

LOG NO:	AUG 14 1992	RD.
ACTION:		
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ASSESSMENT REPORT

SOIL GEOCHEMICAL REPORT ON THE  
SPROUT 89, ORO 1 AND 2 CLAIMS

NTS 92 I/10  
50° 43' NORTH LATITUDE  
120° 43' WEST LONGITUDE

KAMLOOPS MINING DIVISION  
BRITISH COLUMBIA

FOR

C.R.C. EXPLORATIONS LIMITED  
2197 PARK CRESCENT  
COQUITLAM, BRITISH COLUMBIA

BY

PROMIN EXPLORATIONS LIMITED  
2197 PARK CRESCENT  
COQUITLAM, BRITISH COLUMBIA V3J 6T1

<p><b>SUB-RECORDER RECEIVED</b></p> <p>AUG 7 1992</p> <p>M.R. # ..... \$ .....</p> <p>VANCOUVER, B.C.</p>
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**GEOLOGICAL BRANCH. FGAC**  
**ASSESSMENT REPORT**

**22,459**

DATE SUBMITTED: August 4, 1992

TABLE OF CONTENTS

SUMMARY AND CONCLUSIONS . . . . . 1  
INTRODUCTION . . . . . 1  
LOCATION AND ACCESS . . . . . 1  
TOPOGRAPHY AND VEGETATION . . . . . 1  
CLAIMS . . . . . 1  
HISTORY . . . . . 2  
REGIONAL GEOLOGY . . . . . 2  
LOCAL GEOLOGY . . . . . 2  
1990 WORK PROGRAM . . . . . 3  
GRID ESTABLISHMENT . . . . . 3  
SOIL GEOCHEMICAL SURVEY . . . . . 3  
    Soil Geochemical Results - Gold . . . . . 3  
    Soil Geochemical Results - Arsenic . . . . . 4  
    Soil Geochemical Results - Antimony . . . . . 4  
RECOMMENDATIONS. . . . . 5  
ITEMIZED COST STATEMENT . . . . . 6  
STATEMENT OF QUALIFICATIONS . . . . . 7  
REFERENCES . . . . . 8

LIST OF TABLES

TABLE 1 - CLAIM DATA . . . . . 1

LIST OF FIGURES

FIGURE 1 - LOCATION MAP . . . . . after page 1  
FIGURE 2 - CLAIM MAP . . . . . after page 1  
FIGURE 3 - REGIONAL GEOLOGY . . . . . back pocket  
FIGURE 4 - SOIL GEOCHEMICAL RESULTS - GOLD ppb . . . . . back pocket  
FIGURE 5 - SOIL GEOCHEMICAL RESULTS - ARSENIC ppm . . . . . back pocket  
FIGURE 6 - SOIL GEOCHEMICAL RESULTS - ANTIMONY ppm . . . . . back pocket

TABLE OF CONTENTS CON'T

APPENDICES

APPENDIX I - SAMPLE PREPARATION	9
APPENDIX II - GEOCHEMICAL ANALYSES	11

## SUMMARY AND CONCLUSIONS

The Sprout Property consists of one claim and two, two post claims totalling 22 units and is located 30 kilometres west of Kamloops in south-central British Columbia. Forestry roads provide access to the eastern and southern parts of the property.

The claims are 100% owned by C.R.C. Explorations Limited.

Previous exploration work in the area concentrated on mercury (in the late 1800's) and for copper in the 1970's.

The property is underlain by Nicola Group intermediate to basic volcanic rock intercalated with conglomerate and siltstone. Laterally extensive faulting and brecciation accompanied by quartz porphyry intrusions are believed (in part) responsible for the development of extensive ankeritic alteration zones with chalcedonic veining and quartz stockworks.

The 1992 soil sampling is a continuation of soil sampling carried out in 1990. A grid extension to the south totalling 1.875 kilometres was established to further explore the southern strike extent of anomalous gold soil anomalies on the property. A total of 69 soil samples were collected at 25 metre stations along grid lines spaced 100 metres apart. Analytical results of the soil samples indicate four northerly trending gold-in-soil anomalies ranging in values from 20ppb to 130ppb. These anomalies remain open to the north and south. Anomalous values of "indicator" elements such as arsenic and antimony are also coincident with or flank gold soil anomalies.

Recent exploration work carried out indicates the property has significant potential to host "epithermal style" base and precious metal deposits.

## INTRODUCTION

This report is a summary of exploration work carried out on the Sprout 89 and Oro 1 and 2 claims during the period June 24 to 26, 1992. Exploration work consisted of establishing 1.875 kilometres of grid and collection of 69 soil samples.

## LOCATION AND ACCESS (Figure 1)

The Sprout property is located approximately 30 kilometres west of Kamloops and eight kilometres southeast of Savona in south-central British Columbia. The property is centered at 50° 43' north latitude and 120° 43' west longitude.

Access to the property is via Highway 1 for 30 kilometres west of Kamloops, south on the old Kamloops highway and southwest on forestry roads to the eastern side of the claims.

## TOPOGRAPHY AND VEGETATION

Elevations on the property range from about 975 metres in the southern part to 610 metres in the northern part of the claim block. Relief is moderate to steep.

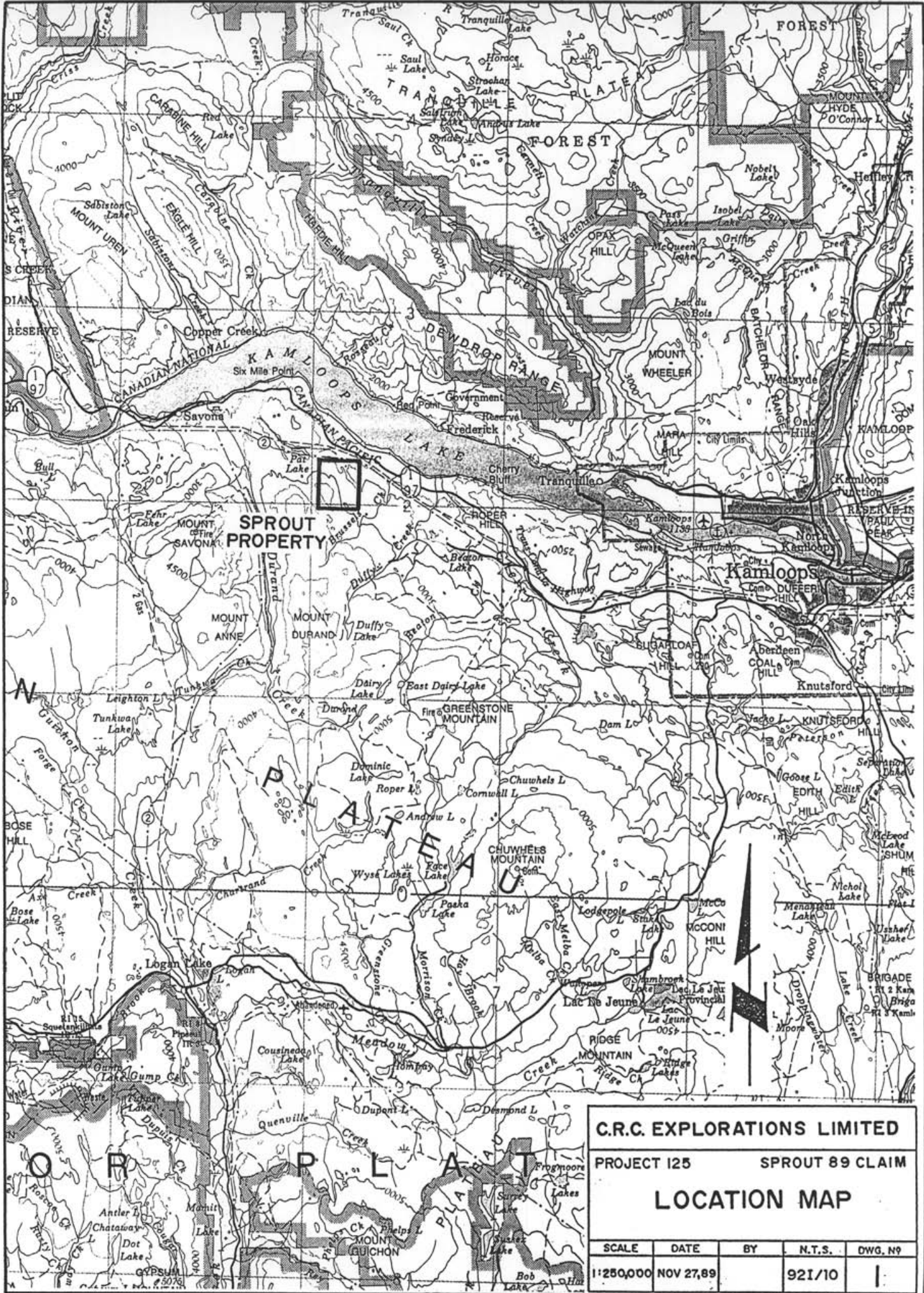
Vegetation is typical of semi-arid region of the Kamloops area consisting of grasses, sagebrush, ponderosa pine and at higher elevations douglas fir. Much of the mature timber has been selectively logged.

## CLAIMS (Figure 2)

The Sprout property consists of one claim and two, two post claims totalling 22 units (550ha). All claims are registered in the name of C.R.C. Explorations Limited.

Claim Name	Record No.	Units	Anniversary Date	Mining Division
Sprout 89	8661	20	July 1, 1993 <sup>*</sup>	Kamloops
Oro 1	8624	1	July 1, 1993 <sup>*</sup>	Kamloops
Oro 2	8625	1	July 1, 1993 <sup>*</sup>	Kamloops

<sup>\*</sup> Subject to acceptance of 1992 assessment work.

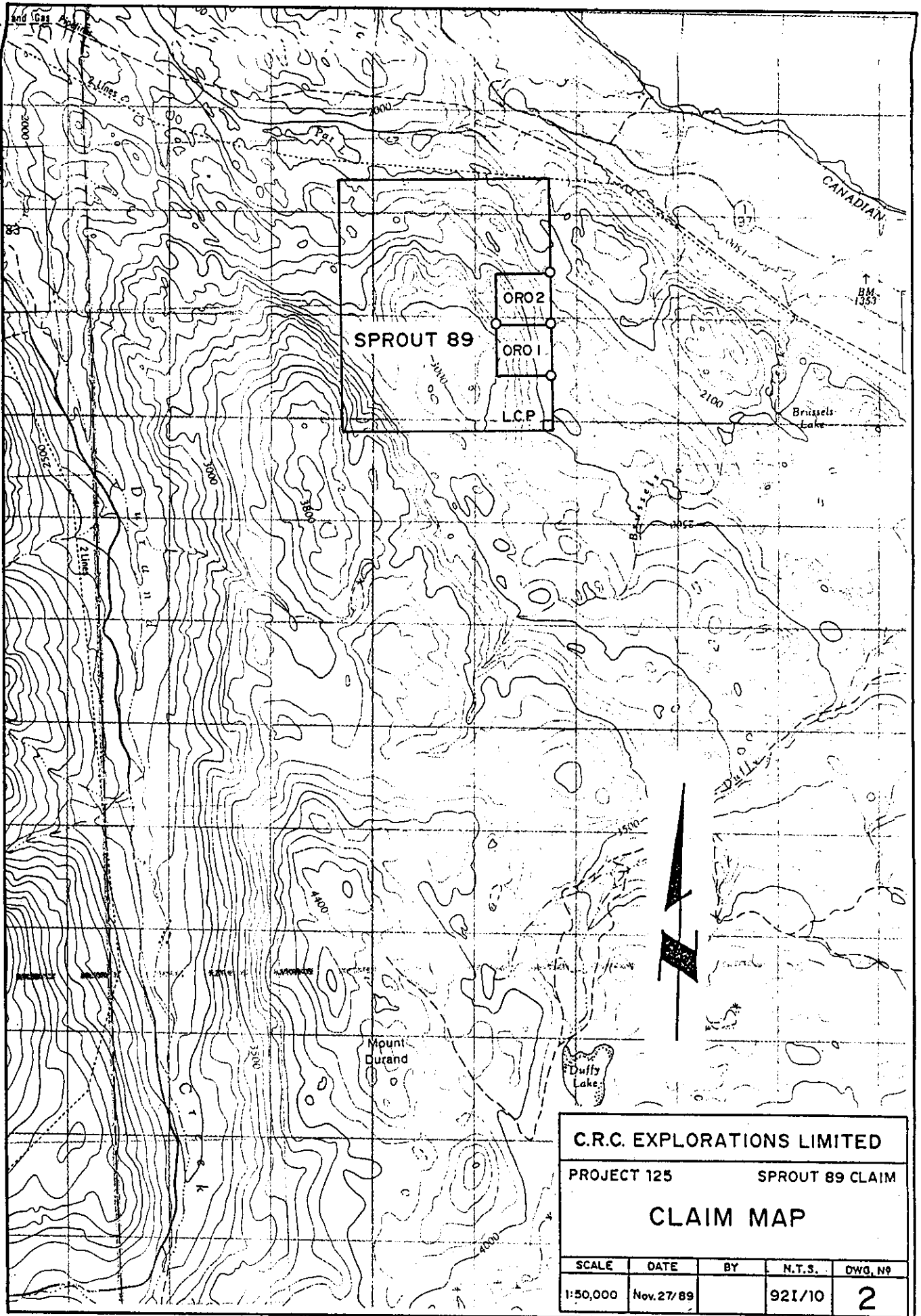


**C.R.C. EXPLORATIONS LIMITED**

PROJECT 125      SPROUT 89 CLAIM

**LOCATION MAP**

SCALE	DATE	BY	N.T.S.	DWG. N°
1:250,000	NOV 27,89		921/10	1



C.R.C. EXPLORATIONS LIMITED				
PROJECT 125		SPROUT 89 CLAIM		
<b>CLAIM MAP</b>				
SCALE	DATE	BY	N.T.S.	DWG. NO
1:50,000	Nov. 27/89		92I/10	<b>2</b>

## HISTORY

The area of the Sprout claims has been explored for mercury, base metals and precious metals since the late 1800's.

The area now covered by the Sprout claim was explored by Newmont Exploration in 1982. Newmont discovered a wide band of altered and silicified volcanics which returned up to 0.23 ounces gold per ton over one metre. Soil sampling on the property outlined zones containing significant mercury values in excess of 1000 ppb.

## REGIONAL GEOLOGY (Figure 3)

The Sprout property is underlain by Upper Triassic, Nicola Group volcanic and minor sedimentary rocks. The volcanic rocks consist of andesite, basalt, agglomerate and tuff. Sedimentary rocks include conglomerate, siltstone, argillite and limestone. The north-northwesterly trending Nicola Group package varies in width up to 40 kilometres and extends some 50 kilometres north of Kamloops Lake and 170 kilometres to the south. Nicola Group rocks are intruded by Jurassic-Cretaceous rocks ranging in composition from granite and syenite to pyroxenite.

Within the Savona area, laterally extensive faults have occurred along Deadman River, Sabiston Creek, Carabine Creek and Durand Creek. The Sabiston Creek fault and associated linements pass through the Sprout group of claims.

Early Tertiary syenitic intrusives with related carbonate and siliceous alteration zones are coincident with these linements.

Mercury deposits occur in a belt roughly 14 kilometres wide, extending from Tunkwa/Dominic Lakes in the south to Criss Creek to the north, a distance of some 39 kilometres. Mineralization occurs in Nicola Group rocks as well as Late Cretaceous sedimentary and volcanic rocks. Generally, the rocks exhibit extensive silicification with chalcedonic veining, intense alteration to ankerite and the development of dolomitic veins or stringers in shear and fracture zones. Associated with the cinnabar is stibnite, galena, tetrahedrite, malachite, azurite, chalcopyrite, pyrite and gold.

## LOCAL GEOLOGY

The Sprout property is underlain by northwest trending Upper Triassic, Nicola Group volcanic and sedimentary rocks. The volcanics are predominantly andesite and basalt with intercalated agglomerate (andesite/basalt clasts) and tuffaceous horizons. Locally, three to four metre thick beds of conglomerate and siltstone outcrop in the central and western part of the property.



On the property and to the east, Nicola Group rocks have been intruded by syenitic quartz-eye porphyry stocks and dykes.

#### 1990 WORK PROGRAM

An exploration program of grid establishment totalling 1.875 kilometres and soil geochemical sampling was carried out on the Sprout 89 and Oro 1 & 2 claims. A total of 69 soil samples were collected during the period June 24 to 26, 1992.

#### GRID ESTABLISHMENT

A metric grid network totalling 1.875 kilometres was established on the Sprout 89 and Oro 1 and 2 claims. Grid lines were turned off a previously established baseline with crosslines every 100 metres. Grid coordinates and soil sample sites are marked on wooden pickets or flagging on crosslines and baseline.

#### SOIL GEOCHEMICAL SURVEY

Soil samples were collected at 25 metre stations along grid lines spaced 100 metres apart. A total of 69 soil samples were collected. Samples were collected from the B soil horizon at varying depths between 15 centimetres to 35 centimetres. Samples were placed in kraft bags and numbered according to grid coordinates. The samples were shipped to Acme Analytical Laboratories Ltd., Vancouver, B.C. Samples were analysed for 30 elements by ICP methods, gold by atomic absorption. Sample preparation is described in Appendix I and soil geochemical results are listed in Appendix II.

#### Soil Geochemical Results - Gold (Figure 4)

Gold values ranged from 1ppb to 130ppb. Anomalous values for gold were visually estimated from the data as follows:

Threshold: 19ppb  
Anomalous:  $\geq 20\text{ppb} \leq 40\text{ppb}$   
Highly Anomalous:  $\geq 41\text{ppb}$

Four gold soil anomalies are evident from the data. Each of the gold soil anomalies extend in a north-south direction and remain open to the southeast. The soil anomalies range in width from 40 metres to 150 metres. All four gold soil anomalies defined by the 1992 soil sampling program extend the 1990 gold soil anomalies a further 100 metres to the south.

### Soil Geochemical Results - Arsenic (Figure 5)

Arsenic values range from 4ppm to 67ppm. Anomalous values were visually estimated from the data as follows:

Threshold: 14ppm  
Weakly Anomalous:  $\geq 15\text{ppm} \leq 24\text{ppm}$   
Anomalous:  $\geq 25\text{ppm}$

Arsenic values appear to be sporadic throughout the grid area. Only two areas show consistent anomalous arsenic values. Both arsenic soil anomalies extend previously defined 1990 arsenic soil anomalies a further 100 metres to the south-southeast and both remain open to the south-southeast. The arsenic soil anomalies range up to 120 metres wide and are coincident with 1992 gold soil anomalies.

### Soil Geochemical Results - Antimony (Figure 6)

Antimony values range from 2ppm to 23ppm. Anomalous values were visually estimated from the data as follows:

Threshold: 9ppm  
Weakly Anomalous:  $\geq 10\text{ppm} \leq 19\text{ppm}$   
Anomalous:  $\geq 20\text{ppm}$

Two weak soil anomalies in antimony trend in north-northeasterly zones. The west zone varies up to 80 metres wide while the east zone ranges up to 30 metres in width. Both anomalous zones are coincident with anomalous gold and arsenic soil anomalies.

**RECOMMENDATIONS**

Based on the encouraging results from the property to date, a staged exploration program is recommended.

Stage 1

The existing grid should be expanded to the northwest and southeast. Approximately 15 kilometres of grid lines spaced 100 metres apart with stations every 25 metres along the crosslines. B horizon soil sampling should be carried out along the grid lines with samples analysed for 30 elements (ICP) including gold and mercury. Magnetometer and VLF-EM survey should also be carried out to aid in geological mapping and the definition of the faults. The property should be geologically mapped and prospected in detail. Several test lines of induced polarization should be carried out over areas of known mineralization to determine if this geophysical technique helps define targets to be drill tested.

Stage 2

If Stage 1 defines further anomalous soil geochemical and geophysical targets, a diamond drill program should be carried out. The initial drill program should consist of 1000 metres of NQWL drilling.

Respectfully Submitted



Craig W. Payne M.Sc FGAC  
August 4, 1992

## ITEMIZED COST STATEMENT

Grid establishment and soil sampling 1.875 km at \$262.06 per km	\$491.36
Assays/Geochem 69 samples at \$13.38 per sample	\$922.88
Salaries 3 days during the period June 24 to 26, 1992	\$555.00
Accommodation/Board	\$207.03
Truck Rental 3 days at \$65.00 per day	\$215.00
Assessment Report and Drafting	<u>\$295.73</u>
TOTAL	\$2,687.00

**STATEMENT OF QUALIFICATIONS**

I, Craig W. Payne of Coquitlam, British Columbia do hereby certify that:

1. I am a graduate of Brock University, St. Catharines, Ontario with a Master of Science degree in Geological Sciences, 1979.
2. I am a Fellow of the Geological Association of Canada.
3. I have practiced my profession since 1972.
4. I am a consulting geologist with Promin Explorations Limited.
5. I am the author of the report entitled "Soil Geochemical Report on the Sprout 89, Oro 1 and 2 Claims; dated: August 4, 1992.

Dated at Coquitlam, B.C. this 4th day of August, 1992

  
\_\_\_\_\_  
Craig W. Payne M.Sc.

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**APPENDIX I**

**SAMPLE PREPARATION**

## SAMPLE PREPARATION

Soil samples are dried at 60° celcius and sieved to minus 80 mesh. A 0.5 gram sample is digested with 3mls 3-1-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95° celcius for one hour and diluted with water. This leach is near total for base metals, partial for rock forming elements and very slight for refractory elements. Solubility limits Ag, Pb, Sb, Bi, W for high grade samples.

Soil samples were analysed by ICP methods and a 10gm sample was analysed for gold using atomic absorption. A 10gm sample was also used for mercury and analysed by flameless atomic absorption.

Rock samples are crushed to approximately 0.5cm and then approximately half of the sample is ground to -100 mesh. A 20gm sample is digested as described above for soils.

Rock samples were analysed by ICP methods except gold which was analysed by atomic absorption and mercury by flameless atomic absorption.



**APPENDIX II**  
**GEOCHEMICAL ANALYSIS**



GEOCHEMICAL ANALYSIS CERTIFICATE



C.R.C. Explorations Ltd. PROJECT 12S File # 92-1716 Page 1

2197 Park Cres., Coquitlam B.C. V3J 6T1 Submitted by: C. PAYNE

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
L92+50N 55+00E BL	1	36	8	62	.3	18	7	526	1.86	16	5	ND	1	789	.2	2	3	57	4.18	.081	8	14	10.76	170	.07	50	2.02	.05	.10	1	3
L92N 46+75E	1	114	4	61	.1	26	10	380	4.67	10	5	ND	1	57	.4	7	2	100	.73	.047	10	39	.76	251	.11	8	2.36	.02	.39	1	24
L92N 47+00E	1	123	9	87	.1	35	18	854	5.65	21	5	ND	2	53	.7	7	2	109	1.05	.066	11	38	.80	606	.10	12	2.34	.03	.45	1	24
L92N 47+25E	1	91	2	94	.2	17	11	575	4.51	12	7	ND	3	41	.4	13	2	89	.55	.040	8	23	.59	373	.08	13	1.89	.03	.50	1	6
L92N 47+50E	1	123	4	91	.3	19	13	551	5.18	23	5	ND	2	42	.5	7	2	83	.80	.073	12	23	.59	557	.07	10	2.20	.03	.53	1	17
L92N 48+00E	1	22	6	55	.1	11	7	366	2.68	4	5	ND	1	42	.2	3	2	57	.46	.020	4	23	.32	225	.09	7	1.08	.04	.20	1	3
L92N 48+25E	1	197	2	124	.1	24	27	1663	6.83	58	5	ND	2	60	1.0	9	2	143	1.54	.127	9	16	.68	774	.03	16	1.54	.02	.44	1	16
L92N 48+50E	1	92	2	103	.1	19	11	487	4.95	26	5	ND	2	34	.3	11	2	94	.60	.059	9	24	.40	478	.07	9	1.45	.03	.40	1	9
L92N 48+75E	1	32	8	124	.1	15	7	492	3.49	11	5	ND	2	42	.2	5	2	43	.60	.044	7	20	.35	558	.08	14	1.64	.03	.51	1	5
L92N 49+00E	1	20	6	137	.1	15	8	863	2.68	8	5	ND	1	54	.2	3	2	35	.65	.038	4	15	.31	494	.06	7	1.36	.03	.17	1	3
L92N 49+25E	1	69	4	84	.1	18	13	542	4.86	11	5	ND	2	32	.2	12	2	94	.42	.048	9	21	.30	464	.05	7	1.18	.02	.28	1	7
L92N 49+50E	1	127	8	109	.1	26	18	703	6.23	67	5	ND	1	40	.4	15	2	135	.89	.060	8	25	.56	312	.07	8	1.90	.02	.31	1	43
L92N 49+75E	1	72	8	122	.1	19	15	760	5.23	23	5	ND	2	47	.2	16	2	112	.68	.054	8	21	.36	1160	.06	9	1.50	.03	.29	1	61
L92N 50+00E	1	72	9	93	.1	21	12	699	4.46	17	5	ND	2	40	.2	10	2	91	.57	.041	9	32	.49	321	.12	9	1.55	.03	.36	1	28
L92N 50+25E	1	75	5	83	.1	14	11	521	4.27	11	5	ND	1	40	.2	6	2	79	.49	.053	8	16	.42	397	.04	10	1.20	.02	.42	1	14
L92N 50+50E	1	78	4	103	.1	16	12	854	4.84	35	5	ND	1	46	.2	6	2	84	.62	.058	10	18	.37	410	.05	7	1.33	.02	.30	1	80
L92N 50+75E	1	63	5	119	.1	14	14	964	4.55	13	5	ND	1	57	.3	6	2	75	1.22	.088	9	13	.38	578	.03	13	1.32	.02	.48	1	10
L92N 51+00E	1	78	4	102	.3	22	14	692	4.67	15	9	ND	2	87	.4	11	2	82	1.22	.064	11	25	.60	427	.08	13	1.87	.05	.42	2	26
L92N 51+25E	1	85	5	91	.1	23	12	461	4.62	24	5	ND	1	55	.2	9	2	70	.84	.050	11	28	.52	467	.08	8	1.85	.03	.37	1	64
L92N 51+50E	1	49	8	89	.1	73	17	751	4.06	10	5	ND	1	59	.2	3	2	73	.60	.028	15	133	.93	325	.10	5	2.04	.05	.29	1	6
L92N 51+75E	1	116	12	118	.2	21	22	1293	6.14	27	5	ND	1	80	.6	11	2	75	1.36	.107	10	19	.66	806	.03	13	1.23	.03	.47	1	128
L92N 52+00E	1	56	4	67	.1	18	14	615	4.72	9	5	ND	2	52	.2	5	2	52	.55	.033	11	23	.52	417	.08	11	1.85	.03	.64	1	58
L92N 52+25E	1	53	4	140	.1	19	11	984	3.71	6	5	ND	1	66	.2	2	2	53	.69	.064	10	27	.52	356	.11	21	2.01	.04	.63	1	8
L92N 52+50E	1	92	7	88	.3	30	12	439	4.98	14	10	ND	3	61	.5	6	4	85	.64	.036	11	39	.73	248	.16	12	2.50	.04	.49	1	28
L92N 52+75E	1	57	5	78	.1	23	9	548	3.64	9	5	ND	2	46	.2	2	2	64	.58	.046	10	30	.51	247	.15	12	2.46	.04	.42	1	6
L92N 53+00E	1	104	5	134	.1	13	13	876	4.66	9	5	ND	1	70	.5	5	2	84	1.18	.069	12	17	.64	452	.04	15	2.02	.02	.48	1	8
L92N 53+25E	1	66	6	73	.1	21	14	721	4.03	10	5	ND	1	177	.3	4	2	61	2.11	.031	10	25	.88	239	.10	12	1.84	.04	.47	1	7
RE L92N 52+25E	1	52	5	136	.2	19	11	968	3.65	8	5	ND	2	70	.2	4	2	54	.75	.062	11	28	.53	336	.11	21	1.98	.03	.63	2	3
L92N 53+50E	1	73	11	112	.1	26	12	687	4.00	10	5	ND	2	54	.2	2	2	69	.79	.044	11	33	.57	284	.12	12	2.04	.03	.45	1	31
L92N 53+75E	1	116	5	99	.1	36	17	885	4.93	15	5	ND	1	52	.3	4	2	106	.95	.071	10	41	.86	304	.09	10	2.04	.03	.35	1	32
L92N 54+00E	1	58	5	97	.1	29	15	882	3.40	8	5	ND	1	539	.4	2	2	59	4.47	.047	10	22	3.41	204	.09	30	1.92	.07	.37	1	48
L92N 54+25E	1	55	7	78	.1	25	12	562	3.78	8	5	ND	2	84	.2	4	2	76	.59	.028	12	32	.91	234	.12	9	1.99	.04	.29	1	4
L92N 54+50E	1	86	10	113	.1	28	12	510	4.31	8	5	ND	2	67	.2	3	2	75	.54	.040	10	38	.71	211	.12	20	2.17	.03	.60	1	22
L92N 54+75E	1	68	4	71	.1	30	17	926	4.37	7	5	ND	2	92	.7	2	2	89	.92	.032	11	33	1.28	221	.12	13	2.15	.04	.38	1	10
L92N 55+00E BL	1	59	4	63	.1	29	14	827	3.42	8	5	ND	1	299	.2	2	2	68	2.78	.045	10	26	2.21	215	.11	16	2.01	.05	.28	1	21
L91+50N 55+00E BL	1	57	2	68	.3	28	15	875	3.57	10	5	ND	1	358	.2	2	2	85	3.25	.047	10	22	4.59	201	.13	33	2.59	.08	.28	1	1
STANDARD C/AU-S	20	64	43	142	7.6	77	32	1070	4.09	42	23	8	39	53	19.2	14	21	60	.48	.089	39	60	.89	181	.09	35	1.95	.08	.17	12	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: SOIL AU\*\* ANALYSIS BY FA/ICP FROM 20 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUN 30 1992 DATE REPORT MAILED: July 7/92 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L91N 46+50E	1	43	6	77	.1	15	10	406	3.58	8	5	ND	1	33	.2	4	2	73	.48	.030	8	25	.33	217	.12	9	1.59	.02	.29	1	1
RE L91N 54+75E	1	57	4	54	.1	26	13	739	3.51	8	5	ND	1	223	.4	2	2	80	2.01	.046	8	28	2.21	152	.13	23	1.86	.03	.27	1	10
L91N 46+75E	1	43	4	81	.1	18	11	480	3.77	8	5	ND	1	45	.4	2	2	82	.58	.028	10	30	.49	227	.14	7	1.88	.02	.24	1	1
L91N 47+00E	1	46	7	77	.1	15	10	836	3.45	4	5	ND	1	45	.2	2	2	57	.53	.024	8	23	.50	298	.10	9	1.88	.02	.28	1	12
L91N 47+25E	1	58	2	105	.1	20	11	886	3.85	7	5	ND	1	33	.2	3	2	82	.51	.022	8	35	.50	236	.12	9	1.73	.02	.35	1	3
L91N 47+50E	1	61	4	77	.1	17	12	1132	3.28	6	5	ND	1	32	.2	2	2	63	.50	.026	12	28	.48	276	.11	4	1.93	.02	.31	1	1
L91N 47+75E	1	115	7	65	.2	48	18	705	4.70	14	5	ND	1	57	.4	5	2	106	1.49	.116	9	49	.97	367	.08	9	2.07	.02	.19	1	49
L91N 48+00E	1	81	9	88	.1	16	12	613	3.86	6	5	ND	1	39	.2	5	2	58	.62	.035	9	22	.43	325	.09	10	2.00	.02	.35	1	9
L91N 48+25E	1	77	4	84	.1	25	13	683	4.01	9	5	ND	1	46	.2	5	2	72	.79	.045	8	32	.55	316	.12	15	2.00	.02	.45	1	8
L91N 48+50E	1	58	5	64	.1	15	12	429	3.94	11	5	ND	1	44	.2	5	2	76	.48	.035	8	22	.31	365	.06	9	1.47	.02	.25	1	6
L91N 48+75E	1	59	5	99	.1	26	15	785	4.87	17	5	ND	1	44	.2	7	2	92	.80	.049	10	28	.38	440	.09	8	1.73	.02	.25	1	6
L91N 49+00E	1	63	3	85	.1	20	14	691	4.39	13	5	ND	1	45	.2	21	2	85	.57	.043	7	22	.33	346	.07	7	1.36	.02	.25	1	10
L91N 49+25E	1	93	11	104	.1	19	17	1013	4.73	46	5	ND	1	46	.2	23	2	69	.73	.046	7	19	.38	412	.06	9	1.49	.02	.31	1	130
L91N 49+50E	1	83	8	94	.2	21	15	633	4.34	35	5	ND	1	52	.7	8	2	58	.67	.040	10	20	.48	334	.09	11	2.02	.02	.36	1	129
L91N 49+75E	1	79	6	72	.1	18	11	402	4.21	12	5	ND	1	35	.2	8	2	69	.46	.048	10	25	.41	329	.10	7	1.95	.02	.33	1	103
L91N 50+00E	1	60	10	83	.1	25	14	1077	4.19	11	5	ND	2	41	.2	5	2	87	.59	.055	10	36	.48	297	.13	7	1.88	.02	.32	1	6
L91N 50+25E	1	52	10	107	.1	20	12	776	3.77	7	5	ND	1	39	.2	5	2	67	.58	.038	7	29	.44	296	.10	10	1.63	.02	.35	1	7
L91N 50+50E	1	87	5	87	.1	19	15	760	4.80	17	5	ND	1	34	.2	7	2	85	.56	.062	10	24	.46	439	.07	6	1.78	.02	.33	1	31
L91N 50+75E	1	73	4	99	.1	18	12	497	4.52	11	5	ND	1	44	.2	8	2	71	.58	.046	8	23	.43	462	.08	10	1.86	.02	.40	1	106
L91N 51+00E	1	79	6	120	.1	13	15	677	5.21	16	5	ND	1	50	.2	19	2	65	.60	.063	11	12	.52	431	.03	13	1.81	.01	.43	1	74
L91N 51+25E	1	65	7	135	.1	15	15	919	4.58	12	5	ND	1	54	.2	4	2	74	.72	.056	11	17	.67	544	.06	9	2.26	.02	.37	1	63
L91N 51+50E	1	73	7	97	.1	26	12	428	4.56	18	5	ND	1	41	.2	7	2	69	.57	.034	11	36	.53	278	.11	9	2.23	.02	.38	1	45
L91N 51+75E	1	102	6	86	.1	20	15	613	5.08	19	5	ND	1	43	.2	7	2	92	.66	.048	8	24	.48	371	.07	8	1.88	.01	.31	1	48
L91N 52+00E	1	103	7	78	.1	31	15	671	4.96	16	5	ND	1	49	.2	4	2	102	.75	.058	7	36	.68	300	.12	11	2.00	.02	.33	1	13
L91N 52+25E	1	60	6	96	.1	22	13	867	3.76	10	5	ND	1	60	.2	3	2	65	.83	.032	9	31	.49	258	.12	11	1.82	.02	.40	1	33
L91N 52+75E	1	76	10	102	.1	20	13	575	4.53	8	5	ND	1	64	.2	4	2	66	.62	.045	8	28	.69	221	.09	14	2.05	.02	.55	1	29
L91N 53+00E	1	76	4	117	.1	17	11	547	4.33	6	5	ND	1	50	.2	5	2	54	.67	.044	6	23	.51	527	.10	14	1.99	.02	.46	1	18
L91N 53+25E	1	110	5	106	.1	25	18	714	5.36	7	5	ND	1	48	.2	13	2	87	.74	.065	6	28	.69	322	.07	18	1.89	.02	.53	1	34
L91N 53+50E	1	52	5	62	.1	31	14	838	3.43	6	5	ND	1	329	.3	2	2	63	3.01	.033	8	28	2.61	176	.10	15	1.83	.05	.30	1	7
L91N 53+75E	1	73	9	79	.1	36	14	656	4.66	12	5	ND	1	62	.2	2	2	107	.77	.055	9	44	.78	264	.15	17	2.36	.02	.46	1	1
L91N 54+00E	1	51	4	58	.1	26	11	467	3.91	4	5	ND	1	64	.2	2	2	82	.49	.023	9	38	.63	180	.15	11	2.00	.02	.37	1	71
L91N 54+25E	1	84	2	82	.1	16	7	288	1.76	4	5	ND	1	886	.3	2	2	37	5.50	.060	7	56	18.85	226	.05	40	1.85	.04	.13	1	4
L91N 54+50E	1	15	2	47	.1	11	5	326	.88	5	5	ND	5	1960	.2	2	2	25	11.83	.065	6	8	23.24	311	.03	74	1.13	.03	.07	1	3
L91N 54+75E	1	53	6	54	.1	25	12	711	3.38	6	5	ND	1	249	.3	2	2	76	2.11	.044	7	28	2.31	147	.12	25	1.81	.03	.26	1	6
L91N 55+00E BL	1	60	6	56	.1	36	14	625	3.90	9	5	ND	1	105	.2	2	2	79	.64	.028	9	47	1.70	112	.15	19	2.04	.09	.31	1	3
STANDARD C/AU-S	19	61	40	132	7.5	73	31	1044	3.98	42	20	7	40	53	17	15	21	59	.47	.091	39	58	.88	178	.09	35	1.89	.08	.15	11	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

C.R.C. EXPLORATIONS LIMITED  
SAYONA PROPERTY, BRITISH COLUMBIA

PROJECT NO. 125/1992

SOIL GEOCHEMICAL DATA - NORTH GRID

LINE NO.	STATION	NORTHING	EASTING	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mi(ppm)	Mn(ppm)	Fe(X)	As(ppm)	Sr(ppm)	Cd(ppm)	Sb(ppm)	V(ppm)	Ca(X)	Ba(ppm)	B(ppm)	Au(ppb)	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY /DIRECTION FACING /DIRECTION FACING	REMARKS
9250	5500	36	8	62	0.3	18	528	1.88	15	789	0.2	2	57	4.18	170	50	3 SOIL	TILL	B	BROWN	FLAT			20cm DEPTH OF SAMPLE	
9200	4675	114	4	61	0.1	26	380	4.67	10	57	0.4	7	100	0.73	251	8	24 SOIL	TILL	B	BROWN	HILLTOP			OUTCROP ALL AROUND SAMPLE SITE, VOLCANIC?	
9200	4700	123	9	87	0.1	35	854	5.65	21	53	0.7	7	109	1.05	806	12	24 SOIL	TILL	B	BROWN	HILLSIDE/EAST			OUTCROP TO NORTH-SOUTH AND WEST OF SAMPLE SITE	
9200	4725	91	2	94	0.2	17	575	4.51	12	41	0.4	13	89	0.55	373	13	6 SOIL	TILL	B	BROWN	HILLSIDE/EAST			NEAR TOP OF HILL, OUTCROP ALL AROUND SAMPLE SITE	
9200	4750	123	4	91	0.3	19	551	5.18	23	42	0.5	7	83	0.8	557	10	17 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST				
9200	4800	22	6	55	0.1	11	386	2.68	4	42	0.2	3	57	0.46	225	7	3 SOIL	TILL	B	BROWN	HILLSIDE/EAST			ROCKY, POOR SOIL	
9200	4825	197	2	124	0.1	24	1863	6.83	58	60	1	9	143	1.54	774	18	16 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			ROCKY SOIL	
9200	4850	92	2	103	0.1	19	487	4.95	26	34	0.3	11	94	0.5	478	9	9 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			SAMPLE TAKEN FROM WITHIN ROOTS OF FALLEN TREE	
9200	4875	32	8	124	0.1	15	492	3.49	11	42	0.2	5	43	0.6	558	14	5 SOIL	TILL	B	BROWN	HILLSIDE/EAST			ROCKY SOIL, ASH ALTERED ROCKS IN AREA, OUTCROP?	
9200	4900	20	8	137	0.1	15	863	2.68	8	54	0.2	3	35	0.65	494	7	3 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			SAMPLE TAKEN WEST OF OLD ROAD, ASH ALTERED ROCKS IN AREA	
9200	4925	69	4	84	0.1	18	542	4.88	11	32	0.2	12	94	0.42	464	7	7 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			OPEN FOREST-GRASS, OUTCROP 5m SOUTH OF SAMPLE SITE	
9200	4950	127	8	109	0.1	25	703	6.23	67	40	0.4	15	135	0.89	312	8	43 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			20cm DEEP SAMPLE	
9200	4975	72	8	122	0.1	19	780	5.23	23	47	0.2	16	112	0.68	1160	9	61 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			SMALL OUTCROP TO SOUTH OF SOIL SAMPLE SITE(ASH ALTERED)	
9200	5000	72	9	93	0.1	21	699	4.48	17	40	0.2	10	91	0.57	321	9	28 SOIL	TILL	B	BROWN/ORANGE	HILLTOP			POOR, ROCKY SOIL	
9200	5025	75	5	83	0.1	14	521	4.27	11	40	0.2	6	79	0.49	397	10	14 SOIL	TILL	B	BROWN/ORANGE	HILLTOP			ROCKY SOIL	
9200	5050	78	4	103	0.1	16	854	4.84	35	48	0.2	6	84	0.62	410	7	80 SOIL	TILL	B	BROWN	HILLTOP			DRY, ROCKY SOIL	
9200	5075	83	5	119	0.1	14	964	4.55	13	57	0.3	6	75	1.22	578	13	10 SOIL	TILL	B	BROWN	HILLSIDE/EAST			ROCKY SOIL	
9200	5100	78	4	102	0.3	22	892	4.87	15	87	0.4	11	82	1.22	427	13	26 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			ROCKY SOIL	
9200	5125	85	5	91	0.1	23	481	4.82	24	55	0.2	9	70	0.84	467	8	64 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			ROCKY SOIL, RUSTY PEBBLES	
9200	5150	49	8	89	0.1	73	751	4.06	10	59	0.2	3	73	0.6	325	5	8 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			SAMPLE TAKEN WEST OF OUTCROP	
9200	5175	116	12	118	0.2	21	1293	6.14	27	80	0.6	11	75	1.38	806	13	128 SOIL	TILL	B	BLACK/ORANGE	HILLSIDE/EAST			STEEP, ROCKY SOIL, IRON STAINED ROCK IN SOIL	
9200	5200	58	4	67	0.1	18	815	4.72	9	52	0.2	5	52	0.55	417	11	58 SOIL	TILL	B	BROWN	HILLSIDE/EAST			SOIL IS ROCKY	
9200	5225	53	4	140	0.1	19	984	3.71	6	66	0.2	2	53	0.69	356	21	8 SOIL	TILL	B	BROWN	HILLSIDE/EAST			AREA IS ROCKY, CLOSE TO OUTCROP, ANGULAR BOULDERS	
9200	5250	92	7	88	0.3	30	439	4.98	14	61	0.5	6	85	0.64	248	12	28 SOIL	TILL	B	BROWN	HILLSIDE/EAST			OPEN FOREST, GRASS	
9200	5275	57	5	78	0.1	23	548	3.84	9	46	0.2	2	64	0.58	247	12	6 SOIL	TILL	B	BROWN	HILLSIDE/EAST			CAT TRAIL 5m WEST OF SAMPLE	
9200	5300	104	5	134	0.1	13	876	4.88	9	70	0.5	5	84	1.18	452	15	8 SOIL	TILL	B	BROWN	HILLSIDE/EAST			FINE, DRY SOIL	
9200	5325	66	6	73	0.1	21	721	4.03	10	177	0.3	4	61	2.11	239	12	7 SOIL	TILL	B	BROWN	HILLSIDE/EAST			FINE, DRY SOIL, OPEN AREA WITH GRASS	
9200	5350	73	11	112	0.1	26	687	4	10	54	0.2	2	69	0.79	264	12	31 SOIL	TILL	B	BROWN	HILLSIDE/EAST			OPEN AREA, CLOSE TO BEDROCK	
9200	5375	116	5	99	0.1	36	885	4.93	15	52	0.3	4	106	0.95	304	10	32 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			FINE, DRY SOIL	
9200	5400	58	5	97	0.1	29	882	3.4	8	539	0.4	2	59	4.47	204	30	48 SOIL	TILL	B	BROWN	HILLSIDE/EAST			FINE, VERY DRY SOIL	
9200	5425	55	7	78	0.1	25	582	3.78	8	84	0.2	4	76	0.59	234	9	4 SOIL	TILL	B	BROWN/GREY	HILLSIDE/EAST			FINE DRY SOIL, SAMPLE TAKEN WEST OF ROAD	
9200	5450	88	10	113	0.1	28	510	4.31	8	67	0.2	3	75	0.54	211	20	22 SOIL	TILL	B	BROWN	FLAT			2-4 INCH DIAMETER TREES	
9200	5475	68	4	71	0.1	30	926	4.37	7	92	0.7	2	89	0.92	221	13	10 SOIL	TILL	B	BROWN	FLAT			OPEN FOREST, VERY DRY SOIL	
9200	5500	59	4	63	0.1	29	827	3.42	8	299	0.2	2	68	2.78	215	16	21 SOIL	TILL	B	BROWN	FLAT			SAMPLE 5m NORTH OF STATION	
9150	5500	57	2	68	0.3	28	875	3.57	10	358	0.2	2	85	3.25	201	33	1 SOIL	TILL	B	BROWN	FLAT				
9100	4650	43	8	77	0.1	15	406	3.58	8	33	0.2	4	73	0.48	217	9	1 SOIL	TILL	B	BROWN	HILLSIDE/WEST			OUTCROP ALL AROUND SAMPLE SITE, VOLCANIC?	
9100	4675	43	4	81	0.1	18	480	3.77	8	45	0.4	2	82	0.58	227	7	1 SOIL	TILL	B	BROWN	HILLTOP			OUTCROP WITHIN 5m TO NORTH AND SOUTH OF SAMPLE SITE	
9100	4700	48	7	77	0.1	15	838	3.45	4	45	0.2	2	57	0.53	298	9	12 SOIL	TILL	B	BROWN	HILLTOP(SMALL RAVINE)			OUTCROP TO NORTH AND SOUTH OF SAMPLE SITE	
9100	4725	58	2	105	0.1	20	886	3.85	7	33	0.2	3	82	0.51	236	9	3 SOIL	TILL	B	BROWN	HILLTOP			OUTCROP TO NORTH OF SAMPLE SITE	
9100	4750	61	4	77	0.1	17	1132	3.28	6	32	0.2	2	63	0.5	276	4	1 SOIL	TILL	SUBSOIL	BROWN	HILLTOP			SAMPLE IS MOSTLY ROCK FRAGMENTS	
9100	4775	115	7	65	0.2	48	705	4.7	14	57	0.4	5	106	1.49	367	9	49 SOIL	TILL	SUBSOIL	BROWN	HILLSIDE/EAST			OUTCROP IMMEDIATELY NORTH OF SAMPLE SITE	
9100	4800	81	9	88	0.1	16	613	3.86	6	39	0.2	5	58	0.62	325	10	9 SOIL	TILL	B	BROWN	HILLSIDE/EAST			POOR SOIL DEVELOPMENT	
9100	4825	77	4	84	0.1	25	683	4.01	9	48	0.2	5	72	0.79	318	15	8 SOIL	TILL	B	BROWN	HILLSIDE/EAST				
9100	4850	58	5	64	0.1	15	429	3.94	11	44	0.2	5	76	0.48	365	9	6 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			OUTCROP TO NORTH (10m) ASH ALTERED ROCK	
9100	4875	59	5	99	0.1	26	785	4.87	17	44	0.2	7	92	0.8	440	8	6 SOIL	TILL	SUBSOIL	BROWN/ORANGE	HILLSIDE/EAST			ABUNDANT RUSTY, ANGULAR BOUNDERS IN AREA	
9100	4900	63	3	85	0.1	20	691	4.39	13	45	0.2	21	85	0.57	346	7	10 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			ASH ALTERED, ANGULAR BOUNDERS IN AREA	
9100	4925	93	11	104	0.1	19	1013	4.73	46	46	0.2	23	69	0.73	412	9	130 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			OPEN GRASSY AREA, SAMPLE TAKEN WEST SIDE OF OLD ROAD	
9100	4950	83	8	94	0.2	21	633	4.34	35	52	0.7	8	58	0.67	334	11	129 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			ASH ALTERED BOULDERS IN AREA	
9100	4975	79	6	72	0.1	18	402	4.21	12	35	0.2	8	89	0.46	329	7	103 SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			SMALL GULLEY	

C.R.C. EXPLORATIONS LIMITED  
 SAVONA PROPERTY, BRITISH COLUMBIA

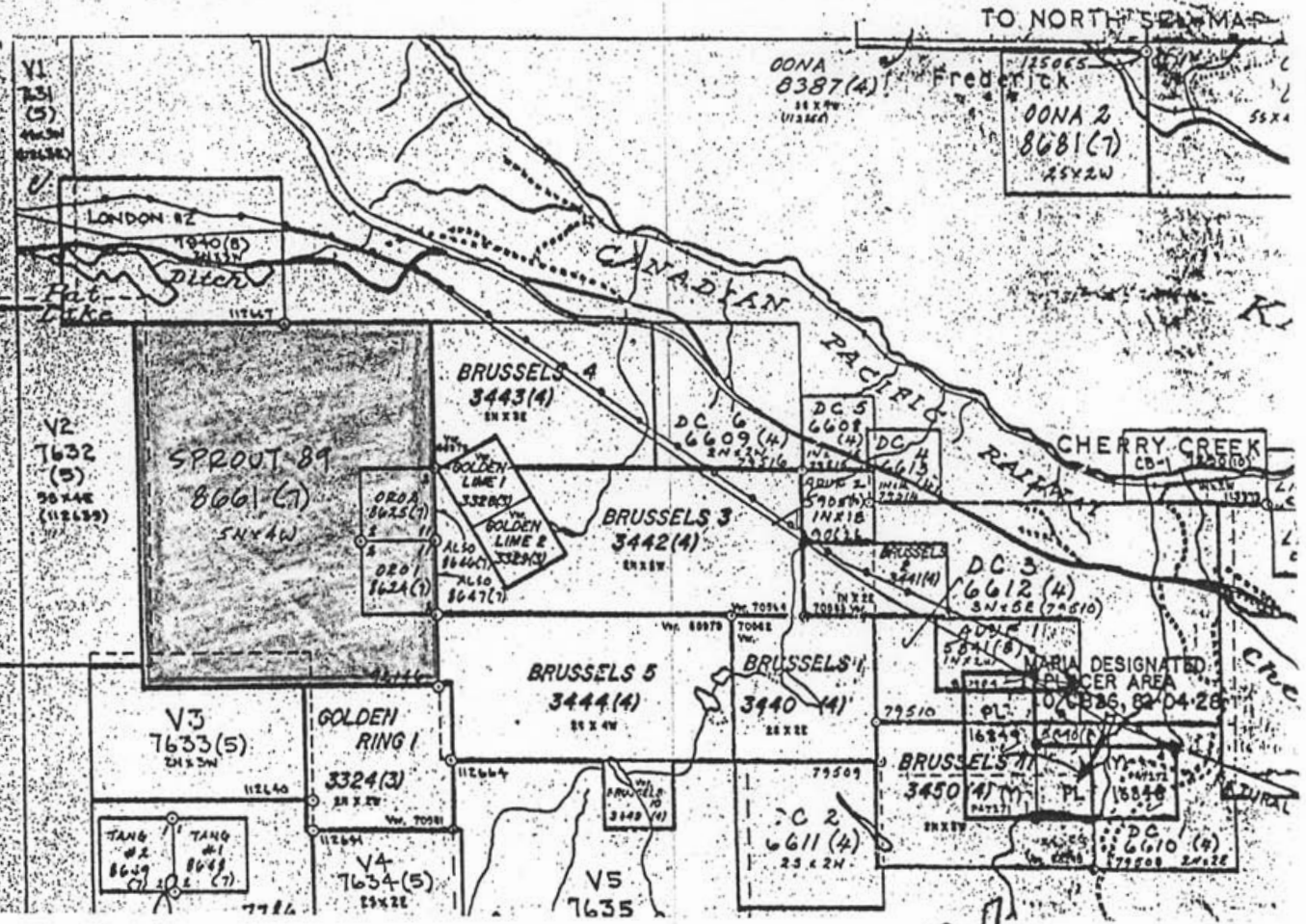
PROJECT NO. 125/1992

SOIL GEOCHEMICAL DATA - NORTH GRID

LINE NO.	STATION	NORTHING	EASTING	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mi(ppm)	Mn(ppm)	Fe(K)	As(ppm)	Sr(ppm)	Cd(ppm)	Sb(ppm)	V(ppm)	Ca(K)	Ba(ppm)	Si(ppm)	Au(ppb)	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY /DIRECTION FACING	REMARKS
9100	5000	60	10	83	0.1	25	1077	4.19	11	41	0.2	5	87	0.59	297	7	6	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP ALL AROUND SAMPLE SITE, VOLCANIC?		
9100	5025	52	10	107	0.1	20	776	3.77	7	39	0.2	5	67	0.58	296	10	7	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP TO WEST AND NORTH OF SAMPLE SITE		
9100	5050	87	5	87	0.1	19	760	4.8	17	34	0.2	7	85	0.56	439	6	31	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OPEN FOREST, RUSTY ANGULAR BOULDERS IN AREA		
9100	5075	73	4	99	0.1	18	497	4.52	11	44	0.2	8	71	0.58	462	10	106	SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST			
9100	5100	79	6	120	0.1	13	677	5.21	16	50	0.2	19	65	0.6	431	13	74	SOIL	TILL	B	BROWN	HILLSIDE/EAST			
9100	5125	65	7	135	0.1	15	919	4.58	12	54	0.2	4	74	0.72	544	9	63	SOIL	TILL	B	BROWN	HILLSIDE/EAST			
9100	5150	73	7	97	0.1	26	428	4.56	18	41	0.2	7	69	0.57	278	9	45	SOIL	TILL	B	BROWN	HILLSIDE/EAST	ROCKY SOIL		
9100	5175	102	6	86	0.1	20	613	5.08	19	43	0.2	7	92	0.66	371	8	48	SOIL	TILL	B	BROWN	HILLSIDE/EAST	STEEP SLOPE TO EAST		
9100	5200	103	7	78	0.1	31	671	4.96	16	49	0.2	4	102	0.75	300	11	13	SOIL	TILL	B	BROWN	HILLSIDE/EAST	STEEP SLOPE TO EAST		
9100	5225	60	6	96	0.1	22	887	3.76	10	60	0.2	3	65	0.83	258	11	33	SOIL	TILL	B	BROWN	HILLSIDE/EAST	STEEP SLOPE TO EAST		
9100	5275	76	10	102	0.1	20	575	4.53	8	84	0.2	4	68	0.82	221	14	29	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OPEN GRASSY AREA		
9100	5300	76	4	117	0.1	17	547	4.33	6	50	0.2	5	54	0.67	527	14	18	SOIL	TILL	B	BROWN	HILLSIDE/EAST	TREED AREA		
9100	5325	110	5	106	0.1	25	714	5.36	7	48	0.2	13	87	0.74	322	18	34	SOIL	TILL	B	BROWN/ORANGE	HILLSIDE/EAST	ASH ALTERATION ABUNDANT IN AREA		
9100	5350	52	5	62	0.1	31	838	3.43	6	329	0.3	2	63	3.01	176	15	7	SOIL	TILL	B	BROWN	HILLSIDE/EAST	DRY, FINE SOIL		
9100	5375	73	9	79	0.1	36	656	4.66	12	82	0.2	2	107	0.77	264	17	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST			
9100	5400	51	4	58	0.1	26	487	3.91	4	64	0.2	2	82	0.49	180	11	71	SOIL	TILL	B	BROWN	HILLSIDE/EAST			
9100	5425	84	2	82	0.1	16	288	1.76	4	886	0.3	2	37	5.5	226	40	4	SOIL	TILL	B	BROWN	HILLSIDE/EAST			
9100	5450	15	2	47	0.1	11	326	0.88	5	1960	0.2	2	25	11.83	311	74	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST			
9100	5475	53	6	54	0.1	25	711	3.38	6	249	0.3	2	76	2.11	147	25	6	SOIL	TILL	B	BROWN	FLAT			
9100	5500	60	6	56	0.1	36	625	3.9	9	105	0.2	2	79	0.64	112	19	3	SOIL	TILL	B	BROWN	FLAT			

M 92 I/10 E

50° 45'



COPY

□ OUTLINE OF CLAIMS.

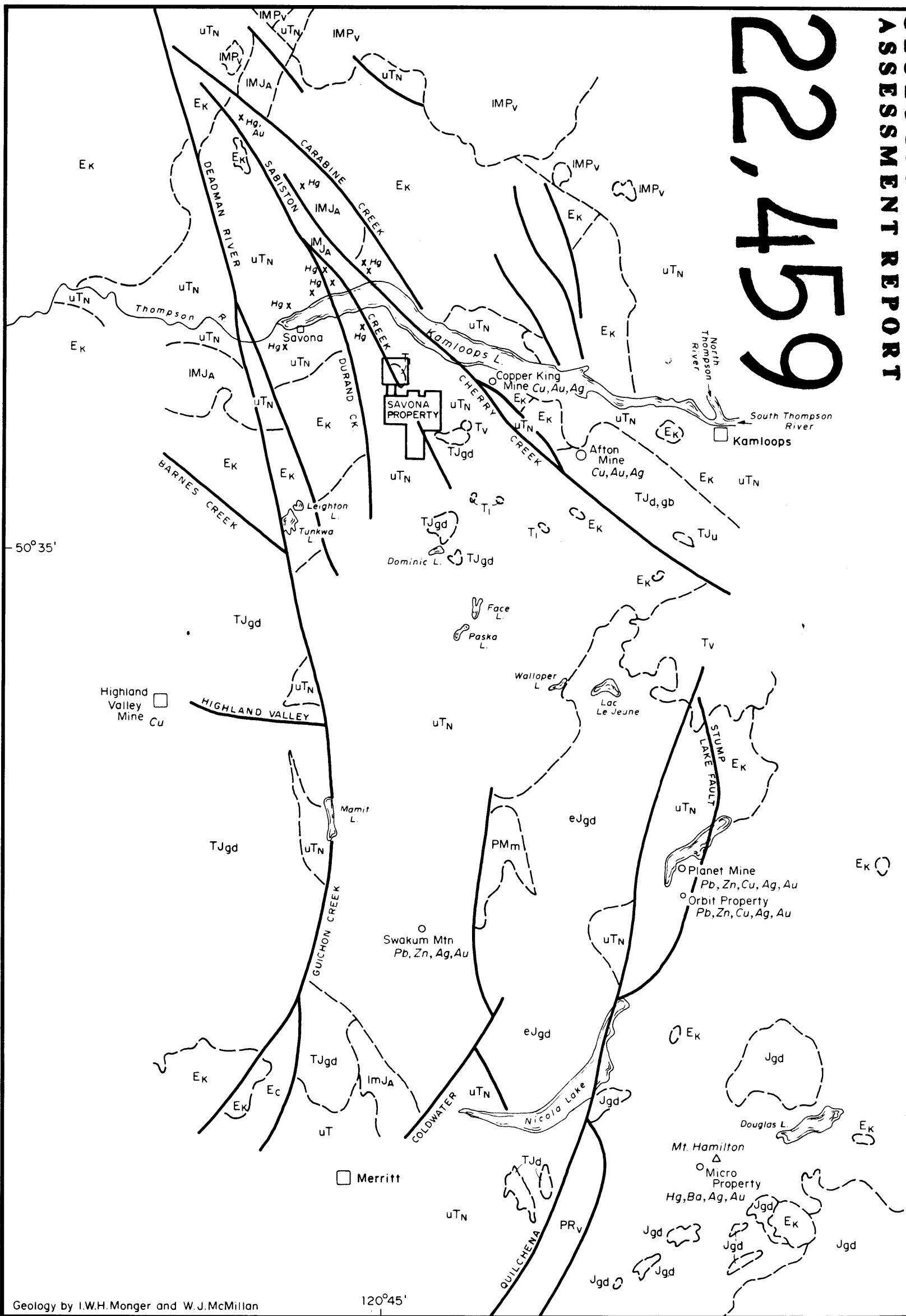
■ OUTLINE OF GROUND ACQUIRED - GROUP SPROUT 92-1



Scale 1:50,000  
 NTS 92 I/10  
 M.D. Kamloops.

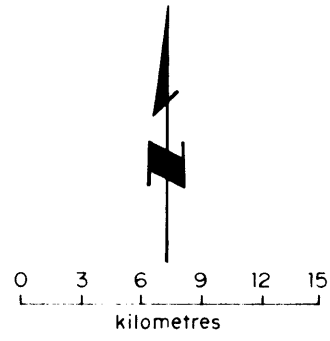
# 22,459

## GEOLOGICAL BRANCH ASSESSMENT REPORT



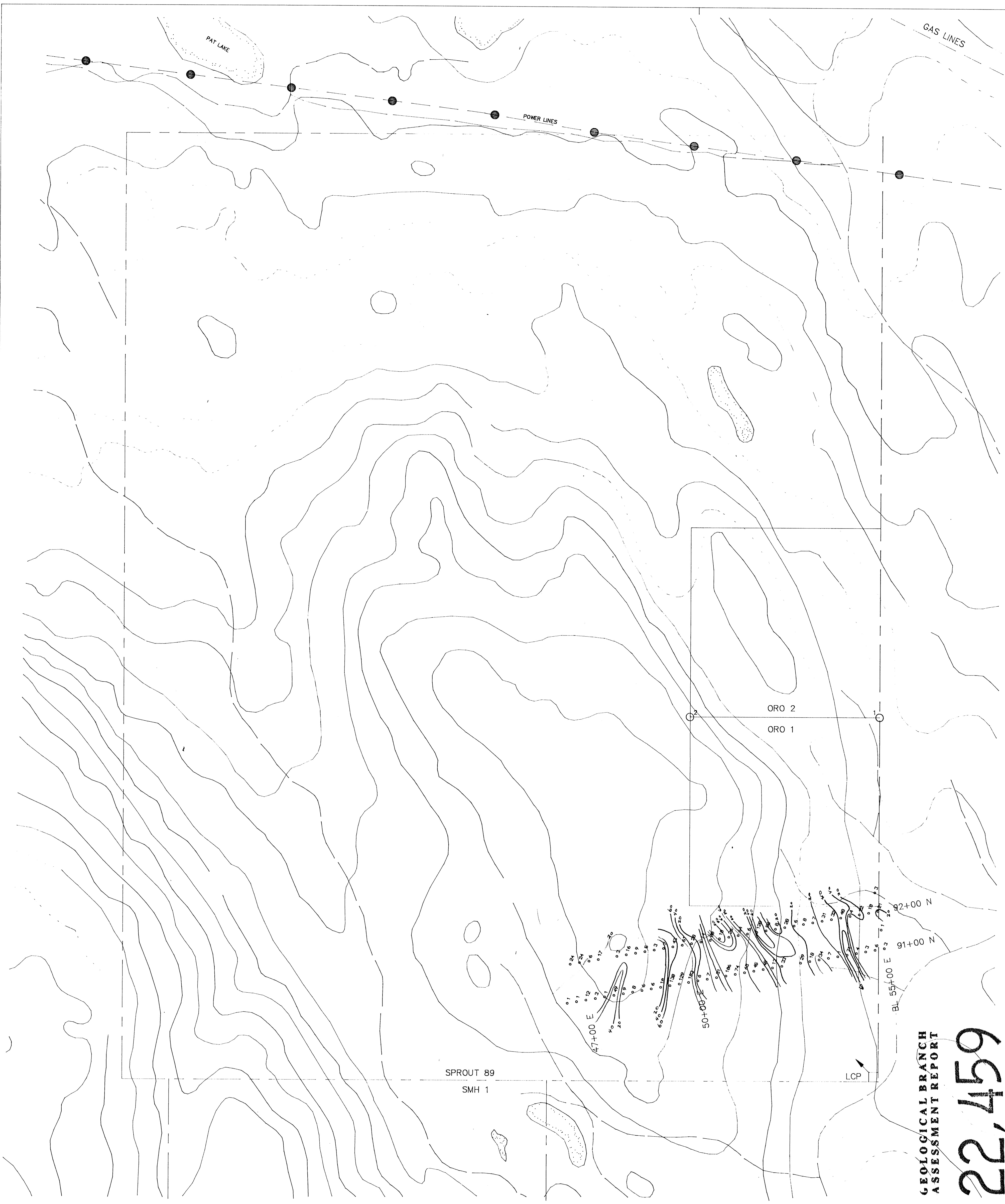
### LEGEND

- QUATERNARY**  
**PLEISTOCENE AND RECENT**  
 PRv "VALLEY BASALT": vesicular olivine basalt; local acidic to intermediate breccia in Coast Mountains only
- TERTIARY**  
**MIOCENE AND PIOCENE**  
 IMPv "PLATEAU BASALT": basalt, olivine basalt, minor tuff
- MIOCENE (?) AND OLDER**  
 Tv Olivine basalt  
 Ti Small intrusions of mainly intermediate composition
- EOCENE**  
 Ek KAMLOOPS GROUP: basalt, andesite, dacite, rhyolite, breccia, tuff and local intercalated sandstone; conglomerate, shale  
 Ec "COLDWATER BEDS": arkosic sandstone, conglomerate, shale, local coal seams
- JURASSIC AND CRETACEOUS**  
 Jgd PENNASK BATHOLITH, DOUGLAS LAKE STOCK AND SIMILAR GRANITIC ROCKS: granodiorite, quartz monzonite  
 ImJa ASHCROFT FM: argillite, siltstone, sandstone, conglomerate, local minor carbonate
- EARLIEST JURASSIC (?)**  
 eJgd WILD HORSE BATHOLITH, NICOLA BATHOLITH, PARTS OF MT. LYTTON PLUTONIC COMPLEX AND SIMILAR GRANITIC ROCKS: granodiorite, quartz monzonite; latter has local K-feldspar megacrystic phases
- TRIASSIC AND (?) JURASSIC**  
 TJgd,qm GUICHON CREEK BATHOLITH AND SIMILAR GRANITIC ROCKS: quartz monzonite and granodiorite (qm (gd)); granodiorite, quartz diorite (gd (qd)) and subordinate diorite (d)  
 TJs,d,u IRON MASK BATHOLITH AND SIMILAR ALKALINE INTRUSIONS: syenite (s); diorite (d); gabbro (gb); ultramafic (u)  
 uTn NICOLA GROUP: undifferentiated
- PALAEOZOIC AND MESOZOIC**  
 PMm Biotite quartz schist, biotite muscovite schist, garnet biotite schist local (in Coast Mountains), kyanite, sillimanite; protolith age unknown

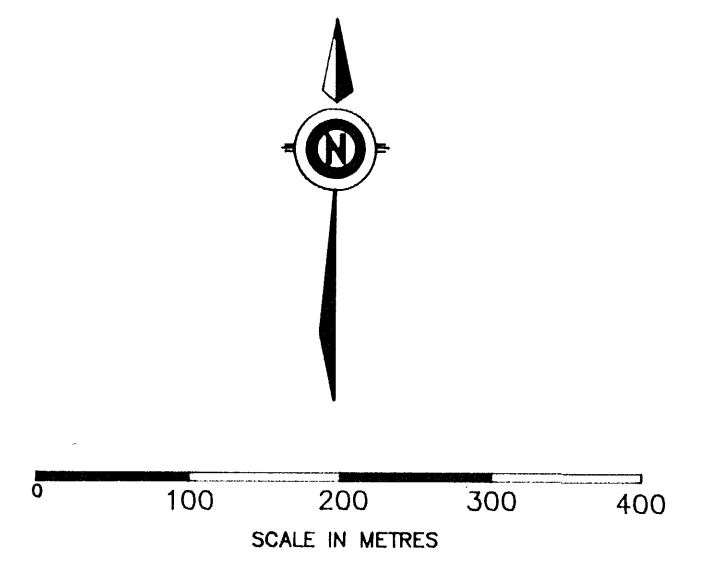


C.R.C. EXPLORATIONS LIMITED			
PROJECT 125		SAVONA PROPERTY	
<b>REGIONAL GEOLOGY</b>			
SCALE	DATE	N.T.S. N <sup>o</sup>	DWG N <sup>o</sup>
1:372,000	April/91	92 I	3





- LEGEND**
- ACCESS ROAD
  - ELEVATION CONTOUR (feet)
  - CLAIM NAME  
LEGAL CORNER POST  
CLAIM LINE
  - GRID NORTHING (N) AND EASTING (E)  
COORDINATES
  - CREEK
- SOIL GEOCHEMICAL SYMBOLS**
- SOIL GEOCHEMICAL CONTOURS  
CONTOUR INTERVAL 20 ppb
  - SOIL SAMPLE SITE



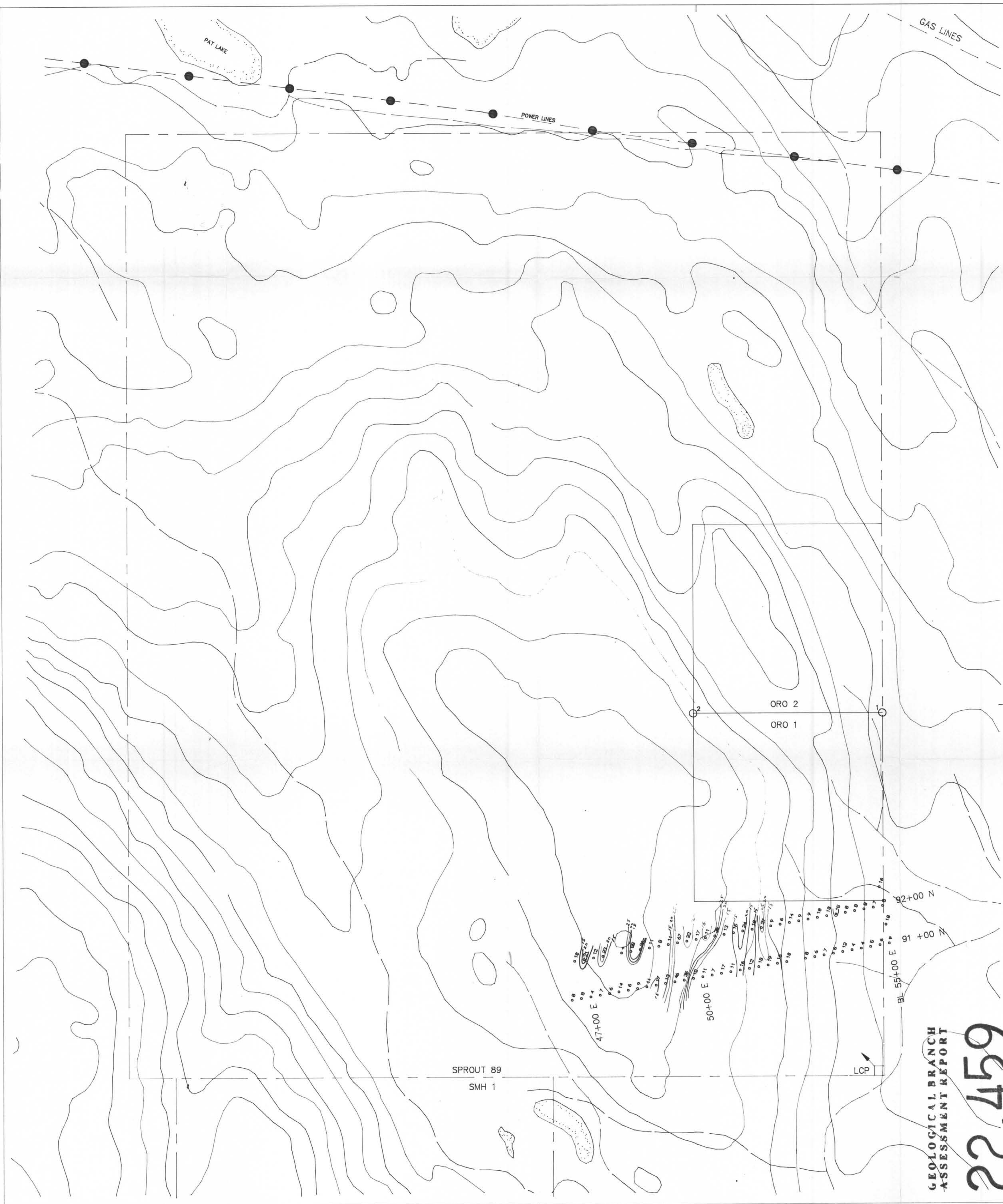
TO ACCOMPANY 1992 SOIL GEOCHEMICAL REPORT ON THE SAVONA PROPERTY, KAMLOOPS MINING DIVISION, BY C.W. PAYNE M.Sc.

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
22,459**

C.R.C. EXPLORATIONS LIMITED				
PROJECT NO. 125		KAMLOOPS MINING DIVISION		
SOIL GEOCHEMICAL RESULTS				
GOLD ppb				
SCALE	DATE	BY	NTS	FIG. NO.
1:5000	MAY /91		92 1/10	4

PRGM: N EXPLORATIONS LIMITED, GEOLOGICAL CONSULTANTS





LEGEND

- ACCESS ROAD
- ELEVATION CONTOUR (feet)
- CLAIM NAME
- LEGAL CORNER POST
- CLAIM LINE
- GRID NORTHING (N) AND EASTING (E) COORDINATES
- CREEK
- SOIL GEOCHEMICAL SYMBOLS**
- SOIL GEOCHEMICAL CONTOURS  
CONTOUR INTERVAL 5 ppm
- SOIL SAMPLE SITE



TO ACCOMPANY 1992 SOIL GEOCHEMICAL REPORT ON THE SAVONA PROPERTY, KAMLOOPS MINING DIVISION, BY C.W. PAYNE M.Sc.

C.R.C. EXPLORATIONS LIMITED

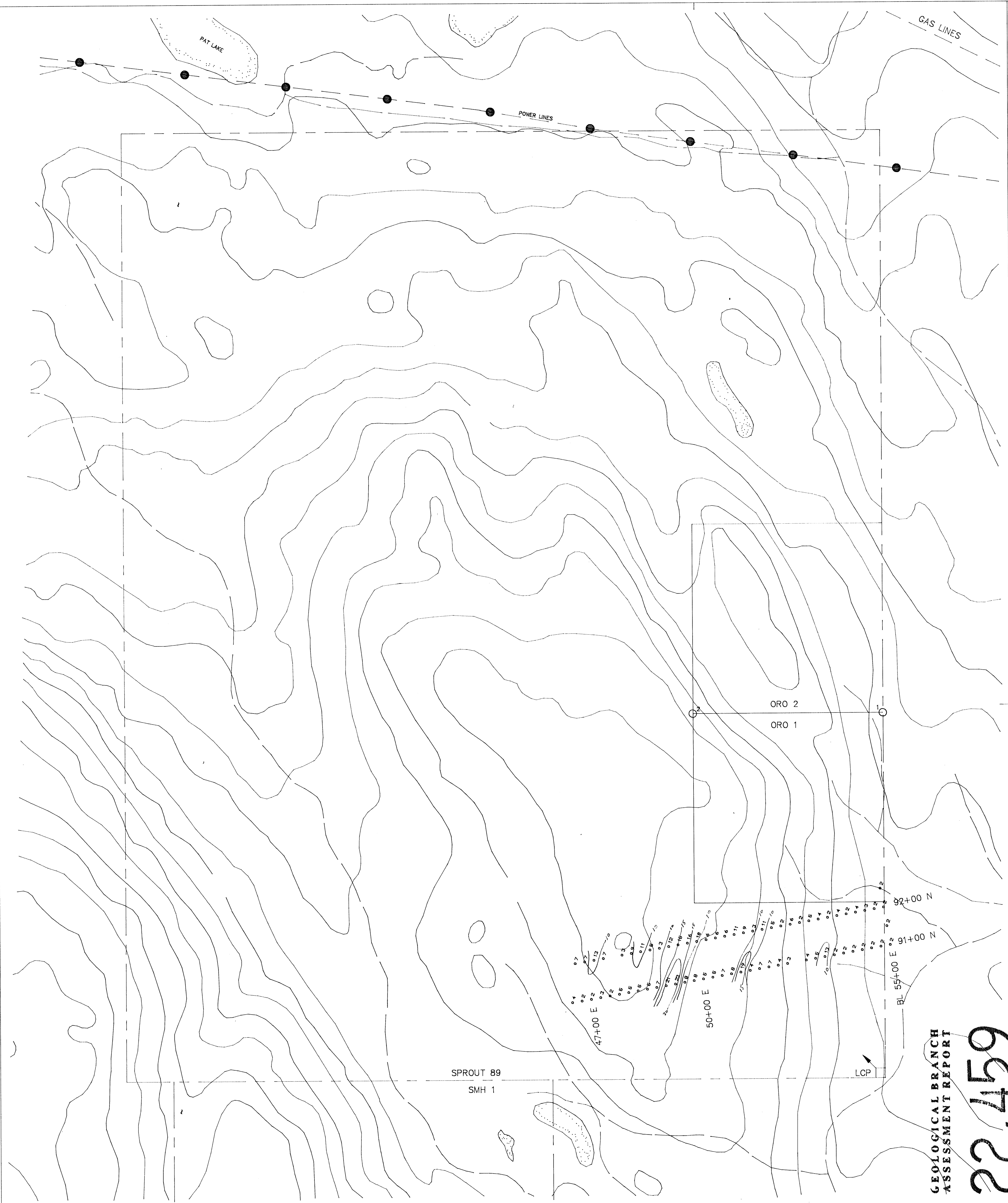
PROJECT NO. 125 KAMLOOPS MINING DIVISION

SOIL GEOCHEMICAL RESULTS  
ARSENIC ppm

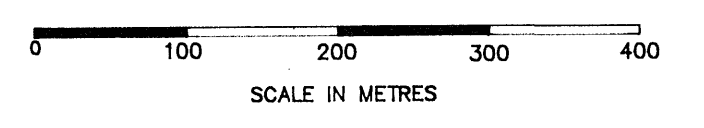
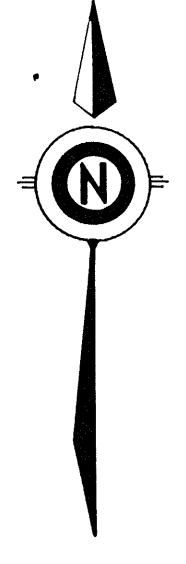
SCALE	DATE	BY	NTS	FIG. NO.
1:5000	MAY /91		92 1/10	5

PROMIN EXPLORATIONS LIMITED, GEOLOGICAL CONSULTANTS

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
22,459**



- LEGEND**
- ACCESS ROAD
  - ELEVATION CONTOUR (feet)
  - CLAIM NAME
  - LEGAL CORNER POST
  - CLAIM LINE
  - GRID NORTHING (N) AND EASTING (E) COORDINATES
  - CREEK
  - SOIL GEOCHEMICAL SYMBOLS**
  - SOIL GEOCHEMICAL CONTOURS  
CONTOUR INTERVAL 5 ppm
  - SOIL SAMPLE SITE



TO ACCOMPANY 1992 SOIL GEOCHEMICAL REPORT ON THE SAVONA PROPERTY, KAMLOOPS MINING DIVISION, BY C.W. PAYNE M.Sc.

C.R.C. EXPLORATIONS LIMITED				
PROJECT NO. 125		KAMLOOPS MINING DIVISION		
SOIL GEOCHEMICAL RESULTS				
ANTIMONY ppm				
SCALE	DATE	BY	NTS	FIG. NO.
1:5000	MAY /91		92 1/10	6
PROMIN EXPLORATIONS LIMITED, GEOLOGICAL CONSULTANTS				

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
22,459**