. MineQuest Report #30

Reconnaissance Geochemistry of the SAV 2 Claim

by

R.V. Longe

of

MINEQUEST EXPLORATION ASSOCIATES LTD.
April 1983

Kamloops Mining Division

Record No.

Claim Name

3978

Owner and Operator

MineQuest Exploration Associates Ltd.
311 Water Street
Vancouver, B.C.
V6B 1B8

MineQuest Report #30

GEOLOGICAL BRANCH ASSESSMENT REPORT

11,277

Reconnaissance Geochemistry of the SAV 2 Claim

by

R.V. Longe

of

MINEQUEST EXPLORATION ASSOCIATES LTD.
April 1983

Kamloops Mining Division

Claim Name Record No.

SAV 2 3978

At 1 50 43 A8

Owner and Operator

MineQuest Exploration Associates Ltd. 311 Water Street Vancouver, B.C.

V6B 1B8

CONTENTS

		Page
1.	INTRODUCTION	1
2.	LOCATION, TOPOGRAPHY AND ACCESS	1
3.	OWNERSHIP AND CLAIM STATUS	1
4.	HISTORY AND PREVIOUS WORK	2
5.	WORK CARRIED OUT IN 1982 5.1 Soil Sampling 5.2 Silt Sampling 5.3 Personnel	3 3 3 3
6.	DISCUSSION	4
7.	BIBLIOGRAPHY	5

ILLUSTRATIONS

FIGURE		After Page
1.	Location Map	1
2.	Sample Locations	In Pocket

TABLES

TABLE		After Page
1.	List of Soil Samples, Composite Samples and Results	3
2.	List of Silt Samples and Results	3

APPENDICES

APPENDIX

- I. Laboratory Report
- II. Statement of Qualifications
- III. Statement of Cost

1. INTRODUCTION

The SAV claims were staked to cover a sequence of Tertiary volcanics and related intrusives which appear promising for epithermal-type gold deposits.

Some geochemical silt samples and a reconnaissance line of soil samples with disappointing results is the subject of this report.

LOCATION, TOPOGRAPHY AND ACCESS

The claim covers the lower part of the north slope of Mount Savona, 5km south of the community of Savona, the Trans Canada Highway and Kamloops Lake. The city of Kamloops lies 35km to the east.

UTM Co-ordinates 655000E, 5617000N N.T.S.: 92-I-10

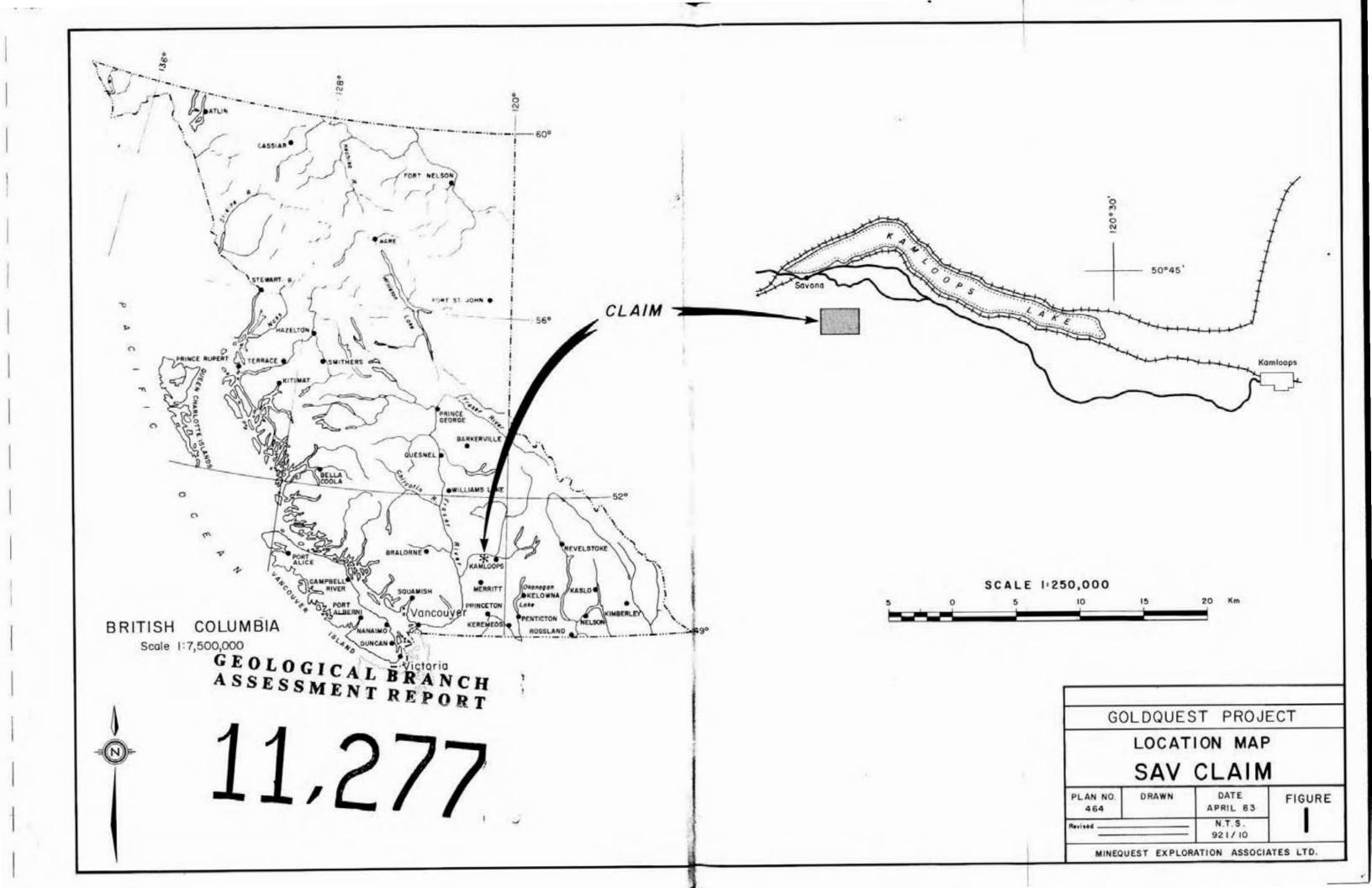
The claims can be reached by three kilometres of gravel road connecting with the Trans Canada Highway at Savona.

Topography ranges from open grassland between elevations of 2,000 and 2,500 feet a.s.l. to moderately thick pine forest up to 5,000 feet.

OWNERSHIP AND CLAIM STATUS

Claim Name Record No. Due Date
Sav 2 3978 April 1, 1983

The recorded owner of the above claim is MineQuest Exploration Associates Limited.



HISTORY AND PREVIOUS WORK

Although Mount Savona has been staked on previous occasions, presumably for metallic minerals, the only published information is of opal and agate from geode-bearing Tertiary lavas.

Some 10km to the south of the SAV claim mercury, antimony, silver and copper are reported in carbonate altered volcanic rocks at the Tunkua property.

Regional geology is described by Ewing (1981). Savona Mountain is formed of andesitic flows belonging to the Eocene Kamloops Group overlain by coarse conglomerates and breccias of the Mount Savona Group. The northern slopes are underlain by tuffs and ash flow tuffs of the same age. The entire sequence is cut by felsic intrusives.

5. WORK CARRIED OUT IN 198(2)

Work carried out in 1982 was limited to a single geochemical reconnaissance soil line and to a sequence of silt samples collected at close spacing in one stream.

5.1 Soil Samples

Two hundred soil samples were collected along a contour line at an elevation of approximately 2,850 feet. Where possible the samples were collected from the B horizon except in the vicinity of scree slopes where talus fines and C horizon material was all that could be obtained.

The samples were dried, sieved to -80 mesh and then used to form composites each of which represented ten samples. Each composite sample overlapped with two neighbouring composite samples so that each soil sample was introduced into two composite samples.

The samples were analysed for gold, silver, arsenic and antimony.

Gold: All composites for gold contained 15ppb gold or less.

Silver, Arsenic and Lead: Silver, Arsenic and Lead values were all at background levels.

5.2 Silt Sampling

Twenty silt samples were taken at 50m intervals on one of the streams draining Mount Savona. All are uniformly disappointing except for two, GQT-07 and GQT-08, which contain 35 and 80ppb gold respectively.

5.3 Personnel

The samples were collected by Les Allen, an experienced prospector and field man and B. Faires on March 20th and 21st. The writer who has visited the property but who was not present during the sampling program directed the project.

SOIL SAMPLES

SOIL SAMPLE NUMBERS, COMPOSITE SAMPLE NUMBERS
AND RESULTS

4			RESU	LTS	
SAMPLES INCLUDED IN COMPOSITE	SAMPLE NO.	Au ppb	Ag	As	Pb
GQT 026-035	GQT-C 1	5	0.2	2	10
031-040	2	10	0.2	nd	15
036-045	3	nd	nd	nd	20
041-050	4	4	0.2	2	15
046-055	5	10	0.2	2	15
051-060	6	15	0.2	4	20
056-065	7	5	0.2	nd	15
061-070	8	15	0.6	nd	15
066-075	9	5	nd	nd	15
071-080	10	15	0.2	2	15
076-085	11	10	0.2	nd	15
081-090	12	5	0.2	2	15
086-095	13	nd	nd	4	15
091-100	14	10	0.2	nd	15
096-105	15	5	nd	nd	15
101-110	16	5	0.4	nd	15
106-115	17	10	0.2	4	15
111-120	18	nd	0.6	2	15
116-125	19	nd	0.2	2	15
121-130	20	nd	0.2	nd	15
126-135	21	15	0.2	4	10
131-140	22	5	0.2	nd	10
136-145	23	5	0.2	nd	10
141-150	24	5	nd	nd	15
146-155	25	15	nd	nd	15
151-160	26	10	nd	2	10
156-165	27	10	0.2	4	15
161-170	28	5	0.2	2	15
166-175	29	5	nd	nd	15
171-180	30	nd	nd	nd	15
176-185	31	nd	nd	nd	15
181-190	32	15	0.2	nd	15
196-195	33	5	nd	nd	15
191-200	34	nd	0.2	2	15
196-205	35	10	nd	2	15
201-210	36	nd	0.2	nd	15
206-215	37	15	nd	nd	15
211-220	38	5	nd	2	15
216-225	GQT-C39	15	nd	nd	15

TABLE II

SILT SAMPLES

RESULTS

Sample No.	Au ppb	Ag ppm	As ppm	Sb ppm
GQ 01	nd	0.6	nd	nd
02	nd	0.4	2	nd
03	5	nd	nd	nd
04	5	nd	nd	nd
05	nd	0.4	2	nd
06	nd	0.2	2	nd
07	35	0.2	4	nd
08	80	0.2	2	nd
09	5	0.2	nd	nd
10	nd	0.2	2	nd
11	nd	nd	2	1
12	20	0.2	nd	nd
13	15	0.2	nd	nd
14	10	0.2	nd	nd
15	nd	0.2	2	nd
16	15	0.2	nd	nd
17	10	nd	2	nd
18	10	0.2	2	nd
19	10	0.2	2	nd
GQ 20	10	0.2	4	nd

DISCUSSION

Little encouragement can be gained from either the soil sample results or the silt sample results.

Samples GQT-07 and GQT-08 may require investigation if the opportunity permits.

BIBLIOGRAPHY

Ewing, T.E. 1981, Regional stratigraphy and structural setting of the Kamloops Group,
South-Central British Columbia
Canadian Journal of Earth Sciences, Volume
18, No. 9, Pages 1464 to 1477

MINFILE References

No. 92INE158 - Agate occurrences on Mount Savona

- GSC Paper 72-53, Pages 23-25

Western Homes and Living October 1961,
 Guide to B.C. Rocks and Gems

No. 92INE39 - Mercury, Antimony at Tunqula Lake

- EMR MRD Metals File MR-Hg-301

- GSC Map 8871 44-20A

- GSC Sum. Rpt. 1918B-20

- GSC Mem. 249-83, 85

- BCDM Bull. 5-57, 59

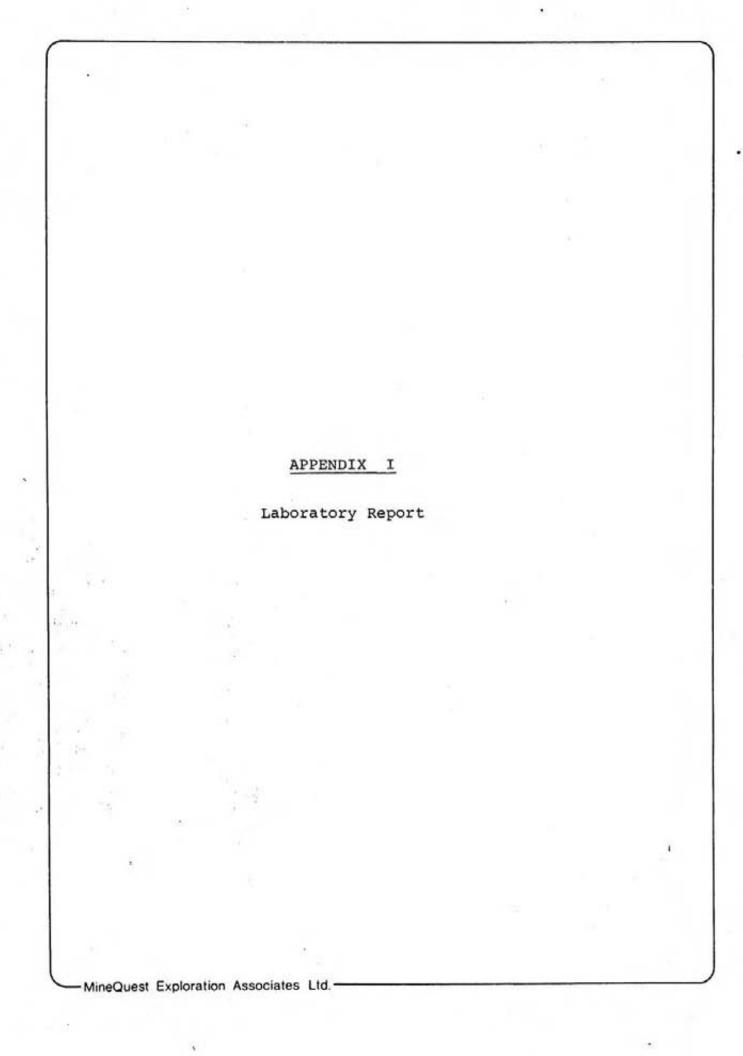
- BCDM MMAR 1899-738

1900-892

1901-1080

1902-192

1913-424





VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA V7P 2S3

TELEPHONE: 986-5211

AREA CODE: 604

Certificate of Geochemical Analyses

· Specialising in Trace Elements Analyses ·

-IN ACCOUNT WITH-

Minequest Exploration

311 Water St.

Vancouver, B.C. V6B 1B8

Attention:

Report No: 83-58-001

Page 1

Samples Arrived: March 31, 1983

Report Completed: April 12, 1983

For Project: GQ - SAV

Job No. 83-020

Invoice No. 7145 Analyst: XXXXXXX VGC Staff

Sample Marking	Au	Ag ppm	As	Sb		O COUNTRIO
GQ 01	, nd	0.6	ppm nd	nd	mili	
02	nd	0.4	2	nd	HITT	11-1:13:13:13
AND THE STREET, ON THE STREET,		and and	NE HARRIN	nd	THE RESERVE	CONTRACTOR OF CO
04	5	nd	nd	nd	- 0	APR 13 1983
05	nd	0.4	2	nd	IU.	
06	nd	0.2	2	nd	111.7	
07	35	0.2	4	nd	1411	الله الله
STATES ASSESSED TO STATES		MATERIAL PROPERTY.	35 30 TO 1822	and the	SPECIAL PROPERTY.	
09	5	0.2	nd	nd	A DOUBLE STORY OF THE PARTY OF	
10	nd	0.2	2	nd		
11	nd	nd	2	1		-
12	20	0.2	nd	nd		
		Maria Maria	na	THE PERSON NAMED IN	Esset (See	Charles and a consideration
14	10	0.2	nd	nd	THE REAL PROPERTY.	ATTENNESS OF THE PARTY OF THE P
15	nd	0.2	na 2	nd nd		
	15					
16 17	10	0.2	nd	nd nd		
	410	nd 0.2	2	nd		ten in the Santa Park in the
18	COMPANIES NO CONTROL	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN	The Part of the Late of the Part of the Pa	PULL BROWN AND THE RESIDENCE.	NAME OF STREET	CONTROL TO THE STATE OF
19	10 10	0.2	2	nd nd		
GQ 20	10 ,	0.2	-	-		
	NAME OF STREET	(SISSESSEE				
Control of the second			10 to 15 15 15 15 15 15 15 15 15 15 15 15 15	d in the disk		
		9				
		6 4 A				270 (5 747)
	ENVIOLES SINAS	NACTAR DE NO	CONTRACTOR SECTION AND ADDRESS OF THE PARTY	Marine Control	A THE WAY SEE	201000000000000000000000000000000000000

REMARKS:

opm = parts per million



VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA V7P 2S3

TELEPHONE: 986-5211 AREA CODE: 604

Certificate of Geochemical Analyses

· Specialising in Trace Elements Analyses ·

-IN ACCOUNT WITH-

Minquest Exoloration

Report No: 83-58-001

Samples Arrived:

Report Completed:

For Project:

Job No.

Analyst:

Invoice No.

•	٦	ĸ,	Ļ	e	•	1	u	u	1	,	,

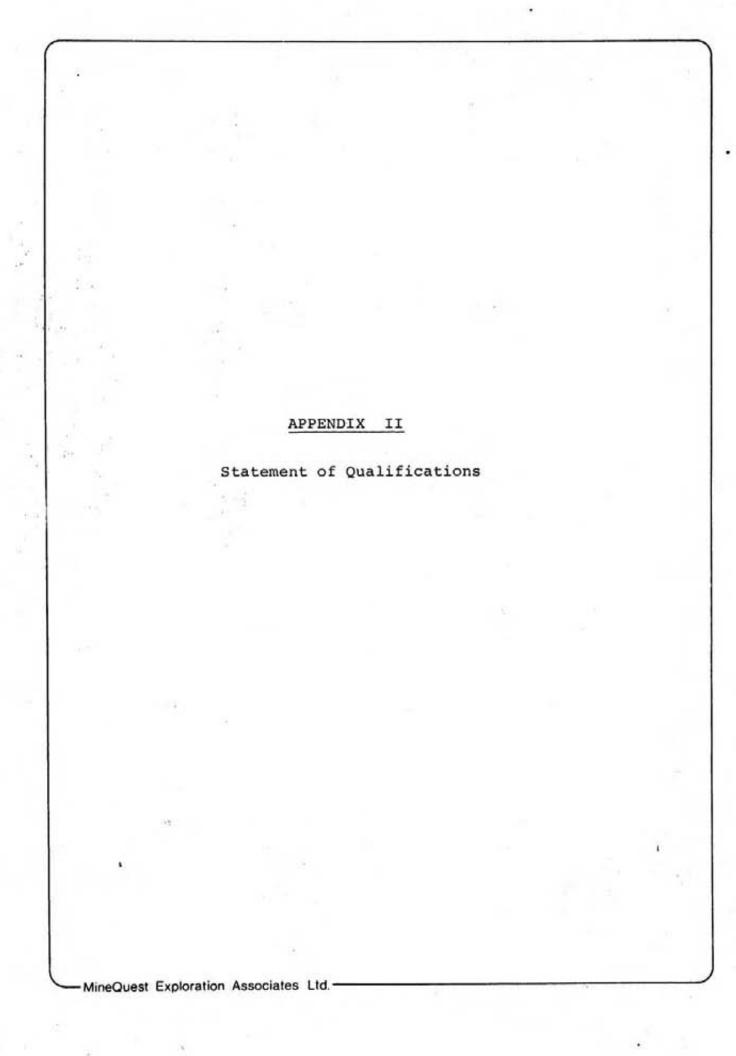
The second	Au	Ag	As	Pb	10)11		1111
Sample Marking	ppb	ppm	DDM	DDM	III	11_(11)	4111
GQT - C 1	5	0.2	2	10	101		1111
2	10	0.2	nd	15	la!	APR 1 3 1983	IIII
AL SHELF DIRECTOR OF THE STATE OF	STATE OF STREET	and the same of	7.576	ALCO AND	THE RESERVE	本事の対象を	
4	4	0.2	2	15	11111	History	7111
5	10	0.2	2	15	1:111	以 罗巴亚目11	.,111)
6	15	0.2	4	20			
7	. 5	0.2	nd	15			
经过了 的。如何是是可以		STATE OF THE STATE	nd	15			
9	5	nd	nd	15			
10	15	0.2	2	15			
11	10	0.2	nd	15			
12	5	0.2	2	15			
A Contract C		经验证证据		Mark Service	心地的心心		demands :
14	10	0.2	nd	15		A DECEMBER OF DESCRIPTION OF THE DESCRIPTION OF THE PERSON	
. 15	5	nd	nd	15			
16	5	0.4	nd	15	-		
17	10	0.2	4	15			
16	nd	0.8	17.5	1522			
19	nd	0.2	2	15			
20	nd	0.2	nd	15			
21	15	0.2	4	10			
22	5	0.2	nd	10	CONTRACTOR OF THE PARTY OF THE	SAME DATE OF THE PARTY OF THE PARTY.	wa remember
经基础的 医克尔特氏	A 34 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.2	nd	10		新疆,在1000000000000000000000000000000000000	
24	5	nd	nd	15		and the second s	
25	15	nd	nd	15			
.:26	10	nd	2	10			
27	10	0.2	4	15	NAME OF STREET	The second state of the se	UNITED THE STATE OF
28:0	5	0.2	2	15	A SEC.	A STATE OF THE STA	
29	5	nd	nd	15			
30	nd	nd	nd	15			
31	nd	nd	nd	15			
32	15	0.2	nd	15	CHECKER PROJECTION	NOW SHOW THE WARRANCE WAY	HARMOTHER
33	5.5	nd	nd	15	- bank wa	and the second second	1241
34	nd	0.2	2	15			
. 35	10	nd	2	15			-
36	nd	0.2	nd	15		T:	
37	15	nd	nd	15	PRINCIPLE DE L'ANTE	POR CONTRACTOR OF THE PROPERTY	OF SUTURNING
的现在分词是不是一个一个	图3 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图	nd	2	15	EL RIBOR	"一个"	79.40
GQT - C39	15,	nd	nd ,	15			

REMARKS:

Signed:

nd = none detected

ppm = parts per million



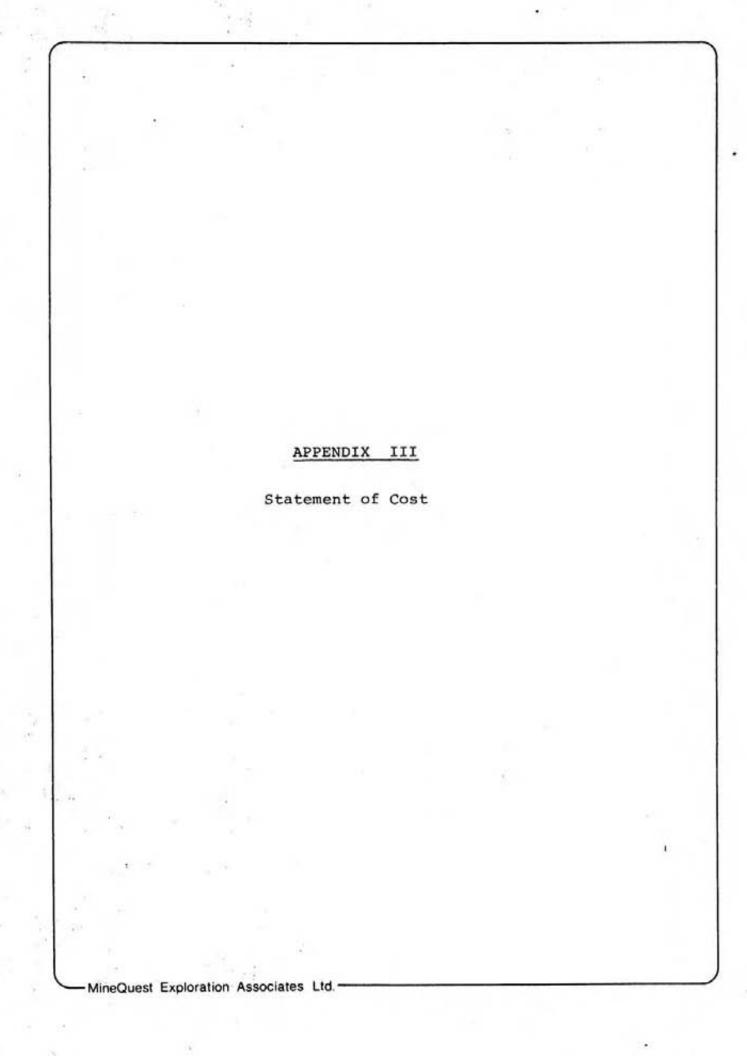
Statement of Qualifications

- I, R.V. Longe, hereby certify that:
- I am a consulting geologist with a business office at 311 Water Street, Vancouver, B.C. V6B 1B8.
- I am President of MineQuest Exploration Associates Ltd., a company performing geological consulting and contract exploration services for the mineral exploration industry.
- I am a graduate of Cambridge University,
 (B.A. Hons., 1961 Natural Sciences Tripos,
 Parts 1 & 2, Geology) and of McGill
 University (M.Sc. 1965).
- I am a Fellow of the Geological Association of Canada, and a member on the Canadian Institute of Mining and Metallurgy.
- I have practiced my profession as geologist for 16 years.
- The information, opinions and recommendations in the attached report are based on personal familiarity with the property and direction of the programme described in this report.

Signed

(R.V. Longe)

dated at Vancouver, B.C. this 29th Day of April, 1983



COST STATEMENT

SAV 2 CLAIM

FEES, SALARIES, WAGES (See Sched	lule I)		
MQ Personnel Temporary Staff	\$ 816.0 420.0		
TRAVEL, TRANSPORT			
Rental Vehicle MQ	50.	97 50.97	
RENTALS			
MQ Field Charges	30.	00 30.00	
MATERIAL AND SUPPLIES			
Groc., Kit., Sup., Camp		04	
Food, Accom., Field	128.	03 132.07	
ANALYSES			
Geochemical	777.	10 777.10	
DRAFTING, REPROGRAPHICS, REPORTIN	IG		
Drafting	147.	TO STATE OF	
Reprographics	91.	61 238.61	
MISCELLANEOUS			
Casual Staff	3.	75 \$ 2,468.50	

SCHEDULE I TO COST STATEMENT SAV 2 CLAIM

MQ Personnel

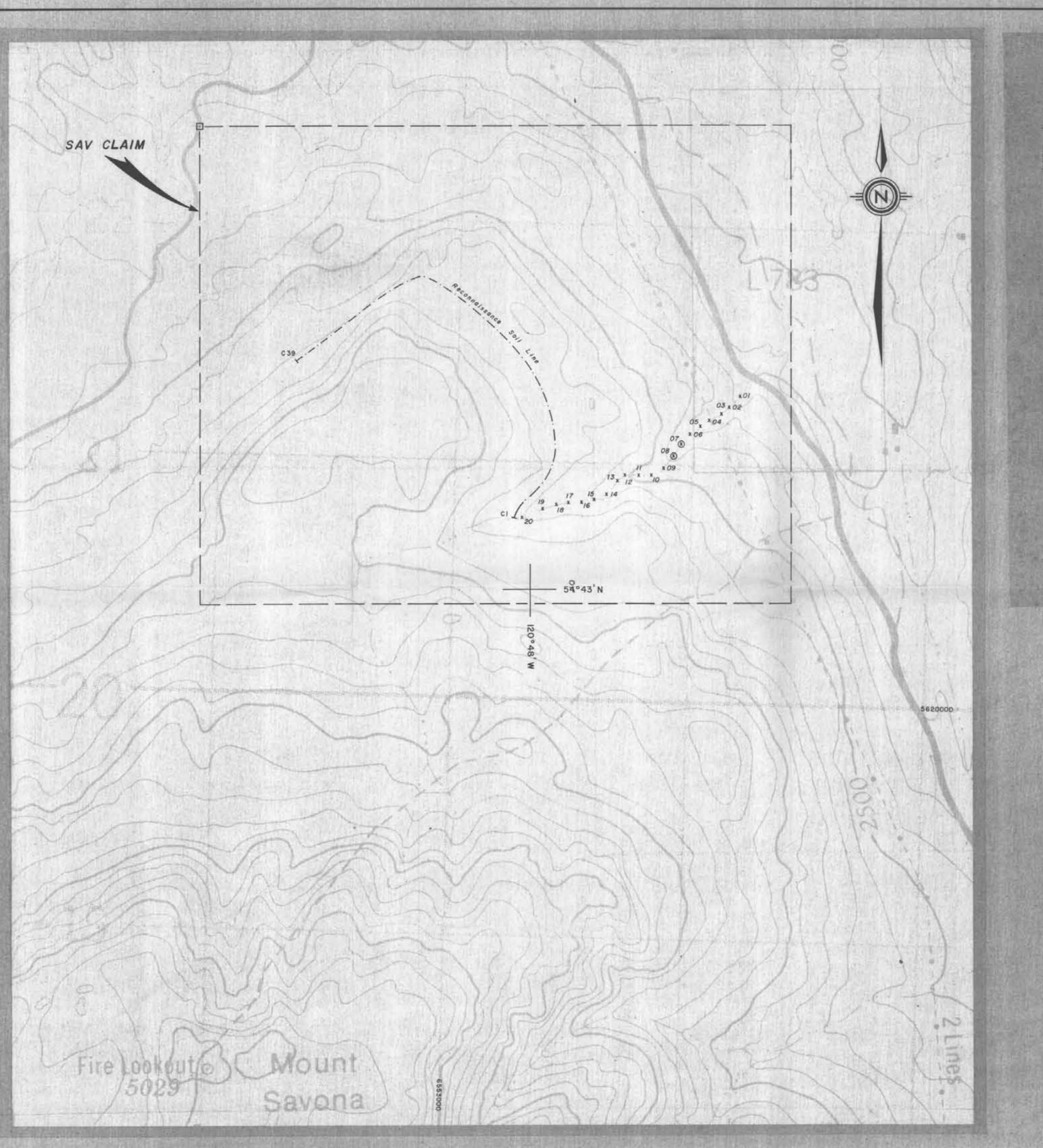
R.V. Longe - March 1983 - .92 Days at \$425.00 - April 1983 - 1.0 Days at \$425.00 1.92 Days at \$425.00

\$ 816.00

Temporary Staff

- March 1983 - 2.0 Days at \$125.00-\$250.00 - March 1983 - 2.0 Days at \$85.00-170.00 L. Allen B. Faires 420.00

\$1,236.00



SOIL SAMPLES

SOIL SAMPLE NUMBERS, COMPOSITE SAMPLE NUMBERS AND RESULTS

			RESULTS			
IN COMPOSITE	SAMPLE	Au	Ag	Ast	Pb	
	NO.	ppb	1111	PPIE	bba.	
00T 026-035	GOT-C I	5	0.2	2 (3)	10	
031-040	2	10	0,2	nd	15	
036-045	10 Vd 3	nd:	nd	nd	20	
641-050	Moll &	100	0.2	3.	15	
046+055	DUP B	10	0.2	12	1	
051-060	- C	15	0.2	HIA.	20	
056-065	- 7	11 18	0.2	nd	13	
061-070	8	15	0.6	nd	115	
065-073	9	138	nd	nd	19	
071=080	10	15	0.2	7	15	
979-085	11	100	0.2	nd -	15	
081-090	12	3	0.2	23	1数	
086-095	13	nd	nd	A.	15	
091-100	TAN TAN	10	0.2	nd	7 15	
096-105	15	5	nd	nd.	15	
101-110	10	5	0.4	nd.	15	
106-115	17	10	0.2	4	15	
111-120	18	100	0.6	2	15	
116-125	19	nd.	0.2	2	15	
121-130	20	ad	0.2	nd	15	
126-135	21	15	0.2	4	10	
131-140	22	CALLED IN	0.2	nd :	10	
136-145	23	1118	0.2	nd	100	
141-150	24	5	nd	nd	15	
146-155	25	15	444	nd	15	
151-160	26	10	nd	2	10	
156-165	-27	10	0.2	4	15	
161-170	28	17.5	0.2	2	15	
166-175	29	5	nd	nd	15	
171-180	30	md	nd	nd	15	
176-185	31	nd	nd	nd	15	
181-190	32	15	0.2	nd	15	
196-195	111111111111111111111111111111111111111	5	nd	nd	15	
191-200	Feb. 34 34	nd	0.2	2	15	
196-205	35	10	nd	2	15	
201-210	7 36	ud	0.2	ad	15	
206-215	37	15	nd	nd	15	
211-220	38	105	nd	2	15	
216-225	1201-039	195	nd	nd.	15	
THE RESERVE OF THE PARTY OF THE	THE REAL PROPERTY.				Post Contract	

SILT SAMPLES

RESULTS

ample No.	An pph	Ag	Ass. ppm	Sh ppm
60 01	nd	0.6	nd	nd
02	nd	0.4	5.61/2	tud
63	5	nd	ud	nd
04	5	nd	nd	nd
0.5	nd	0.4	2	nd
2 5 06 2 5	nd	0.2		nd
07	35	0.2	12/4	nd
0.8	80	0.2	2	nd
09	3	0.2	nd	nd
10	nd	0.2	20	nd
31	Da	nd	2	
\$2	28	0,2	nd	nd
13	15	0.2	nd	nd
15	TO	0.2	nd	nd
15	nd	0.2	2	nd
IN THE PARTY	15	0.2	bu	nd
	10	nd	2	nd
18	10	0.2	2	nd
19	10	0.2	2	nd
GQ 20	10	0.2	4	nd
A STATE OF THE PARTY OF				4月1年)

Claim Outline

Reconnaissance Soil Line

* ... Silt Samples

Somples with Anomalous Gold

GEOLOGICAL BRANCH ASSESSMENT REPORT

11,277

SCALE 1:10,000

100 0 200 400 800 800 Matres

GOLDQUEST PROJECT

SAV 2 CLAIM

SAMPLE LOCATIONS AND RESULTS

PLAN No. DRAWN DATE
466 APRIL 83

DATE FIGURE
APRIL 83
NTS.
921/10

MINEQUEST EXPLORATION ASSOCIATES LTD.