

March 1, 1971

RECEIVED

PROSPECTUS

008404

MAR 31 1971 250,000 shares with a nominal or par value of 50¢

BRITISH COLUMBIA  
SECURITIES COMMISSION

GOLD RIVER MINES LTD. (NPL)

Incorporated under the laws of the Province of British Columbia

92H/10W  
92HNE018-05

Cousin Jack

PROPERTY FILE

## PLAN OF DISTRIBUTION:

Gold River Mines Ltd. (NPL) referred to as "the Company", offers Two Hundred and Fifty Thousand (250,000) of its common shares with a nominal or par value of 50¢ at forty-five cents (45¢) per share.

Shares of this issue may be sold by trading directors of the Company pursuant to the provisions of Section 7 (2) of the Securities Act, and registered securities salesmen who will receive Commissions as set forth below. No commissions will be payable with respect to shares sold by trading directors of the Company, except those directors who may also be registered securities salesmen. Shares of this issue may also be offered by persons and companies registered to trade in securities, within the Province of British Columbia.

250,000 SHARES	PRICE TO PUBLIC	COMMISSION	PROCEEDS TO COMPANY
Per Unit	45¢	11.25¢	33.75¢
Total	\$112,500.00	\$28,125.00	\$84,375.00

THERE IS NO EXISTING MARKET FOR THE SECURITIES OF THE COMPANY.

A PURCHASE OF THE SHARES OFFERED BY THIS PROSPECTUS MUST BE CONSIDERED A SPECULATION AS ALL OF THE PROPERTIES IN WHICH THE COMPANY HAS AN INTEREST ARE IN THE EXPLORATION AND DEVELOPMENT STAGE ONLY. THE COMPANY'S PROPERTIES ARE ALL WITHOUT A KNOWN BODY OF COMMERCIAL ORE.

NO SURVEY OF ANY PROPERTY, EXCEPT FOR THE CROWN GRANTED MINERAL CLAIMS, OF THE COMPANY, HAS BEEN MADE AND THEREFORE IN ACCORDANCE WITH THE MINING LAWS OF THE APPROPRIATE JURISDICTION IN WHICH THE PROPERTY IS SITUATE, THE EXISTENCE OF AND THE AREAS OF SUCH PROPERTY COULD BE IN DOUBT.

THIS PROSPECTUS IS NOT, AND UNDER NO CIRCUMSTANCES IS TO BE CONSTRUED AS, A PUBLIC OFFERING OF SHARES FOR SALE IN THE UNITED STATES OF AMERICA, OR IN ANY OF THE TERRITORIES OR POSSESSIONS THEREOF.

NO SECURITIES COMMISSION OR OTHER SIMILAR AUTHORITY IN CANADA HAS IN ANY WAY PASSED UPON THE MERIT OF THE SECURITIES OFFERED HEREUNDER AND ANY REPRESENTATION TO THE CONTRARY IS AN OFFENCE.

NO PERSON IS AUTHORIZED BY THE COMPANY TO GIVE ANY INFORMATION OR TO MAKE ANY REPRESENTATIONS OTHER THAN THOSE CONTAINED IN THIS PROSPECTUS IN CONNECTION WITH THE ISSUE AND SALE OF THE SECURITIES OFFERED BY THE COMPANY.

THE NUMBER OF SHARES ISSUED TO THE COMPANY'S PROMOTERS, DIRECTORS, OFFICERS AND CONTROLLING PERSONS FOR CASH, PROPERTY AND SERVICES EQUALS 48.32 PERCENT OF THE SHARES THAT WILL BE OUTSTANDING UPON COMPLETION OF THIS OFFERING, WHEREAS 20.48 PERCENT OF THE SHARES OUTSTANDING UPON COMPLETION OF THIS OFFERING WILL HAVE BEEN ISSUED TO THE PUBLIC FOR CASH.

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GOLD RIVER MINES LTD. (N. P. L.)

HEAD OFFICE:	210 - 660 Howe Street, Vancouver 1, B.C.
REGISTERED OFFICE:	510 - 890 West Pender Street, Vancouver, B.C.
REGISTRAR AND TRANSFER AGENT:	Guaranty Trust Company of Canada, 540 Burrard Street, Vancouver, B.C.
AUDITORS:	Bock W. Yip, Chartered Accountant, Ste. 410, 355 Burrard Street, Vancouver, B.C.
SOLICITORS:	Poyner, Gibbons & Barrett, 510 - 890 West Pender Street, Vancouver, B.C.

**GOLD RIVER MINES LTD. (NPL)**

**CROSS REFERENCE SHEET**

Form 10

**SECURITIES ACT**

**1967**

1	Distribution Spread	See Front Cover
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**COMPANY'S BUSINESS**

The principal business of the Company is the acquisition, exploration and development of mineral properties.

**MINERAL PROPERTIES**

**COUSIN JACK GROUP**

The Company is the recorded and beneficial owner of a number of located mineral claims and mineral leases, situate in the Similkameen Mining Division, immediately northwest of the north end of Otter Lake on the railroad between Princeton and Merritt which located mineral claims and mineral leases are more particularly known and described as follows:

**(A) LOCATED MINERAL CLAIMS**

NAME OF CLAIM	RECORD NUMBER
Tex 1 - 10 inclusive	29194 - 29203 inclusive
Hope 1 & 2	29022 and 29023
Pit 1 & 2	29024 and 29025
Hawk 1 - 4 inclusive	29026 - 29029 inclusive
Ken 1 & 2	29030 and 29031
J.M. 1 & 2	28204 - 28205

**(B) MINERAL LEASES**

- M 82 covering Claim Cousin Jack, being Lot No. 263
- M 83 covering Claims Morning, Oshkosh, Winnibego, Black Bird, Berlin Fr., Anaconda, Ymir, being Lots No. 265, 266, 267, 268, 269, 373 and 264.
- M 84 covering Claim Freddie Burn, being Lot No. 270.
- M 87 covering Claims Constitution and International, being Lots No. 282 and 283,

(All of the above located mineral claims and mineral leases are hereinafter referred to as "the Cousin Jack group".)

The said Tex 1 - 10 mineral claims were acquired by the Company pursuant to an agreement dated December 15, 1970 and made between Donald William Beban, Norman Wong, Marty Thomson, Nick Sanzalone, Mrs. Sarah Watson, Robert Peters, Frederick W. Espley, Kenneth James Chester and Richard Chapman, as Vendors, and the Company as Purchaser. Marty Thomson, Sarah Watson and Kenneth James Chester are Directors of the Company. The consideration paid by the Company for the acquisition of the said Tex 1 - 10 claims was the sum of Three Hundred and Seventy Dollars (\$370.00) and the issuance of Seven Hundred Thousand (700,000) shares of the Company. The said Vendors expended the sum of approximately Four Hundred Dollars (\$400.00) to acquire the claims. The said Seven Hundred Thousand (700,000) shares of the Company were divided among the Vendors as follows:

Donald William Beban	25,000 shares
Norman Wong	50,000 shares
Marty Thomson	125,000 shares
Nick Sanzalone	25,000 shares
Mrs. Sarah Watson	175,000 shares
Robert Peters	25,000 shares
Frederick W. Espley	75,000 shares
Kenneth James Chester	175,000 shares
Richard Chapman	25,000 shares

The said Hope, Pit, Hawk and Ken claims were staked directly by the Company.

The Company acquired the JM 1 and 2 located mineral claims and mineral leases Numbers 83, 84, and 87 pursuant to an agreement dated October 1st, 1970 and made between Marco Kreklo and John Strebchuk, as Vendors, and the Company, as Purchaser, in consideration for the sum of Twenty Five Hundred Dollars (\$2500.00) and the issuance of Fifty Thousand (50,000) shares of the Company.

The Company was assigned an option to purchase Mineral Lease Number M 82 from Kenneth J. Chester, in consideration for the sum of One Hundred Dollars (\$100.00), pursuant to an agreement dated October 28, 1970. The head Option Agreement, dated September 26, 1970, was made between Richard Chapman, as Optioner, and Kenneth J. Chester, as Optionee. Pursuant to the terms of the said Option Agreement, the Optionee had to pay One Hundred Dollars (\$100.00), upon the execution of the said agreement, and the sum of Nine Hundred Dollars (\$900.00) within thirty (30) days of the said agreement. Kenneth J. Chester paid the said sum of One Hundred Dollars (\$100.00) at the time of the execution of the said agreement, and the Company exercised the option by paying the sum of Nine Hundred Dollars (\$900.00) within the thirty-day period.

The Company also staked an additional four claims in the Similkameen Mining Division, more particularly known and described as JT 1 - 4 inclusive, record numbers 29013 to 29016 inclusive. The JT claims do not form a part of the Cousin Jack group.

**THE PAUL GROUP**

The Company is the recorded and beneficial owner of the following located mineral claims, situate in the Alberni Mining Division, in the Province of British Columbia, more particularly known and described as follows, namely:

NAME OF CLAIM	RECORD NUMBER
Paul 1 - 6 Inclusive	16093 - 16098 inclusive
Paul 8 - 12 inclusive	16099 - 16103 inclusive

The Paul claims were acquired by the Company pursuant to an agreement dated September 10, 1970, and made between Robert Kane, as Vendor, and the Company, as Purchaser, in consideration for the sum of One Thousand Dollars (\$1,000.00) and an agreed-on royalty of five percent (5%) of the net smelter returns produced from the said mineral claims.

The Paul claims expire in the month of February and March, 1971, and, unless the Company performs the necessary assessment work on the claims, the claims will be forfeited. The Company, at this time, does not intend to perform the assessment work on the claims and it is therefore anticipated that the claims will be forfeited during the months of February and March, 1971.

As the Company does not intend to maintain the Paul claims, no further reference will be made to the said claims in this Prospectus.

**ACCESS**

Access to the Cousin Jack group is by road from Princeton, which is a distance of approximately 20 miles.

**HISTORY**

In his report to the Company dated December 15, 1970, J.A. Mitchell, P.Eng., reports that the Cousin Jack group was originally staked in 1901 and has had several owners and intermittent work in the form of trenches, short adits, and one shaft, since filled in. None of this work was very conclusive and the potential of the property has not been thoroughly tested. A detailed history of the Cousin Jack group is contained in the said report of J.A. Mitchell, P. Eng., which report is annexed hereto and forms a part of this Prospectus.

**RECENT EXPLORATION**

There has been no recent exploration on the Cousin Jack claim group. Except as set forth in the said report of J.A. Mitchell, P. Eng., there has been no underground exploration and development on the Cousin Jack group and there is no underground plant and equipment on the said claims.

**PROPOSED PROGRAM OF EXPLORATION ON THE COMPANY'S PROPERTIES**

The recommended exploration program on the Cousin Jack claim group consists primarily of geological mapping, soil sampling, trenching, and diamond drilling, and is set out in the Engineering Report of J.A. Mitchell, P. Eng., which report is annexed hereto and forms a part of this Prospectus.

**USE OF PROCEEDS**

The sum of Eighty-four Thousand, Three Hundred and Seventy-five Dollars (\$84,375.00) to be derived from the sale of shares of this Prospectus, together with the sum of Twenty-Five Hundred Dollars .....(\$2,500.00) ..... already in the Company's treasury, will be used to implement the recommendations contained in the said report of J.A. Mitchell, P. Eng., which are as follows:

**STAGE 1**

1. Base map from existing aerial photography . . . . .	\$1,500.00
2. Geological mapping on base map, Geologist and assistant up to 2 months, living costs included . . . . .	4,500.00
3. Soil sampling selected portions of claim group on lines 400 feet apart at right angles to shearing and sampling at 100 foot intervals. Determinations for copper, lead, zinc and silver . . . . .	3,000.00
4. Staking additional claims . . . . .	1,500.00
5. Bulldozing new road and soil anomalies or geological structures . . . . .	6,500.00
6. Preliminary Diamond Drilling, allow for 1,000 feet at \$12.00 per foot . . . . .	12,000.00
7. Miscellaneous accommodation, transport, and communications . . . . .	<u>2,000.00</u>
	\$31,000.00

After evaluating the results of the Stage 1 operation it should be possible to determine more realistically than at present what should be done under Stage 2, but the following tentative costs are submitted.

**STAGE 2**

1. Additional soil sampling as an extension of Stage 1 program . . . . .	4,000.00
2. E.M. or I.P. depending on whether vein or disseminated situations are indicated by soil sampling and geological mapping, allow . . . . .	5,000.00
3. Additional Bulldozing, allow . . . . .	3,000.00
4. Additional Diamond Drilling, allow . . . . .	24,000.00
5. Miscellaneous accommodation, transport, and communications, allow . . . . .	3,000.00
6. Geological Supervision, core logging, assaying, allow . . . . .	<u>3,000.00</u>
	\$42,000.00
Total Stages 1 and 2	\$73,000.00
Contingencies 10%	<u>7,000.00</u>
	<u>\$80,000.00</u>

The balance of the monies to be raised and on hand, namely Six Thousand, Eight Hundred and Seventy Five Dollars (6,875.00), will be used to offset administrative, legal and audit expenses for the ensuing year.

The Company may abandon, in whole or in part, any of its properties, but only on the advice of its consulting engineer. The Company may also alter, as work progresses, the work program recommended or may make arrangements for the performance of all or any portion of such work by other persons or companies, and may use any monies so diverted for the purpose of conducting work or examining other properties acquired by the Company after the date of this Prospectus, although the Company has no present plans in this regard. If any such event occurs, during primary distribution of the shares referred to in this Prospectus, an Amendment to this Prospectus will be filed.

If the actual proceeds received from the sale of the securities offered hereby prove insufficient to accomplish the purposes set out above, the Company intends to proceed firstly with Phase 1 and secondly with Phase 2, as recommended by J.A. Mitchell, P. Eng., in his report dated December 15, 1970.

No part of the proceeds derived from this issue of shares, or any funds already in the Company's treasury, will 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 the securities offered by this Prospectus may be sold.

Should the Company propose to use the said proceeds to invest, underwrite or trade in non-trustee type securities after the initial distribution of the securities offered by this Prospectus, approval by the Shareholders shall first be obtained and disclosure made to the regulatory securities bodies having jurisdiction over the sale of the securities offered by this Prospectus.

**INCORPORATION**

Gold River Mines Ltd. (NPL) was incorporated on the 9th day of April, A.D. 1970, under the Companies Act of the Province of British Columbia, by Memorandum of Association. The Company converted from a private to a public company on February 26, 1971.

**PRELIMINARY EXPENSES**

The Company incurred preliminary expenses since incorporation totalling \$11,859.00. \$1,869.00 of this amount was attributable to administrative expenses, \$1,344.00 related to incorporation expenses and the balance was used to cover exploration and development costs. It is not anticipated that the Company will incur any further preliminary expenses.

## SHARE CAPITAL AND CAPITALIZATION

The authorized capital of the Company is \$1,500,000.00, divided into 3,000,000 shares of the nominal or par value of 50¢ each. There is only one class of shares and all rank equally as to dividends, voting rights and participation in assets.

SHARE CAPITALIZATION	OUTSTANDING AS AT DEC. 31, '70	OUTSTANDING AS AT JAN. 29, '71	OUTSTANDING ON COMPLETION OF THIS OFFERING
3,000,000	956,005	971,005	1,221,005

## PRIOR SALES

The following table relates to shares of the Company sold for cash since its incorporation.

NUMBER OF SHARES	PRICE	CASH RECEIVED	COMMISSION
5	50¢	2.50	nil
221,000	10¢	22,100.00	nil

All of the shares issued for cash have been pooled with the Guaranty Trust Company of Canada, 540 Burrard Street, Vancouver, B.C., until 30 days from the date of completion of primary distribution of the shares offered under this Prospectus.

In addition to the shares sold for cash, the Company has issued 750,000 shares, in consideration for property interests obtained by the Company, since its incorporation (see heading "Escrowed Shares").

## ESCROWED SHARES

Certificates representing 750,000 shares of the Company issued for mining property (and representing 77.24% of the shares which have been issued prior to this offering) are held in escrow by the Guaranty Trust Company of Canada, 540 Burrard Street, Vancouver, B.C. These shares cannot be sold, assigned or transferred without prior written consent of the Superintendent of Brokers of the Province of British Columbia. If the Company loses or does not obtain a marketable title to, or abandons or discontinues development of the property, which was the consideration for the shares in escrow, or in the event that the property is not as represented, the holders of the escrowed shares have agreed to advise the Superintendent of Brokers and to surrender by way of gift to the Company such numbers of escrowed shares as the Superintendent of Brokers may deem fair and equitable.

DESIGNATION OF CLASS	NUMBER OF SHARES IN ESCROW AS AT JANUARY 29, 1971	PERCENTAGE OF CLASS
Common Shares	750,000	77.24%

## PRINCIPAL HOLDERS OF SECURITIES

The following table sets forth particulars of all persons or companies who own of record or are known by the Company to own beneficially, directly or indirectly, more than 10% of the issued common shares of the Company.

NAME & ADDRESS	DESIGNATION OF SHARES	TYPE OF OWNERSHIP	NUMBER OF SHARES OWNED AS AT JANUARY 29, 1971	PERCENTAGE OF CLASS
Kenneth J. Chester 1341 Paula Place Port Coquitlam, B.C.	common	Direct of Record & Beneficial	195,002	20.09%
Frederick W. Espley 4982 Main Street Vancouver, B.C.	do.	do.	105,000	10.81%
Marty D. Thomson 707 - 1111 Beach Ave., Vancouver, B.C.	do.	do.	155,001	15.96%
Sarah C.C. Watson 3339 Garden Drive, Vancouver, B.C.	do.	do.	240,000	24.92%

The following table sets forth particulars with respect to the percentage of the shares of the Company beneficially owned, directly or indirectly, by all Directors and senior officers of the Company as a group.

DESIGNATION OF CLASS	NUMBER OF SHARES BENEFICIALLY OWNED AS AT JANUARY 29, 1971	PERCENTAGE OF CLASS
Common Shares	590,003	60.77%

## DIRECTORS AND OFFICERS

NAME AND ADDRESS	OFFICE HELD	PRINCIPAL OCCUPATION DURING PRECEDING 5 YEARS
Kenneth James Chester 1341 Paula Place Port Coquitlam, B.C.	PRESIDENT & DIRECTOR	Securities Salesman with Waite, Reid & Co., 1966-67; Securities Salesman with Elphick Securities Ltd., 1967 to July, 1970 and Securities Salesman with Burleigh & Partners Ltd., since July, 1970.
Marty D. Thomson 707 - 1111 Beach Avenue, Vancouver, B.C.	SECRETARY & DIRECTOR	Student, and employed in various jobs as Office Worker, Sales Trainee, Surveyor's Helper, and Core Splitter.
Sarah C.C. Watson 3339 Garden Drive Vancouver, B.C.	DIRECTOR	Owner-Manageress of Gresham Hotel, Vancouver, B.C.

## REMUNERATION

No remuneration has been paid to any of the Company's officers or Directors as such since its incorporation and no remuneration will be paid during the current fiscal year to the directors and officers of the Company, in their capacities as such.

## PROMOTERS

The Directors of the Company, acting in their capacities as such, are considered to be the promoters of the Company as defined by the Securities Act, 1967. In consideration for the transfer of the Tex 1 - 10 mineral claims, the promoters of the Company received the following shares, namely:

Kenneth James Chester	- 175,000 shares
Marty D. Thomson	- 125,000 shares
Sarah C.C. Watson	- 175,000 shares

## OTHER MATERIAL FACTS

There are no other material facts relating to the securities offered by this Prospectus which are not disclosed under the foregoing captions.

## STATUTORY RIGHTS OF WITHDRAWAL AND RESCISSION

Sections 61 and 62 of the Securities Act, 1967 (British Columbia) provides in effect, that where a security is offered to the public in the course of primary distribution:

(a) a purchaser has a 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 British Columbia Securities Commission, was not delivered to him or his agent prior to delivery to either of them of the written confirmation of the sale of the securities. Written notice of intention to commence an action for rescission must be served on the person who contracted to sell within sixty (60) days of the date of delivery of the written confirmation but no action shall be commenced after the expiration of three (3) 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 ninety (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.

**CERTIFICATES**

**DIRECTORS AND PROMOTERS**

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, 1967, and the regulations thereunder.

Dates this 1st day of March, A.D. 1971.

"KENNETH J. CHESTER"

Kenneth J. Chester,  
Director and Promoter

"MARTY THOMSON"

Marty Thomson,  
Director and Promoter

"SARAH WATSON"

Sarah Watson,  
Director and Promoter

**GOLD RIVER MINES LTD. (N. P. L.)**

**FINANCIAL STATEMENTS**

**AS AT DECEMBER 31, 1970**

**BOCK W. YIP** CHARTERED ACCOUNTANT - STE. 410 - 355 BURRARD ST., VANCOUVER 1, B.C. 688-4945



BOCK W. YIP

CHARTERED ACCOUNTANT

Ste. 410 - 355 Burrard St., Vancouver 1, B.C. 688-4945

AUDITOR'S REPORT

To The Directors,  
Gold River Mines Ltd. (N.P.L.)

I have examined the balance sheet of Gold River Mines Ltd. (N.P.L.) as at December 31, 1970 and the statements of deferred expenditures and source and application of funds for the period from inception (April 9, 1970) to that date. My examination included a general review of the accounting records and other supporting evidence as I considered necessary in the circumstances.

I have not verified the company's mineral claims directly with the Government Registry Office but have accepted the solicitor's opinion that the company is the beneficial owner of all mineral claims recorded in its accounts.

Subject to the foregoing, in my opinion, the statements mentioned above present fairly the financial position of the company as at December 31, 1970 and its source and application of funds for the period then ended in accordance with generally accepted accounting principles.

"BOCK W. YIP"

Bock W. Yip  
Chartered Accountant

January 25, 1971  
Vancouver, Canada.

GOLD RIVER MINES LTD. (N.P.L.)

BALANCE SHEET

As at December 31, 1970

ASSETS

Cash (Note 2)		2,473
Mineral Claims and Leases (Note 1)		12,700
Deferred Expenditures — per statement		
Exploration and Development	8,646	
General and Administrative	<u>1,869</u>	10,515
Equipment		
Field	1,309	
Office	<u>217</u>	1,526
Incorporation Expenses		<u>1,344</u>
		<u>28,558</u>

LIABILITIES

Accounts Payable	456
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SHAREHOLDERS' EQUITY

Share Capital Authorized				
3,000,000 shares, par value 50¢ each			<u>1,500,000</u>	
Issued				
	SHARES	PAR VALUE	DISCOUNT	NET PROCEEDS
for claims	750,000	375,000	367,500	7,500
for cash	206,005	103,002	82,400	20,602
	<u>956,005</u>	<u>478,002</u>	<u>449,900</u>	<u>28,558</u>

Approved on behalf of the Board:

"KENNETH J. CHESTER" — Director

"MARTY THOMSON" — Director.

BOCK W. YIP, Chartered Accountant,  
Ste. 410 - 355 Burrard Street, Vancouver 1, B.C.  
688-4945

## STATEMENT OF DEFERRED EXPENDITURES

Exploration and Development		
Assaying and Sampling	321	
Camp Supplies	1,297	
Drilling	338	
Engineering and Consulting	739	
Licenses	200	
Maps and Reports	16	
Prospecting	820	
Recording Fees	174	
Travelling	1,310	
Vehicle Rentals and operations	836	
Wages and benefits	<u>2,595</u>	
	<u>8,646</u>	
General and Administrative		
Accounting	20	
Bank charges	18	
General administration	111	
Legal	856	
Office Rent	336	
Office supplies	77	
Promotion and entertainment	111	
Telephone and telegraph	<u>340</u>	
	<u>1,869</u>	

## STATEMENT OF SOURCE AND APPLICATION OF FUNDS

Source of Funds		
Proceeds from sale of shares (Note 2)		28,102
Application of Funds		
Acquisition of Mineral claims (Note 1)	12,700	
Acquisition of field equipment	1,309	
Acquisition of office equipment	217	
Incorporation expenses	1,344	
Deferred Expenditures (above)		
Exploration and development	8,646	
General and administrative	<u>1,869</u>	26,085
		<u>2,017</u>

## NOTES TO THE FINANCIAL STATEMENTS

## Note 1 — Mineral Claims and Leases

The company holds 10 mineral claims in the Alberni Mining Division acquired for \$1,000 cash

1,000

The company holds 26 mineral claims and 4 mineral leases in the Similkameen Mining Division acquired as follows:

10 claims for the issue of 700,000 shares of the company (to be held in escrow by Guaranty Trust Company of Canada) at a deemed price of 1¢ per share and \$370 cash

7,370

2 claims and 3 leases for \$2500 cash and the issue of 50,000 shares of the company (to be held in escrow by Guaranty Trust Company of Canada) at a deemed price of 1¢ per share

3,000

1 lease for \$1000 cash

1,000

14 claims for the cost of staking

33012,700

## Note 2 — Share Capital

Subsequent to December 31, 1970 the company issued an additional 15,000 shares at 10¢ per share, generating an additional \$1500 to the company's treasury.

# REPORT ON COUSIN JACK GROUP OF GOLD RIVER MINES

Similkameen Mining Division, British Columbia, Canada

By J.A. MITCHELL, P. Eng.

West Vancouver, B.C.

December 15, 1970.

## INTRODUCTION

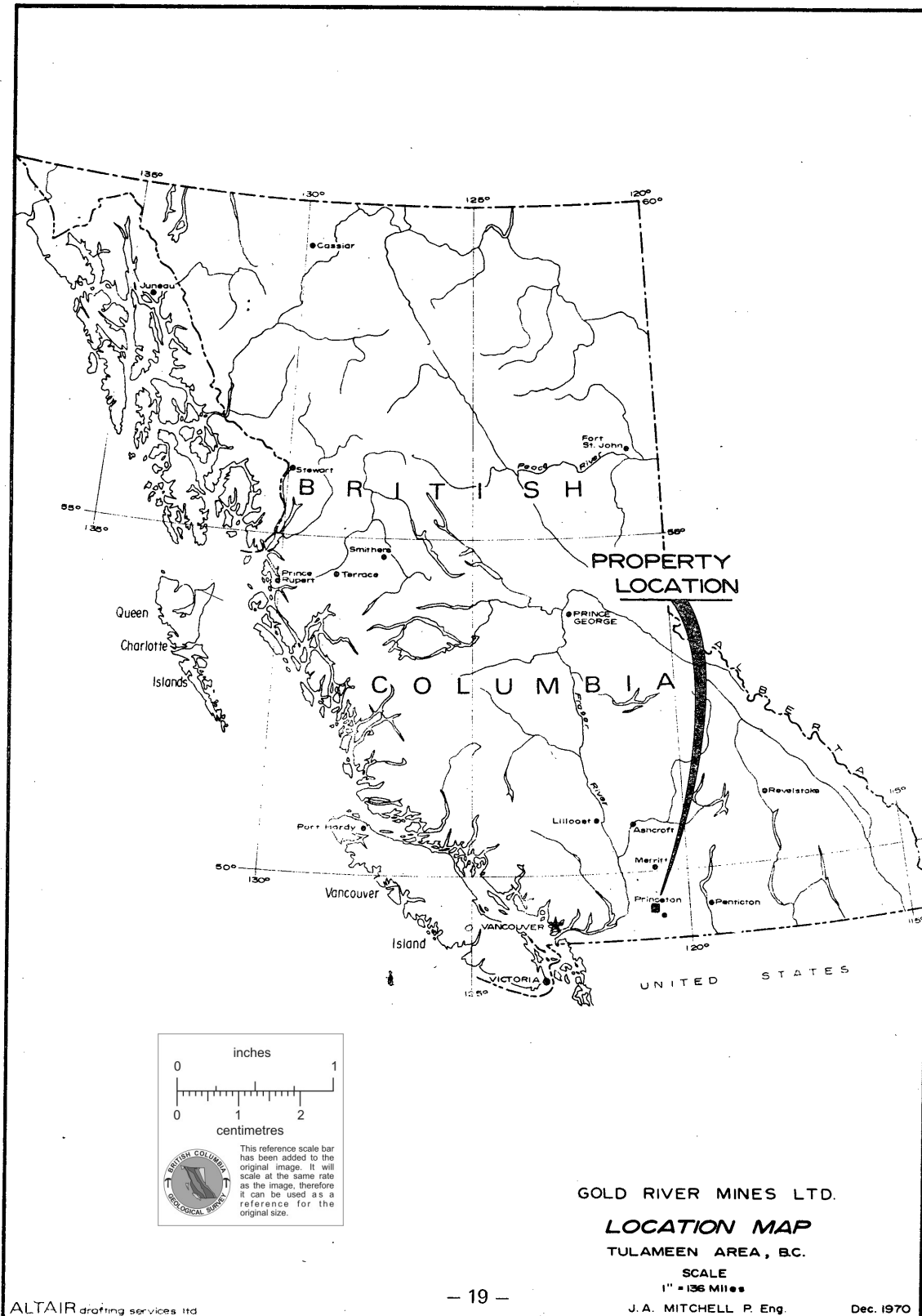
The following report is made at the request of officials of Gold River Mines Ltd. (N.P.L.). An examination of the property was made on September 7th, 1970 at which time cuts and tunnels on the Cousin Jack and adjoining Mineral Leases and on two claims staked to the south-west of the Cousin Jack were examined. Studies subsequently made of reports in the Minister of Mines Reports, specifically those for 1933, 1934, and 1937 would indicate that not all the old workings were examined. On the other hand there are no published reports on the copper occurrences that have come to the attention of the writer.

## PROPERTY

The property consists of the Cousin Jack L263, Mineral Lease M 82; Ymir L264, Mineral lease M 83, Morning L265, Mineral Lease M 83, Oshkosh L266, Mineral Lease M 83, Winibago L267, Mineral Lease M 83, Black Bird L268, Mineral Lease M 83, Berlin Fraction L269, Mineral Lease M 83, Anaconda L373, Mineral Lease M 83, Freddie Burn L270, Mineral Lease M 84, Constitution L282, International L283, and the following claims Hope # 1 and # 2, Ken # 1 and # 2, Pit # 1 and # 2, and Hawk # 1 - # 4 record numbers 29022 - 29031 J.M. # 1 - # 2 record numbers 28204 - 28205. Also included are Tex # 1 - # 10. R.N. 29194 - 29203.

## LOCATION AND ACCESSIBILITY

These claims are situated in the Similkameen Mining Division immediately north-west of the north



end of Otter L. on the railroad between Princeton and Merritt. The coordinates are 120° 48' W. longitude, 49° 37' N. latitude as shown on map 889A of the Geological Survey of Canada. Memoir 243, Geology and Mineral Deposits of the Princeton Map-Area, British Columbia by H.M.A. Rice.

The property can be reached by good motor road which parallels the railway and thence by old logging roads. The distance from Princeton where most facilities are available is about twenty miles.

### PHYSIOGRAPHY

The area is one of gently sloping, well timbered and bushy hills. Rainfall is moderate and the temperature is moderately high in summer and moderately low in winter. The elevation of the claims is about 4,500 feet and overburden is residual soil and is not heavy.

### HISTORY

It is recorded that the Cousin Jack group was originally staked in 1901 and has had several owners and intermittent work in the form of trenches, short adits, and one shaft since filled in. None of this work was very conclusive and the potential of the ground has not been thoroughly tested.

The following, extracted from the Minister of Mines Reports for British Columbia and because of the authorship considered reliable and factual is reproduced here to throw light on the history but in doing so it will indicate that the author of the two reports apparently considered the property worthy of further attention. The other author made no comment regarding the property's worth.

### MINISTER OF MINES REPORT 1933

Page A173 by Philip B. Freeland

"This group of nine claims, about 2 miles directly west of Manning, on the Kettle Valley Railway, on the Elliott Creek slope of Spearing Mountain, includes the Cousin Jack, Yankee Girl, Ottawa, Homestead, Canadian Girl, Florence and Wisconsin. It has been acquired by Jack Osborne and associates, of Tulameen and Blakeburn. Development work was done on certain claims of this group prior to 1901, and from then spasmodically until 1933, when the new owners cleaned out the workings and, according to reports, found five parallel veins within a distance of 2,400 feet, striking north-west and dipping about 75° south-west into the hill, with a difference in outcrop elevation of approximately 200 feet. According to a plan, an old, crosscut tunnel, now reported to have been driven 300 feet at an elevation of approximately 4,600 feet, will intersect the downward extension of these veins, if continuous, at a depth on No. 1, 100 feet; No. 2, 125 feet; No. 3, 250 feet; No. 4, 265 feet; and No. 5, 325 feet, at a distance in from the portal of 600 feet, 1,200 feet, 2,200 feet, and 3,000 feet respectively. No. 1 vein is 4 feet wide and has a shaft of unknown depth sunk on it. No. 2 vein is 4 feet wide and contains some galena. No. 3 vein is 2 feet wide, mostly quartz, and a 75 foot tunnel across it. No. 4 vein is reported to be 6 feet wide and contains values in gold, silver, lead, and zinc in a quartz gangue, amounting to \$37.66 per ton. A 75 foot crosscut tunnel has been driven through this vein close to the surface. About No. 5 vein there is no record of widths or values. The veins occur in and conform to the bedding of the schistose rocks, which are assigned by Camsell to the Tulameen series (Triassic (?)). Other similar types of veins are found on the Ottawa, about 4,000 feet west of the above outcrops, and may be an extension on the strike. When this area was visited in 1922, a cursory examination was made of the Cousin Jack group, and although the workings were caved the amount of oxidation was impressive. Samples taken by the Provincial Mineralogist in 1901, presumably over a 6 foot width, assayed: Gold, 0.12 oz. per ton; silver, 0.60 oz. per ton; so it seems likely that recent samples taken by the owners included fairly high percentages of lead and zinc. The latter mineral apparently carries the gold, because all samples containing a high percentage of zinc are correspondingly high in the precious metal. The attention of those interested has been called before to the strong indications of mineral following the contacts of the Otter, Boulder granite, and Eagle granodiorite, and the Tulameen series of rocks (see Camsell's map 46A), which make their appearance on Rabbitt mountain, Spearing mountain, and at Law camp, as well as in other sections throughout this region that appear to warrant some exploration".

### MINISTER OF MINES REPORT 1934

Page D21 by Philip B. Freeland

"The rocks exposed on the claims (see map) consist of chloritic schists of the Tulameen series mentioned in Geological Survey of Canada Memoir No. 36, 1911, which strike generally in a northerly and southerly direction and dip from 15 to 25 degrees westerly. Conforming to the strike and dip of The rocks, two or more parallel quartz veins with free walls occur, varying from 2 inches to 6 feet in width and containing pyrite, galena, and sphalerite.

On the surface for about 2,500 feet numerous open-cuts, shallow shafts, and two crosscut adits, 75 and 100 feet long respectively, have been driven along the strike of the veins. On an adjoining claim south and about 1,000 feet from the Cousin Jack workings the same vein system has been uncovered by a 100-foot crosscut and 70-foot drift. All the underground workings except the shaft on the Berlin Fraction are crosscuts. The flat-dipping schists do not permit drifting on the vein from the surface except to the north.

A general sample of the ore taken from the 75-foot adit on the Cousin Jack assayed: Gold, 0.20 oz. per ton; silver, 0.10 oz. per ton; lead, 0.70 per cent. A sample taken across 18 inches of vein-matter at the collar of the Berlin Fraction shaft assayed: Gold, 0.20 oz. per ton; silver, 0.50 oz. per ton; as well as lead and zinc.

The general mineralization in the Tulameen series of rocks adjacent to the Otter and Boulder granite and the Eagle granodiorite, which often carries gold as well as base metals, appears to warrant attention."

## MINISTER OF MINES REPORT 1937

Page D27 By M.S. Hedley

"The rocks are members of the Tulameen series, intruded by Boulder granite. The showings lie 1,000 feet to 1,500 feet north-west and west of the granite-contact, in greenstone which is more or less sheared. The shearing, the planes of which dip westerly at angles between 15 and 25 degrees, is locally so intense as to produce a chlorite-sericite schist, and when most intense the rock is pyritic. Mineralization is in four well-defined zones that strike west of north and in part follow the dip of the schistosity and in part are nearly vertical. Two isolated exposures may indicate two additional zones which have not been traced.

The most westerly zone is traceable for some 1,200 feet and is opened up by two adits and a number of open-cuts. No. 1 adit (1), elevation 4,235 feet, is 70 feet long, in addition to which there is an 18-foot open-cut at the portal. Mineralization includes chiefly pyrite and sphalerite and a little galena in varying proportions in quartz and silicified greenstone. It occurs as impregnation and replacement of the schistose greenstone and only to a minor extent as fissure-filling by quartz. Some of the material is banded, evenly, or warped and convoluted. Width and attitude are uncertain, because the mineralization both cuts across and follows the planes of schistosity. The strongest section is at the portal and is lost in the bottom of the adit; throughout the adit are bands, stringers, and masses, individually up to 2 to 4 feet wide, with predominating flat westerly dips. In No. 2 adit (2), elevation 4,190 feet, 122 feet long, there is a rib of quartz across the back 65 feet from the portal that is 20 inches wide, and this widens downward irregularly to several feet in width. The dip is steep to the west and the mineralization is not heavy. Some irregular white quartz occurs near the portal and some at 70 to 90 feet from the portal. The open-cuts on this zone show apparent widths of 4 to 5 feet or more of quartzose material more or less strongly mineralized; there is apparently variation represented between the extremes of habit seen in the two adits. It is difficult, if not impossible, to judge the width and attitude in these or in most open-cuts on the property; the strike seems quite uniform and the dip is westward at a high angle, but there is a tendency everywhere for the mineralization to penetrate along the planes of shearing, so that in cross section any body is seen to consist of an irregular stem with branchlike offshoots, principally on the west side.

An open-cut at (3), elevation 4,150 feet, discloses stringy quartzose mineralization in weakly-sheared greenstone, dipping apparently flatly westward. This is across 8 to 10 feet but is poorly exposed.

A zone (4) north of the cabin is traced for 550 feet. At the southern end is an open-cut on a nearly vertical lead of quartz in sheared ground; the lead is here about 5 feet wide, not all quartz, and is weakly mineralized with pyrite and sphalerite. An open-cut at (5), elevation 4,105 feet, just opened up, discloses quartz, apparently flat and less than 12 inches wide, with some likely-looking mineralization.

An adit at (6), elevation 4,000 feet, 25 feet long, bearing south 55 degrees west, is in flatly-sheared greenstone containing considerable pyrite in fine scattered grains. There is a little flatly-dipping mineralization above the portal which is not encountered in the adit.

The next main zone at (7), elevation about 3,980 feet, is traced 350 feet and on it are four open-cuts. These disclose more or less sheared greenstone in which are ribs of quartz or siliceous sulphide seams, some dipping steeply and some flatly, as well as crenulated ribbons of quartz and sulphide mineralization. The apparent width of the zone in these open-cuts is about 2 feet, and mineralization is variable and only locally strong.

The easternmost zone (8), elevation about 3,915 feet, is traced for 200 feet, and is opened up by three open-cuts, a short adit-crosscut 20 feet long, and a filled-up shaft said to be 35 feet deep. The mineralization exposed by these several workings is hard to describe without going into extreme detail; it is very irregular, in flat, steep, and curving strands individually up to 2 feet wide and over apparent widths up to 6 feet and more. One sample, which assayed: Gold, 0.16 oz. per ton; silver, 1.4 oz. per ton; lead, 12.9 per cent; zinc, 18.6 per cent — was taken across a steep 18-inch band containing the most galena seen; another sample, channelled 5½ feet down the face of the adit, including little mineral except in the central 2 feet, assayed: Gold, 0.02 oz. per ton; silver, trace; lead, nil; zinc, 3.1 per cent. More opening-up accompanied by bulk-sampling would be necessary before averages of dimension and metal content could be obtained.

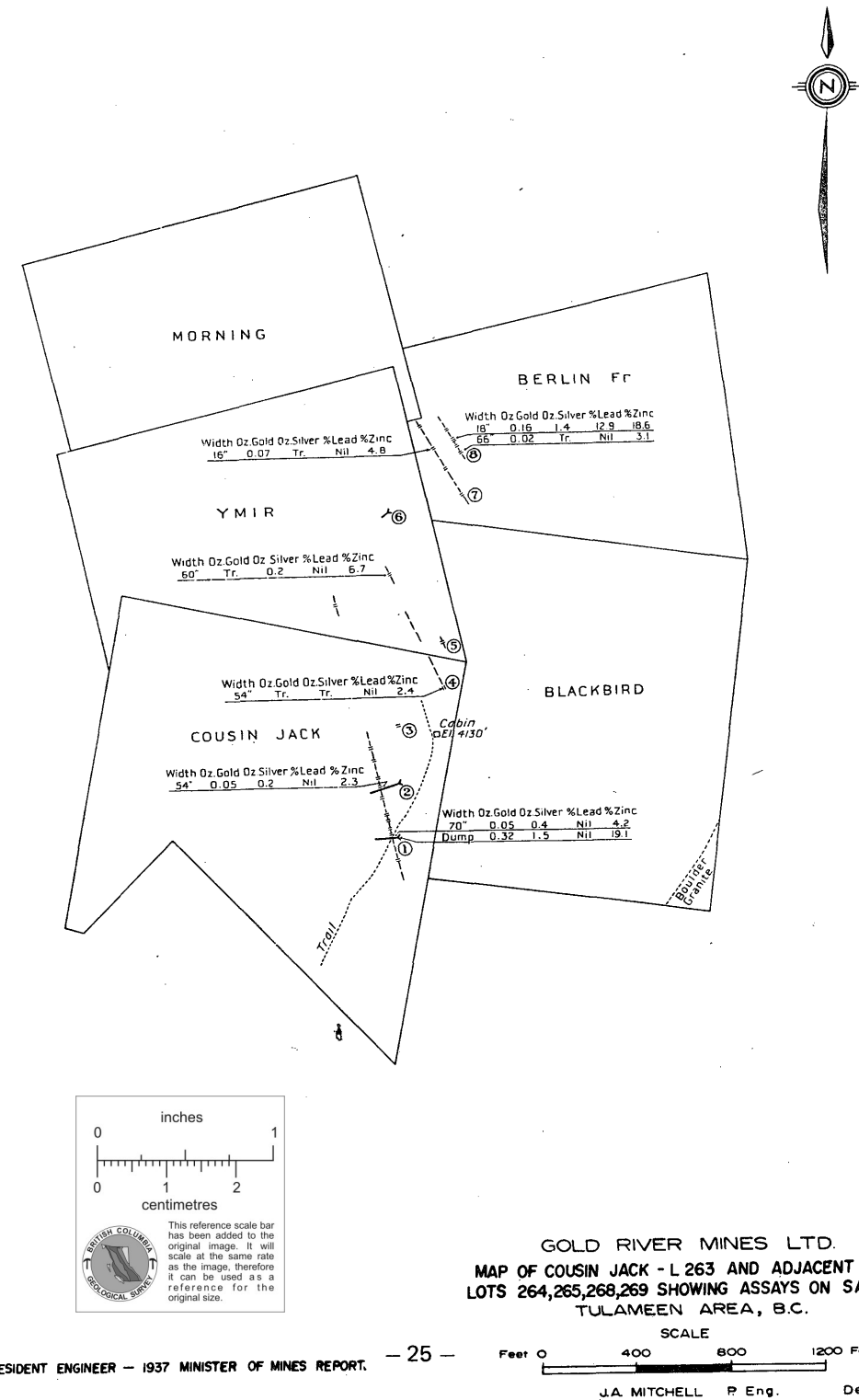
The results of sampling by the Resident Engineer in 1935 and 1937 are shown graphically on the accompanying sketch-map. These samples have been taken more or less at random, and from them it is not safe to estimate the average value of these quite complex deposits. Work has progressed slowly for the last four seasons towards a more extensive opening-up of the various showings."

The sketch map referred to in this report is also attached hereto. It is entitled, Cousin Jack. Sketch of principal showings from survey by W.D. Vallance. The property has been described by H.M.A. Rice in 1947 Memoir # 243, Page 96, Geology and Mineral Deposits of the Princeton Map-Area, British Columbia. He says:

"The showings occur in volcanic, tuffaceous, and argillaceous rocks of the Nicola group not far from their contact with the Boulder granodiorite body. The rocks have been subjected to regional shearing, which has largely altered them to chlorite and sericite schists. These schists have a general northwesterly strike and dip at various angles to the west. In them are four or more zones of more intense shearing in which irregular veins and bodies of quartz have been deposited. Both the quartz bodies and in places the schists themselves have been mineralized with pyrite, sphalerite, galena and chalcopyrite, but so irregularly that, although the zones have been traced for considerable distances, it is difficult to determine the continuity or grade of the orebodies. The principal value is in zinc, which is also accompanied by significant amounts of gold. A number of chip samples taken across widths of from 2 to 6 feet by the Resident Engineer returned from 2.3 to 19.1 per cent zinc and from a trace to 0.32 ounce a ton in gold.

Zone No. 1, lying to the south and west of the cabin, has been traced on the surface for some 1,200 feet, and is opened up by two crosscut adits and a number of open-cuts. So irregular has mineral deposition been in this zone that its limits have not been defined. Zone No. 2, immediately north of the cabin, has been traced by open-cuts for 550 feet, and much resembles the first. Zone No. 3 lies some 500 feet to the north and east of No. 2 Zone, and has been traced for 350 feet by four open-cuts. These have exposed ribs of quartz and irregularly disseminated sulphides. Zone No. 4, 100 feet or so to the northeast of No. 3 zone, has been traced for some 200 feet by three open-cuts, a short adit crosscut, and a shaft. It is mineralized quite irregularly, but in places the occurrences are of good grade. Several open-cuts and at least one short adit prove the existence of other zones intermediate between the four mentioned, but as yet none of these have been explored to any extent.

The showings are difficult to evaluate, owing to the irregular distribution of the ore minerals within the comparatively regular zones. Locally, at least the deposits are of promising calibre, but further development and bulk sampling will be required to demonstrate the true size and grade of the orebodies."



These reports will indicate that the showings are difficult to evaluate because of the erratic distribution of ore along quite continuous zones. This is not at all unusual in the vicinity of orebodies and it seems that past work has been rather haphazardly done. Nothing seems to have been done since Rice's map of the area was made available. This map provides valuable information which should be acted on. Also, nothing has been done using modern techniques and equipment. These aids to exploration should be used on this property.

### GENERAL GEOLOGY

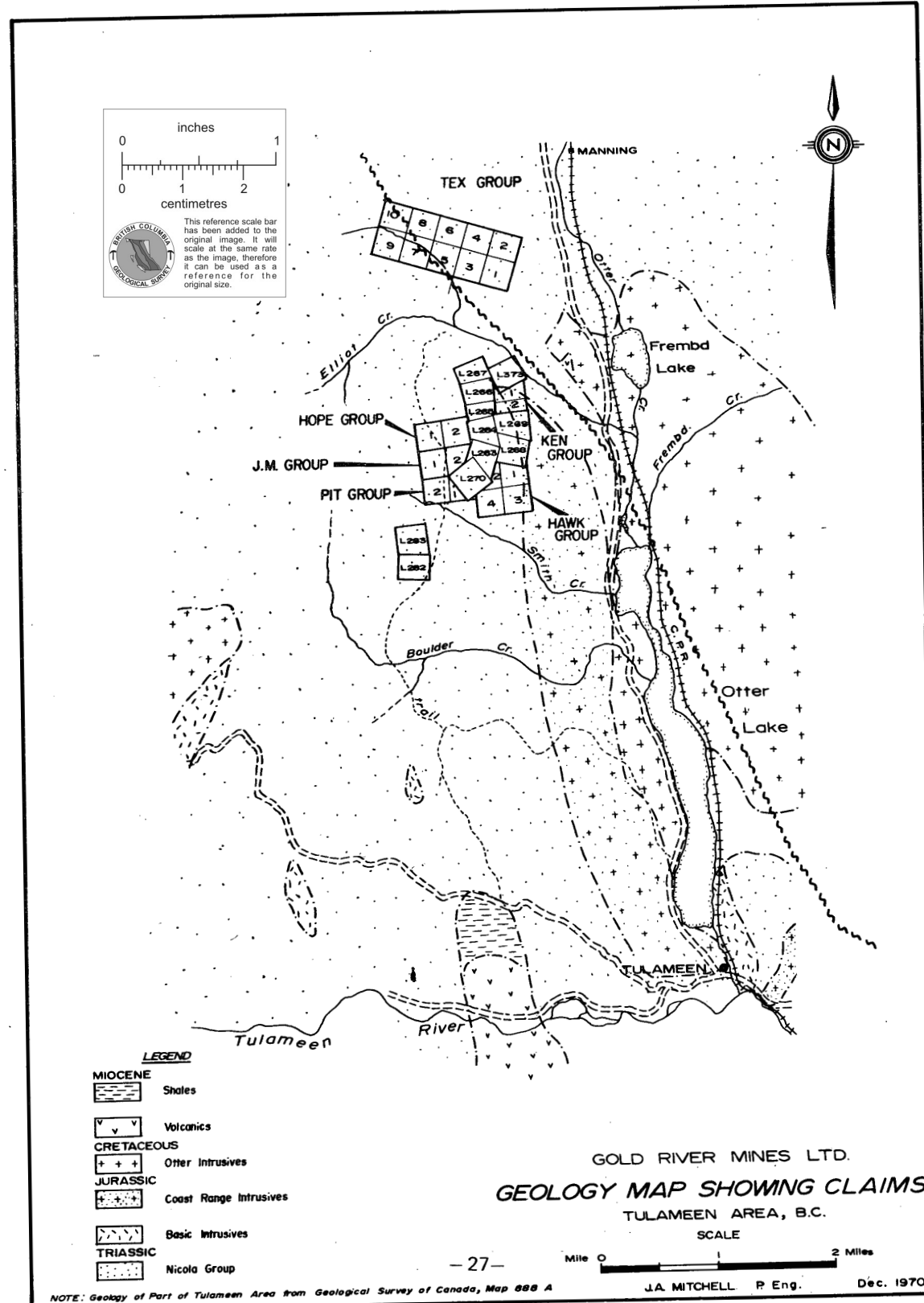
The claims described heretofore are underlain by Nicola Volcanics and sediment immediately to the west of an outcrop of Coast Range intrusives. The rocks in which they occur are frequently intensely sheared and silicified. They vary from soft intensely schistose to hard brittle lightly schisted rocks. A major fault is mapped by H.M.A. Rice (Map 888A Princeton Map Area) passing along Elliot Creek immediately east of the claims and follows closely a wedge of Nicola rocks lying between the Coast Range Intrusives and a stock of the younger Otter Intrusions. This would be a particularly favourable geological setting and the claim holdings should be extended easterly to cover the wedge of Nicola rocks and the adjoining intrusives so that all the contact areas and fault structure between are covered. It appears that the vein structures may be subsidiary breaks related to the major fault. The mode of occurrence is important and considerable attention will have to be devoted to it.

By looking at the geological map of B.C. one will note that many ore deposits, particularly copper ore deposits, for example, Rossland, Copper Mountain, Britannia, Anyox, and others, if one looks at more detailed maps, are sandwiched between intrusives, usually of different ages. Gold properties such as those at Hedley may be found in similar positions. The host rocks are usually Triassic in age and may extend from Permian to Jurassic, seldom beyond those limits. The intrusives are usually of two ages, both younger than the host rocks which would be the surface rocks at the time of the intrusions.

Geological details will be different but the above generalization appears to be a good starting point in looking for orebodies. Favourable host rocks are first conditioned by the multiple intrusions to receive the mineralization which is then injected or remobilized into the conditioned rocks.

A look at Rice's map shows the favourable Nicola formation intruded by Coast Range and Otter Intrusives both juicy and of different ages. It also shows a fault zone passing through a wedge of Nicola rocks lying between these intrusives and shows the Cousin Jack group with its multiple vein structure close to this situation.

Gold River Mines, at the writer's suggestion, has staked most of this ground between the Cousin Jack group and the Otter intrusives. It has also staked additional ground to the south and west to cover other copper showings not seen by the writer.



## MINERALIZATION

The mineralization on these Mineral leases is primarily zinc sulphide (sphalerite), with lesser amounts of lead sulphide (galena), gold, and some silver; that on the staked claims to the south-west and south is copper in the form of chalcopyrite. The first occurs in veins and the latter in shattered shear zone of apparent limited extent which hasn't been delimited on all sides but which appears to be a local swelling of the mineralization within the shear structure in metamorphosed volcanics. The zone appears to strike about North 30 degrees west and to dip at about 20 to 30 degrees to the south-west and is therefore probably following a formational trend. Along strike to the west it appeared to be restricted to a few narrow bands of mineralization, joint controlled to some extent. To the east it may be displaced by a cross fault as it appeared to swing into and follow a cross trench. More exposure is desirable to clarify the situation. A short tunnel appeared to cross into the hanging wall of it.

It is reported that more mineralization of this type was found during staking of additional ground done subsequent to the writer's examination. This is not surprising in these rocks and it is unlikely that it will all be as limited as that seen which at first appeared to be a very attractive showing and which assayed well in copper, soil samples taken along the road 1,000 feet below the showing yielded 28 to 196 p.p.m. copper.

The veins carrying the predominantly zinc mineralization varied from solid white quartz to silicified zones in the chloritic schists and similar zones or bands of mineralization appeared to branch off across the formation in an irregular manner whereas the main veins appear to follow it closely.

The amount of mineralization varies considerably from almost barren quartz in the centre tunnel to heavily mineralized quartz in a cut above the most southerly workings on the Cousin Jack which had caved. A sample #5484 across 23 inches in this cut assayed .64 ozs. Au., 1.8 ozs. Ag., 10.35% Pb., and 9.80% Zn. A rusty coating covered this mineralization which was not at first evident. Other samples taken assayed as follows:

- #5481 — 8" Berlin Fraction shaft .11 ozs. Au, .41 ozs. Ag., 1.90% Pb, 9.00% Zn.
- #5482 — 36" North trench on Cousin Jack: .12 ozs. Au, .30 ozs. Ag, 1.15% Pb, 4.60% Zn.
- #5483 — Across 2' 3" of a flat vein exposed for about 25 feet in south tunnel: .20 ozs. Au, .70 ozs. Ag, .95% Pb, 18.60% Zn.
- #5485 — Grab sample of broken material made up of numerous small pieces picked at random over all the floor of trenching on copper showing on JM # 2 claim: .02 ozs. Au, .80 Ozs. Ag, 5.93% Cu.

## CONCLUSION AND RECOMMENDATIONS

The mineralization as exposed in old trenches and tunnels does not demonstrate a continuous good grade of ore but does indicate that a mineral deposit is a possibility and when this is coupled with the geological setting of favourable host rocks of variable character two intrusives of different age, and a major fault the possibility is greatly enhanced.

It can therefore be recommended that a detailed geological mapping and soil sampling program be done on the property and extension to the east with special attention to the area in the wedge of Nicola volcanics and close to it along the major fault. Elliot Creek and all its tributaries should be silt sampled.

Anomalous areas can then be checked by E.M. surveys as there does not appear to be any sign of graphite in badly crushed or sheared zones. Because of the variable mineral content it will be advisable to detail anomalous readings or crossovers to insure that a sufficiently large section or shoot of ore is available to warrant drilling or tunnelling. This work can be deferred however until soil results are obtained.



**ESTIMATED COST OF A RECOMMENDED PROGRAM OF WORK**

**Stage 1**

1. Base map from existing aerial photography .....	\$ 1,500.00
2. Geological mapping on base map, Geologist and assistant up to 2 months, living costs included .....	4,500.00
3. Soil sampling selected portions of claim group on lines 400 feet apart at right angles to shearing and sampling at 100 foot intervals. Determinations for copper, lead, zinc and silver .....	3,000.00
4. Staking additional claims .....	1,500.00
5. Bulldozing new road and soil anomalies or geological structures .....	6,500.00
6. Preliminary Diamond Drilling, allow for 1,000 ft at \$12.00 per foot .....	12,000.00
7. Miscellaneous accommodation, transport, and communications .....	<u>2,000.00</u>
	<u>\$31,000.00</u>

After evaluating the results of the Stage 1 operation, it should be possible to determine more realistically than at present what should be done under Stage 2 but the following tentative costs are submitted:

**Stage 2**

1. Additional soil sampling as an extension of Stage 1 program .....	\$ 4,000.00
2. E.M. or I.P., depending on whether vein or disseminated situations are indicated by soil sampling and geological mapping, allow .....	5,000.00
3. Additional Bulldozing, allow .....	3,000.00
4. Additional Diamond Drilling, allow .....	24,000.00
5. Miscellaneous accommodation, transport, and communications, allow .....	3,000.00
6. Geological Supervision, core logging, assaying, allow .....	<u>3,000.00</u>
	\$42,000.00
Total Stages 1 and 2 .....	73,000.00
Contingencies - 10% .....	<u>7,000.00</u>
	<u>\$80,000.00</u>

With this expenditure it should be possible to determine whether any part of the property has the mine making potential that warrants undertaking a program of development.

West Vancouver, B.C.  
December 15, 1970

Respectfully submitted,  
"J.A. MITCHELL"  
J.A. Mitchell, P. Eng.

**CERTIFICATION**

I, James A. Mitchell, of 2991 Mathers Avenue, West Vancouver, British Columbia. DO HEREBY CERTIFY:

1. I am a graduate in Mining Engineering from the University of British Columbia in 1932, and I am a Registered Professional Engineer of the province of British Columbia since 1941 and have practised my profession continuously since graduation, at present in a consulting capacity.
2. I have no interest, nor do I expect to receive any interest, either directly or indirectly, in the property described herein nor in the securities of Gold River Mines or in any known affiliate of that company.
3. The report on the various claim groups on Elliot Creek has been written after one full day on the property examining the known mineral occurrences. Reference has been made to various reports of the Minister of Mines and to memoir #243, Geology and Mineral Deposits of the Princeton map area, British Columbia.
4. Staking posts, seen during the course of the examination, appeared to meet the requirements of the Mineral Act.

DATED at West Vancouver, British Columbia, this 15th day of December, 1970.

This Report may be used in any Prospectus of Gold River Mines Ltd. (N.P.L.)

West Vancouver, B.C.  
December 15, 1970

"J.A. MITCHELL"  
J.A. Mitchell, P. Eng.

**CERTIFICATE OF ASSAY**

**BONDAR-CLEGG & COMPANY LTD.**, Geologists, Geochemists, Analysts, Assayers  
 1500 Pemberton Avenue, North Vancouver, B.C., Phone 988-5315

To: **GOLD RIVER MINES, 210 - 660 Howe Street, Vancouver, B.C.**

Report No.: A20 - 630

Samples Received: September 21, 1970

Results Completed: September 22, 1970

I HEREBY CERTIFY that the following are the results of assays made by us upon the herein described Ore samples.

MARKED	GOLD		SILVER Ounces Per Ton	Pb Percent	Zn Percent	Cu Percent	Percent	Percent	Percent	Percent	TOTAL VALUE PER TON (2000 LBS.)
	Ounces Per Ton	Value Per Ton									
Ores: 5484D	.64		1.8	10.35	9.80	—	5.63				
5485D	.02		.80	—	—	—					

Note:

Rejects retained two weeks  
 Pulp retained three months unless  
 otherwise arranged

Gold and Silver values reported on these sheets have not been adjusted  
 to compensate losses and gains inherent in fire assay methods.

Gold calculated at \$.....per ounce.

"PETER KEMPE"  
 Peter Kempe,  
 Registered Assayer

"PETER KEMPE"  
 Peter Kempe, Registered Assayer, Province of British Columbia

MARKED	GOLD		SILVER Ounces Per Ton	Pb Percent	Zn Percent	Percent	Percent	Percent	Percent	TOTAL VALUE PER TON (2000 LBS.)
	Ounces Per Ton	Value Per Ton								
Ores: 5481D	.11		.40	1.90	9.00					
5482D	.12		.30	1.15	4.60					
5483D	.20		.70	.95	18.60					

**CERTIFICATE OF ASSAY**

**BONDAR-CLEGG & COMPANY LTD.**

To: Gold River Mines

Page No.: One

Gold River Mines, 210 - 660 Howe Street, Vancouver, B.C.

Report No. A20 - 698

Date Rec'd.: October 6, 1970

Date Completed: October 9, 1970

I HEREBY CERTIFY that the following are the results of assays made by us upon the herein described Ore samples.

**CREST LABORATORIES (B.C.) LTD.**

B.C. Registered Assayers, Geochemists, 1068 Homer Street, Vancouver 3, B.C.

Phone: 688-8586

Sept. 25, 1970

Gold River Mines,  
210 - 660 Howe Street,  
Vancouver, B.C.

COPY FROM ORIGINAL

Lot No. 372 G:

Geochemical Analysis for Copper:

Mesh Size:

— 80

Analytical Method:

Atomic Absorption

Digestion Method:

HNO<sub>3</sub> + HClO<sub>4</sub>

<u>Sample Number:</u>	<u>Copper ppm</u>
N.E. — 50	34
100	32
150	28
200	32
N.E. 200 Tree Trunk	144
S.W. 100	52
S.W. 200	80
250 Tree Trunk	196

Yours truly,

CREST LABORATORIES (B.C.) LTD.,

“ BRUCE GRAHAM ”

Bruce Graham, Chemist

