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SUB-RECORDER RECEIVED	
SEP 17 1990	
M.R. # .....	\$ .....
VANCOUVER, B.C.	

LOG NO: Feb 13/91	RD.
ACTION: Date received back from amendment	
FILE NO:	

ASSESSMENT REPORT  
ON  
ADRIAN RESOURCES LTD.'S  
AND  
THIOS RESOURCES INC.'S  
RUBY SILVER PROJECT

SKEENA MINING DIVISION  
STEWART AREA, B.C.

LATITUDE 56°5'N  
LONGITUDE 129°53'W

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,308**

J. Chapman, F.G.A.C.

September 14, 1990

**OREQUEST**



## SUMMARY

An exploration program was initiated on the Ruby Silver group of claims on June 11, 1990. This work was carried out by OreQuest Consultants Ltd. at the request of Adrian Resources Ltd.

A program of geological mapping, rock, soil, silt and heavy concentrate sampling, linecutting and geophysical surveying was planned for the property. Work detailed on in this report consists of preliminary geological mapping, rock and soil sampling completed by June 19, 1990.

The property is underlain by rocks of the Upper and Lower Unuk River Formation which are comprised predominantly of andesitic to dacitic tuffs, and interbedded argillite and siltstone respectively. A value of 570 ppb gold from a soil sample is the best result received to date.

TABLE OF CONTENTS

	Page
Summary	/
Introduction	1 /
Location and Access	1
Property Status	1 /
History	2 /
Regional Geology and Mineralization	4 /
Property Geology and Mineralization	5 /
Statement of Costs	✓
Statement of Qualifications	✓
J. Chapman, F.G.A.C.	
Bibliography	✓

LIST OF FIGURES

Figure 1	Location Map	Following Page 1 /
Figure 2	Claim Map	Following Page 2 /
Figure 3	Regional Geology	Following Page 4 /
Figure 4	Property Geology, Sample Locations and Results	In Pocket /

LIST OF APPENDICES

Appendix A	Assay Reports ✓
Appendix B	Rock Sample Descriptions ✓

## INTRODUCTION

The Ruby Silver group of claims, which is the subject of a joint venture between Thios Resources Inc. and Adrian Resources Ltd. is located in the Stewart Complex which historically has been a proven producer of gold, silver, lead, zinc, copper and molybdenum. The report covers exploration carried out on the property from June 11, 1990 up to and including June 19, 1990 which is the anniversary date of the RS claim. The exploration program continued beyond this date and that work will be presented in a later report. The Ruby Silver claim group is composed of the Stirling, Star, Ruby, Pershing, Pershing #1 and RS claims. The property is located 21 km north of Stewart, British Columbia.

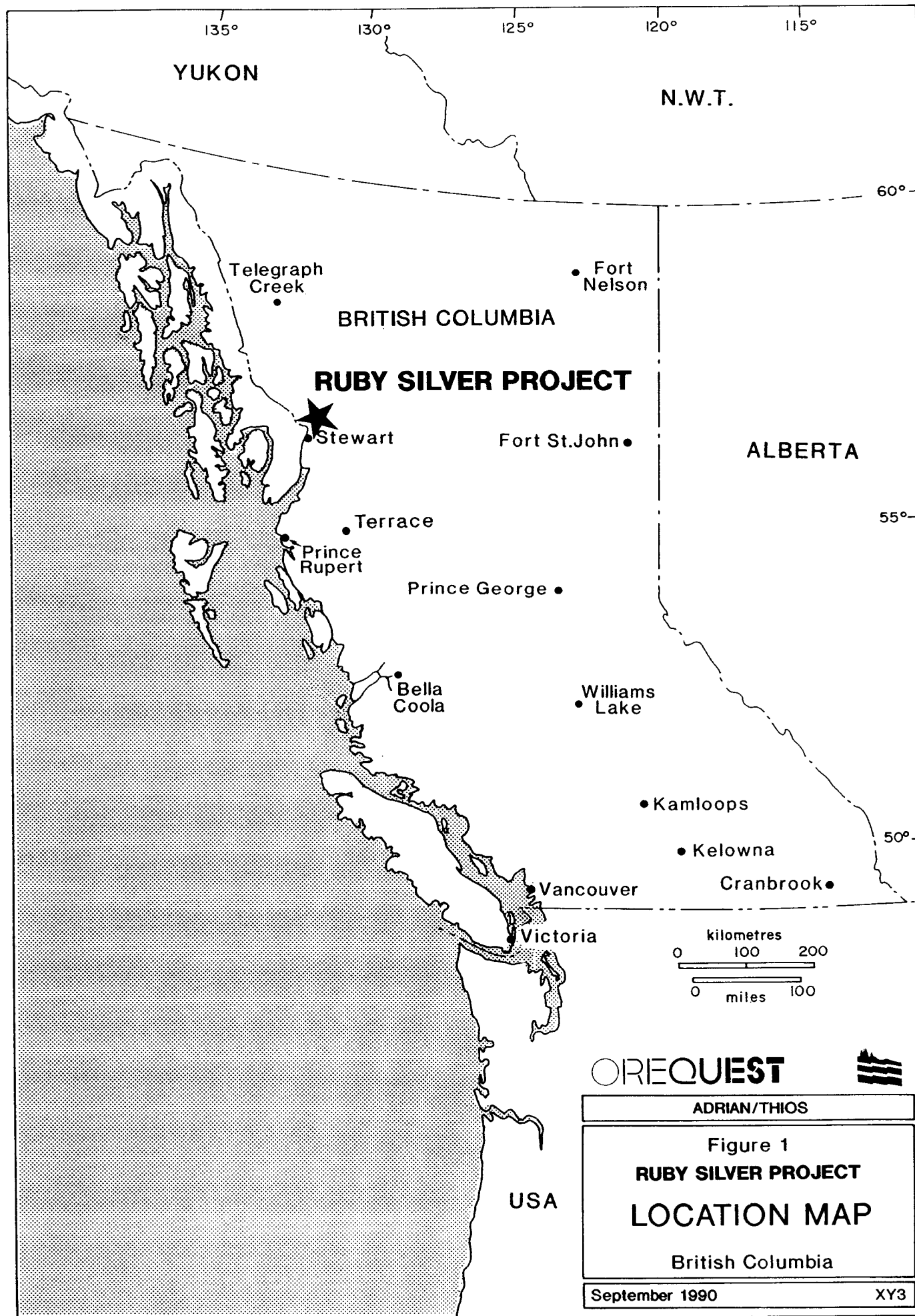
## LOCATION AND ACCESS


The property is located 21 km north of Stewart, B.C. on Le Sueur Creek (Mosquito Creek), at Latitude  $56^{\circ}05'N$  and Longitude  $129^{\circ}53'W$ . The claims are found on NTS Sheet 104A/4W (Figure 1).

Access is via Highway 37A to Le Sueur Creek where a rehabilitated old mine road leads to within walking distance of the Ruby Silver adit on the north side of Le Sueur Creek.

## PROPERTY STATUS

The property consists of the following 5 Reverted Crown Grants and one modified grid system claim which are located in the Skeena Mining Division:



**OREQUEST** 

ADRIAN/THIOS

Figure 1  
**RUBY SILVER PROJECT**  
**LOCATION MAP**  
 British Columbia

September 1990 XY3

TABLE 1: CLAIM STATUS

Name	Lot No.	Hectares	Record No.	Due Date
Stirling	4766	18.02	4350	1 March, 1987
Star	4765	13.05	4349	1 March, 1987
Ruby	4764	20.52	4348	1 March, 1987
Pershing #1	4763	20.90	4347	1 March, 1987
Pershing	4762	20.90	4346	1 March, 1987
RS	4866	500 (20 units)	4866	19 June, 1987

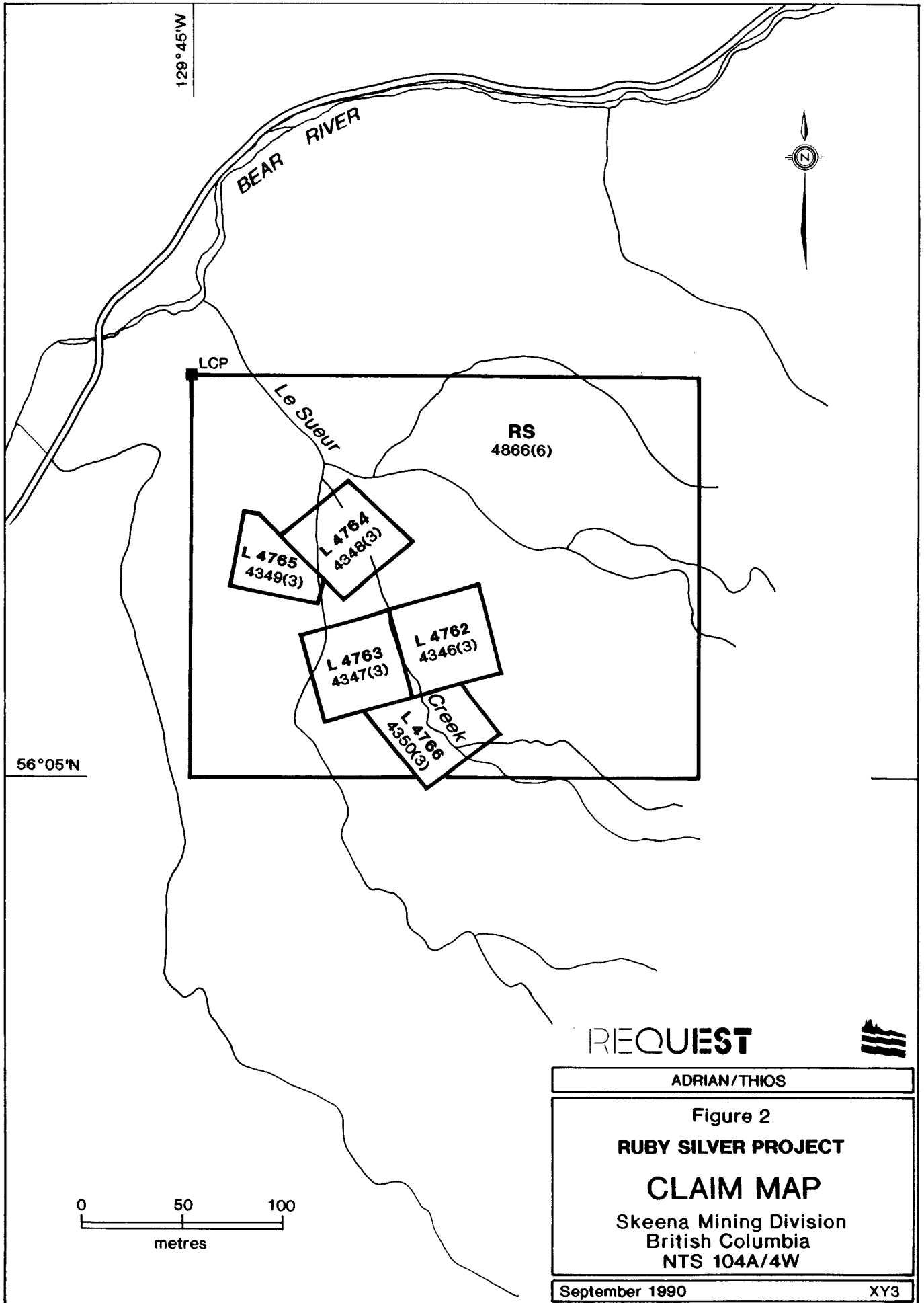
Figure 2 shows a claim map with recently updated roads, etc.

#### HISTORY

The Ruby Silver group of claims is located in the Stewart Complex which historically has been proven as a very significant producer of gold, silver, lead, zinc, copper, and molybdenum. The Silbak Premier mine, which is located 7 miles southwest of the Ruby Silver group, has been a major gold producer in B.C., with reported production figures of 4,714,270 tons of ore containing close to 2,000,000 ounces of gold (Grove, 1971). In terms of vein systems, the Premier ranks third in gold production in B.C.

The first mention of the Ruby Silver group is in the 1920 Minister of Mines Annual Report. The showings had been located at an earlier date and, by 1920, 27 m of drifting and two crosscuts had been developed.

By 1929, the Ruby Silver property had been acquired by Ruby Silver Copper Mines Limited. A report by P.E. Peterson, P.Eng., dated



**REQUEST**

ADRIAN/THIOS

Figure 2

**RUBY SILVER PROJECT**

**CLAIM MAP**

Skeena Mining Division  
British Columbia  
NTS 104A/4W

September 1990

XY3

September 16, 1929 states that the company owned 5 Crown Grants and 12 mining claims; also that 3 major adits had been driven in addition to numerous open cuts and short adits. Tunnel No. 1., located on the south side of Mosquito Creek, had been driven 25 feet (9.5 m) plus, and a shaft sunk at its face. The tunnel was driven into a four foot (1.2 m) wide mineralized zone contained within a vein 50 feet (15.25 m) wide. A grab sample of this material, assayed by G.H. Sheppard, Provincial Assayer of Stewart, ran 0.02 oz/ton gold, 3.0 oz/ton silver and 9.3% copper. Tunnel No. 2 was driven into the same structure 300 feet (91.5 m) west of Tunnel No. 1. Tunnel No. 3 is reported, by Peterson, to be located 1,500 feet (457 m) west of Tunnel No. 1 and had been driven 190 feet (58 m) on a 3 foot (0.91 m) quartz "vein" which pinched out at the face. This tunnel was being driven to tap the structure explored by Tunnel No. 1 and No. 2.

Peterson (1929) reports vein mineralization ranging from .02 to .32 oz/ton gold, 0.45 to 3.36 oz/ton silver and trace to 9.3% copper over widths of 1-6 feet (0.30 m - 1.83 m).

Local newspaper clippings from 1928 and 1929 report the discovery of the copper, gold and silver showings and give assay results of \$28-\$45 per ton at old prices. It was also reported that native copper was found as well as smaller "veins" containing gold, silver, lead and zinc values up to \$125 per ton. With the onset of the depression, the property became idle and has since been held by different prospectors over the years with no significant work being reported. Thios Resources Inc. acquired the property from D.J. Brownlee in 1986.

## REGIONAL GEOLOGY AND MINERALIZATION

The Ruby Silver group of claims is underlain by Mesozoic sedimentary and volcanic rocks at the contact between plutonic rocks of the Coast crystalline Complex and the west-central portion of the Bowser Basin (Figure 3).

Green massive volcanic conglomerate, sandstone, minor breccia and siltstone of the Lower to Middle Jurassic Hazelton Group are the predominant rock types on the property. Overlying this succession is the Bowser Group of Middle to Upper Jurassic age. This is a marine assemblage of siltstone, greywacke, argillite, minor chert pebble conglomerate and minor limestone.

The Glacier Creek pluton of the Coast Crystalline Complex is of Tertiary age and intrudes both the Hazelton and Bowser groups immediately north of the claim group. The Glacier Creek pluton is an augite diorite and is associated with late stage diorite, hornblende diorite (lamprophyre) and granodiorite dykes. These dykes are invariably associated with faults and shear zones up to 50 feet wide, that have associated gold and silver vein mineralization.

The Hazelton and Bowser groups have been folded and deformed to varying degrees with extreme cataclasis developed in the Big Missouri-Silbak Premier Camp 11 km to the west (Grove, 1971).

Reported mineralization in the area consists of pyrite and chalcopyrite, galena and sphalerite with accessory gold and silver. Native gold, silver and electrum are locally important in the host quartz breccia veins and transitional vein-replacement systems, both




# REGIONAL GEOLOGY LEGEND

## SEDIMENTARY AND VOLCANIC ROCKS

### QUATERNARY

#### RECENT


-  20 Unconsolidated deposits; river floodplain, estuarine, river channel and terraces, alluvial fans, deltas and beaches, outwash, glacial lake sediments, till, peat, landslides, volcanic ash, hot spring deposits

### JURASSIC

#### Hazelton Group

#### MIDDLE JURASSIC

#### Salmon River Formation


-  16 Siltstone, greywacke, sandstone, some calcarenite, minor limestone, argillite, conglomerate, littoral deposits

#### Betty Creek Formation

-  13 Green, red, purple, and black volcanic breccia, conglomerate, sandstone, and siltstone (a); crystal and lithic tuff (b); siltstone (c); minor chert and limestone (includes some lava (+14) (d)


#### LOWER JURASSIC

#### Unuk River Formation

-  12 Green, red, and purple volcanic breccia, conglomerate, sandstone, and siltstone (a); crystal and lithic tuff (b); sandstone (c); conglomerate (d); limestone (e); chert (f); minor coal (g)

## PLUTONIC ROCKS


### EOCENE (STOCKS, ETC.) AND OLDER

-  8 Quartz diorite (a); granodiorite (b); monzonite (c); quartz monzonite (d); augite diorite (e); feldspar porphyry (f)

-  7 COAST PLUTONIC COMPLEX: granodiorite (a); quartz diorite (b); quartz monzonite, some granite (c); migmatite - agmatite (d)

### JURASSIC

#### MIDDLE JURASSIC AND YOUNGER ?



-  6 Granodiorite (a); diorite (b); syenodiorite (c); monzonite (d); alaskite (e)

## METAMORPHIC ROCKS

### JURASSIC

-  2 Hornfels (a); phyllite, semi-schist, schist (b); gneiss (c); cataclasite, mylonite (d); tactite (e)

## SYMBOLS

-  Fault (defined, approximate)  
 Geological contact (defined, approximate)

of which contain irregular lenses of high grade sulphide mineralization (Brownlee and Sawiuk, 1985).

The associated alteration assemblages consist of silicification, carbonatization and pyritization, along with minor propylitization and potassic alteration.

#### PROPERTY GEOLOGY AND MINERALIZATION

Initial investigation of the claim group while rock and soil sampling indicates that the property is underlain by interbedded argillites and siltstones of the Lower Unuk River Formation, which are locally overlain by andesitic to dacitic volcanoclastics of the Upper Unuk River Formation.

The argillites are foliated, generally medium to dark grey and are locally quite graphitic in sheared areas. Siltstones are fine to medium grained and grey green in colour depending upon the degree of chloritization.

Overlying the sediments are andesitic to dacitic fine to very fine grained tuffs. These vary in colour from grey brown to grey green and are predominantly ash and crystal tuffs with minor lapilli tuffs.

The main structural feature noted is a strong north-northeast trending fault across the western portion of the property. No obvious offsets have been observed to date.

Two adits have been located on the property, both of which were driven on quartz carbonate veins containing blebs and disseminations of pyrite and chalcopyrite locally up to 10%. Malachite and azurite stain is apparent on these veins. No significant gold values have been received from any of these sampled to date.

A contour soil sampling line was established at the 1200 ft contour centred on the ruins of an old cabin. Samples were collected at 50 m intervals for 1500 m south and 350 m north of this point. Sample L1/12+50S returned a value of 570 ppb gold, with the next sample returning 30 ppb gold, all other samples on this line returned background levels. Additional sampling is planned for this area.

Where possible samples were collected from the B horizon, using a mattock, and stored in kraft sample bags. The average depth to the B soil horizon was from 15 to 30 cm.

During the course of the program a total of 23 rock samples were collected. Results for these samples along with the soil samples are shown on Figure 4. No significant values were encountered. The rock samples were predominantly grabs however 31 chip samples up to 2.5 m were also collected.

ADRIAN/THIOS - COST STATEMENT

RUBY SILVER PROJECT

Labour	Period	Rate	Cost
M. VanWermeskerken	June 11-19/90	\$360/day	\$3,240
J. Perry	June 11-19/90	\$270/day	\$2,430
<b>Geochemical Sampling</b>			
Rocks	10 @ \$20/sample		\$ 200
Soils	26 @ \$18/sample		\$ 468
<b>Support Costs</b>			
18 man days @ \$65/manday			<u>\$1,170</u>
TOTAL			\$7,508

## STATEMENT OF QUALIFICATIONS

I, Jim Chapman, of 580 West 17th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a B.Sc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of #306-595 Howe Street, Vancouver, British Columbia, V6C 2T5.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
5. I am a Fellow of the Geological Association of Canada.
6. The information contained in this report was obtained from a review of data listed in the bibliography and knowledge of the area.
7. I have no interest, direct or indirect or in the securities of Adrian Resources Ltd. or Thios Resources Inc.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

Jim Chapman  
Consulting Geologist, F.G.A.C.

DATED at Vancouver, British Columbia the 14th day of September, 1990.

## BIBLIOGRAPHY

BALDYS, C. et al

1986: Geological Evaluation of the Kitsault, Stewart and Stikine Areas of B.C. with emphasis on Economic Mineral Potential.

BROWNLEE, D., SAWIUK, M.

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FALCONER, J.S.

1986: Preliminary Evaluation of the Ruby Silver Claim Group for Thios Resources Inc.

GROVE, E.W.

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1986: Geology and Mineral Deposits of the Unuk-Salmon River-Anyox Area, EMPR Bulletin 63.

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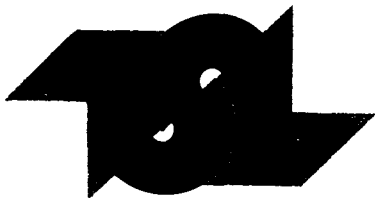
MINISTRY OF MINES

: Annual Reports: 1920, 1925.

PETERSON, P.E.

1929: Report on the Ruby Silver Copper Mines Ltd.

APPENDIX A  
ASSAY REPORTS



# T S L LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

OreQuest Consultants Ltd.  
306 - 595 Howe Street  
Vancouver, B.C.  
V6C 2T5

Jan. 9/90

1 - SAMPLE PREPARATION PROCEDURES  
Rock and Core

- Entire sample is crushed, riffled and the subsequent split is pulverized to -150 mesh.

Soils and Silts

- Sample is dried and sieved to -80 mesh.

2 - FIRE ASSAY PROCEDURES

Geochem Gold (Au ppb) -

A 30g subsample is fused, cupelled and the subsequent dore' bead is dissolved in aqua rega. The solution is then analyzed on the Atomic Absorption.

Assay Gold (Au oz/ton) -

A 29.16g subsample is fused, cupelled and the subsequent dore' bead is parted with a dilute nitric acid solution. The gold obtained is rinsed with DI water, annealed and weighed on a microbalance.

3 - Geochem Silver (Ag ppm) -

A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H2O. The solutions are then run on the Atomic Absorption.

Assay Silver (Ag oz/ton) -

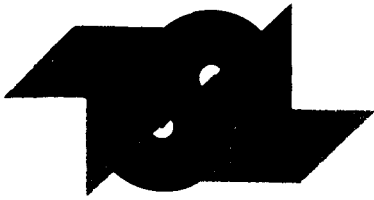
A 2.00g sample is digested with 15mls HCl plus 5mls HNO3 for 1 hour in a covered beaker; diluted to 100mls with 1:1 HCl. The solution is run on the Atomic Absorption.

4 - BASE METALS

Geochem - A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H2O. The solutions are then run on the Atomic Absorption.

Assay - A 0.500g sample is taken to dryness with 15mls HCl plus 5mls HNO3, then redissolved with 5mls HNO3 and diluted to 100mls with DI H2O. The solution is run on the Atomic Absorption.

con't...



# T S L LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET,  
SASKATOON, SASKATCHEWAN

S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Page 2.

5. ICAP Geochemical Analysis -

A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H<sub>2</sub>O. The solutions are then run on the ICAP.

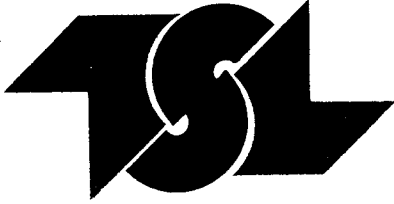
6. Heavy Mineral Concentrates -

The sample is initially wet sieved through -1700 micron, then placed on a shaker table. A heavy liquid separation is performed, Methylene Iodide, (S.G. - 3.3); diluted to give a S.G. of 2.96. The heavies were then analyzed for Au by Fire Assay plus an ICAP Scan.

Yours truly,

Bernie Dunn

BD/vh



# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.  
10th Floor, Box 10-808 West Hastings St.  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S9037

SAMPLE(S) OF Rock

INVOICE #: 14068  
P.O.: R-1939

Marco V.  
Project: Ruby Silver

	Au ppb
39001	<5
39002	<5
39003	<5
39004	<5
39005	<5
39006	<5
39007	<5
39008	<5
39009	10
39010	10
39011	10
39012	10
39013	10
39014	10
39015	10
39016	<5
39017	5
39018	<5
39019	<5
39020	<5



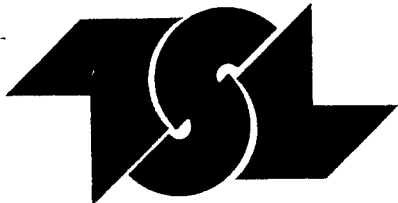
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INVOICE TO: OreQuest Consultants-Vancouver

Jun 28/90

SIGNED

*Bernie Dunn*





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2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
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## CERTIFICATE OF ANALYSIS

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10th Floor, Box 10-808 West Hastings St.  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S9037

SAMPLE(S) OF Rock

INVOICE #: 14068  
P.O.: R-1939

Marco V.  
Project: Ruby Silver

	Au ppb
39021	<5
39022	<5
39023	<5
39024	30
RS-T-1	5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants-Vancouver

Jun 28/90

SIGNED Bernie Dunn





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S7K 6A4

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## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S9071

SAMPLE(S) OF Soils

INVOICE #: 14129  
P.O.: R-1940

Marco V.  
Project: Ruby Silver

	Au ppb
RS-ST-1 (Silt)	10
L1-0+00S	10
L1-0+50S	<5
L1-1+00S	<5
L1-1+50S	<5
L1-2+00S	15
L1-2+50S	5
L1-3+00S	<5
L1-3+50S	30
L1-4+00S	<5
L1-5+00S	10
L1-5+50S	<5
L1-6+00S	Not Rec'd
L1-6+50S	10
L1-7+00S	<5
L1-8+00S	<5
L1-8+50S	<5
L1-9+00S	<5
L1-9+50S	<5
L1-10+00S	<5

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INVOICE TO: OreQuest Consultants-Vancouver

Jul 05/90

SIGNED *Dennis Pilipich*





# TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.  
10th Floor-Box 10, 808 West Hastings  
Vancouver, B.C.  
V6C 2X6

REPORT No.  
S9071

SAMPLE(S) OF Soils

INVOICE #: 14129  
P.O.: R-1940

Marco V.  
Project: Ruby Silver

	Au ppb
L1-10+50S	<5
L1-11+00S	<5
L1-11+50S	<5
L1-12+00S	<5
L1-12+50S	570
L1-13+00S	20
L1-13+50S	<5
L1-14+00S	<5
L1-14+50S	<5
L1-15+00S	5
L1-0+50N	5
L1-1+00N	<5
L1-1+50N	5
L1-2+00N	<5
L1-2+50N	15
L1-3+00N	15
L1-3+50N	<5

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Jul 05/90

SIGNED Dennis Pilipich



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9037 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14144

ELEMENT	PROJECT: RUBY SILVER R-1939 ALL RESULTS PPM									
	39001	39002	39003	39004	39005	39006	39007	39008	39009	39010
Aluminum [Al]	7300	10000	21000	14000	5300	7900	26000	17000	3700	12000
Iron [Fe]	31000	17000	34000	25000	16000	18000	32000	26000	13000	26000
Calcium [Ca]	1100	9300	3500	18000	17000	99000	28000	4300	78000	14000
Magnesium [Mg]	2500	4200	6500	5100	3200	3300	6900	5700	1900	4800
Sodium [Na]	150	130	210	180	140	60	60	190	80	60
Potassium [K]	880	850	310	720	1100	480	660	850	720	930
Titanium [Ti]	16	14	870	59	25	4	22	19	< 1	11
Manganese [Mn]	560	800	780	560	650	2700	1000	440	1500	540
Phosphorus [P]	600	440	840	780	590	230	710	840	350	810
Barium [Ba]	60	49	38	32	24	59	26	21	16	25
Chromium [Cr]	31	48	29	32	27	18	120	52	18	27
Zirconium [Zr]	< 1	< 1	4	2	< 1	< 1	4	3	< 1	2
Copper [Cu]	60	56	36	39	29	25	70	43	38	48
Nickel [Ni]	26	21	11	13	16	33	74	18	17	26
Lead [Pb]	10	2	2	1	2	< 1	< 1	< 1	5	12
Zinc [Zn]	19	25	57	28	5	8	31	29	19	27
Vanadium [V]	17	23	110	60	17	24	84	63	17	41
Strontium [Sr]	7	38	26	72	33	650	98	18	300	48
Cobalt [Co]	8	7	16	8	6	9	15	6	4	13
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	6	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	4	6	6	5	7	4	5	7	5
Scandium [Sc]	2	1	6	4	2	1	8	5	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	60	100	80	50	50	90	90	40	70
Arsenic [As]	15	10	< 5	< 5	10	5	< 5	5	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	20	5	< 5	15	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	15	15	< 5	5	20	15	< 5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-09-1990

SIGNED :

*Dennis Piljush*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
TELEPHONE #: (306) 931 - 1033  
FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2X6

T.S.L. REPORT No. : S - 9037 - 2  
T.S.L. File No. :  
T.S.L. Invoice No. : 14144

ATTN: J. FOSTER

PROJECT: RUBY SILVER

R-1939

ALL RESULTS PPM

ELEMENT	39011	39012	39013	39014	39015	39016	39017	39018	39019	39020
Aluminum [Al]	11000	7500	13000	6300	7600	3900	4200	6800	6300	7700
Iron [Fe]	25000	25000	24000	25000	26000	12000	15000	15000	15000	16000
Calcium [Ca]	6100	22000	26000	21000	6100	98000	45000	10000	5300	3200
Magnesium [Mg]	4500	4000	5100	3300	3500	2200	1900	2900	2800	2600
Sodium [Na]	60	40	60	60	60	100	50	210	200	230
Potassium [K]	1100	980	1100	1000	890	550	980	750	530	840
Titanium [Ti]	11	8	15	5	9	< 1	5	10	10	9
Manganese [Mn]	780	1100	760	730	710	1800	800	460	490	430
Phosphorus [P]	560	510	670	570	630	260	700	640	500	390
Barium [Ba]	30	23	34	34	33	19	25	25	20	17
Chromium [Cr]	21	33	33	18	17	17	19	25	70	25
Zirconium [Zr]	1	1	2	< 1	< 1	1	< 1	< 1	< 1	< 1
Copper [Cu]	260	330	66	67	78	28	22	19	31	37
Nickel [Ni]	47	34	18	32	25	14	15	6	8	4
Lead [Pb]	12	9	7	7	7	3	3	2	2	4
Zinc [Zn]	23	22	43	22	22	11	14	16	15	37
Vanadium [V]	19	17	44	16	18	13	10	18	17	4
Strontium [Sr]	18	58	96	36	18	460	160	54	33	13
Cobalt [Co]	19	21	11	12	13	7	12	5	5	3
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	4	4	< 2	2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	15	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	8	8	6	7	5	8	8	5	7	4
Scandium [Sc]	2	2	4	2	2	1	1	2	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	50	80	50	50	50	70	40	40	60
Arsenic [As]	35	20	15	20	20	15	25	5	5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	20	10	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	10	5	5	< 5	< 5	5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-09-1990

SIGNED :

*Dennis Pilipuk*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9037 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14144

PROJECT: RUBY SILVER

R-1939

ALL RESULTS PPM

ELEMENT	39021	39022	39023	39024	RS-T-1
Aluminum [Al]	21000	10000	4000	1400	1100
Iron [Fe]	31000	17000	7400	74000	74000
Calcium [Ca]	5900	2900	700	89000	89000
Magnesium [Mg]	6300	4200	1900	960	850
Sodium [Na]	150	200	180	50	40
Potassium [K]	510	1100	770	260	210
Titanium [Ti]	35	17	9	< 1	< 1
Manganese [Mn]	540	340	170	990	940
Phosphorus [P]	940	390	210	< 2	< 2
Barium [Ba]	29	47	33	10	8
Chromium [Cr]	51	28	60	36	32
Zirconium [Zr]	3	< 1	< 1	6	6
Copper [Cu]	30	3	3	2900	2700
Nickel [Ni]	14	2	2	12	13
Lead [Pb]	2	< 1	1	< 1	< 1
Zinc [Zn]	240	29	11	31	29
Vanadium [V]	100	22	5	2	3
Strontium [Sr]	18	19	5	150	130
Cobalt [Co]	7	4	2	420	430
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	3	1	17	15
Scandium [Sc]	5	1	< 1	1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	100	60	30	40	30
Arsenic [As]	< 5	< 5	< 5	490	470
Bismuth [Bi]	< 5	< 5	< 5	10	15
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	40	40

DATE : JUL-09-1990

SIGNED :

*Dennis Piljiah*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : 5 - 9071 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14186

ATTN: J. FOSTER

PROJECT: RUBY SILVER

R-1940

ALL RESULTS PPM

ELEMENT	RS-ST-1 (SILT)	L1-0+005	L1-0+505	L1-1+005	L1-1+505	L1-2+005	L1-2+505	L1-3+005	L1-3+505	L1-4+005
Al	8400	8000	8100	17000	1900	18000	15000	13000	2300	4200
Fe	26000	25000	28000	46000	3900	53000	41000	32000	4400	15000
Ca	20000	25000	1300	1000	1700	220	160	200	1000	580
Mg	6300	5800	1100	2600	660	1300	2000	2000	630	940
Na	1300	80	40	40	70	20	40	40	90	60
K	450	630	400	380	330	310	390	420	420	370
Ti	26	47	160	180	38	130	130	180	55	66
Mn	750	1200	210	720	74	130	330	1400	88	110
P	750	840	550	650	400	210	410	540	460	250
Ba	62	120	33	40	38	17	43	47	42	19
Cr	17	91	23	44	7	32	30	36	5	41
Zr	1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1
Cu	63	75	28	44	34	27	41	29	23	29
Ni	30	48	14	19	5	8	15	16	3	20
Pb	19	2500	140	33	16	14	16	19	9	6
Zn	57	100	51	62	110	39	48	65	87	47
V	43	48	91	92	7	150	100	99	9	91
Sr	420	570	27	9	46	4	3	4	29	15
Co	13	10	3	9	2	4	5	7	1	3
Mo	4	4	2	< 2	< 2	< 2	6	8	< 2	2
Ag	< 1	< 1	< 1	1	< 1	< 1	1	3	< 1	< 1
Cd	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
Se	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
B	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sb	10	40	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Y	7	7	1	2	< 1	1	2	3	< 1	< 1
Sc	3	2	< 1	1	< 1	3	3	1	< 1	< 1
W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nb	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Th	90	70	30	40	< 10	30	40	30	< 10	20
As	45	35	40	40	5	30	45	30	< 5	15
Bi	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Sn	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Li	30	25	< 5	10	< 5	5	5	5	< 5	< 5
Ho	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-11-1990

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN  
TELEPHONE #: (306) 931 - 1033  
FAX #: (306) 242 - 4717

S7K 6A4

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2X6  
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9071 - 2  
T.S.L. File No. :  
T.S.L. Invoice No. : 14186

PROJECT: RUBY SILVER R-1940

ALL RESULTS PPM

ELEMENT	L1-5+00S	L1-5+50S	L1-6+00S	L1-6+50S	L1-7+00S	L1-8+00S	L1-8+50S	L1-9+00S	L1-9+50S	L1-10+00S
Al	17000	4800	33000	16000	6700	2500	4900	19000	6900	12000
Fe	40000	13000	39000	39000	19000	9600	10000	44000	2600	29000
Ca	5600	980	200	100	1400	320	180	1100	160	140
Mg	5300	1500	1600	1000	2500	290	290	3900	340	690
Na	60	40	40	30	150	40	30	40	40	30
K	810	380	310	300	790	300	360	550	380	280
Ti	97	570	61	49	1700	190	110	130	70	720
Mn	2300	140	470	370	170	76	75	3000	130	250
P	1100	330	580	290	560	220	130	980	370	200
Ba	170	27	57	28	130	14	16	77	27	27
Cr	72	27	25	24	60	34	18	76	24	18
Zr	3	< 1	< 1	1	2	< 1	< 1	< 1	< 1	< 1
Cu	120	12	33	42	15	12	15	42	6	22
Ni	59	8	13	19	33	16	10	36	9	8
Pb	27	6	10	10	13	4	4	20	6	21
Zn	100	36	32	23	34	28	24	74	27	71
V	91	84	96	120	99	55	86	81	13	140
Sr	30	11	2	2	24	8	4	9	3	3
Co	21	2	8	8	9	4	5	19	1	4
Mo	4	2	4	6	6	2	2	< 2	< 2	8
Ag	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 1	< 1
Cd	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Be	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
B	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sb	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Y	13	2	3	2	2	< 1	< 1	5	< 1	2
Sc	5	1	4	4	2	< 1	1	< 1	< 1	2
W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nb	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	20
Th	60	40	30	30	30	< 10	< 10	50	< 10	30
As	25	10	10	25	15	15	15	25	< 5	20
Bi	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Sn	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Li	15	< 5	15	< 5	5	< 5	< 5	15	< 5	5
Hf	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-11-1990

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 9071 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14186

ATTN: J. FOSTER

PROJECT: RUBY SILVER

R-1940

ALL RESULTS PPM

LI-10+50S LI-11+00S LI-11+50S LI-12+00S LI-12+50S LI-13+00S LI-13+50S LI-14+00S LI-14+50S LI-15+00S

ELEMENT

ELEMENT	LI-10+50S	LI-11+00S	LI-11+50S	LI-12+00S	LI-12+50S	LI-13+00S	LI-13+50S	LI-14+00S	LI-14+50S	LI-15+00S
Al	13000	37000	19000	42000	12000	14000	28000	10000	15000	16000
Fe	17000	50000	42000	46000	24000	37000	84000	29000	56000	50000
Ca	420	660	8300	420	100	120	200	80	440	240
Mg	560	3600	4500	3900	590	1100	2900	520	2000	1300
Na	70	40	50	50	40	30	20	10	40	30
K	360	270	460	690	260	310	340	250	250	300
Ti	120	84	300	96	69	130	580	55	1600	43
Mn	290	680	1000	1600	94	190	240	120	140	570
P	360	780	810	470	180	440	530	190	250	510
Ba	54	68	67	110	20	23	20	11	45	26
Cr	52	42	86	48	29	65	82	24	49	26
Zr	< 1	2	< 1	15	< 1	< 1	5	< 1	2	3
Cu	25	55	32	57	37	32	57	40	30	97
Ni	23	28	46	36	17	28	23	19	12	22
Pb	12	11	18	58	7	10	19	12	14	13
Zn	56	72	140	82	20	30	33	55	32	32
V	66	57	74	68	110	120	130	70	290	92
Sr	4	4	37	4	2	2	2	1	7	3
Co	20	15	13	25	4	5	6	5	7	10
Mo	< 2	< 2	< 2	< 2	4	< 2	4	2	< 2	8
Ag	< 1	2	2	2	< 1	< 1	< 1	< 1	< 1	1
Cd	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Be	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1
B	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sb	< 5	< 5	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Y	3	6	7	10	1	1	2	2	2	3
Sc	< 1	3	2	8	1	1	2	1	3	5
W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nb	< 10	< 10	< 10	< 10	< 10	< 10	10	< 10	10	< 10
Th	< 10	60	50	60	20	10	60	40	30	30
As	15	30	25	15	15	25	45	20	15	40
Bi	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Sn	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Li	5	20	25	25	< 5	5	10	< 5	5	10
Hg	< 10	< 10	< 10	720	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-11-1990

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 4717

S7K 6A4

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 9071 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14186

ATTN: J. FOSTER

PROJECT: RUBY SILVER

R-1940

ALL RESULTS PPM

ELEMENT	L1-15+50S	L1-0+50N	L1-1+00N	L1-1+50N	L1-2+00N	L1-2+50N	L1-3+00N
Al	18000	22000	26000	14000	20000	15000	< 0.5
Fe	51000	42000	49000	45000	45000	54000	< 0.5
Ca	400	320	200	5800	480	400	< 1
Mg	2800	4100	2600	3000	2200	2800	< 0.5
Na	30	50	50	40	40	30	< 0.5
K	450	630	360	330	410	420	< 0.5
Ti	37	68	28	33	77	36	< 0.05
Mn	1200	1400	510	1600	690	1400	< 0.05
P	640	770	630	530	640	1800	< 0.1
Ba	48	60	44	47	59	48	< 0.05
Cr	27	31	32	26	37	40	< 0.05
Zr	1	4	3	4	2	1	< 0.05
Cu	99	100	59	70	61	91	< 0.05
Ni	32	36	15	28	19	44	< 0.05
Pb	15	19	8	14	25	18	< 0.05
Zn	47	60	41	34	58	71	< 0.05
V	57	56	120	31	73	72	< 0.05
Sr	4	4	4	55	6	5	< 0.05
Co	17	21	7	25	9	14	< 0.05
Mo	12	< 2	6	< 2	2	6	< 0.1
Ag	< 1	1	1	1	1	1	< 0.05
Cd	< 1	< 1	< 1	< 1	< 1	< 1	< 0.05
Be	< 1	< 1	< 1	< 1	< 1	< 1	< 0.05
B	< 10	< 10	< 10	< 10	< 10	< 10	< 0.5
Sb	< 5	< 5	< 5	< 5	< 5	5	< 0.25
Y	7	6	3	5	4	4	< 0.05
Sc	5	3	6	2	3	2	< 0.05
W	< 10	< 10	< 10	< 10	< 10	< 10	< 0.5
Nb	< 10	< 10	< 10	< 10	< 10	< 10	< 0.5
Th	50	60	40	50	40	50	< 0.5
As	40	45	25	55	45	90	< 0.25
Bi	< 5	< 5	< 5	< 5	< 5	< 5	< 0.25
Sn	< 10	< 10	< 10	< 10	< 10	< 10	< 0.5
Li	15	20	25	20	15	10	< 0.25
Hg	< 10	< 10	< 10	< 10	< 10	< 10	< 0.5

DATE : JUL-11-1990

SIGNED :

*Bernie Dann*

APPENDIX B  
ROCK SAMPLE DESCRIPTIONS

RUBY SILVER PROJECT

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39001	15-6-90	860' ON S. CRK.	ARGILLITE 2.0M	MED. GRAY. 010 / 73 W. DARK GREEN. LIMONITIC.		
<del>39002</del>						
39002	15-6-90	950' ON LE SEUR	ARGILLITE 2.0M	DK. GRAY. PALE GREEN GREY SILTST. BEDS. FLTH. 160 / 71 W. 25% QTZ. (VEINS < 15 CM).	TRACE OF VERY FINE GRAINED PYRITE	
39003	15-6-90	1000' JUST WEST OF BASELINE	SILTSTONE 2.0M	MASSIVE. MED. GRAY FEW DK. GRAY ARGILL. BEDS. SHEARED. 15% LEACHED QUARTZ VEINS (< 2 CM). CHLORITIC		
39004	15-6-90	1110' ON NORTH CREEK	SILTSTONE 2.0M	MASSIVE. MED GRAY FEW DK. GRAY ARGILLITE BEDS (FEW CM). MED TO DK. GRAY ON WEATHERED SURFACE. BEDDING 094 / 68 S. 1% QUARTZ (STRINGERS < 0.1 MM). CHLORITIC BLEDDS < 1 mm (2%)	1% PYRITE (INTERSTITIAL AND BLEDDS < 0.5 mm)	
39005	15-6-90	1140' ON NORTH CREEK	ARGILLITE 2.0M	DK. GRAY - DK. GRAY. 150 / 48 SW. 30% QZ VNS (STOCKWORK < 1 mm) QZ-CARB VNS. < 3 cm). LIMONITIC	2% DISSEM. PY. (FINE GRND)	
39006	15-6-90	1115' ON NORTH CREEK	QZ-CARB. 0.3m BRECCIA	ANGULAR ARGILL. CLASTS < 5 mm IN A QUARTZ-CCT MATRIX CHL. ALTN. OF ARGILLITE. LIMONITIC. 160 / 70 W.	1% DISSEM. PY.	
39007	16-6-90	50 m. UPSTREAM FROM CABINS	SANDSTONE 1.0M	MED. GRAY - PALE GREEN. ANGULAR CLASTS < 0.5 mm. LOCAL ZONES OF STRONG CHLORITIZATION. 5% QUARTZ STRINGERS < 3 mm. LIMONITIC		
39008	16-6-90	EL. 370 m. IN LE SEUR CRK	SANDSTONE 2.0M	FINE GRAINED. MASSIVE. CHLORITIC + LIMONITE IN FRACTURES. 5% QUARTZ VEINS (< 1 mm). LEACHED.	1% F-G DISSEM. PY. (LEACHED)	

RUBY SILVER PROJECT

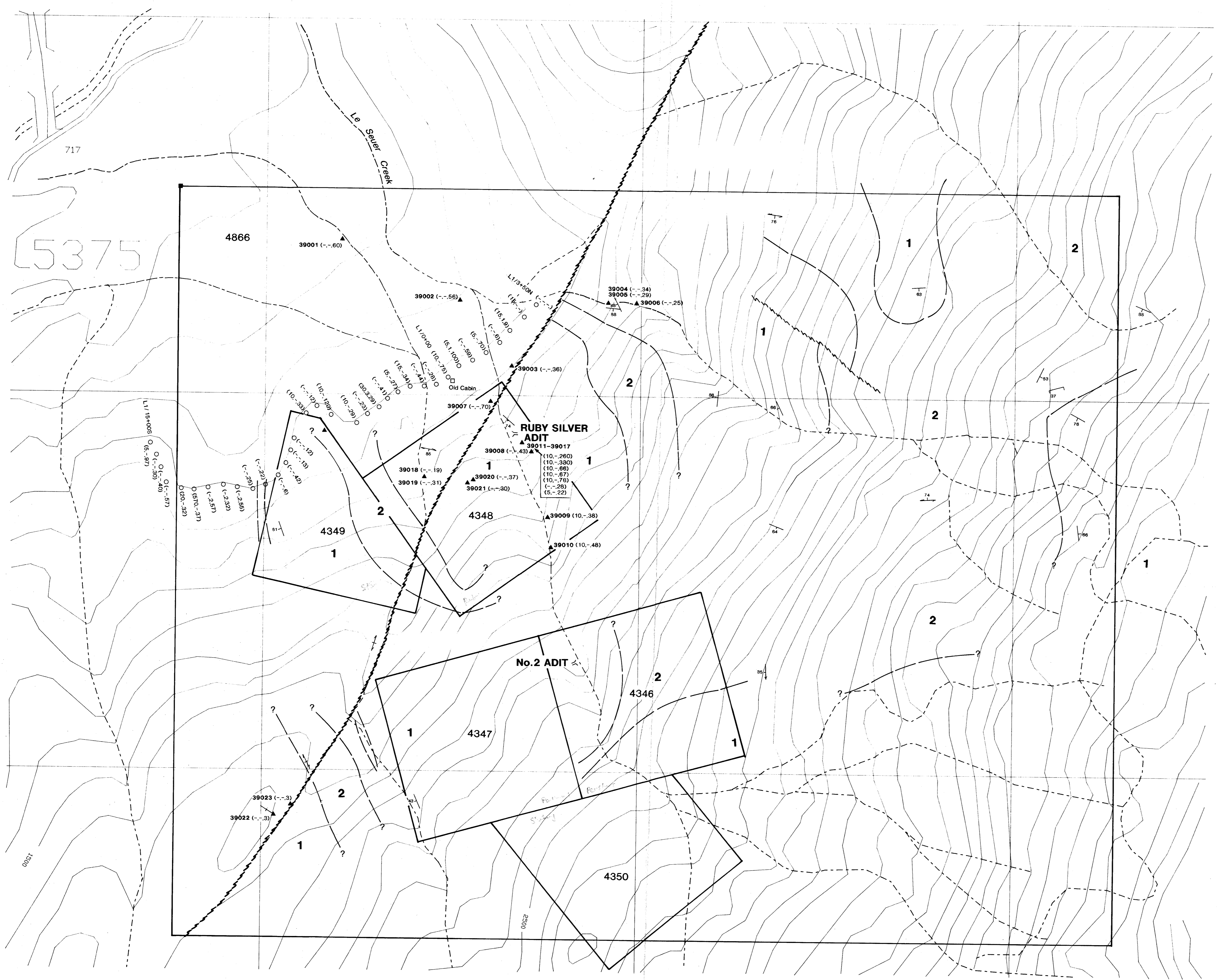
(2)

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39009	16/6/90	EL 425 m IN LE SEVER CREEK	ARGILLITE / SILTSTONE 1.5M	GRAPHITIC AND LIMONITIC. FLYNN: 175/90. CARBONATE + QUARTZ STRINGS < 5 mm. LIMONITIC CALCITE PODS < 10 cm. WIDE BEDDING - 160/90	1% F.F. DISSEM. PY. ALONG FRACTURES	
39010	16/6/90	EL 466 m IN LE SEVER CREEK	FAULT (IN SILTST.) 2.5M	SHEARED: GRAPHITIC + LIMONITIC FAULT TRENDS 166/90. SOME SILICIFICATION OF W.A. G. PYRITE.	3% FINE GRAINED DISSEM. AND BLEBS OF PYRITE IN WALLROCK	
39011	17/6/90	MAIN ADIT	FAULT (ARGILLITE SILTSTONE) 1.4M	TRENDS 152/84 SW. <del>WALLROCK</del> QUARTZ CARBONATE VEINING (10%) GRAPHITIC WALLROCK		
39012	17/6/90	MAIN ADIT	FAULT (ARGILLITE) 1.2M	SAME AS 39011	MALACHITE STAIN.	
39013	17/6/90	MAIN ADIT	" 1.0M	SAME AS 39011		
39014	17/6/90	MAIN ADIT	" 1.0M	" "		
39015	17/6/90	MAIN ADIT	" 1.2M	" "		
39016	17/6/90	MAIN ADIT	" 1.0M	" "	TRACE OF MALACHITE STAIN.	
39017	17/6/90	MAIN ADIT	" 1.1M	" "		
39018	18/6/90	EL. 322 m IN SOUTH CREEK	SANDSTONE GRAB	VERY HARD, MASSIVE. PALE GREEN. 10% QUARTZ STRINGERS < 5 cm (40%) QUARTZ-CARB. VEINS UP TO 30 cm LIMONITIC.		
39019	18/6/90	EL. 322 m IN SOUTH CREEK	SANDSTONE WITH QTZ-CARB. VEINS 1.2M	AS 39018, BUT MORE VEINING. CALCITE PARTLY LEACHED EXPOSING QUARTZ CRYSTALS. LIMONITIC.		
39020	19/6/90	120 S 1400 W	RHYOLITE (FELDSPAR PHYRYRY) GRAB	TRENDS 125/80 S. 4 m WIDE WEAKLY FLOWBANDING PALE GREEN. TAN WEATHERING FELDSPAR PHENOM < 1 mm. (SUBHEDRAL, PINK WEATHRG) 10% QUARTZ (VUGGY STAINES < 3 mm) SILTSTONE WALLROCK (UNALTERED)	1% V.F.G. DISSEM. PY	

RUBY SILVER PROJECT

(3)

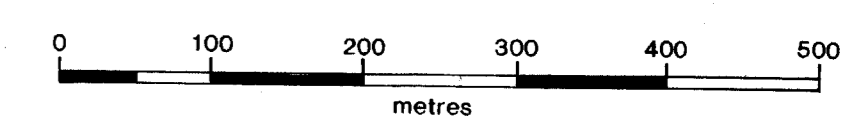
Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39021	19/6/90	1220 S 1400 W ADJ. TO 39020	SILTSTONE. 1.5M	SHEARED (126/75 S) LIMONITIC.	QZ-PY. PODS < 3 cm. WITH UP TO 40% PYRITE PODS.	
39022	19/6/90	1020 S 650 W	RHYOLITE 2.0M	2.0 m WIDE DYKE (FLOWBANDING) THRU SILTSTONE. TRENDS 120/90 SAME AS 39020	1% V.F.G. DISSEM. PY	
39023	19/6/90	1020 S 650 W	QUARTZ BRECCIA	FLAT IN CREEK BED. PALE GREEN CLASTS (40-60%) - VUGGY QUARTZ MATRIX (40-60%).		



- LEGEND**
- 39010 ▲ Rock sample location and number  
(Au ppb, Ag ppm, Cu ppm)
  - L1 ○ Soil sample location and line number  
(Au ppb, Ag ppm, Cu ppm)
  - Geological contact (defined, inferred)
  - Dip and strike of bedding
  - Dip and strike of foliation
  - 2 UPPER UNUK RIVER FORMATION  
Andesitic to dacitic ash and lithic tuffs with lesser crystal tuffs and porphyry
  - 1 LOWER UNUK RIVER FORMATION  
Interbedded fine to medium grained siltstones and argillite

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,308**



**OREQUEST**

ADRIAN/THIOS

Figure 4  
**RUBY SILVER PROJECT**  
PROPERTY GEOLOGY  
SAMPLE LOCATIONS and RESULTS

Skeena Mining Division  
British Columbia  
NTS 104A/4W

September 1990 XY3