

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 90.03.30

ASSESSMENT REPORT 18598

MINING DIVISION: Victoria

PROPERTY: Cheryl
LOCATION: LAT 48 57 00 LONG 124 12 00
UTM 10 5422372 412139
NTS 092C16E

CAMP: 024 Sicker Belt

CLAIM(S): Cheryl, Ria
OPERATOR(S): Perrett, D.G.
AUTHOR(S): Perrett, D.G.
REPORT YEAR: 1989, 24 Pages

COMMODITIES
SEARCHED FOR: Gold, Silver
KEYWORDS: Pennsylvanian, Sicker Group, Sediments, Triassic, Karmutsen Formation
Volcanics, Jurassic, Island Intrusions, Quartz diorite

WORK
DONE: Prospecting, Geochemical
PROS 150.0 ha
SAMP 18 sample(s) ;AU,AG

LOG NO: 0719	RD. 2
ACTION: Date received report back from amendments. 24 p	
FILE NO:	

LOG NO: 0404	RD.
ACTION:	
FILE NO:	

FILMED

SPEARS GROUP

GEOCHEMISTRY, PROSPECTING AND ROCK SAMPLING

Victoria Mining Division

N.T.S. 92C/16E

Latitude 48°57'N Longitude 124°12'W

UTM 413000E, 5422000N

By

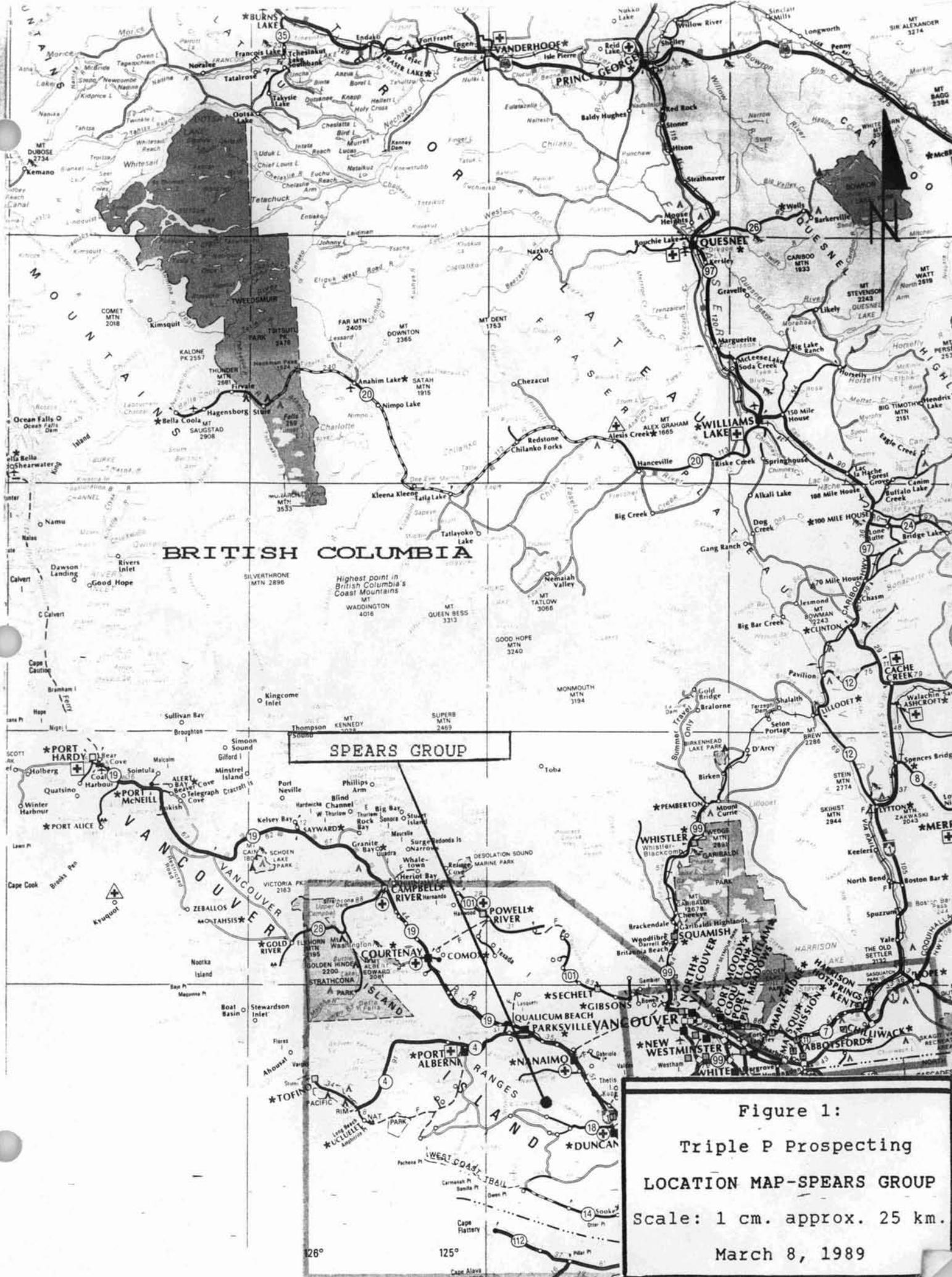
D.G. Perrett

of

Triple P Prospecting

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Date Recorded</u>
Cheryl	2212	18	April 08, 1988
Ria	2213	20	April 08, 1988

March 03, 1989



BRITISH COLUMBIA

SPEARS GROUP

Figure 1:
 Triple P Prospecting
 LOCATION MAP-SPEARS GROUP
 Scale: 1 cm. approx. 25 km.
 March 8, 1989

SPEARS GROUP
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RESULTS

Results of the stream sediment samples are inconclusive but notable in that only on the south side of the Chemainus River where any gold values noted. The area of over-lapping geochemical and geophysical anomalies that this program set out to investigate proved to be covered with deep overburden which consisted in part of large boulders which proved to be impenetrable by hand methods. Mineralization found and sampled in the south-west area of the property returned weakly anomalous gold and silver values.

CONCLUSIONS

The author feels that the results of this program are of such a nature as to render any conclusions as to their interpretation premature.

RECOMMENDATIONS

The author feels that a trenching program to determine the cause of geophysical and geochemical anomalies outlined by Imperial Metals Corporation's assessment work should be undertaken. The correlation if any between slightly anomalous gold and silver values in stream sediments and in mineralization on the south side of the Chemainus River should also be followed up.

INTRODUCTION

Objectives:

A previous regional stream-silt sampling program has indicated silt samples with anomalous values of gold, copper, silver, arsenic, and zinc from the properties drainage area. In addition to the geochemical anomaly there is a geophysical anomaly reported by Imperial Metals Corporation in their assessment report No. 14,792. Also there are several geochemical anomalies reported in Imperial Metals Corporation assessment reports 14,792 and 13,333. This program was intended to determine the source of these anomalies.

Location:

The Cheryl and Ria claims are located approximately 30 kilometers southwest of Nanaimo at the headwaters of the Chemainus River on Mt. Whympet, Mt. Landale and El Capitan Mountain.

The property consists of two adjoining claims.

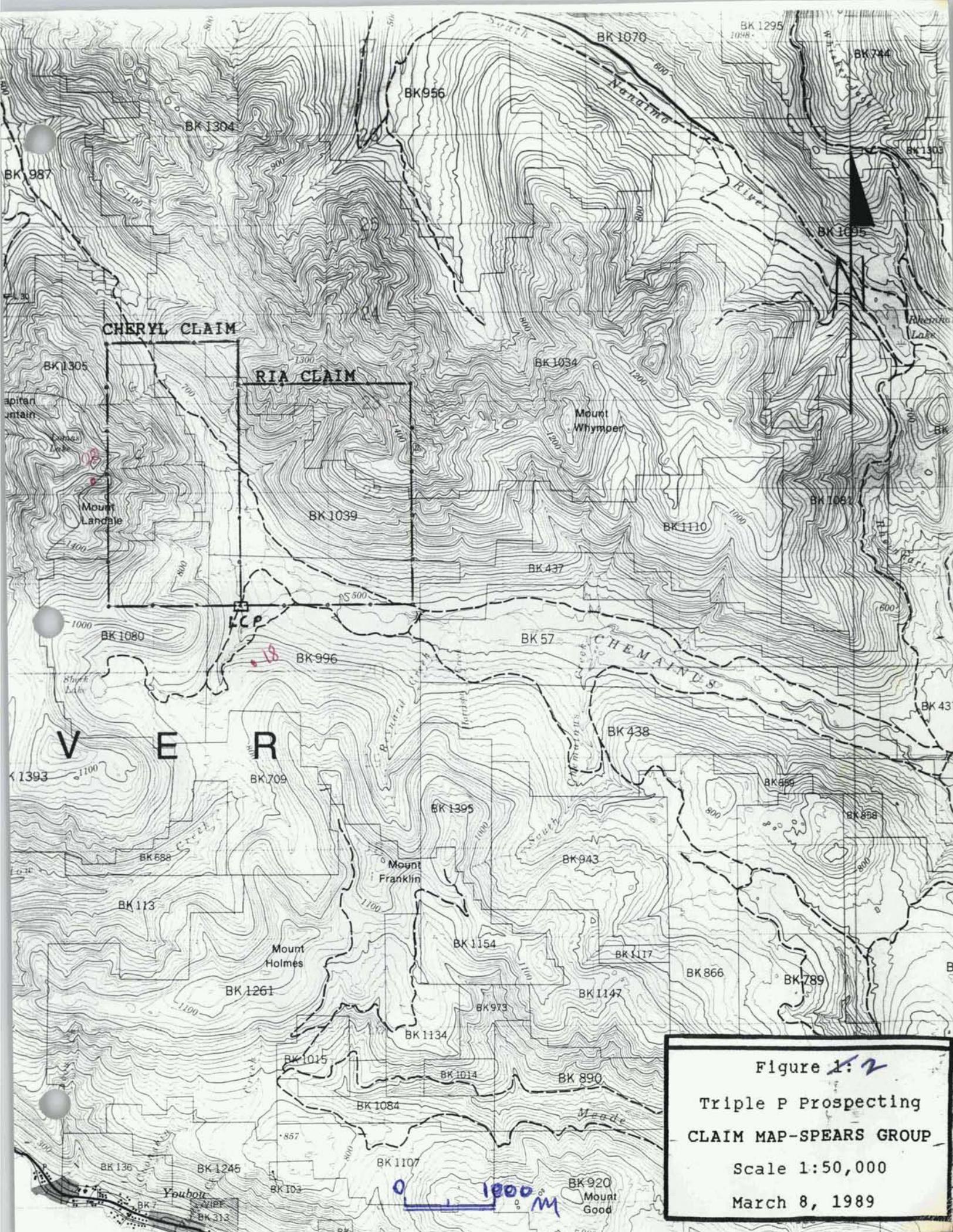
<u>Name</u>	<u>Units</u>	<u>Record No.</u>
Cheryl	18	2212
Ria	20	2213

Access :

Access is by forty kilometers of logging road (MacMillan-Bloedel Ltd.) from a point one kilometer north of Chemainus on highway number one.

Operations:

This program was undertaken from Duncan on a daily basis from June 30 to July 7 and from December 26 to 28 1988.



CHERYL CLAIM

RIA CLAIM

V E R

KCP

18

Figure 1:2
 Triple P Prospecting
 CLAIM MAP-SPEARS GROUP
 Scale 1:50,000
 March 8, 1989

0 1000m

GEOLOGY

REGIONAL GEOLOGY:

Regional geology for the most part is composed of middle Pennsylvanian Sicker Group sediments, upper Triassic Karmutsen basaltic volcanics and Jurassic Island Intrusions (Muller 1977).

PROPERTY GEOLOGY:

According to Muller the property is underlain by middle Pennsylvanian Sicker sediments and upper Triassic Karmutsen basaltic volcanics. Intrusive rocks on the property belong to the Jurassic Island Intrusions and are of Granodioritic to Quartz Dioritic composition. Detailed mapping of the property had not been carried out at the time of this report.

PHYSIOGRAPHY:

Topography is steep with heavily wooded slopes except where fire or logging operations have taken place. The claims extend across a valley from ridge to ridge and encompass the headwaters of the Chemainus River. Property elevation ranges from approximately 550 to 1500 meters above sea level.

SAMPLE COLLECTION AND ANALYSIS

Stream sediment samples were collected from various streams on the property at fifty meter intervals. Samples were collected by hand from the active stream area. The samples were taken from three or four sites within a few meters of each other and placed in a gold pan. Samples were then divided, half being placed in a kraft envelope and the other half panned down to concentrate. The concentrate was then examined for heavy minerals before being discarded. Stream sampling was not carried out on the south-west area of the property due to active logging. Rock samples were taken where mineralization was noted while collecting stream sediment samples. Rock samples were also collected on traverses which mainly explored logging roads, in particular the new cuts being made by the present logging operations.

Analysis of stream sediments was by fire assay with a atomic absorbtion spectroscopy finish for gold, for silver background corrected atomic absorbtion spectroscopy was the method used. The analysis of gold and silver in rock samples was by gravimetric fire assay. The methods employed by the laboratory and the results of the gold and silver assays are given in appendix i.

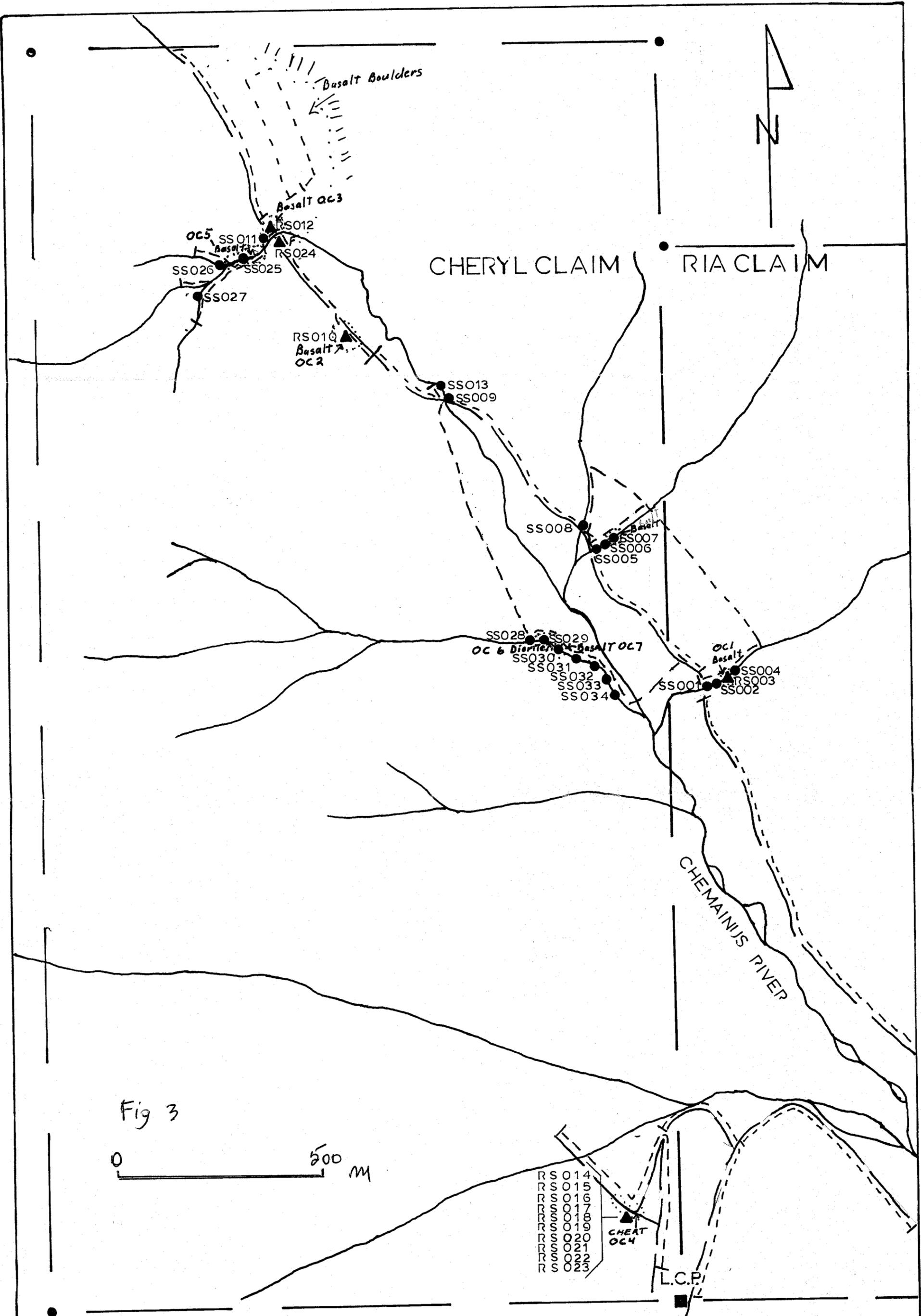


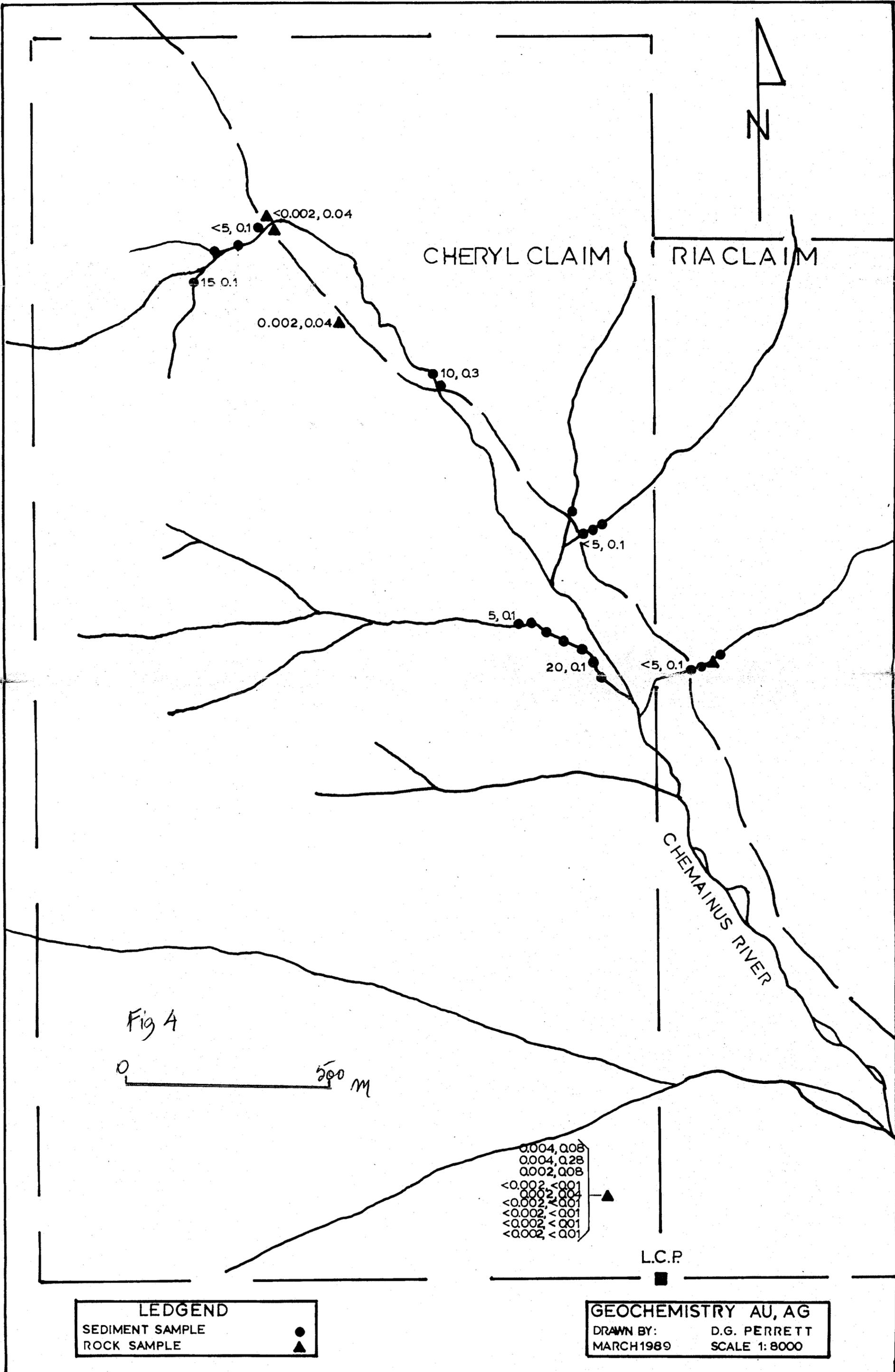
Fig 3



LEDGEND
 SEDIMENT SAMPLE ●
 ROCK SAMPLE ▲

Traverse Road - - - - -
 Outcrop OC1: - - - - -
 Chert // // // //

SAMPLE LOCATION MAP
 DRAWN BY: D.G. PERRETT
 MARCH 1989 SCALE 1: 8000



LEDGEND
 SEDIMENT SAMPLE ●
 ROCK SAMPLE ▲

GEOCHEMISTRY AU, AG
 DRAWN BY: D.G. PERRETT
 MARCH 1989 SCALE 1: 8000

REFERENCES

PUBLISHED:

Muller, J.E., 1977. Geology of Vancouver Island. Geological Survey of Canada, open file 463.

Muller, J.E., 1980. The Paleozoic Sicker Group of Vancouver Island, British Columbia. Geological Survey of Canada, paper 79-30.

ASSESSMENT:

Clark A.M.S., 1984. Assessment Report, 1984 field work: Mt. Whymper Project (Imperial Metals Corporation). B.C. Assessment report files number 13,333.

Clark A.M.S., 1985. Assessment report, 1985 field work: Mt. Whymper Project (Imperial Metals Corporation). B.C. Assessment report files number 14,792.

ASSAY REPORTS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: TRIPLE P PROSPECTING

325 PEMBINA ST.
NEW WESTMINSTER, BC
V3M 5J5

A8827182

Comments:

CERTIFICATE A8827182

TRIPLE P PROSPECTING

PROJECT : SPEARS

P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 17-NOV-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	5	Dry, sieve -80 mesh; soil, sed.
203	2	Dry, sieve -35 mesh and ring

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	7	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
6	7	Ag ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	0.2	200



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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 954-0221

To: TRIPLE P PROSPECTING

**

325 PEMBINA ST.
NEW WESTMINSTER, BC
V3M 5J5

*** INVOICE NUMBER 18827182 ***

BILLING INFORMATION

Date : 17-NOV-88
Project : SPEARS
P.O. # : NONE
Account : GVO

Comments:

Billing : For analysis performed on
Certificate A8827182

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J-2C1

We are pleased to announce that
CHEMEX now accepts payment by
** VISA **

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
100 -	Au ppb FA+AA			
6 -	Ag ppm Aqua R	7	9.75	68.25
Sample preparation and other charges :				
201 -	Soil + sediment -80 mesh	5	1.00	5.00
203 -	-35 mesh sieve + ring	2	3.00	6.00
Total Cost \$				79.25
TOTAL PAYABLE \$				79.25



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BRITISH COLUMBIA, CANADA V7J-2C1
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325 PEMBINA ST.
NEW WESTMINSTER, BC
V3M 5J5

Project: SPEARS
Comments:

**Page No. : 1
Tot. Pages: 1
Date : 17-NOV-88
Invoice # : I-8827182
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827182

SAMPLE DESCRIPTION	PREP CODE		Am ppb	Ag ppm								
			FA+AA	Aqua R								
SPSS 001	201	---	< 5	0.1								
SPSS 005	201	---	< 5	0.1								
SPSS 011	203	---	< 5	0.1								
SPSS 013	201	---	10	0.3								
SPSS 027	203	---	15	0.1								
SPSS 028	201	---	5	0.1								
SPSS 033	201	---	20	0.1								

CERTIFICATION : Jan Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: TRIPLE P PROSPECTING

325 PEMBINA ST.
NEW WESTMINSTER, BC
V3M 5J5

A8827181

Comments:

CERTIFICATE A8827181

TRIPLE P PROSPECTING

PROJECT : SPEARS

P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-NOV-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	11	Assay: Crush,split,pulv -150

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
396	11	Au oz/T: 1/2 assay ton	FA-GRAVIMETRIC	0.003	20.000
383	11	Ag oz/T	FA-GRAVIMETRIC	0.01	20.00



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Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: TRIPLE P PROSPECTING

**

325 PEMBINA ST.
NEW WESTMINSTER, BC
V3M 5J5

*** INVOICE NUMBER 18827181 ***

BILLING INFORMATION

Date : 15-NOV-88
Project : SPEARS
P.O. # : NONE
Account : GVO

Comments:

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Certificate A8827181

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212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J-2C1

We are pleased to announce that
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** VISA **

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
396 -	Au FA oz/T			
383 -	Ag FA oz/T	11	13.00	143.00
Sample preparation and other charges :				
207 -	Assay - PULVERIZE	11	5.00	55.00
Total Cost \$				198.00
TOTAL PAYABLE \$				198.00



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Project: SPEARS

Comments:

**Page No. : 1
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Date : 15-NOV-88
Invoice #: I-8827181
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8827181

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T								
SPRS 010	207 ---	0.002	0.04								
SPRS 012	207 ---	< 0.002	0.04								
SPRS 014	207 ---	0.004	0.08								
SPRS 015	207 ---	0.004	0.28								
SPRS 016	207 ---	0.002	0.08								
SPRS 017	207 ---	< 0.002	< 0.01								
SPRS 018	207 ---	0.002	0.04								
SPRS 019	207 ---	< 0.002	< 0.01								
SPRS 020	207 ---	< 0.002	< 0.01								
SPRS 021	207 ---	< 0.002	< 0.01								
SPRS 022	207 ---	< 0.002	< 0.01								

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :

W. Blomquist

FIELD OBSERVATIONS

<u>SAMPLE #</u>	<u>NOTES</u>
SS001	Silt sample, minor magnetite present.
SS002	Silt sample, minor magnetite present.
RS003	Rock sample, argillite.
SS004	Silt sample, trace magnetite.
SS005	Silt sample, minor magnetite. 5% organics present.
SS006	Silt sample, minor magnetite. 10% organics present.
SS007	Silt sample, trace magnetite, vuggy chloritically altered quartz float present in creek.
SS008	Silt sample, minor magnetite.
SS009	Silt sample, minor magnetite and quartz grains present.
RS010	One meter chip sample of siliceously altered basalt, containing vuggy quartz veinlets and minor pyrite.
SS011	Silt sample, minor magnetite present.
RS012	Rock sample, siliceously altered basalt with quartz and clay veinlets.
S013	Soil sample of deep red earth B horizon.
RS014	Quartz vein with 3-5% pyrite and trace chalcopyrite.
RS015	Rock sample, highly silicified chert with 5-10% pyrite and 3-5% chalcopyrite.
RS016	One meter chip sample of silicified chert with 3-5% pyrite and trace chalcopyrite.
RS017	Chert with trace pyrite
RS018	0.6 meter chip sample across shear-zone in chert.
RS019	0.3 meter chip sample across shear-zone in turbidite.

FIELD OBSERVATIONS

<u>SAMPLE #</u>	<u>Notes</u>
RS020	Missing
RS021	Rock sample, turbidite with minor pyrite.
RS023	Rock sample, chert with minor pyrite
RS024	Rock sample, pyrrhotite rich, highly altered float.
SS025	Silt sample, trace magnetite.
SS026	Silt sample, minor pyrite 5% organics present.
SS027	Silt sample, minor pyrite, diorite float present.
SS028	Silt sample, trace magnetite, pyrite rich quartz veinlets in float with trace malachite present.
SS029	Silt sample, minor magnetite.
SS030	Silt sample, trace magnetite with 5% organics present.
SS031	Silt sample, 5% magnetite with 5-10% organics present.
SS032	Silt sample, minor magnetite 5-10 organics present.
SS033	Silt sample, 5% magnetite with 5% organics present.
SS034	Silt sample, 5-10% magnetite with 10% organics present.

LIST OF OUTCROPS

<u>OUTCROPS</u>	<u>NOTES</u>
OC1	One meter by five meter outcrop of argillite in creek at site of sample RS003.
OC2	Small quarry on west side of road at site of RS010. Outcrop is siliceously altered basalt with vuggy quartz veinlets.
OC3	5 meter long outcrop along north side of Chemanius river at sample site RS012. Outcrop comprised of siliceously alt basalt with quartz and clay veinlets.
OC4	20 meter long outcrop 2-4 meters in height exposed in a road cut. Outcrop OC4 is comprised of chert and turbidite in bands up to 1 meter thick. These bands are then cut by a quartz vein 1.5 meters in length and up to 0.3 meters in thickness. Pyrite and chalcoppyrite mineralization increases proximal to the quartz vein but the vein itself appears to contain less mineralization than the wall-rock. Numerous small shear-zones are present all of which exhibit limonitic staining. Outcrop OC4 is the site of samples RS014-RS023 inclusive.
OC5	Outcrop OC5 extends approximately 10 meters on either side of sample site SS025 and is a feldspar porphyry basalt with minor pyrite along fractures.

LIST OF OUTCROPS

OUTCROPS

NOTES

- OC6 Outcrop OC6 extends approximately 50 meters from sample site SS028 to sample site SS029 and is comprised of diorite cut by quartz veinlets both of which have then been bisected by a fine grained brown intrusive.
- OC7 Outcrop OC7 is a 5 square meter outcrop of siliceously altered basalt containing finely disseminated pyrite located at the site of sample SS030.

STATEMENT OF COSTS

Prospector	11 days @ \$155/day	\$1,750.00
Assistant	3 days @ \$120/day	\$360.00
Food and Accommodation	14 days @ \$45/day	\$630.00
Transportation		\$262.34
Road Use Fee	Six Months	\$250.00
Analytical Costs	Chemex Labs	\$277.25
Report Preparation	4 days @ \$155/day	\$620.00
<u>Project Total</u>		<u>\$4,149.59</u>

CERTIFICATE

I Daniel Graham Perrett Prospector, residing at 325 Pembina Street in the city of New Westminster, Province of British Columbia, hereby certify that

- 1: I received a certificate of achievement from Malaspina College for successfully completing their Mineral Exploration for Prospectors course in May of 1987.
- 2: I attended the British Columbia and Yukon Chamber of Mines Prospecting and Mining School in 1986.
- 3: I am the sole proprietor of Triple P Prospecting.
- 4: The work in this report has been performed by my-self and/or under my direct supervision.

Dated this 17th day of March 1989.

Daniel G. Perrett

Daniel G. Perrett Prospector