

THIS PROSPECTUS CONSTITUTES A PUBLIC OFFERING OF THESE SECURITIES ONLY IN THOSE JURISDICTIONS WHERE THEY MAY BE LAWFULLY OFFERED FOR SALE AND THEREIN ONLY BY PERSONS PERMITTED TO SELL SUCH SECURITIES.

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

TGS  
Nov. 26/87  
(from DF)

**PROSPECTUS**  
**NEW ISSUE**

Bedwell Creek  
880623  
94F044

**DATED: August 31, 1987**  
**EFFECTIVE DATE: October 22, 1987**

# PACIFIC SENTINEL GOLD CORP.

1020 - 800 West Pender Street  
Vancouver, British Columbia V6C 2V6  
(hereinafter referred to as the "Issuer")

**PUBLIC OFFERING 400,000 SHARES**  
**PRICE: \$0.35 PER SHARE**

Shares	Price to Public	Commission	Net Proceeds to be Received by Issuer <sup>(1)</sup>
Per Share .....	\$0.35	\$0.03	\$0.32
Total .....	\$140,000.00	\$12,000.00	\$128,000.00

(1) Before deduction of the costs of the issue estimated to be \$15,000.00.

THE PRICE OF THE ISSUER'S SECURITIES WAS DETERMINED BY ITS BOARD OF DIRECTORS THROUGH NEGOTIATIONS WITH THE AGENT.

THERE IS CURRENTLY NO MARKET FOR THE SECURITIES OF THE ISSUER.

A PURCHASE OF THE SECURITIES OFFERED BY THIS PROSPECTUS MUST BE CONSIDERED SPECULATIVE. THE PROPERTY IN WHICH THE ISSUER HAS AN INTEREST IS IN THE EXPLORATION AND DEVELOPMENT STAGE ONLY AND IS WITHOUT A KNOWN BODY OF COMMERCIAL ORE. NO SURVEY OF THE PROPERTY OF THE ISSUER HAS BEEN MADE AND THEREFORE IN ACCORDANCE WITH THE LAWS OF THE JURISDICTION IN WHICH THE MINING PROPERTY IS SITUATE, ITS EXISTENCE AND AREA COULD BE IN DOUBT. SEE THE CAPTION "RISK FACTORS" ON PAGE 6. A PURCHASE OF THE SECURITIES OFFERED HEREUNDER WILL RESULT IN AN IMMEDIATE DILUTION TO THE PURCHASER OF \$0.20 PER SHARE OR 57% OF THE OFFERING PRICE BASED ON THE ISSUER'S BOOK VALUE AT APRIL 30TH, 1987.

THIS OFFERING IS SUBJECT TO A MINIMUM SUBSCRIPTION BEING RECEIVED BY THE ISSUER WITHIN ONE HUNDRED AND EIGHTY (180) DAYS OF THE EFFECTIVE DATE OF THIS PROSPECTUS. FURTHER PARTICULARS OF THE MINIMUM DESCRIPTION ARE DISCLOSED ON PAGE 2 UNDER THE HEADING "MINIMUM SUBSCRIPTION".

UPON COMPLETION OF THIS OFFERING THIS ISSUE WILL REPRESENT 23% OF THE SHARES THEN OUTSTANDING AS COMPARED TO 64% THAT WILL THEN BE OWNED BY THE PROMOTERS, DIRECTORS AND SENIOR OFFICERS OF THE ISSUER. REFER TO THE ITEM "PRINCIPAL HOLDERS OF SECURITIES" ON PAGE 12 FOR DETAILS OF SHARES HELD BY DIRECTORS AND PROMOTERS.

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

ONE OR MORE OF THE DIRECTORS OF THE ISSUER HAS AN INTEREST, DIRECT OR INDIRECT, IN OTHER NATURAL RESOURCE COMPANIES. REFERENCE SHOULD BE MADE TO THE ITEM "CONFLICT OF INTEREST" ON PAGE 14 FOR A COMMENT AS TO THE RESOLUTION OF POSSIBLE CONFLICTS OF INTEREST.

THE VANCOUVER STOCK EXCHANGE HAS CONDITIONALLY LISTED THE SECURITIES BEING OFFERED HEREIN PURSUANT TO THIS PROSPECTUS. LISTING IS SUBJECT TO THE ISSUER FULFILLING ALL OF THE LISTING REQUIREMENTS OF THE VANCOUVER STOCK EXCHANGE ON OR BEFORE APRIL 19TH, 1988 INCLUDING PRESCRIBED DISTRIBUTION AND FINANCIAL REQUIREMENTS.

WE, AS AGENT, CONDITIONALLY OFFER THESE SECURITIES SUBJECT TO PRIOR SALE IF, AS AND WHEN ISSUED BY THE ISSUER AND ACCEPTED BY US IN ACCORDANCE WITH THE CONDITIONS CONTAINED IN THE AGENCY AGREEMENT REFERRED TO UNDER "PLAN OF DISTRIBUTION" ON PAGES 1 AND 2 AND SUBJECT TO THE APPROVAL OF ALL LEGAL MATTERS ON BEHALF OF THE ISSUER BY MESSRS. SOBOLEWSKI ANFIELD, VANCOUVER, BRITISH COLUMBIA, SOLICITORS FOR THE ISSUER.

**AGENT**  
**YORKTON SECURITIES INC.**  
14th Floor, 609 Granville Street  
Vancouver, British Columbia V7Y 1G5

**REGISTRAR & TRANSFER AGENT**  
**THE CANADA TRUST COMPANY**  
1055 Dunsmuir Street  
Vancouver, British Columbia V7X 1P3

VANCOUVER STOCK EXCHANGE TRADING SYMBOL: PSG

**PACIFIC SENTINEL GOLD CORP.**

**PROSPECTUS**

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PACIFIC SENTINEL GOLD CORP.  
(herein the "Issuer")

**SUMMARY OF PROSPECTUS DATED AUGUST 31, 1987**

**The Issuer**

The Issuer was incorporated on March 19, 1986 under the Company Act of the Province of British Columbia and has an authorized share capital of 20,000,000 common shares without par value of which 1,326,400 shares are currently issued and outstanding. The Issuer is engaged in the business of acquiring, exploring and developing mineral properties and investigating and evaluating other business prospects.

**Ursus Creek Mineral Prospect**

The Issuer has caused to be staked 15 claims comprising 200 units along Ursus Creek, a tributary of Bedwell River, located near Tofino, Vancouver Island, British Columbia. The Bedwell River batholith has a number of associated gold quartz veins which occur along fractures within the batholith. Preliminary exploration conducted by the Issuer located quartz veins with a particularly interesting showing known as the "Junction" showing. The Junction showing is not a usual conspicuous quartz vein, but rather a cataclastic zone which lies along Ursus Creek, a major regional fault structure. The Issuer intends to do additional mapping, trenching and sampling on the Junction showing, which exploration program is intended to be financed from the proceeds of this Prospectus.

**Offering**

The Issuer intends to offer to the public in British Columbia 400,000 of its common shares at the price of \$0.35 per share. The Offering is subject to a minimum subscription of 400,000 common shares being sold within one hundred and eighty (180) days from the Effective Date.

**Use of Proceeds**

The Issuer intends to use the net proceeds in this Prospectus of \$128,000 to conduct a Phase I program and reserve for a Phase II program both of which have been recommended by the Issuer's consulting geological engineer, J.R. Woodcock, P.Eng., in a report dated May 11, 1987 which forms a part of this Prospectus. The Phase I program consists in summary of additional mapping, soil sampling and geochemical analysis with an approximate cost of \$61,800.00. The Phase II program consists in summary of blasting and trenching and sampling the results therefrom with an approximate cost of \$38,200 with the balance of the funds from the use of proceeds to be applied to the costs of the issue and working capital.

### **Speculative Aspects**

Investment in the shares of the Issuer must be considered speculative due to the nature of the Issuer's business and the present stage of development of its mineral properties. Reference should be made to the caption "Risk Factors" contained in the balance of the Prospectus.

THE FOREGOING IS A SUMMARY ONLY AND SHOULD BE READ IN CONJUNCTION WITH THE MORE DETAILED INFORMATION CONTAINED ELSEWHERE IN THIS PROSPECTUS.

## **NAME AND INCORPORATION OF ISSUER**

**PACIFIC SENTINEL GOLD CORP.** (the "Issuer") was incorporated on March 19, 1986 as "Baron Ventures Ltd." pursuant to the Company Act of the Province of British Columbia by registration of its Memorandum and Articles.

Pursuant to a Special Resolution of the shareholders of the Company dated June 30, 1986 and made effective May 26th, 1987, the Company changed its name to "Sentinel Gold Corp." which was subsequently changed to "Pacific Sentinel Gold Corp." on September 15th, 1987.

The address of the head office of the Issuer is 1020 - 800 West Pender Street, Vancouver, British Columbia, V6C 2V6.

The address of the registered and records office of the Issuer is Suite 1600 - 609 Granville Street, Vancouver, British Columbia, V7Y 1C3.

## **PLAN OF DISTRIBUTION**

### **The Offering**

The Issuer, by its Agent, hereby offers (the "Offering") to the public through the facilities of the Vancouver Stock Exchange (the "Exchange") 400,000 common shares (the "Shares") of the Issuer at a price of \$0.35 per Share. The Offering will be made in accordance with the rules and policies of the Exchange and will take place on a day (the "Offering Day") as determined by the Agent and the Issuer with the consent of the Exchange, within a period of one hundred and eighty (180) days from the date (the "Effective Date") upon which the securities of the Issuer are conditionally listed on the Exchange.

### **Appointment of Agents**

The Issuer, by an agreement (the "Agency Agreement") dated June 1st, 1987 appointed Yorkton Securities Inc., 14th Floor, 609 Granville Street, Vancouver, British Columbia, V7Y 1G5 as its agent (the "Agent") to offer the Shares through the facilities of the Exchange on a best efforts basis.

The Agent will receive a commission of \$0.03 per Share.

The Agent reserves the right to offer selling group participation in the normal course of the brokerage business to selling groups of other licensed broker-dealers, brokers and investment dealers, who may or may not be offered part of the commissions or warrants derived from this Offering.

The obligations of the Agent under the Agency Agreement may be terminated prior to the opening of the market on the Offering Day at the Agent's discretion on the basis of its assessment of the state of the financial markets and may also be terminated at any time upon the occurrence of certain stated events.

The Issuer has granted the Agent a right of first refusal to provide future equity financing to the Issuer for a period of twelve (12) months from the Effective Date.

Those persons holding an interest of not less than 5% in Yorkton Securities Inc. are Allen Barry Van Stone, Stewart David Vorberg, Frank Guistra, Donald Risling, Lorne J. Levy, Arthur J. Thomas and Matthew Jong.

There are no payments in cash, securities or other consideration being made, or to be made, to a promoter, finder or any other person or company in connection with the Offering.

The Directors, Officers and other Insiders of the Issuer may purchase Shares from this Offering.

The Vancouver Stock Exchange has conditionally listed the securities being offered pursuant to this Prospectus. Listing is subject to the Issuer fulfilling all the listing requirements of the Vancouver Stock Exchange on or before April 19th, 1988 including prescribed distribution and financial requirements.

The price of the Issuer's securities was determined through negotiations with the Agent.

#### **MINIMUM SUBSCRIPTION**

This Offering is subject to a minimum subscription of 400,000 Shares being sold within one hundred and eighty (180) days from the Effective Date. All funds received from the sale of the Shares will be held in trust by The Canada Trust Company until the minimum of 400,000 Shares have been sold and the minimum subscription price of \$140,000.00 has been received. If the minimum of 400,000 Shares is not sold within one hundred and eighty (180) days from the Effective Date, all funds will be returned to the purchasers without deduction. If the minimum of 400,000 Shares is sold and notice of the release of funds is given to the Superintendent, the proceeds received will be paid to the Issuer less the commission payable to the Agent.

#### **DESCRIPTION OF SHARE CAPITAL**

The authorized capital of the Issuer consists of 20,000,000 common shares without par value of which 1,326,400 common shares are issued and outstanding as of the date hereof.

All shares of the Issuer, both issued and unissued, rank equally as to dividends, voting powers and participation in assets. No shares have been issued subject to call or assessment. There are

no pre-emptive or conversion rights and no provision for redemption, purchase for cancellation, surrender or sinking or purchase funds. Provisions as to the modifications, amendments or variations of such rights or such provisions are contained in the Company Act of the Province of British Columbia.

## **DESCRIPTION OF BUSINESS AND PROPERTIES OF THE ISSUER**

### **Business**

The Issuer is a company engaged in the acquisition, exploration and development of mineral properties. The Issuer owns or has an interest in the property described under the heading "The Property" and intends to seek and acquire additional properties worthy of exploration and development. The Issuer does not at this time own any other businesses.

### **The Property**

#### **THE UREKA AND OPUS MINERAL CLAIMS, VANCOUVER ISLAND MINING DIVISION, BRITISH COLUMBIA**

The Issuer caused to be staked 200 claim units located in 15 claims, namely the Ureka 1-13 and Opus 1-2 claims (the "Claims") recorded on December 1, 1986. The Claims are registered in the name of Douglas Forster, a Director of the Issuer, who is holding the Claims beneficially in trust for the Issuer pursuant to an agreement dated December 1st, 1986. The Issuer is accordingly the sole beneficial owner of the Claims and has no obligations with respect to share, cash or royalty consideration to any person. The Issuer's only obligation to maintain the Claims in good standing is to do the required statutory assessment work on the Property. The Claims are in good standing until December 1st, 1987. Upon filing the assessment record for work conducted to date the Claims will be in good standing for at least another year. No Director, Officer or promoter of the Issuer has any interest in any claims in the immediate vicinity of the Issuer's Claims.

### **Location and Access**

The Claims extend easterly along Ursus Creek and southeasterly over the pass into the upper drainage of Taylor River some 2.5 kilometres south of the boundary of Strathcona Provincial Park. The property is in the west coast region of heavy rainfall, steep topography and heavy timber and accordingly, access is currently by helicopter from Port Alberni some 60 kilometers southeast.

Logging roads are approaching the area up Bedwell River and it is likely that there will be road access to the Property in the future.

### **Geology**

Regional geology of Central Vancouver Island is underlain by Triassic strata including the Karmutsen basaltic volcanics and the overlying Quatsino limestone. The volcanics and limestone are intruded by irregular batholithic plutons of the Vancouver Island Intrusions, which are Middle Jurassic in age. These irregularities in the distribution of the batholithic rocks are due to faulting, especially in northwest system of faults that are dominant in the vicinity of the Claims. Many gold-bearing quartz veins have been discovered in the Bedwell River batholith and have been explored in the past by trenches and/or underground workings with one such vein having produced commercial quantities of gold. The Bedwell River area has been an area of prospecting and exploration since 1896.

### **History**

While very limited exploration work was conducted in the area of the Claims prior to the work conducted by the Issuer described below, the Issuer's consulting Geological Engineer, J.R. Woodcock, P.Eng., in a report dated May 11, 1987 (the "Woodcock Report") surveys significant showings in the immediate vicinity of the Claims. In particular, the nearby Musketeer, Buccaneer, Trophy and Prosper showings are reviewed. The Issuer's management believes its exploration work to date indicates a similarity in the geology of the Claims and the aforementioned other showings. The reader is directed to the Woodcock Report which is attached to and forms part of this Prospectus for further information respecting the exploration information pertaining to those showings.

### **Work Done to Date**

Subsequent to the date of staking and prior to the date of this Prospectus, the Issuer completed an initial geological appraisal along Ursus Creek. In addition, it carried out geophysical and geochemical surveys with follow-up work conducted by additional work and sampling conducted by geologists referred to in the Woodcock Report. The exploration work included soil sampling, stream sediment sampling, rock sampling, and reconnaissance surveying along the lower parts of Ursus Creek. Geophysical work included a ground magnetometer survey and a VLF-EM survey as well as some trenching and stripping. The cost of the work conducted



to date including staking costs of approximately \$6,941.00 was approximately \$93,000.

The results of the work discovered several quartz veins occurring along Ursus Creek. The showings of greatest interest were the "Main", "Mid Pad", and "Junction" showings. The Main showing consists of quartz veins and stringers but appears to be of limited size and contains low gold values. The Mid Pad showing consists of a quartz vein and a stringer zone that pinches and swells along strike. One assay of the rock sample from this showing yielded 0.216 oz/ton gold across 38 centimeters.

The Junction showing appears to be of considerable interest as it is of a different geological type. It is a cataclastic zone which lies along Ursus Creek which in turn reflects a major regional fault structure. The complexity of history in this cataclastic zone is indicated by the quartz veins which have been brecciated and incorporated into the mylonite, by the foliation and siliceous nature of some of the mylonite and by the sericitization in parts, by the fracture set which may be superimposed on the mylonite, and by the disseminated pyrite mineralization and associated gold values. As more fully described in the Woodcock Report, sampling yielded gold values from .045 oz/ton up to .778 oz/ton on selected specimens.

A grid has been established for about 2.0 kilometers along the south side of Ursus Creek and soil geochemistry, magnetometer work, and some VLF-EM work have been completed on this grid. The soil geochemistry shows a central area about 1.5 kilometers long lying south of Ursus Creek in which background values are relatively high and numerous anomalous gold values are scattered throughout. Within this are some smaller areas in which gold values are greater than 25 parts per billion ("ppb") and up to 1,000 ppb. Such an anomaly extends easterly from the Main showing.

### Recommendations

The Woodcock Report recommends further follow-up work on the stream geochemical anomalies and mapping, trenching and detailed sampling on the Junction showing. The anomalous cataclastic zone appears to be extensive; its distance to the North is obscured by the overburden of Ursus Creek and its extent in the other directions has not been delimited. Surrounding unaltered outcrops should be included in the map to establish the permissive extent of the mylonite zone.

The Issuer intends to conduct a two phased program based on the recommendations in the Woodcock Report consisting in summary of geological mapping, blasting and trenching, soil sampling and

assaying the samples obtained. The approximate costs to conduct the recommended program is \$61,800.00 for Phase I and \$38,200.00 for Phase II for a total of approximately \$100,000.00.

### Equipment and Known Ore Body

There is no surface or other equipment located on the Claims. There is no known body of commercial ore on the property and the Issuer's intended exploration program is a preliminary search for ore.

### RISK FACTORS

#### Risks Inherent in Mining

The Shares of the Issuer offered by this Prospectus must be considered speculative due to the nature of the Issuer's business. There is no assurance that expenditures to be made by the Issuer will result in any discoveries of minerals in commercial quantities. The Issuer's properties are in the exploration stage only and are without a known body of ore. If the Issuer's exploration programs are unsuccessful a purchaser of Shares hereunder may lose his entire investment. The Issuer's ability to continue exploration and development of its properties and to continue investigation, evaluation and acquisition of other businesses of merit and mineral properties will be dependent on its ability to raise significant additional financing in the future. Should the Issuer not be able to obtain such financing a portion of the interest in its properties may be lost to future joint venture partners or its properties may be lost entirely.

#### Dilution

On completion of this Offering there will be a total of 1,726,400 shares of the Issuer outstanding with an approximate total book value based on the Issuer's financial statements as at April 30, 1987 of \$265,600 or \$0.15 per share. Assuming the shareholders equity with respect to the 1,326,400 shares issued prior to the date of this prospectus has not changed between April 30, 1987 and the date of completion of this Offering, the purchase of the shares offered by this prospectus will suffer an immediate dilution of approximately \$0.20 in book value per share equal to 57% of the \$0.35 per Share offering price.

**USE OF PROCEEDS**

The Issuer intends to apply the net proceeds from this offering of \$128,000 plus working capital on-hand of approximately \$40,000.00 as follows:

1.	To pay the costs of this issue for legal, audit, consulting and printing expenses estimated to be:	\$ 15,000.00
2.	To conduct the recommended Phase I program of exploration contained in the Woodcock Report consisting in summary of geological mapping and sampling:	61,800.00
3.	To conduct, if warranted, the recommended Phase II program of exploration contained in the Woodcock Report consisting in summary of blasting, trenching and assaying:	38,200.00
4.	Reserve for general corporate purposes:	<u>53,000.00</u>
	<b>TOTAL</b>	<b>\$168,000.00</b>

The Issuer may, pursuant to the written recommendations of a qualified engineer, abandon in whole or in part any of its properties or may alter as work progresses a work program recommended or may make such arrangements for the performance of all or any portion of such work or examining other properties acquired by the Issuer after the date of this Prospectus, although the Issuer has no present plans in this regard. If any such event occurs during the primary distribution of the Shares referred to in the Prospectus, an amendment to the Prospectus will be filed. If any such event occurs after primary distribution of the Shares, the stockholders will be notified.

No part of the proceeds will be used to invest, underwrite or trade in securities other than those that qualify as an investment in which trust funds may be invested under the laws of the jurisdiction in which the securities offered by this Prospectus may be lawfully sold. Should the Issuer propose to use the proceeds to acquire other than trustee-type securities after the distribution of the securities offered by this Prospectus, the approval of the shareholders of the Issuer must first be

obtained and notice of the intention must be filed with the Superintendent of Brokers for the Province of British Columbia.

In the event of any material change in the affairs of the Issuer during the primary distribution of the Shares offered by this Prospectus, an amendment of this Prospectus will be filed. Following completion of primary distribution of the Shares offered by this Prospectus, the shareholders of the Issuer will be notified of any material changes in the affairs of the Issuer in accordance with the requirements of the appropriate regulatory authorities.

### OPTIONS TO PURCHASE SECURITIES

As of the date of this Prospectus, the Issuer has granted share purchase options to certain of its Directors and Employees totalling 172,000 common shares at a price of \$0.35 per share, exercisable for a two (2) year period until June 1st, 1989. The options are non-transferable and may only be exercised during the tenure of office or employment and for thirty (30) days thereafter.

The options granted are as follows:

<u>Name of Director</u>	<u>No. of Shares</u>
Douglas B. Forster	60,000
Terry R. Shirran	26,500
<u>Name of Employee</u>	<u>No. of Shares</u>
Robert A. Dickinson	59,000
Barry D. McKnight	26,500

### SHARE CAPITAL STRUCTURE

<u>Designation of Security</u>	<u>Amount Authorized</u>	<u>Amount Outstanding as of August 31st, 1987</u>	<u>Amount Outstanding as of April 30, 1987 (date of balance sheet in Prospectus)</u>	<u>Amount Outstanding if all Shares are Sold</u>
Common Shares	20,000,000	1,326,400	1,250,400	1,726,400

Notes:

1. As at the date of the most recent balance sheet of the Issuer, April 30th, 1987, the Issuer did not have a deficit or retained earnings.
2. There are a total of 172,000 outstanding options to acquire common shares of the Issuer (see "Options to Purchase Securities").

**PRIOR ISSUANCE OF SHARES****Cash**

During the period from December 15, 1986 to the date of this Prospectus the following shares were issued for cash:

<u>No. of Shares</u>	<u>Price Per Share</u>	<u>Commissions Paid</u>	<u>Net Cash Received</u>
576,400	\$0.25	Nil	\$144,100
750,000	\$0.01	Nil	\$ 7,500
(escrowed)			
<u>1,326,400</u>			<u>\$151,600</u>

**Other than Cash**

There have been no sales of shares by the Issuer for other than cash and there are no shares under this Prospectus being offered for other than cash consideration.

**ESCROWED SHARES**

As of the date of this Prospectus, 750,000 shares are held in escrow by The Canada Trust Company, 1055 Dunsmuir Street, Vancouver, British Columbia, V7X 1P3 subject to the direction or determination of the Superintendent of Brokers ("herein the "Superintendent"). The escrow restrictions provide that the shares may not be traded in, dealt with in any manner whatsoever, or released, nor may the Issuer, its transfer agent or escrow holder make any transfer or record any tradings of the shares without the prior consent of the Superintendent while the Issuer is not listed on the Vancouver Stock Exchange (the "Exchange").

The 750,000 escrowed shares have been issued to the Company's four Directors, namely United Mineral Services Ltd. (wholly owned by Robert Allan Dickinson), Barry Dale Corbett McKnight, Douglas

Burton Forster and Terry Reginald Shirran, each as to 187,500, in consideration of \$0.01 per share. These shares have been issued pursuant to the Superintendent's policies relating to allowable Principals' incentive share positions. Any release of shares from escrow will be subject to the discretion of the Exchange should the Issuer obtain such a listing. Release of shares held in escrow will be based upon consideration of the Issuer's success and the degree of responsibility for such success attributed to the Principals. Any escrowed shares not released within ten (10) years of the date of this Prospectus will be surrendered by the holders thereof to the Issuer by way of gift for cancellation.

<u>Designation of Class</u>	<u>No. of Shares Held in Escrow</u>	<u>Percentage of Class</u>
Common	750,000	56.5%

#### POOLED SHARES

There are no shares held in pool.

#### DIRECTORS AND OFFICERS

The names, addresses and principal occupations in which each of the Directors and Officers of the Issuer have been engaged during the immediately preceding five years are as follows:

<u>Name and Address</u>	<u>Position</u>	<u>Principal Occupation</u>
<b>ROBERT ALLAN DICKINSON,</b> B.Sc., M.Sc. c/o Suite 1020 800 West Pender Street Vancouver, British Columbia V6C 2V6	President & Director	Exploration geologist; former director, Trader Resource Corp., January, 1983 to April, 1987; President and Director United Mineral Services Ltd., 1976 to present; Secretary and Director, North American Metals Corp., February, 1985 to present
<b>BARRY DALE CORBETT McKNIGHT,</b> B.A. RIA 1178 Kinloch Lane North Vancouver, British Columbia V7G 1V9	Secretary & Director	Self-employed Accountant, 1985 to present; Tax accountant for Cominco Ltd., 1981 to 1985; Accountant with Independent Public Accountants, 1976 to 1980

<p><b>DOUGLAS BURTON FORSTER</b> B.Sc., M.Sc. 313 - 1350 Comox Street Vancouver, British Columbia V6E 4E1</p>	<p>Director</p>	<p>Chief Geologist, United Mineral Services Ltd., 1986 to present; Exploration geologist, Homestake Mineral Development Company, 1983-86; Geologist, Cassidy Resources Ltd., 1981-82; Graduate Student, University of British Columbia, 1981-84</p>
<p><b>TERRY REGINALD SHIRAN</b> 200 - 1185 W. Georgia Vancouver, B.C. V6E 4E6</p>	<p>Director</p>	<p>Manager of Fitness Plus, private fitness club, 1981-83; Program Manager, Trendsetters Fitness, 1983 to present</p>

#### REMUNERATION OF DIRECTORS AND SENIOR OFFICERS

The Issuer to date has not paid any regular remuneration to its directors and senior officers in their capacities as such but has paid Directors fees for certain activities carried out by them on behalf of the Issue (see "Interest of Management or Others in Material Transactions"). The Issuer has no current intentions to pay regular remuneration either directly or indirectly to its management.

It is anticipated that Directors and Senior Officers will be remunerated for their services according to the applicable policies of the regulatory authorities having jurisdiction over the Issuer once the affairs of the Issuer require the full-time management. These policies currently provide for a maximum aggregate management remuneration of \$2,000.00 per month.

#### INTEREST OF MANAGEMENT OR OTHERS IN MATERIAL TRANSACTIONS

During the preceding year, a company controlled by Robert A. Dickinson, President and a Director of the Issuer, purchased 346,776 shares under Flow-through Share Agreement whereby that company obtained the benefit of the Canadian Exploration Expense deductions as a result of the mineral exploration work conducted to date by the Issuer. All exploration work to date was conducted by United Mineral Services Ltd., a company controlled by Robert A. Dickinson, which company has been paid a total of \$7,160 for supervising exploration and development on the claims and \$2,500 for rent. Barry McKnight, a Director of the Issuer, was paid \$7,500 for the preparation of flow-through agreements and bookkeeping services. Douglas Forster was paid \$5,339 for geological services rendered to the Issuer.

**PRINCIPAL HOLDERS OF SECURITIES**

- (a) As of the date of this Prospectus, 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 Issuer's shares:

<u>Name and Address</u>	<u>Type of Ownership</u>	<u>Description of Class</u>	<u>No. of Shares</u>	<u>Percentage of Shares Outstanding</u>
Robert A. Dickinson c/o #1020 - 800 West Pender Street Vancouver, British Columbia	direct & beneficial indirect & beneficial	Common Escrow	90,400(1) 187,500 <u>277,900</u>	21%
Douglas B. Forster #313 - 1350 Comox St. Vancouver, British Columbia	direct & beneficial direct & beneficial	Common Escrow	90,000 187,500 <u>277,500</u>	20.9%
Barry D. McKnight 1178 Kinloch Lane North Vancouver, British Columbia	direct & beneficial direct & beneficial	Common Escrow	90,000 187,500 <u>277,500</u>	20.9%
Earl Matheson Heathfield 154 Holland Green Hurst Green Oxted, Surrey England RH8 9BQ	direct & beneficial	Common	146,000	11.07%
Terry Shirran #200-1185 West Georgia Vancouver, British Columbia	direct & beneficial direct & beneficial	Common Escrow	90,000 187,500 <u>277,500</u>	20.9%

- (1) As noted in "Interest of Management or Others in Material Transactions", Mr. Dickinson originally purchased indirectly 346,776 shares on a tax flow-through basis and after securing his tax benefit resold all but 90,400 of these shares to fellow Directors.
- (b) The number and percentage of shares of the Issuer beneficially owned, directly or indirectly, by all Directors and Senior Officers of the Issuer as a group is as follows:



<u>Designation of Class</u>	<u>Number of Shares Beneficially Owned</u>	<u>Percentage of Class</u>
Common	1,110,400	84%

See also "Interest of Management or Others in Material Transactions" for details of payments made to certain members of management.

#### **DIVIDEND RECORD**

The Issuer has not, since its incorporation, paid any dividends on any of its shares. The Issuer has no present intention to pay dividends, but the future dividend policy will be determined by the Board of Directors on the basis of earnings, financial requirements and other relevant factors.

#### **AUDIT COMMITTEE**

The Audit Committee of the Issuer as prescribed by the British Columbia Company Act consists of Messrs. Dickinson, Forster and Shirran.

#### **PROMOTERS**

By virtue of the definition as set out in Section 1(1) of the Securities Act (British Columbia) Robert Dickinson can be considered the Promoter of the Issuer. Robert Dickinson has retained 90,400 free trading shares and acquired 187,500 shares for consideration of \$0.25 and \$0.01 per share respectively. In addition, Mr. Dickinson has acquired flow-through income tax benefits of \$86,694 as a result of the subscription of certain shares issued by the Issuer as flow-through shares certain of which shares have since been transferred to other directors of the Issuer. See also "Interest of Management and Others in Material Transactions" for information respecting other payments to the Promoter.

#### **PENDING LEGAL PROCEEDINGS**

The Issuer is not a party to any legal proceedings nor are any such proceedings contemplated.

**SOLICITORS**

The solicitors for the Issuer are Messrs. Sobolewski Anfield, Barristers and Solicitors, of Suite 1600 - 609 Granville Street, Vancouver, British Columbia, V7Y 1C3.

**AUDITORS, TRANSFER AGENT AND REGISTRAR**

The auditors for the Issuer are De Visser & Company, Chartered Accountants, of 201 - 960 Richards Street, Vancouver, British Columbia, V6B 3C1.

The Registrar and Transfer Agent for the Issuer is The Canada Trust Company, 1055 Dunsmuir Street, Vancouver, British Columbia, V7X 1P3.

**CONFLICT OF INTEREST**

Two of the Directors and Officers of the Issuer are the Directors and Officers of other companies engaged in mineral exploration. In order to avoid conflicts of interest which may arise between the Directors' duties to the Issuer and their duties to other companies on whose boards they serve, the Directors and Officers have agreed to the following:

- (a) Participation in mineral prospects offered to the Directors will be allocated between the various companies on the basis of prudent business judgment and the relative financial abilities and needs of the companies to participate; and
- (b) Exploration prospects formulated by or through the other companies in which the Directors and Officers are involved will not be offered to the Issuer except on the same or better terms than the basis on which they are offered to third parties participants.

**MATERIAL CONTRACTS**

Material contracts to which the Issuer is a party are as follows:

- (a) Flow-through Share Agreement dated December 15, 1986;
- (b) Escrow Agreement dated June 1st, 1987;

- (c) Stock Option Agreements for a total of 172,000 shares of the Issuer dated June 1st, 1987;
- (d) Agency Agreement between the Issuer and Yorkton Securities Inc. dated June 1st, 1987.

All of the aforementioned Agreements are more particularly described in this Prospectus.

All material contracts to which the Issuer is a party may be inspected at its registered and records office during normal business hours while primary distribution of the shares offered hereunder is in progress and for a period of thirty (30) days thereafter.

#### **OTHER MATERIAL FACTS**

There are no other material facts with respect to the Issuer's affairs.

#### **PURCHASER'S STATUTORY RIGHT OF WITHDRAWAL AND RESCISSION**

The Securities Act provides a purchaser with a right to withdraw from an agreement to purchase securities within two (2) business days after receipt or deemed receipt of a prospectus and further provides a purchaser with remedies for rescission or damages where the prospectus and any amendment contains a material misrepresentation or is not delivered to the purchaser prior to delivery of the written confirmation of sale or prior to midnight on the second business day after entering into the agreement, but such remedies must be exercised by the purchaser within the time limit prescribed. For further information concerning these rights and the time limits within which they must be exercised the purchaser should refer to Sections 66, 114, 118 and 124 of the Securities Act or consult a lawyer.

SENTINEL GOLD CORP.  
(formerly Baron Ventures Ltd.)

FINANCIAL STATEMENTS

APRIL 30, 1987

**DE VISSER & COMPANY**  
CHARTERED ACCOUNTANTS

PETER J. DE VISSER, C.A. LTD.

201 - 960 RICHARDS STREET  
VANCOUVER, B.C. CANADA  
V6B 3C1

TEL: (604) 687-5447  
FAX: (604) 687-6737

AUDITORS' REPORT TO THE DIRECTORS,

We have examined the balance sheets of Sentinel Gold Corp. (formerly Baron Ventures Ltd.) as at April 30, 1987 and 1986 and the statements of deferred administration costs and changes in financial position for the year ended April 30, 1987 and the period from incorporation on March 19, 1986 to April 30, 1986. 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 April 30, 1987 and 1986 and the results of its operations, and the changes in its financial position for the year ended April 30, 1987 and the period from incorporation on March 19, 1986 to April 30, 1986 in accordance with generally accepted accounting principles in Canada applied on a consistent basis.



Vancouver, B.C.  
May 20, 1987, except for notes 8 and 5  
which are June 1, 1987 and September 15, 1987 respectively.

SENTINEL GOLD CORP.  
(formerly Baron Ventures Ltd.)

BALANCE SHEET

APRIL 30, 1987

	1987	1986
	\$	\$
A S S E T S		
CURRENT		
Cash and short term deposits	47,820	1
MINERAL PROPERTIES AND DEFERRED EXPLORATION AND DEVELOPMENT COSTS (note 3)	93,635	-
DEFERRED ADMINISTRATION COSTS	11,227	-
	<u>152,682</u>	<u>1</u>
L I A B I L I T I E S		
CURRENT		
Accounts payable	1,000	-
Due to related party (note 7)	19,082	-
	<u>20,082</u>	<u>-</u>
S H A R E H O L D E R S ' E Q U I T Y		
SHARE CAPITAL (note 4)	132,600	1
	<u>152,682</u>	<u>1</u>

APPROVED BY THE DIRECTORS:

*DB Foster*  
*RAD*

The accompanying notes are an integral part of these  
financial statements

SENTINEL GOLD CORP.  
(formerly Baron Ventures Ltd.)

STATEMENT OF DEFERRED ADMINISTRATION COSTS  
FOR THE YEAR ENDED APRIL 30, 1987

	1987	Incorporation on March 19, 1986 to April 30, 1986
	\$	\$
Bank charges	48	-
Legal and accounting	1,280	-
Professional fees	7,500	-
Rent	2,500	-
	<hr/>	<hr/>
	11,328	-
Less interest income	(101)	-
	<hr/>	<hr/>
	11,227	-
	<hr/> <hr/>	<hr/> <hr/>

The accompanying notes are an integral part of these  
financial statements

SENTINEL GOLD CORP.  
(formerly Baron Ventures Ltd.)

STATEMENT OF CHANGES IN FINANCIAL POSITION

FOR THE YEAR ENDED APRIL 30, 1987

	1987	Incorporation on March 19, 1986 to April 30, 1986
	\$	\$
<b>CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES</b>		
Changes in non-cash working capital items		
Accounts payable	1,000	-
Due to related party	19,082	-
	20,082	-
<b>CASH PROVIDED BY (USED IN) INVESTING ACTIVITIES</b>		
Mineral properties and deferred exploration and development costs	(93,635)	-
Deferred administration costs	(11,227)	-
	(104,862)	-
<b>CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES</b>		
Share capital	132,599	1
<b>CASH PROVIDED DURING THE YEAR</b>	47,819	1
<b>CASH - BEGINNING OF YEAR</b>	1	-
<b>CASH - END OF YEAR</b>	47,820	1

The accompanying notes are an integral part of these  
financial statements



SENTINEL GOLD CORP.  
(formerly Baron Ventures Ltd.)

NOTES TO THE FINANCIAL STATEMENTS

APRIL 30, 1987

1. **NATURE OF OPERATIONS**

The company is in the development stage of exploring its mineral properties and has not yet determined whether these properties contain reserves that are economically recoverable.

2. **SIGNIFICANT ACCOUNTING POLICIES**

**Exploration, Development and Deferred Administration Costs**

The company capitalizes exploration and development costs and defers administration costs related to its mineral properties. These costs will continue to be capitalized and deferred until resource production commences, at which time they will be amortized over the maximum estimated production life of the property. When the properties are sold, allowed to lapse, or abandoned, these costs will be written off at that time.

**Loss per Share**

Loss per share has not been calculated as it is not considered meaningful at this stage of the company's operations.

**Income Taxes**

The company has non capital losses which are available to be offset against future taxable income. The benefits of these losses are not reflected in these financial statements as there is no virtual certainty that the company will be able to utilize them.

3. **MINERAL PROPERTIES AND DEFERRED EXPLORATION AND DEVELOPMENT COSTS**

Ureka and Opus Claims  
Alberni Mining Division, British Columbia

The company acquired for the cost of staking, a 100% interest in a group of claims known as the Ureka and Opus claims.

3. **MINERAL PROPERTIES AND DEFERRED EXPLORATION AND DEVELOPMENT COSTS**  
(continued)

	\$
Cost of mineral properties includes:	
Staking costs	6,941
Exploration and development costs	<hr/>
Geological and engineering fees	35,046
Drafting	342
Lodging, field supplies and miscellaneous	6,902
Assaying and analysis	12,476
Helicopter and transportation	31,928
	<hr/>
	86,694
	<hr/>
	93,635
	<hr/> <hr/>

4. **SHARE CAPITAL**

Authorized share capital of the company consists of 20,000,000 common shares without par value.

	Number of Shares	\$
Issued during the year		
- for cash at 1¢ per share	750,000	7,500
- for cash at 25¢ per share	153,624	38,406
- for cash by flow-through share offering at 25¢ per share (note 6(a))	346,776	86,694
	<hr/>	<hr/>
Issued at April 30, 1987	1,250,400	132,600
	<hr/> <hr/>	<hr/> <hr/>

Of the company's issued share capital, 750,000 shares are to be held in escrow and may not be traded prior to obtaining regulatory approval.

Stock options have been granted to directors and officers of the company to purchase up to 172,000 shares at 35¢ per share exercisable within two years from the date a receipt is issued by regulatory authorities for the company's initial prospectus.

Refer to notes 7 and 8.

5. **INCORPORATION AND CHANGE OF NAME**

The company was incorporated on March 19, 1986 under the British Columbia Company Act as Baron Ventures Ltd. and changed its name on May 26, 1987 to Sentinel Gold Corp. On September 15, 1987 the company changed its name to Pacific Sentinel Gold Corp.

6. **RELATED PARTY TRANSACTIONS**

- a) A company controlled by a director received 346,776 shares under a flow-through share agreement, whereby the investor company obtained the benefit of the Canadian Exploration Expense Deductions of the company by the expenditure of the flow through funds.
- b) A company controlled by one of the directors was paid a total of \$9,660, which consisted of \$7,160 for exploration and development costs and \$2,500 for rent.
- c) A director of the company was paid \$7,500 for professional services rendered.
- d) A director of the company was paid \$5,339 for geological services rendered.

7. **SUBSEQUENT EVENTS**

- a) A related party was paid \$19,082, of which \$14,751 represented costs incurred on behalf of the company to third parties.
- b) The company received share subscriptions for 76,000 shares at 25¢ per share.

8. **PROSPECTUS**

The company is proposing to offer to the public in British Columbia its first public offering of 400,000 common shares at a price of 35¢ per share. Net proceeds from this offering are expected to be \$128,000. The entire offering must be sold within 180 days of listing of the company's shares on the Vancouver Stock Exchange or the funds will be returned in full to the subscribers. The obligations of the agent under the agency agreement may be terminated prior to the effective date at the agent's discretion on the basis of his assessment of the state of the financial markets and may also be terminated at any time upon the occurrence of certain stated events.

THE URSUS CREEK PROJECT

Vancouver Island, British Columbia

Map Sheet No. 92F-5

for

BARON VENTURES LTD.

by

J. R. Woodcock

J. R. Woodcock Consultants Ltd.  
1226 - 510 W. Hastings Street  
Vancouver, B. C. V6B 1L8

May 11, 1987

A stylized logo consisting of the letters 'JRW' in a bold, rounded, sans-serif font. The letters are interconnected, with the 'J' and 'R' sharing a vertical stroke on the left, and the 'W' being formed by two 'V' shapes joined at the bottom. The logo is positioned in the bottom right corner of the page.

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## THE URSUS CREEK PROJECT

### SUMMARY

In 1986 Baron Ventures Ltd. acquired 15 claims including 208 units along Ursus Creek, a tributary of Bedwell River on western Vancouver Island. This is an area of steep topography and heavy timber. Access at present is by helicopter from Tofino or Nanaimo. Logging roads are approaching the area up the Bedwell River from the west and also along Taylor River from the east.

The Bedwell River batholith has a number of associated gold quartz veins which occur along fractures within the batholith. Those that have been explored most or exploited lie along the south side of Bedwell River and consist of very narrow quartz veins with very high grades in gold.

A few quartz veins (the Camp and Mid Pad showings) also occur along Ursus Creek. Only traces of gold occur on the Camp showing; gold values in the range of 0.2 oz. per ton occur on the Mid Pad showing.

The Junction showing is of a different geological type. It is a cataclastic zone which lies along Ursus Creek which itself reflects a major regional fault structure. Complexity of history is indicated by the quartz veins which have been brecciated and incorporated into the mylonite, by the foliation and siliceous nature of the mylonite, by the fracture set which may be superimposed on the mylonite, and by the disseminated pyrite mineralization and some associated gold values.

A program of stream geochemistry in the side drainages of Ursus Creek has also yielded a number of anomalies on which very little follow-up work has been done. Although outcrops are abundant along many of the streams there are extensive areas of no exposure.

Some geochemical and geophysical work has been done in the vicinity of Thunderbird Creek, a small tributary from the south. This included soil geochemistry, a magnetometer survey, and some VLF-EM work. The soil geochemistry is the most useful. It shows very irregular areas of anomalous values in the vicinity of the Camp showing. This is included within a large area of erratic anomalous values that extends along the south side of Ursus Creek and encompasses several of the quartz veins.

Further work has been recommended to include follow-up on the stream geochemical anomalies and some mapping and sampling on the geochemically anomalous Junction showing. Phase I of the recommended program including the geology and the geochemistry is estimated to cost \$61,800 and Phase II of the program to include trenching and sampling is estimated to cost \$38,200. Total of Phase I and Phase II is \$100,000.

JRW

## INTRODUCTION

### GENERAL

The Ureka and Opus claims along Ursus Creek were staked in November, 1986 to cover gold showings occurring mainly in altered granodiorite.

Claims were originally recorded in the Thunderbird Creek area of the Ursus Valley in May 1939 and, in the past, several owners have carried out small programs of prospecting and trenching on the gold showings along Ursus Creek. Considerable underground exploration was also completed on the nearby Musketeer, Buccaneer, Avon and Trophy groups and a small amount of gold production was obtained in the 1940's from narrow quartz veins at the Musketeer Mine.

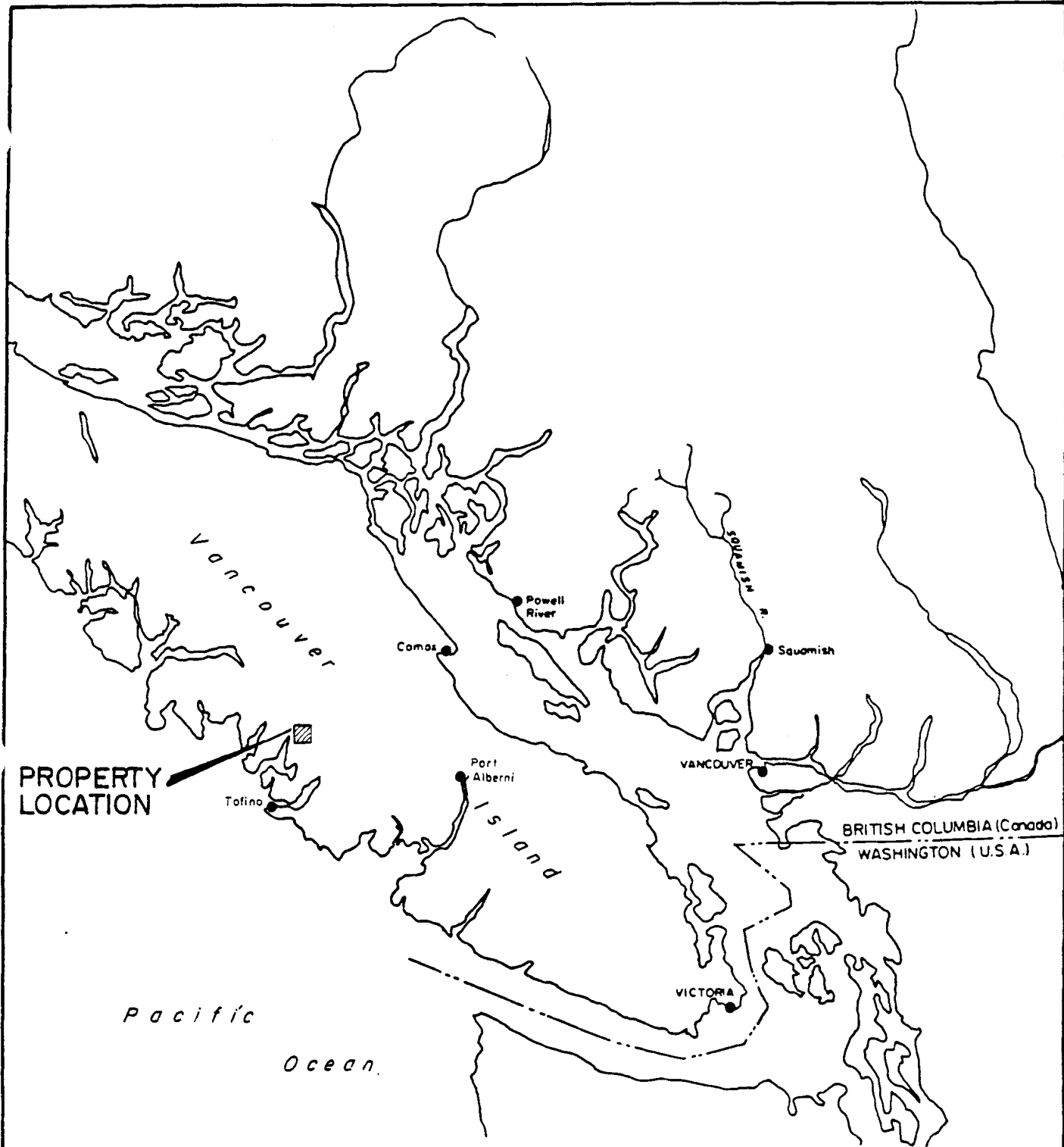
Between December 3 and December 14, 1986, D. Forster, J. Shearer, D. Brown and S. Butler completed an initial geological appraisal along Ursus Creek. Concurrently Chase and Associates Ltd. established and carried out geophysical and geochemical surveys, based from a camp near Thunderbird Creek. Subsequent follow-up work was done under the direction of Mr. J. Shearer.

The present writer visited the property accompanied by Mr. J. Shearer on February 25, 1987 in order to examine some of the mineralized trenches and other aspects of the property.

The legal cornerpost for the Ureka 5, 6, 7, 8 claims was examined and the records checked. None of the other claim posts were examined; however the writer believes them to be as represented by the company personnel and as reported on Table II of this report.

The writer also visited the property with Mr. Shearer on March 6 to check the Mid Pad and Branch showings; however the Junction showing was not accessible due to high water. On April 20, the writer returned to the property with Mr. D. Forster to examine the Junction showing and other exploration targets.





PROPERTY  
LOCATION

Tofino

Port  
Alberni

Comox

Powell  
River

Squamish

VANCOUVER

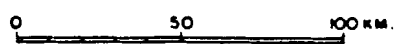
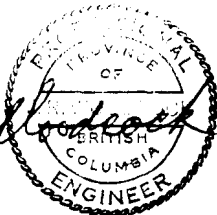
BRITISH COLUMBIA (Canada)  
WASHINGTON (U.S.A.)

VICTORIA

Pacific  
Ocean.



*J. R. Woodcock*



**BARON VENTURES LTD.**

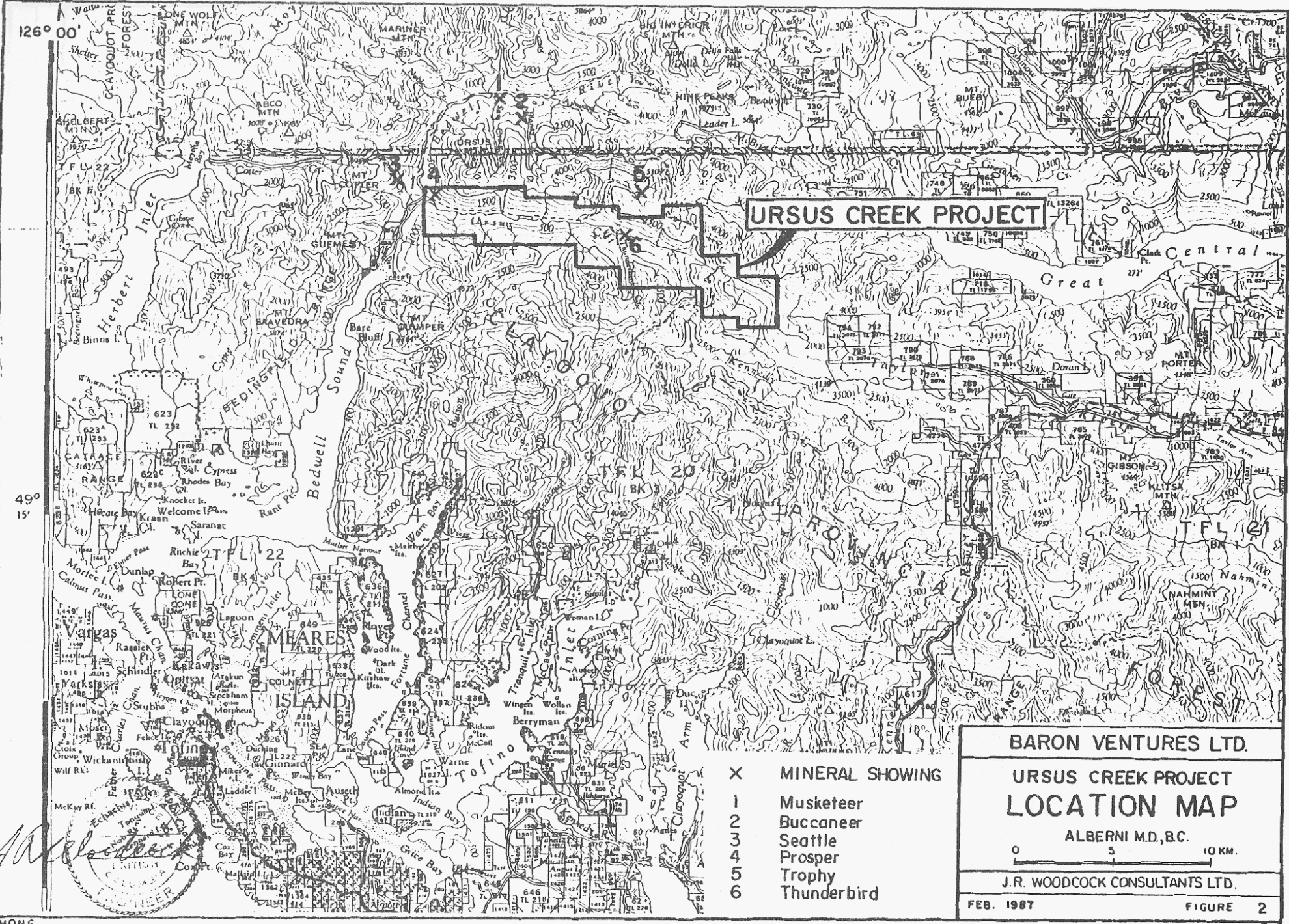
URSUS CREEK PROJECT  
9275 INDEX MAP

ALBERNI M.D., B.C.

**J. R. WOODCOCK CONSULTANTS LTD.**

FEBRUARY 1987

FIGURE NO 1



- X MINERAL SHOWING
- 1 Musketeer
- 2 Buccaneer
- 3 Seattle
- 4 Prosper
- 5 Trophy
- 6 Thunderbird

## HISTORY

One of the earliest prospects located along the Bedwell River was the Seattle property lying west of the confluence of Bedwell River and Ursus Creek. This was located in 1896. Most of the gold prospects, however, were found and located in the years 1938 to 1940. The most important prospect, the Musketeer, was first discovered in 1938 and subsequently explored by a number of companies including Pioneer Gold Mines Ltd. The Buccaneer, also consisting of narrow high grade gold quartz veins, was originally located by Mr. Samuel D. Craig in 1939. The Prosper property, close to the present claim holdings of Baron Ventures Ltd., was also discovered in 1939.

The prospects near the junction of Thunderbird Creek and Ursus Creek were originally recorded in 1939 under a partnership agreement between G. A. Williams, B. H. Symons, J. W. Harvey, H. P. Martin, and D. V. Evans. This property was subsequently acquired by Mr. Sam Craig in about 1979. He optioned the property to Eldorado Minerals and Petroleum Ltd. and this company, in 1984, hired Virginia Kuran to conduct a program of exploration including trenching, sampling and soil geochemistry.

## EXPLORATION WORK - BARON VENTURES

Exploration work by Baron Ventures Ltd. included a base line trending  $104^{\circ}$  with a 0 point near the trench area and cross lines at 25-meter intervals in the central parts and 50-meter intervals in the eastern and western extremities.

Soil samples were collected at 10-meter intervals along the lines with the usual sample depth from 1 to 20 centimeters. In addition stream sediment samples, some soil samples and some rock samples were collected in a reconnaissance survey along the lower parts of Ursus Creek, using a helicopter based in Ucluelet.

Geophysics included a ground magnetometer survey using a Sintrex MP-2 proton precession total field magnetometer and a VLF-EM survey using Phoenix Geophysics VLF-2 instrument.

Some trenching and stripping was accomplished using an Atlas Copco drill and the trenches were sampled.

### LOCATION, ACCESS, PHYSIOGRAPHY

The claims are centered at latitude  $49^{\circ} 22.5'$  N, longitude  $125^{\circ} 36.5'$  W on Map Sheet 92F-5. They extend easterly along Ursus Creek and southeasterly over the pass into the upper drainage of Taylor River. The claims are 1500 meters south of the southern boundary of Strathcona Provincial Park.

Ursus Creek drains westward and enters Bedwell River three kilometers north of its exit to Bedwell Sound. Thunderbird Creek flows northerly into Ursus Creek and the small TEH grid is at this junction, ten kilometers east of the junction of Ursus Creek and Bedwell River. This grid is also approximately ten kilometers west of the western extremity of the Taylor River logging access road. Another old logging road, now abandoned, follows the west side of Bedwell River.

Access at present must be by helicopter from Port Alberni, 60 kilometers to the southeast or from Nanaimo, 165 kilometers to the southeast. In the summer season temporary helicopter bases may be occupied at Tofino, 55 kilometers to the southwest. Helicopter access for any major transportation such as a drilling job should be from the end of the Taylor River road.

The property is in the West Coast region of heavy rainfall, heavy virgin timber, and steep topography. Although logging has been carried on along Bedwell River to the west and along the Taylor River to the east, the property at present is not accessible. However the claims are within Tree Farm Licence 20, Block 3 and extensive on-ground timber cruising was done in 1986 around the grid area. Hopefully this will lead to logging operations and access roads.

The property is covered by typical west coast rain forest vegetation, mainly mature western red cedar up to two meters in diameter mixed with large hemlock and a few Douglas fir. The open forest floor vegetation consists of salal, ferns and minor immature hemlock and yew trees. Parts of the main Ursus Creek valley bottom are a dense thicket of buck brush and devil's club.

### PROPERTY STATUS

The Ureka 1 to 14 and Opus 1 to 2 claims are held in the name of Douglas B. Forster. The property includes 200 units in 15 claims, all recorded on December 1, 1986.

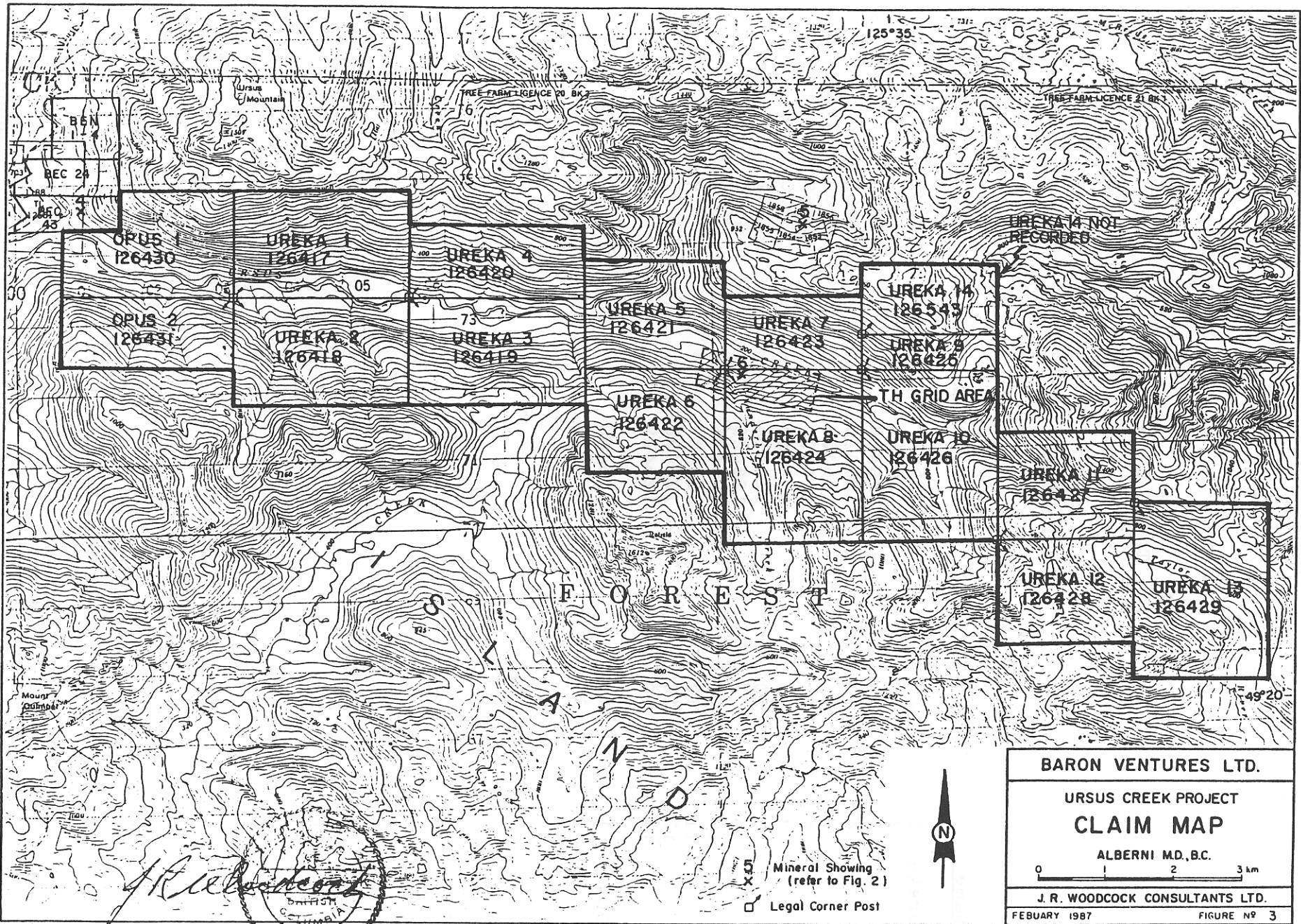
The claim data is given in Table I.

JRW

TABLE I

CLAIM DATA

<u>Name</u>		<u>Units</u>	<u>Tag Number</u>	<u>Record Number</u>
Ureka	1	15	126417	3064
	2	15	126418	3065
	3	15	126419	3066
	4	10	126420	3067
	5	12	126421	3068
	6	12	126422	3069
	7	8	126423	3070
	8	20	126424	3071
	9	4	126425	3072
	10	20	126426	3073
	11	12	126427	3074
	12	12	126428	3075
	13	20	126429	3076
Opus	1	15	126430	3077
	2	10	126431	3078



Mineral Showing  
 (refer to Fig. 2)  
 Legal Corner Post

<b>BARON VENTURES LTD.</b>	
URSUS CREEK PROJECT	
<b>CLAIM MAP</b>	
ALBERNI M.D., B.C.	
J. R. WOODCOCK CONSULTANTS LTD.	
FEBRUARY 1987	FIGURE N° 3

## GEOLOGY

### REGIONAL GEOLOGY

Much of the central part of Vancouver Island is underlain by Triassic strata, including the Karmutsen basaltic volcanics and the overlying Quatsino limestone. These are intruded by irregular batholithic plutons of the Vancouver Island Intrusions, Middle Jurassic in age. Many of the irregularities in the distribution of the batholithic rocks are due to faulting, especially a northwest trending system of faults that are dominant in the vicinity of Ursus Creek. These offset and juxtapose batholithic rocks against Triassic rocks, mainly the Karmutsen volcanics.

### REGIONAL MINERALIZATION

Several gold-bearing quartz veins, found in the Bedwell River batholith, have been explored in the past by trenches and/or underground workings. One of these, the Musketeer property, has produced gold.

Many of the characteristics of the gold-bearing quartz veins along Bedwell River may be of value in the exploration along Ursus Creek and therefore the geology of four of these properties, the Musketeer, the Buccaneer, the Trophy, and the Prosper will be briefly described.

#### The Musketeer Group

The veins, which occur within the batholith, are about a mile from its western margin and occur in two complementary sets of fractures along which there has been some shearing. The one group of fractures strikes  $10^{\circ}$  to  $30^{\circ}$  azimuth and dips steeply to vertical. In some places andesite dikes occur in fractures of similar attitude. The other group of fractures strikes northeast to east and dips northerly at angles from  $45^{\circ}$  to  $75^{\circ}$ .

At the Musketeer property, the Trail Vein strikes northerly and is offset by the fracture which contains the Musketeer Vein and which strikes easterly.

The quartz veins have sections which are ribboned and generally contain gouge along the walls. The veins are composed of quartz with some white carbonate and varying proportions of sulphides. The sulphides are distributed irregularly in the veins, comprising up to 15% combined sulphides including pyrite, galena, sphalerite, and chalcopyrite.

Pyrite alone is not a reliable indicator of gold; galena and perhaps sphalerite are usually observed with pyrite in vein matter that assays well in gold. Also the gold appears to be independent of the chalcopyrite content.

One of the characteristics of these veins is their very narrow width and their good gold content. A number of samples from the 1000-level of the Musketeer Vein presented by Sargent (1941, p 40) shows that the highest gold values are generally with the banded vein material and that a weighted average of ten samples, disregarding whether or not they are within ore shoots, is 1.48 oz/ton Au across 5.4 inches (14 cm), with values up to 4.95 oz/ton across 4.5 inches. Silver values are generally slightly less than the gold values.

#### Buccaneer Mines Ltd.

Two parallel veins have been explored at the Buccaneer property and both of these veins occur in branching fractures which are largely in or at the sides of altered green andesite dikes. These dikes strike about N 25° E and dip steeply southeast. They have exposed widths of from a few centimeters up to 7 meters, generally averaging about 2.5 meters. The veins can occur along one side of a dike and cross to the other side for an interval and in places can also cross to an adjacent dike.

The vein filling generally consists of quartz, in veins from 5 to 50 cm wide and generally having gouge at the walls. The quartz veins contain fragments of wall rock that are generally partly replaced by ankerite and chlorite. Some of the vein matter is ribboned by closely spaced fractures parallel to the walls.

In places along the veins the quartz can replace sheared wall rocks forming lenticular masses or irregular stringer zones. These bodies are up to 1.3 meters wide but are generally barren of gold.

The primary sulphides include chalcopyrite, pyrite, galena and sphalerite, generally forming less than 1% of the vein. The gold distribution is irregular; it occurs in the gangue and in contact with or close to the sulphides. Although the gold values are highest where base metals are present, gold does also occur where no base metals are detectable by assays.

Widths of veins are again very narrow and gold values are quite high. A number of samples have been taken and presented by Sargent (1941, pp 56-60). The best values reported are from the 1600-level of the Craig Vein and 18 of these samples, regardless of sample locality, have a weighted average of 2.34 oz/ton Au across 8.2 inches (21 cm).



### The Trophy Property

The Trophy group of claims, originally recorded in 1939, is on the North Fork of Ursus Creek, approximately one kilometer north of Ureka 7 claim. Sargent (1940) reports that several cabins have been built and that development work has been done on the vein.

The rock is dominantly quartz diorite of the Bedwell River Batholith which includes some light fine-grained dikes and some remnants of volcanic rock. Alteration is intense enough in places to obscure the identity of the original rock.

The Trophy Vein strikes N 70° E and dips 80° southerly. At the time of Sargent's visit, it was exposed in the canyon and in trenches for a total distance of 175 feet. Apparently subsequent to his visit an adit was driven southerly to cross-cut the vein and drift along it.

The vein filling consists of banded quartz containing small amounts of sulphides irregularly distributed or white unbanded quartz. Gouge occurs along the walls and in places forms thin partings within the quartz. In the latter case it has been highly altered to sericite. Pyrite is the dominant sulphide; however galena, sphalerite and chalcopyrite are also present and free gold occurs in small grains in the white quartz.

Sargent selected a grab sample of the white quartz, rejecting any that had visible gold and this sample assayed 0.02 oz/ton Au and trace Ag. He also selected a sulphide-bearing sample which assayed 2.70 oz/ton Au and 0.7 oz/ton Ag. He took three samples across the width of the vein and reported 9.5 inches assaying 0.3 oz/ton Au and trace Ag, 14 inches assaying 0.08 oz/ton Au and trace Ag, and 16 inches assaying 0.58 oz/ton Au and 0.6 oz/ton Ag.

### The Prosper Property

The Prosper property, lying near the northwest corner of Opus 1 mineral claim, is presently covered by the Bess claim (Record Number 43). The Bess claims were acquired in June of 1975 by Mr. Walter Guppy of Tofino and transferred on September 30, 1985 to Bermuda Resources Ltd.

The property is an old one; some old adits and open cuts were made about 1903. In 1939 a group of people, including Walter Guppy, recorded the Prosper 1 to 8 claims.

The mineral showings exposed by and near the workings occur in the Karmutsen volcanics close to the Penny Creek batholith. Mineralization is associated with fractures that strike about N 70° E and dip 65° to 70° northerly. Shearing

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and chloritization has occurred along these fractures and at some points quartz stringers with disseminated pyrite have been formed. The quartz is mineralized with pyrite and chalcopyrite and some free gold. Sargent (1940, p 24) reports a number of samples taken in trenches over a length of about 200 feet (60 m). The weighted average of five sample sites is 0.39 oz/ton Au over 13.6 inches (35 cm).

## PROPERTY GEOLOGY

### Rock Units

Two main units occur on the property including batholithic rocks and the Triassic volcanic strata of the Karmutsen Group. Shearer has divided the batholithic rocks into granodiorite and a contact phase of quartz diorite.

Shearer's granodiorite is a light grey to buff-weathering, greenish grey hypidiomorphic rock with biotite and hornblende identified in the field. Until the ratio of potash feldspar to plagioclase feldspar is determined, only the field name can be used.

The quartz diorite is a dark green transition rock in which coarse quartz grains occur in a chlorite-rich matrix with some slight foliation. Relic feldspars are evident in most specimens and these are generally veined by very thin hair-line veins of calcite.

Karmutsen volcanics on Vancouver Island are generally aphanitic but can be fine-grained phaneritic. Colour is dark green and the rocks are generally considered to be oceanic basalts. In some places where running water has polished the surface, the pyroclastic nature is evident. These have only been mapped along the south part of the grid area.

### Structure

The maps of the Geological Survey of Canada (Muller, 1971 and Douglas, 1979) indicate a west-northwest trending fault that extends from the west end of Sproat Lake to the head of Herbert Inlet. This follows the drainage of Ursus Creek and, along the upper part of the creek, juxtaposes batholithic rocks on the north against Karmutsen volcanics on the south. Other sub-parallel regional faults lie about three kilometers to the north and five kilometers to the south of Ursus Creek.

## MINERALIZATION ON THE PROPERTY

The Thunderbird property includes four showings of quartz mineralization, some of which carry gold values. These have been named the "Main" or "Camp Creek" showing which is at

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Line 0 + 00 (Trench 1); the "Mid Pad" showing which is along Line 4 + 50 E and occurs on the cliffs immediately south of Ursus Creek; the "Junction" (East) showing which occurs along the south side of Ursus Creek between Lines 7 + 00 E and 7 + 50 E, and the "Dike" showing which is about one km downstream from the "Main" showing.

#### Main Showing

The Main showing occurs adjacent to the strong shear zone that marks Camp Creek. The shallow overburden and moss were removed from this showing by previous workers. Trenching done in 1986 enlarged the exposure of the mineralized rock.

Quartz mineralization has two dominant attitudes, almost at right angles. A quartz vein with some associated stringers is exposed on top of a little knoll where it has a variable strike in a northwesterly direction and a dip of about 40° southeast. This vein can be traced about ten meters in the exposure; it appears to pinch to the northwest and merge with the easterly-striking vein to the southeast. The easterly vein system, comprised of a number of thin veins and lenses which anastomose to form a high quartz stringer zone, is exposed in the face of a small cliff. The thickest quartz in this area is seven centimeters. Strike varies from northerly to N 73° E and dip is steep, about 80° northwesterly. The quartz veins expand at the intersection of the two systems.

The thickest (up to 7 cm) veinlets have bluish grey quartz with disseminated chalcopyrite and pyrite. The smaller white and grey quartz veins are barren of sulphides.

Mr. Doug Forster took twelve grab samples from the NW vein; the numerical average is 920 ppb Au. Mr. Joe Shearer, after additional trenching, did a more detailed sampling program. His results averaged 550 ppb Au for five samples from the NW vein and 450 ppb for twelve samples from the easterly vein. The present writer took two chip samples across the northwesterly striking vein, some of which had abundant chalcopyrite. These samples, both 20 centimeters long and one meter apart, returned assays of 245 ppb (.007 oz/ton) and 780 ppb (.02 oz/ton).

The vein has insufficient gold or size to be of economic importance.

#### The Mid Pad Showing

The Mid Pad showing includes a lensy quartz vein with associated quartz stringers that strikes 118° and dips 90°. It is exposed on the south side of Ursus Creek and can also be

seen in the cliffs along the north side of the creek, about 20 meters away. However, the creek could not be crossed at the time of the visit and so this exposure on the north side of the creek could not be sampled.

Three sets of samples have been taken and reported for this showing. Samples reported by Virginia Kuran in Assessment Report 12,623 have been taken across the narrow quartz vein and the adjacent rock in three sites. Values and widths obtained are as follows.

<u>Sample</u>	<u>Width (inches)</u>	<u>Au (oz/ton)</u>
95606	20	0.027
95607	60	0.023
95605	18	0.001
95603	26	0.02
91336	6	0.015

A number of samples were taken by Mr. Doug Forster on December 4, 1968 and analyzed in the same laboratory. The results are considerably higher, with assays of selected mineralization up to 0.849 oz. per ton.

The present writer, using a hammer and moil, took four samples across the quartz vein area. The westerly sample, (W13), taken over 53 centimeters, included mainly quartz vein but also some adjacent altered wall rock with a few quartz stringers. A second set of samples was taken 4.3 meters to the east of this. This included a 38-cm lens of quartz (W16) and a continuous 1-meter sample of wall rock to the south (W16). In addition a small lens or knot of quartz within a pinched part of the vein system was sampled (W15) across five centimeters. The results are as follows.

<u>Sample No.</u>	<u>Width (cm)</u>	<u>Au Geochem (Fire Assay) (ppb)</u>	<u>Equivalent oz/ton</u>
W87-13 R	53	1950	.057
W87-14 R	100	85	trace
W87-15 R	5	6700	0.197
W87-16 R	38	7350	0.216

The Junction (East) Showing

About two kilometers above the mouth of Thunderbird Creek is a major junction in Ursus Creek. The Junction showing is about 50 meters up the north branch from this junction and is exposed in the cliffs along the south side of the creek.

Natural scaling along major fractures that trend sub-parallel to the creek bed has created a cliff in which major fracture faces are interspersed with sharp small vertical steps or reentrants. The fractures strike  $120^{\circ}$  azimuth and dip about  $80^{\circ}$  NE.

The rock is a hard greenish cataclastic, probably a mylonite, containing numerous subangular, elongate fragments of quartz ranging in size from five centimeters down to microscopic. Considerable calcite occurs in much of it. The hardness may be due to the fine-grained nature of the mylonite or due to some later silicification. The matrix is composed of quartz and sericite. The green colour may be imparted by a bright green muscovite and/or chlorite. The rock is probably a tectonically crushed granodiorite.

Fine-grained pyrite is dispersed in varying portions throughout much of this rock and assays indicate the presence of gold; although its association within the rock has not been determined. In places the fine-grained pyrite is of sufficient quantity to product limonite on oxidation and this is quite apparent in the reentrant at the discovery point.

Selected samples by D. F. Forster on his first examination of the property returned gold values of 0.169, 0.496 and 0.778 oz/ton. On April 19 and 20, D. Forster took more closely controlled chip samples. These included one moiled channel sample (DF-123) across 1.2 meters which assayed 0.162 oz/ton Au. Other samples taken by Forster include a second chip sample about one meter above the first, that assayed 0.132 oz/ton over 0.5 meters; two additional chip samples extending continuously further north that assayed 0.115 ounces over 0.5 meters and 0.065 ounces over 0.5 meters; several grab samples of the scaled rock debris that assayed 0.169, 0.142, 0.026, and 0.142 oz/ton and three chip samples were taken three to six meters easterly along the base of the cliff that returned values of 0.027, 0.014, and 0.015 oz/ton.

The present writer took a chip sample with a hammer across the site of DF-123 and got 1590 ppb (equivalent to 0.045 oz/ton). The reason for the difference is not apparent; possibly the gold occurs in scattered thin pyritic seams. Three specimens were also submitted for assays. A piece of spalled rock with abundant quartz fragments and fine disseminated pyrite assayed 5600 ppb (0.165 oz. per ton) gold; a high sericite rock with scattered pyrite crystals but no quartz fragments assayed 365 ppb gold; and a silicified rock with scattered pyrite and a few quartz fragments assayed 435 ppb.

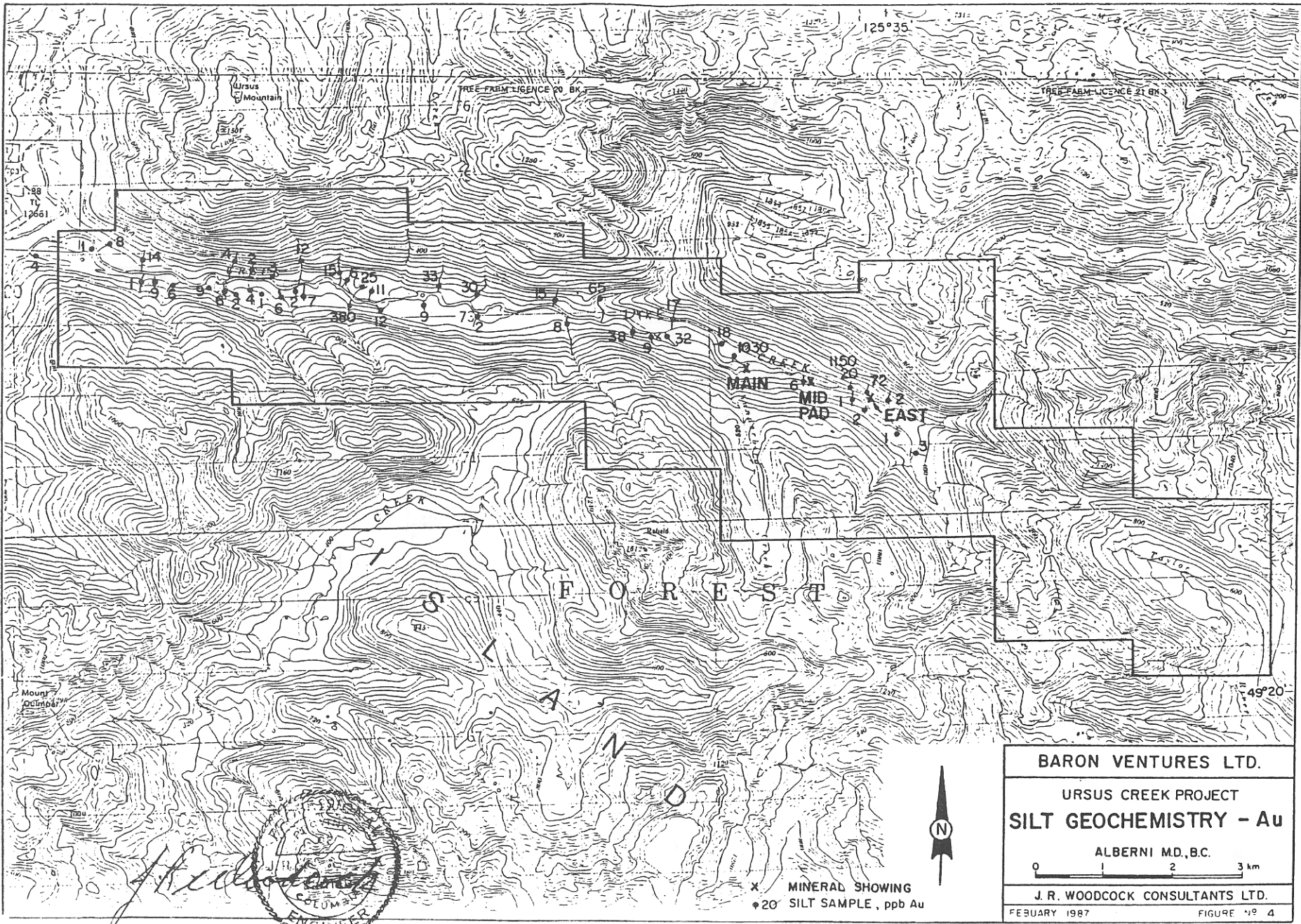
In addition, the writer took a rough grab sample from two outcrops of similar rock, about 200 meters further to the east. This sample assayed 415 ppb Au.

The fractures may be superimposed on the foliation at a very acute angle; however additional field work will be necessary to verify this. In any case there are several definite stages in a complex geological history. Certain structures had to be present for the initial quartz mineralization which was subsequently brecciated and drawn out into parallel elongated fragments in a cataclastic zone. The slight foliation may be related to this stage of the history. The fracturing was possibly superimposed on the mylonite. The gold mineralization was also superimposed on the mylonite, possibly controlled by the fracture zones.

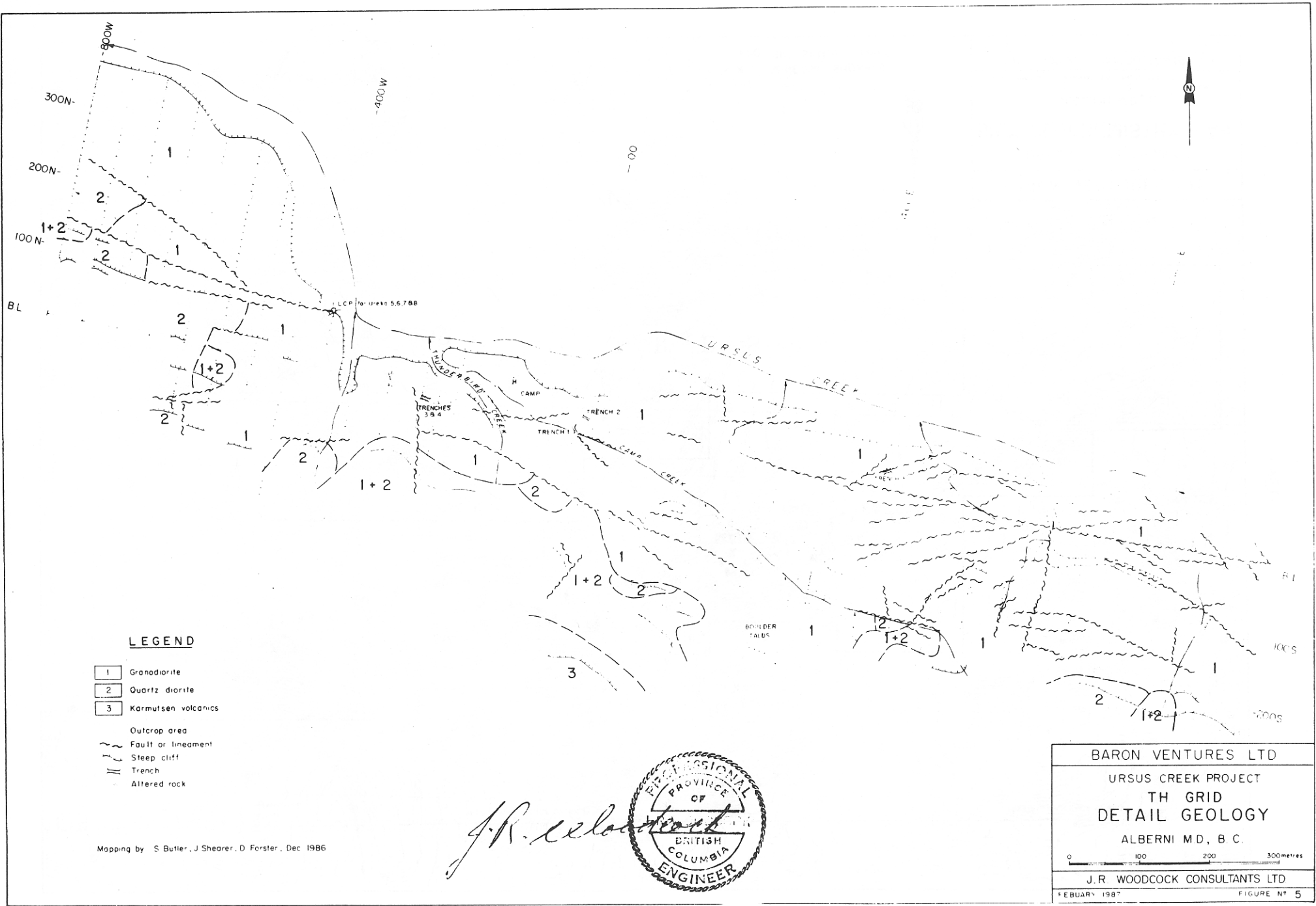
#### The Dike Showing

At the Dike showing, an exposure of buff-weathering granodiorite occurs on the south side of Ursus Creek. A fracture zone, that strikes  $116^{\circ}$  azimuth and dips  $80^{\circ}$  N, is silicified and cut by a few quartz stringers. This is mineralized with sparse disseminated pyrite and a few scattered specks of galena. A small grab sample of this altered rock analyzed 16 ppb Au.

The alteration lies north of a vertical basic dike that is ten meters wide and strikes  $130^{\circ}$  azimuth. A grab sample of the altered rock adjacent to the dike has 0.025 oz/ton Au. Fresh granodiorite occurs on the south side of the dike.



-13a-



**LEGEND**

- 1 Granodiorite
- 2 Quartz diorite
- 3 Karmutsen volcanics
- Outcrop area
- Fault or lineament
- Steep cliff
- Trench
- Altered rock

Mapping by S. Butler, J. Shearer, D. Forster, Dec. 1986

*J.R. Woodcock*

BARON VENTURES LTD

URSUS CREEK PROJECT

TH GRID

DETAIL GEOLOGY

ALBERNI M.D., B.C.

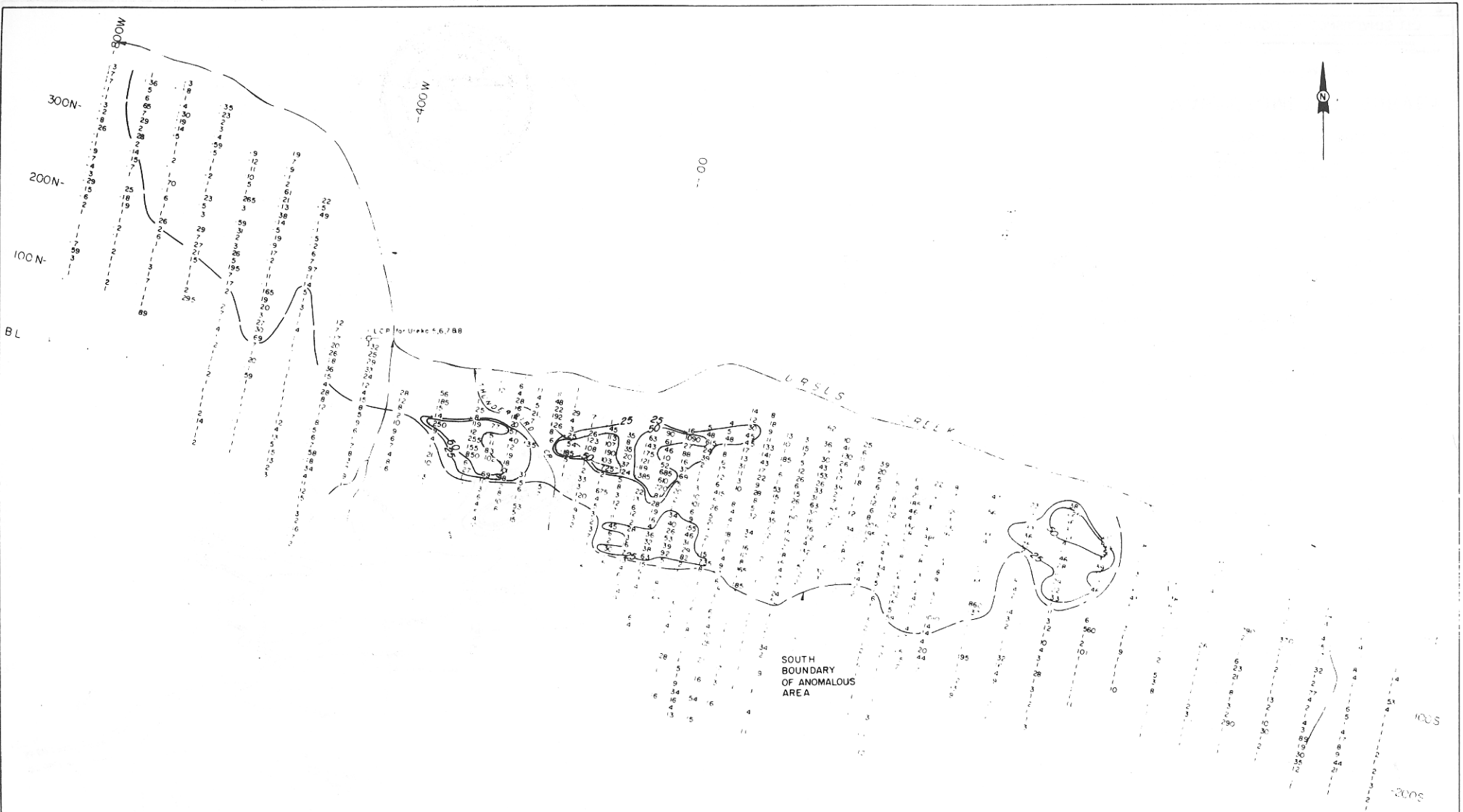
0 100 200 300 metres

J.R. WOODCOCK CONSULTANTS LTD

FEBRUARY 1987

FIGURE N° 5



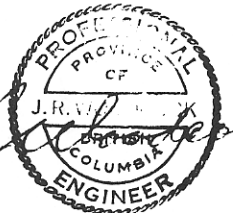
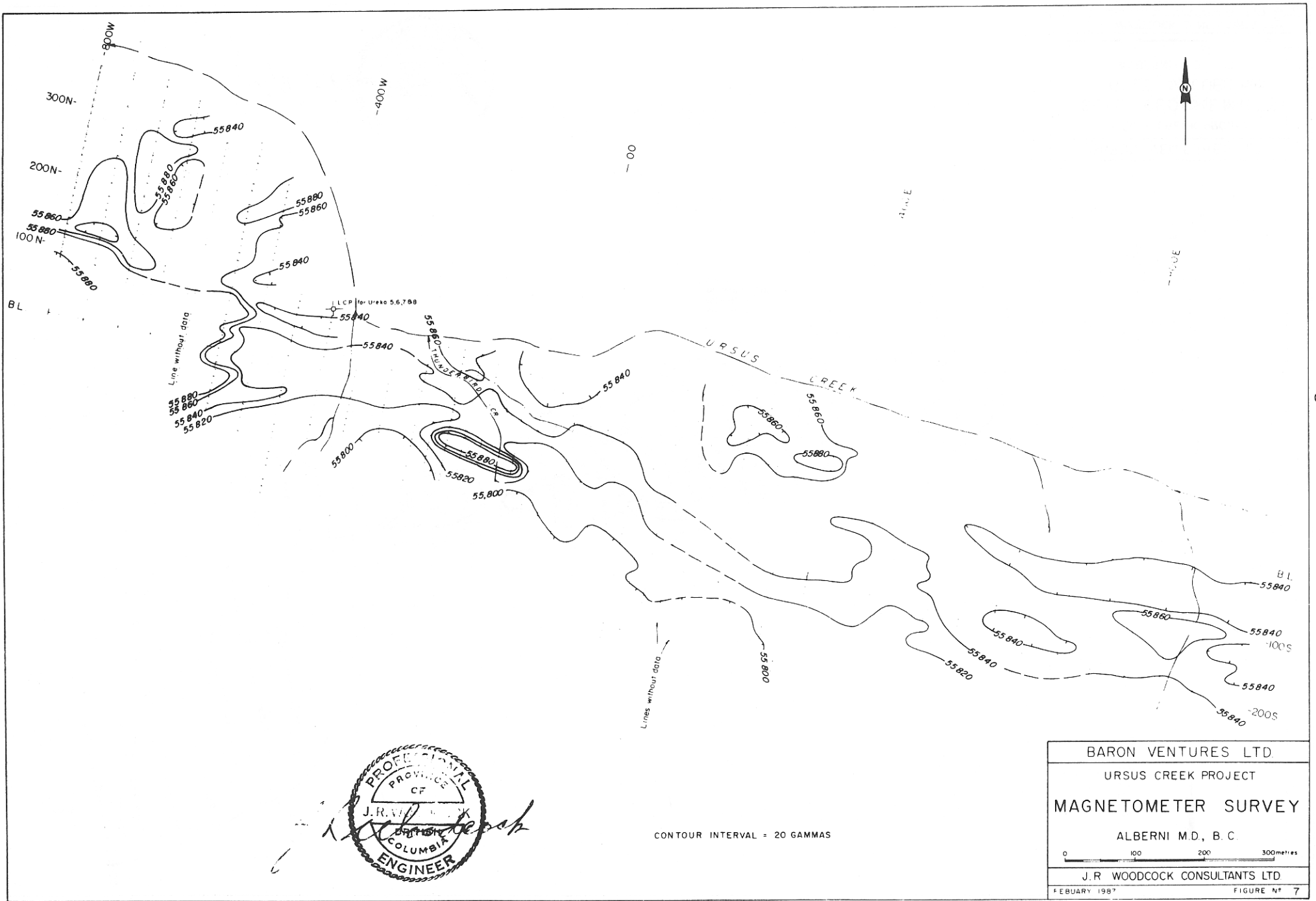


195 GOLD VALUE IN PPB



BARON VENTURES LTD.	
URSUS CREEK PROJECT	
SOIL GEOCHEMISTRY	
GOLD VALUES, ppb	
ALBERNI M.D., B.C.	
J.R. WOODCOCK CONSULTANTS LTD.	FIGURE N° 6

-13c-



CONTOUR INTERVAL = 20 GAMMAS

-13d-

## GEOCHEMISTRY

### SILT GEOCHEMISTRY

Small streams entering Ursus Creek from the south and the north have been silt sampled from the confluence with the Bedwell River to the forks near the head of the creek. This takes in about three-quarters of the length of the property. Many of the little streams are very steep and swiftly flowing and therefore obtaining fine silts is very difficult.

The silts were analyzed for traces of gold and the results for 45 silts are presented in Figure 4. Perusal of the results shows that most of the silts, especially those near the lower parts of Ursus Creek, have background values of 15 ppb or less.

Several anomalous samples were obtained and these include a stream from the south on Ureka 2 claim with 380 ppb, a stream from the north (opposite the TH grid) with 130 ppb, and a stream from the north on the Ureka 7 claim with 1150 ppb. This latter site was re-checked and a subsequent sample ran at 20 ppb. It is noteworthy that an adjacent stream is also moderately anomalous with 72 ppb. The great change in values of two samples from the same stream is characteristic of gold geochemistry and is generally attributed to nugget effect within the stream itself or within the laboratory portions selected from the sample.

Another anomalous value (65 ppb) occurs in a stream on the north side of Ursus Creek on the Ureka 5 claim. This is the stream that drains the Trophy gold prospect; the anomalous value may be attributed to this prospect.

Four additional somewhat anomalous values (30 to 38 ppb) occur in two streams on the north side of Ursus Creek on the Ureka 4 claim and on the south side of Ursus Creek on the Ureka 5 claim. Although these are not high values their significance is enhanced by the fact that, in both cases, the high values occur in adjacent streams.

### SOIL GEOCHEMISTRY

The grid area, centered near Thunderbird Creek, includes a central part where the line spacing is 50 meters and the east and west parts where the line spacing is 100 meters. Soil samples were taken at 25 meters along the cross lines and analyzed for gold at Acme Analytical Laboratories Ltd. Soil samples include some from the B horizon in glacial till, some of C-horizon in glacial till, and some of disintegrated bedrock. Results of this work are presented on Figure 6.

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The threshold for anomalous values is selected at 25 ppb Au; high anomalous values would be those that exceed 200 ppb Au. Values range up to 1090 ppb.

In general the map presents a picture of background gold values containing scattered anomalous values. In places the anomalous values are abundant enough to create continuous anomalous zones and these have been marked with contours at 25 ppb and 50 ppb. Most of these contoured anomalies occur in the vicinity of Thunderbird Creek and the largest one marks the little knoll that contains the Main showing. Outside of these contoured highs, the area has been divided into two geochemical zones including a southern zone in which most values are less than 5 ppb but which contains scattered anomalous values up to 790 ppb. North of this background area and generally surrounding and enlarging the contoured targets is an area in which most background values are above 5 ppb and up to 25 ppb. This "anomalous area" also has a greater abundance of scattered anomalous values between 25 ppb and 885 ppb.

The above technique of treating the geochemical values seems to give the most useful picture. Contouring individual anomalous values leaves an almost meaningless picture.

There are several factors which would attribute to the erratic nature of the geochemical map:

1. The highly anomalous values should be related to auriferous quartz veins and lenses.
2. The magnitude of the value will depend on the depth of the overburden. In places on high little knolls the weathered and disintegrated granitoid rock occurs at the surface just under the moss and, where this contains little quartz lenses or quartz veins, anomalous values can occur. In places where the depth of overburden is quite deep such as in the bottom of Ursus Creek valley and Camp Creek, one should expect a much lower geochemical value.
3. A contribution of the little streams to the Ursus Valley would create erratic conditions if some of the soil samples were taken on the debris from these little streams.
4. Glacial movement in the area would also redistribute any auriferous rock or vein material. The glacial ice at this place would have been down this sharp little valley in a westward direction.

## GEOPHYSICS

### MAGNETOMETER SURVEY

A ground magnetometer survey was done on the grid area by Bill Chase & Associates Ltd. and the results have been computer plotted by Shangri-La Minerals Ltd. The present writer has used the numerical results presented by Bill Chase & Associates Ltd. and simplified the contour map as presented in Figure 7. The data for three of the lines has been omitted for the purposes of this simplified contour map.

This map shows that the contours have a general trend in a southeasterly direction somewhat parallel to the base line. However, in the northwest part of the grid, over a width of seven cross lines, the values are generally higher and the southeasterly fabric is not apparent. Along the south edge of this higher west area is a magnetic high which has not been fully outlined.

In attempting to fit this magnetic picture with the geology one should note that, except for this western high area, there is a general decrease in magnetic intensity southerly along the grid lines and that the lowest values ( $< 55,800$  gammas) occur at the south end of the grid lines, generally in areas of mixed quartz diorite and granodiorite. This would also be in the area approaching the regional fault that separates the batholithic rocks from the Karmutsen volcanics to the south:

The reason for the western high is not apparent from the geological mapping to date; however the positive magnetic anomaly along the south side of this western high may correspond to areas of quartz diorite.

There is no apparent correlation of the magnetic picture with the geochemical map or the known mineralization.

### VLF-EM SURVEY

Parts of the grid have been surveyed by VLF-EM. The results add very little to the present picture.

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## CONCLUSIONS AND RECOMMENDATIONS

### CONCLUSIONS

1. The Bedwell River batholith has a number of associated gold quartz veins which occur along fractures within the batholith. The most interesting ones explored in the past are those along the south side of Bedwell River where mineralization occurs in narrow quartz veins with associated gouge and often andesite dikes. Widths have been very narrow, but grades have been very high.

The quartz veins found to date along Ursus Creek have been less spectacular. The Main showing appears to be of limited size and of sub-economic grades. The Mid Pad showing, where exposed, is of limited width and of moderate gold values. Whether or not increased widths or grade will be obtained along strike is not known.

2. The interesting Junction showing is a different geological type. It is not the usual conspicuous quartz vein. It is a cataclastic zone which lies along Ursus Creek, a major regional fault structure. Complexity of history is indicated by the pre-cataclastic quartz veins which have been brecciated and incorporated into the mylonite, by the foliation and siliceous nature of the mylonite, by the fracture set which may be superimposed on the mylonite, and by the disseminated pyrite mineralization and associated gold which may be controlled by the fracture sets.

This is a somewhat unique geological type of gold showing and it warrants additional exploration.

3. A program of stream geochemistry in the side drainages of Ursus Creek has yielded a number of anomalies on which very little follow-up work has been done. The area is of very steep topography and heavy forest with exposures largely limited to the sharp creek drainages. Although outcrops are abundant, there are extensive areas with no exposure.

### RECOMMENDATIONS

1. The Junction showing should be mapped, trenched and sampled in detail with a good base control. It appears to be extensive and its distance to the north is obscured by overburden. Surrounding unaltered outcrops should also be included in the map to establish the permissive extent of the mylonite zone.

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2. It is important to determine the gold association. If it is with the disseminated pyrite, induced polarization could be used to locate concentrations. A comparison of gold analyses with sulphur analyses should give the required information.

3. Further prospecting and mapping are necessary to determine the cause of the small stream anomalies. Detailed silt sampling along these drainages, possibly samples at 100-meter intervals, will help pinpoint their sources.

4. Additional targets found in the prospecting, mapping, and detailed silt sampling should be explored by soil geochemistry and, if mineralized exposures are found, by trenching and sampling.

5. Because of the steep topography and the heavy mature timber, access is difficult and any drill program using a standard drill machine, would involve costly drill site preparation and mobilization. Therefore sufficient surface work should be done before mobilizing a drill for exploration Stage II.

BUDGET

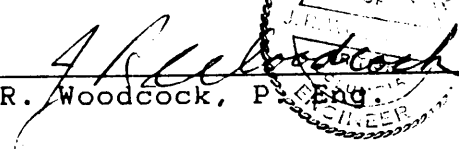
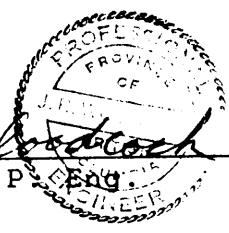
Phase I

Geologist and helper	\$15,800	
Grid lines and soil sampling	20,000	
Helicopter mob, demob, supply trips	5,000	
Transportation and freight	3,000	
Supplies and equipment	5,000	
Travel	1,000	
Assays and geochem analyses	3,000	
Report	4,000	
Contingency	<u>5,000</u>	\$ 61,800

Phase II

2 Men blasting and trenching	\$ 6,000	
Mucking and sampling	9,000	
Helicopter	4,000	
Transportation and freight	1,000	
Food	2,000	
Supplies	3,000	
Dynamite	2,000	
Travel	2,000	
Assays and geochem	2,000	
Report	2,000	
Contingency	<u>5,200</u>	<u>\$ 38,200</u>

Total for Phase I and Phase II \$100,000  
=====

  
\_\_\_\_\_  
J. R. Woodcock, P.  E.N.G.

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JRW



REFERENCES

Muller, J., 1971; Geological Reconnaissance Work of Vancouver Island: GSC Open File Map 61.

Roddick, J. A., Muller, J. E. and Okulitch, A. V., 1976; Fraser River: Geol. Surv. Can., Map 1386A, 1:1,000,000 Geological Atlas, Sheet 92.

Shearer, J. T.; Geological Notes Ureka 1 to 13 and Opus 1 to 2 Claims: Preliminary Draft for Assessment Work Report, December 15, 1986.

Sargent, H., 1940; Preliminary Report on Bedwell River Area: B. C. Department of Mines, Bull. No. 8.

Sargent, H., 1941; Supplementary Report on Bedwell River Area: B. C. Department of Mines, Bull. No. 13.

CERTIFICATE

I, J. R. Woodcock, do hereby certify that:

1. I am a consulting geological engineer with business address at 1226 - 510 West Hastings Street, Vancouver, British Columbia, V6B 1L8.

2. I have a Bachelor of Applied Science degree in geological engineering from the University of British Columbia and a Master of Science degree from the California Institute of Technology. I am a member of the Association of Professional Engineers of the Province of British Columbia.


3. I have worked in mineral exploration since 1953 and have been a consultant since 1969. I have worked in various parts of Canada, United States, Mexico and several other foreign countries.

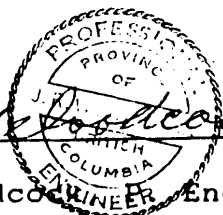
4. I have based my summary report and recommendations for the Ursus Creek property on a study of the data presented by Mr. Douglas Forster of Baron Ventures Ltd. and on three trips to the property.

5. I do not own shares of Baron Ventures Ltd. and I have no interest in the mineral claims that constitute the Ursus Creek property.

6. I consent to the use of this report and certificate by Baron Ventures Ltd. for the purpose of raising financing for the program as recommended and for such requirements as the Vancouver Stock Exchange may have.

Signed and sealed in Vancouver this 11th day of May, 1987.

  
\_\_\_\_\_  
J. R. Woodcock, Eng.



JRW:me



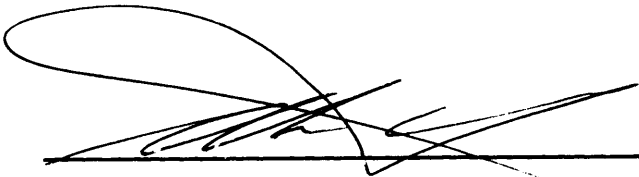
**CERTIFICATE OF THE AGENT**

To the best of our knowledge, the foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by the Securities Act and its regulations.

DATED: August 31st, 1987

**YORKTON SECURITIES INC.**

Per:



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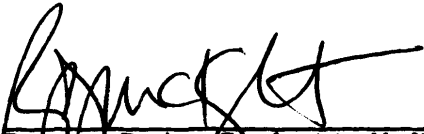
CERTIFICATE OF THE DIRECTORS AND PROMOTERS OF THE ISSUER

The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by the Securities Act and its regulations.

DATED: August 31st, 1987



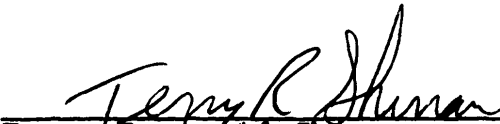
Robert Allan Dickinson,  
President, Chief Executive  
Officer, Director and Promoter



Barry Dale Corbett McKnight,  
Secretary, Chief Financial  
Officer and Director



Douglas Burton Forster,  
Director



Terry Reginald Shirran,  
Director