse, Lucky Jim fraction, Thunder Hill, Killarney, First Chance, West Fork and Jim Hill crown grants, as well as the Potosi and several Silver Spot prospects. The work carried out by International Mine Services included establishment of a grid covering the whole property, and preparation of a topographic base map from aerial photographs which were used to provide control for a program of detailed geochemical soil sampling and geological mapping. Some geophysical surveys may also have been carried out. The writer has seen some of the data from this work but does not have access at the present to a complete set of results and data. The most interesting results probably relate to the geochemical surveys which apparently established several anomaly areas not obviously related to known workings

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PROPERTY FILE

or showings. Apparently a limited amount of trenching may have been done but sampling data, if any exists, from these trenches is not available. Other than this there appears to have been no concentrated or detailed follow-up of this data and no diamond drilling. The present Geo #1 and #2 claims cover at least three of the geochemical anomalies established by the International Mine Services Ltd. work.

# CONCLUSIONS

From the foregoing descriptions and review of previous data, both published and unpublished, the following conclusions can be drawn:

1. The geological setting of the Lightning Peak area is favourable for the development of lodes of silver with lesser values in gold, and also skarn type deposits carrying significant values in silver and copper with some values in gold, zinc, and lead. The most favourable rocks are probably the limestone members of the Anarchist Group which also includes other sedimentary and volcanic rocks and which, occupying a large part of the central Lightning Peak area, occur within a belt averaging a mile or more in width which extends in an east-west direction across the area.

2. Numerous prospects and mines were worked in earlier days but because of the high transportation costs only very high grade ore could be handled. The possibility exists that ore which would be economically viable for exploration and exploitation at the present time may exist in some of these workings.

3. The known mineral occurrences probably do not represent all of the mineralization which exists in the Lightning Peak area. Further exploration using modern geophysical and geochemical techniques will in all probability discover new mineral deposits.

4. The work by International Mine Services in 1968 detected several geochemical anomalies, apparently unrelated to known mineralization. As far as is known these anomalies have never been investigated nor drill tested and remain to be the subject of further exploration.

5. Although access to the property at the present time is still fairly difficult, the existing road could be upgraded to provide relatively easy transportation for any ore which may be discovered.

6. The general location of the area relative to the Trail smelter is a favourable factor in the economics of any future mining operation in the area.

# RECOMMENDATIONS

The present Geo #1 and Geo #2 mineral claims warrant further investigation and it is recommended that a preliminary program as outlined below be carried out.

The recommended program should consist of:

- (a) Establishment of control either by cleaning out part of the existing old picket line grid, or establishment of a new grid so that the property is covered with picket lines on a 400 ft. spacing.
- (b) The claims and immediately adjacent areas should be geologically mapped on a scale of 1" = 400'.
- (c) Of early importance will be the location and verification of the earlier geochemical anomalies delineated by International Mine Services. If it is found possible accurately to relocate some of the old pickets, then the areas of these anomalies can be established with reasonable accuracy. In this case the initial geochemical sampling should consist of soil sampling over the area of the earlier anomalies with samples being analysed for total copper, lead, zinc, and silver content. If these samples return comparable results to those from the earlier International Mine Services work, the rest of that earlier work can be taken as valid and used as a guide for more detailed sampling and geophysical work. In the event that there is insufficient correlation between the new results and the old ones, the grid will have to be completely resampled.
- (d) All of the streams draining the claims and immediately adjacent areas should be silt sampled. Initially samples should be taken at approximately 800 ft. intervals along the streams. The samples should be analysed for partial copper, lead, and zinc content. Follow-up sampling in areas of anomalous values should be at 200 ft. spacing.
- (e) A ground magnetometer survey and a suitable electromagnetic survey should be read over the entire grid. It is suggested that initially an EM-16 instrument might be suitable for this. Any anomalies detected will probably require additional checking with a second type of EM System.
- (f) Any mineralized areas and the areas of significant geochemical anomalies should be investigated initially by surface trenching and sampling.
- (g) Positive results from the initial program outlined above will require further follow-up work including diamond drill testing of targets developed. This will become the subject of a Second Stage Program to be decided upon and arranged later.

# COST ESTIMATES

The estimated costs of the recommended p	rogram are as follows:
Linecutting - 27 miles @ \$150.00	\$ 4,053.41
Geological Mapping - field geologist 1 month	2,000.00
Silts - say 75 samples @ \$3.50	246.00 262.50 08.50 1,508.50
Magnetometer Survey - 27 miles @ \$75.00/mile	2,025.00
EM-16 Survey - 27 miles @ \$100.00/mile	2,700.00
Prospector/helper - 1 month	1,200.00
Transportation - 4x4 truck rental - 1 month - other, fuel, etc.	600.00 450.00
Camp equipment, supplies	1,500.00
Dynamite, caps, etc.	100.00
Supervision, Consulting, Reporting, and Assessment filing, etc.	3,500.00
Contingency	1,500.00
Total Estimated Cost of Initial Program	\$21,136.91

Respectfully submitted,

SAWYER CONSULTANTS INC.

an J.B.P. Sawyer, R.Eng.

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# LIST OF REFERENCES

Cairnes, C.E., (1930) -

Lightning Peak Area, Osoyoos District, B.C. in Summary Report, Part A, Geological Survey of Canada.

Little, H.W. (1957) -Map 6-1957, Kettle River, Similkameen, Kootenay and Osoyoos Districts, British Columbia.

Riley, Christopher (1962) -Program of Development on the Lightning Peak Properties of Coast Explorations, Limited - internal Company report.

Riley, Christopher (1962) -

A Report on the Lightning Creek Property of the Paycheck Development Company - internal Company report.

# CERTIFICATE

## I, J.B.P. Sawyer, DO HEREBY CERTIFY:

- That I am a consulting geologist with business office at 1 425 Howe Street, Vancouver, B.C. V6C 2A9, and President of Sawyer Consultants Inc.
- (2) That I am a graduate in geology of Manchester University (B.Sc. -1953) and of the University of Western Ontario (M.Sc. - 1957).
- (3) That I am a Registered Professional Engineer (geological) in the Association of Professional Engineers of the Province of British Columbia, and have non-resident status with the Association of Professional Engineers of Manitoba, with permission to practice in that Province.
- (4) That I am a Fellow of the Geological Association of Canada (1965) and a Member of the Canadian Institute of Mining and Metallurgy (1960).
- (5) That I have practiced my profession as a geologist for the past twenty-three years.
- (6) That the information, opinions, and recommendations in the attached report are based on review of published reports and maps of the Geological Survey of Canada, and of private, unpublished reports, and on personal observations in the Lightning Peak area in the period June 28th to July 2nd, 1977.
- (7) That I own no interest in the shares or securities of Amore Minerals Inc.

J.B.P. SAWYER, P.E.

Dated at Vancouver, British Columbia, this 22nd day of July, 1977.

SAWYER CONSULTANTS INC.



July 27th, 1977

Mr. George G. Grauer, President, Amore Minerals Inc., 4 - 575 Richards Street, Vancouver, B.C.

Dear Mr. Grauer:

As per your recent request, I have reviewed briefly the work program carried out for Amore Minerals Inc. by Murray Swetz and Glen White on your Company's Ruth claims in the Kaslo area, B.C. It is apparent that although the pattern of work completed does not match exactly the divisions made between Phase I and Phase II by W.G. Hainsworth in his report of May 26th, 1977, the work completed to date has effectively demonstrated the desirability of a follow-up program.

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The work completed to date, as reported to me, includes prospecting, establishment of a grid of lines for control, geochemical soil sampling and EM-16 surveying over that grid. From the maps shown to me, it is apparent that some electromagnetic conductors do occur on the property and should be investigated further.

I have reviewed the geochemical results which you supplied and have carried out standard statistical determinations on the values for lead and silver which indicate that the threshold value for lead is 36 ppm and the threshold value for silver is 0.66 ppm. Using these figures it is apparent from inspection that a number of samples on the property returned anomalous values in lead or silver, or both of these elements. In addition, a number of samples also appear to be returning anomalous values in tungsten although, because of the overall level of detection of the method used, I have not applied statistical calculations to these. Without a detailed plot of the EM results, I am unable to make any meaningful correlation between geochemical anomalies and EM conductors, however in my opinion the work completed to date can be considered to be an effective first phase program.

Based on the above, it is my opinion that the geochemical and geophysical anomaly areas should be investigated in more detail. A suitable approach would be to carry out trenching on these anomalies to attempt to locate their source. In addition, it might also be useful to carry out some profile geochemical sampling in the trenched areas, particularly if the amount of mineralization revealed is insufficient to account for the anomalies detected. Trenches should be properly sampled, and geologically mapped.

In addition, it would probably be useful to do a limited amount of more detailed EM work over the conductive zones indicated by the EM-16 work.

The following is an estimate of costs for a suitable program as outlined above.

Tractor trenching - 25 hrs.@ \$40.00	\$1,000.00
Additional EM work	750.00
Additional geochemical sampling including profile sampling in trenched areas	500.00
Assaying	500.00
Dynamite, fuse, etc.	100.00
Camp supplies, fuel, transportation	1,000.00
Supervision, geological evaluations, etc.	2,500.00
Contingency	750.00
	\$7,100.00

We would be pleased to provide a more detailed report as you may require, after further study of the preliminary field data.

Respectfully submitted,

CONSULTANTS INC. SAWNÉR P.Eng. Sawver

JBPS:JF

# AMORE MINERALS INC.

## RUTH CLAIMS

# KASLO, BRITISH COLUMBIA

CALGARY, ALBERTA MAY 26, 1977

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W.G. HAINSWORTH, P. ENG.

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# PROPERTY LOCATION MAP ASSAY CERTIFICATE

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## W. G. HAINSWORTH

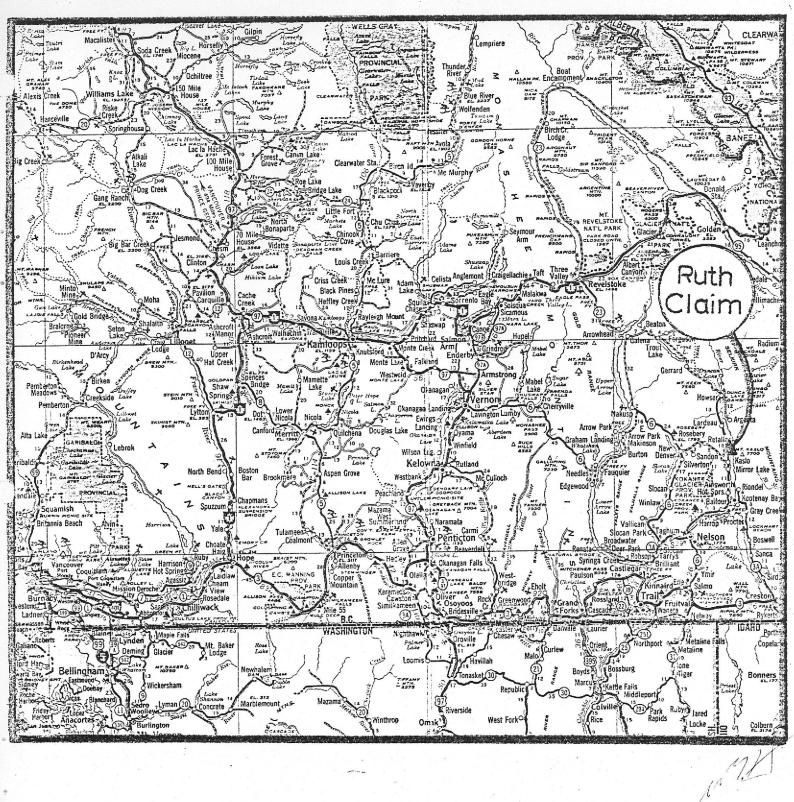
CONSULTING GEOLOGIST

## Introduction

At the request of Mr. Geo. Grauer, President of AMORE MINERALS INC., the writer has prepared this report on the merits of an acquired precious metal property in the Kaslo area of British Columbia, Canada.

The property was visited by the writer on April 14, 1977 in the company of M. Swetz, prospector and vendor of the claims.

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# AMORE MINERALS INC.

RUTH CLAIMS LOCATION Kaslo, B.C.

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## Location and Access

The RUTH claims lie some eight miles north of the town of Kaslo, British Columbia. It is within the Nelson Mining Division. From Vancouver to the AMORE ground it is approximately 575 miles.

The property is located astride the Lardeau-Kaslo Highway, an extension north along the west shore of Kootenay Lake of the Nelson-Kaslo Highway. At Schroeder Point a pathway follows Schroeder Creek west up the hillside. At a point 300 feet from the highway the main showing of the RUTH claims is evident.

## Property

The AMORE MINERALS INC. claims are composed of 4 claims involving 5 units. They are contiguous claims held by right of location.

The claims:

Name	Record No.	In Good Standing Until
RUTH #1	308 (1 unit)	November 26, 1977
RUTH #2	(TAG #35502) (1 unit)	May 13, 1978
RUTH #3	(TAG #35503) (2 units)	May 13, 1978
RUTH #4	(TAG #35504) (1 unit)	May 13, 1978.

The eastern portion of the Ruth #1, #2 and #4 claims extend into Kootenay Lake.

Co-ordinates of the claim group are North 50°02' and West

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116°54'. In the N.T.S. guide it is located on 82K/2W.

## History of the Area

The area forms part of the well-known Ainsworth-Kaslo mining belt. Settlement in the area in the 1880's was due to Kootenay Lake being a main transportation route. A California millionaire, George Ainsworth bought land south of Kaslo on the lake. It was he who located the first mineral claim in the area.

Although mining in the area proceeded prior to 1889, the first recorded production was documented that year. Six properties shipped 300 tons of ore which averaged 100 ounces of silver per ton.

The various producing properties in the area operated on a sporadic basis with only a few showing steady production. At the time of writing there are no producing properties. Interest in the area petered out in the 1960's. However the gradual climbing price of silver has once again created an interest in the old camp.

Production from this camp to 1964 and recorded from over 50 properties, totalled better than 750,000 tons.

In the early days of the camp one of the interesting features was the number of properties being worked by lessees on a royalty basis. It is stated that a good amount of production was recorded in this manner.

In the early 1950's the increase in the price of lead and zinc was instrumental in the location of a lead-zinc mine in the area. The Yale Lead and Zinc Mines Ltd. built a new mill in the area and operated until 1961.

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Geology

The Kaslo area, within which the RUTH claim are located, contains a complexly deformed group of sedimentary and volcanic rocks in various grades of regional metamorphism. They form part of the Kootenay arc, a major structural belt extending from Revelstoke south beyond the International Border. Within this area the sedimentary and flow rocks are truncated on the west by the Nelson Batholith, a granitic mass extending many miles to the west. Granitic sills along with mafic dykes and sills intrude the formations.

Rocks within the area near Kootenay Lake dip at moderate angles to the west and are split, according to government geologists, by strike faults running parallel to the regional foliation. In the immediate Kaslo area three of these significant faults divide the area into four elongated slices trending north and dipping to the west. In the Schroeder Creek area only two of these faults have been successfully located.

The first slice along the shore of Kootenay Lake is 2 to 3 miles wide near Kaslo and to the south passes beneath the lake. To the north it parallels the shoreline. It contains rocks of the Lardeau Group, which are in the highest grade of regional metamorphism. These rocks consist of fine-to mediumgrained mica schists commonly containing porphyroblasts of brown garnet and lenses of grey marble. In general this Lardeau Group lies to the west of the RUTH claims although isolated patches of the schists have been recognized on the claims.

Lying to the east of the Lardeau formation and in fault contact with it is the Hamill Group. This group comprises micraceous quartzites varying from white to predominately brown. Interfolded with the Hamill are grey and white medium-to coarsegrained marble of the Badshot Group.

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B.C. Government mapping of the Schroeder Creek area shows two phases of folding in the vicinity. Folds of both phases have essentially parallel axes plunging at low angles to the north. The first folds are isoclinal and cause complex repetitions of the Badshot Formation and the upper part of the Hamill Group. Unfortunately the Lardeau Group has no marker horizon and thus the folds could not be readily identified within it. The second folds are fairly open with axial planes dipping at low moderate angles to the west.

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The Schroeder Creek area is associated with a moderate grade of regional metamorphism. Garnets are said to be present but were not seen during the examination.

In the Ainsworth-Kaslo mining camp the mineralization was normally in the form of galena, sphalerite, pyrite and occasionally pyrrhotite in either vein form or replacement type. The main gangue minerals are quartz, calcite, siderite and fluorite. The RUTH showings are associated with the quartz vein type containing minor amounts of galena and sphalerite.

## Showings

The writer was attracted to making the examination when picked specimens brought in for examination ran 12.36 ounces of silver when assayed. An assay certificate of a sample taken by another local mining man ran 22.9 ounces of silver. Gold values were very light. The sulphides (lead and zinc) were not assayed by the writer.

The only showings presently known on the claim are confined to a relatively small area on RUTH #1. It is possible that with further prospecting more showings or old diggings will be exposed.

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The main showing consists of an old 6' by 6' shaft badly slumped in. Visible depth is 20 feet and it is unknown whether drifting was carried on from the bottom. The shaft was sunk on a quartz vein varying in size from 3" to 15", striking N 60° E and dipping 65° to the southwest. Sulphide mineralization is concentrated but spotty. Host rock is a dolomatized limestone. The vein continues to the northeast and is evident in an adjoining trench. Although the trench was sloughed in, the vein averaging 15" was followed for some 30 feet from shaft to the end of the trench. Another trench 20 feet to the north did not expose the vein. Nor was the vein exposed along a cliff face some 25 feet beyond the trench.

However a vein exposed in a trench 20 feet east of the above blank trench might be the offset version of the shaft vein or a parallel structure. It contained fine sphalerite mineralization and was traced back (north) for 15 feet to the cliff face where it appeared as a tight 3" quartz veinlet.

Some 50 feet to the west of the shaft showing old stripping has exposed a contact zone. Here the limestone is in rough contact with Lardeau formations. The sericitic schists are poorly interbedded. Where fractured they are heavily iron-stained. Minor amounts of sphalerite were noticed.

#### Comments

The property lies at the north end of a once recognized old silver mining camp. Its location is good from this standpoint.

The vein although carrying silver values is not strong nor continuous. Closer prospecting or trenching might reveal continuity.

The values as obtained from select samples are in the

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economical area.

There is no literature pertaining to the showing. The shaft would be some 30 to 40 years old and is in good condition for casual examination at the present time.

The writer was impressed with the silver values obtained and it is possible further pods of like values could be located. On this basis the writer recommends the property as one meriting further work.

### Recommendations

Little is known of the geology of the four RUTH claims. Therefore a geological survey of the property is recommended. Combined with this survey should be a cleaning out of the old shaft and trenches with subsequent sampling of the veins.

To locate any further mineralized veins a geochemical survey is recommended. This would be in the form of sampling all available stream sediments and taking soil samples on a large open grid. Some trenching could be done.

Should this Phase I program be successful in defining zones of economical interest, Phase II would be more detailed. Trenching and a geophysical survey of the electromagnetic variety would be recommended.

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# W. G. HAINSWORTH

CONSULTING GEOLOGIST

## Cost Estimates

# Phase I

Geological survey		\$ 3,500.00
Shaft and trench clean-up		1,500.00
Assaying		500.00
Geochemical survey		2,500.00
Preliminary trenching		2,000.00
Consultation and supervision		4,000.00
Contingency (15%)		2,000.00
	Total	\$16,000.00

# Phase II (Approximate Costs)

Intensive trenching	\$ 8,000.00
Line cutting (25 miles)	4,000.00
E.M. Survey	6,000.00
Consultation and supervision	5,000.00
Contingency (15%)	3,500.00
Total	\$26,500.00

# Respectfully submitted,

W.G. HAINSWORTH W. G. HAINSWORTH

CALGARY, ALBERTA MAY 26, 1977

	2	GENERA! - 46 -	L TESTING LABORATORIES DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD.
	TO:	MR. W. C. HAINSWORTH 518 - 510 West Hastings Street Vancouver, B.C.	1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE CERTIFICATE OF ASSAY
1958797			No.: 7703-1855 DATE: Mar. 24/77

We hereby certify that the following are the results of assays on:

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REFEREE AND OR OFFICIAL CHEMISTS FOR: Vancouver Merchants Exchange • National Institute Of Oilseed Products • The American Oil Chemists' Society OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade • Vancouver Merchants Exchange

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## W. G. HAINSWORTH

CONSULTING GEOLOGIST

## CERTIFICATE

- 1. I, WILLIAM G. HAINSWORTH, HEREBY CERTIFY:
- That I am a geologist residing at 3944 196th Street, Langley, British Columbia.
- 3. That I am a graduate of the University of Western Ontario, London, Ontario, with a B.Sc. degree and am a registered member of the Association of Professional Engineers of the Province of British Columbia.
- 4. That I have practised my profession for twenty-six years.
- 5. That I have no financial interest, either direct or indirect, in the subject properties, in the securities of Amore Minerals Inc., nor in that of any of their affiliates and that I do not expect to obtain any such interest.
- 6. That the information contained in this report is based on my personal knowledge of the general area and to examination of the property in question on April 14, 1977.

W.G. Hainsw W. G. HAINSWOR

MAY 26, 1977 Çalgary, Alberta The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this prospectus as required by Part VII of the Securities Act, and the regulations thereunder.

Director & Promoter

Director & Promoter

Dire romoter

H.a. G Director & Promoter

DATED: SEPTEMBER 8, 1977