

83-527-11463

TITLE PAGE

This report covers assessment work performed on the Mitzi No. 3 Claim (20 units), located in the Boundary Creek area, north of Greenwood, British Columbia. The work comprises:  
Prospecting and Mapping  
Geochemical Survey

Location

Greenwood Mining Division  
N.T.S. M82E/2 East  
Latitude: 49°-10'-20"  
Longitude: 118°-41'-45"

Owner of Claim

SAGE RESOURCES LTD.,  
620 - 475 Howe Street,  
Vancouver, B.C. V6C 2B3

Operator

SAGE RESOURCES LTD.

Consultant

Douglas A. Perkins, B.Sc.

Authors

Douglas A. Perkins, B.Sc.  
A. J. Valley, B.A.Sc., P. Eng.

Date: October 26, 1983

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

11,463

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION .....	1
BRIEF ECONOMIC EVALUATION OF PROPERTY .....	2
INDEX MAP .....	3
SUMMARY OF WORK PERFORMED .....	4
DETAIL TECHNICAL DATA AND INTERPRETATION .....	5
VALUATION OF WORK .....	6
GEOCHEMICAL RESULTS (Geochemical Map No. 1) .....	7
STATEMENT OF QUALIFICATION - A. J. Valley .....	8
STATEMENT OF QUALIFICATION - Douglas A. Perkins .....	9
AFFIDAVIT SUPPORTING SUMMARY OF COSTS .....	10
ASSAY RESULTS By Chemex Lab. North Vancouver, B.C. ....	11

## INTRODUCTION

### General Geographical Position and Access

The Mitzi No. 3 Claim is situated on the east side of Boundary Creek, approximately 20 kilometers north of Greenwood, B.C., via a paved road for approximately 18 kilometers and 2 kilometers of gravel road, i.e., the Boundary Creek Road.

The southwest corner of the claim (Legal Corner Post) is located approximately 100 meters E.S.E. of the confluence of Windfall and Boundary Creeks, and 9 meters north of the gate on the Boundary Creek Road.

The topography is between rolling and rugged country. Elevation ranges between 2700 meters and 4000 meters on the claim area. The slopes are fairly well timbered and there is an estimated 15 to 20 percent exposure of outcrops.

### Property Definition

The property is defined as follows:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Date of Record</u>
MITZI NO. 3	20	3507	February 21/83

### History of the Property

The Claim is part of what was known as the Kimberley Camp in the Greenwood area, around the turn of the century. The Report of the Minister of Mines for British Columbia, 1896, reports that a great number of new claims were recorded in that year and the prospects of another flourishing camp was very good. In 1898, the Minister of Mines reported that "Big quartz leads and iron cappings, with ores carrying gold and silver" were discovered. By 1900, interest had waned in this area and nothing beyond assessment work was done in the Kimberley Camp.

In 1981/1982 with gold prices in the \$450 U.S. range, there was a revival of interest in the old mines around Greenwood. By 1983 most of the area around Midway and Greenwood had been staked.

The Mitzi No. 3 Claim was staked in February 1983, and assessment work was carried out in August 1983.

### Owner - Operator of the Property

The Owner/Operator of the Mitzi No. 3 Claim is Sage Resources Ltd., of Vancouver, B.C.

BRIEF ECONOMIC EVALUATION OF PROPERTY

The Claim is overlain with granitic rock in the northwest corner, probably the extension of the Nelson Intrusion. Along the west side of the claim, it is overlain with a sedimentary series of greenstone, paragneiss and greywacke. This series may also extend into the southeast corner of the claim, which was not confirmed. The remainder of the claim in the east and northeast portion, is overlain with volcanic rock, mainly trachyte and andesite of the Phoenix Group. In several places along the traverses, in the southeast portion of the claim, narrow quartz stringers, in andesite were observed. (See Prospecting Map in pocket)

A number of small mineralized showings (pyrite) were found along the East Fork of the Boundary Creek Road. These showings were all in sedimentary rock. (See Prospecting Map)

A small geochemical soil survey of 25 samples was taken around the best showing, along the above mentioned road, on Unit No. 6, in the north end of the claim. The survey covers 100 meters by 100 meters on 25 meter spacing. These samples were assayed for copper, silver and gold. The results are quite low and range as follows: Cu.-4 to 63 P.P.M., Ag: all 0.1 P.P.M., and Au: less than 10 P.P.B.

SAGE RESOURCES LTD. PROPERTY

MITZI NO. 3

Province of British Columbia  
Ministry of Energy, Mines and Petroleum Resources

REFERENCE  
Overseas Claim  
Revised C.G. Claim  
Referred Claim  
Verified Legal Corner Post  
Legal Survey  
Legal Corner Post & Tag Number

When verified or corrected, the true position of a claim on the Survey's Register and the true information, apply to the effect of this Mining Record.

1:50,000  
DATE OF MAPPING: 1970-01-27

EAST HALF

M 82E/2

GREENWOOD MINING DIVISION



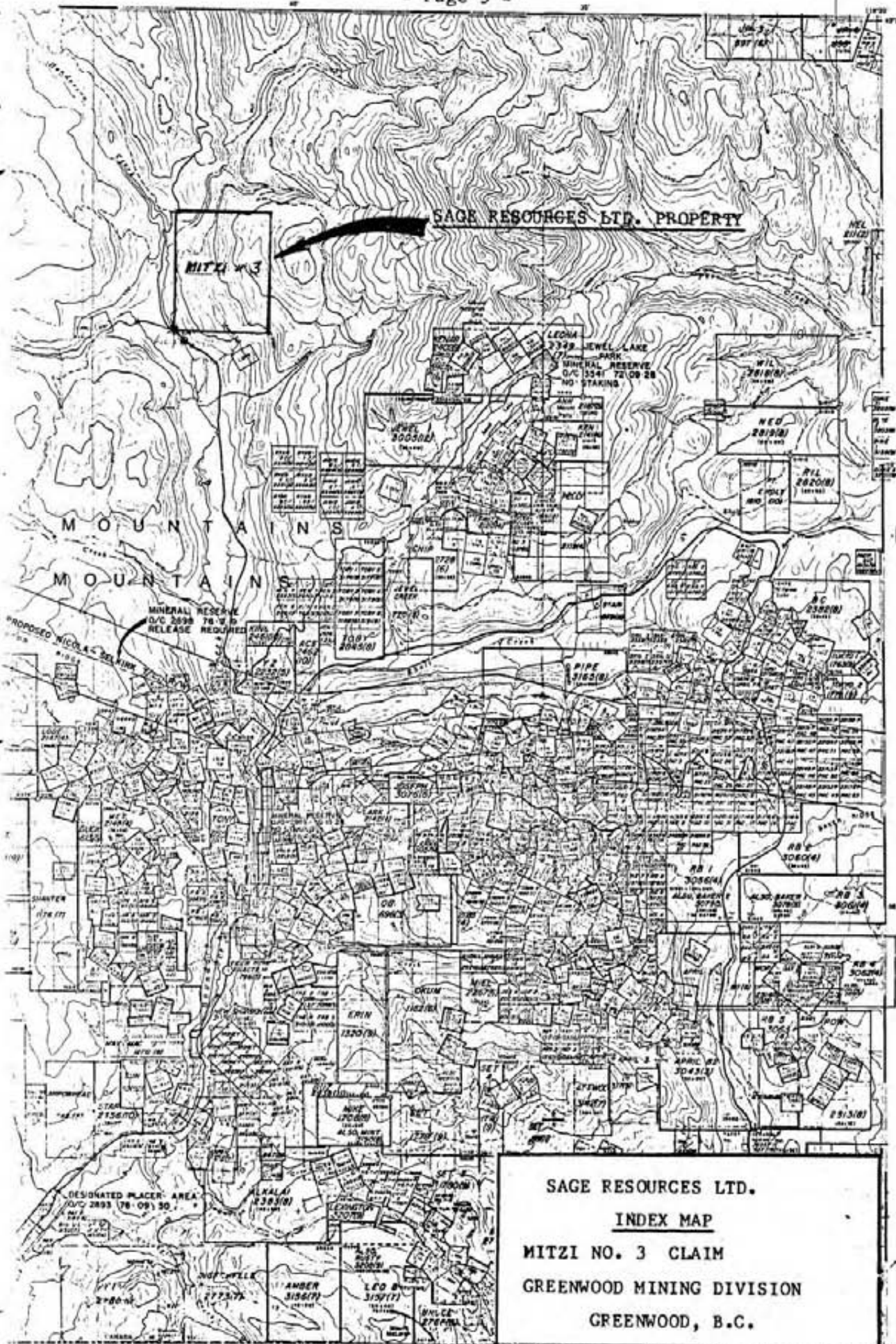
APPROXIMATE MEAN DECLINATION

CUSTOM INTERVAL 50 FEET

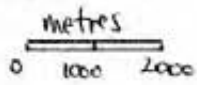
Scale: 1:50,000

Table with 3 columns and 3 rows of numbers, likely a grid or scale reference.

This map was compiled by the Survey and Mining Department of British Columbia and is based on data from the Survey of British Columbia.



SAGE RESOURCES LTD.  
INDEX MAP  
MITZI NO. 3 CLAIM  
GREENWOOD MINING DIVISION  
GREENWOOD, B.C.



INDEX MAP

MINERAL TITLES MAP 82E/2

SUMMARY OF WORK PERFORMED

Prospecting and Mapping

Eight man-days were spent prospecting, sampling and mapping the Claim.

Several traverses were made in a west-easterly direction and the location of outcropping was noted and sampled, however, only two rock samples showed sufficient mineralization (mainly pyrite) to warrant assaying. (See Prospecting Map)

Geochemical Soil Survey

Two man-days were spent doing a small geochemical soil survey, around the strongest mineralized showing on Unit No. 6. This survey covered 100 meters by 100 meters on 25 meter spacings. (See Prospecting Map for location) also see Geochemical Map for plotted assay results, page 7.

As the values for the three elements assayed were too low to be anomalous, no contouring was done, as these would be meaningless.

DETAIL TECHNICAL DATA AND INTERPRETATION

Purpose

To examine the property for mineral potential.

Results

Numerous rock samples were accumulated for close examination, however, only two of these contained sufficient mineralization to warrant assaying. One of these samples was taken off the east corner of the claim, at a road cut at the Boundary Creek Bridge. It was hoped that the mineralization would extend into the southwest corner of the claim. Prospecting in that corner did not reveal such mineralization.

The strongest mineralization was found on Unit 6. in the north portion of the claim. Results of both rock sample assay are:

	<u>% Cu</u>	<u>Ag - oz/ton</u>	<u>Au - oz/ton</u>
Sample No. 1 (Boundary Creek Bridge)	< 0.01	0.02	< 0.003
Sample No. 2 (At Geochem Grid)	< 0.01	0.01	< 0.003

The results of the geochemical soil samples is shown on page 7.

Interpretation and Conclusions

It is evident that the area had been well prospected around the turn of the century, by the Oldtimers, as indicated by the number of claims staked, and crown granted, and also by a number of shallow workings observed in the area. It is also evident that nothing of commercial value was found by these Oldtimers, at least on the surface, as all work came to an abrupt end in 1901, and very little interest was shown in this area after that time.

Our investigation was likewise disappointing and confirms that there is very little mineralization of any important, on the exposed geology of this claim.

VALUATION OF WORK

Prospecting and Mapping

August 10 - 13, 1983 inclusive:

8 man-days @ \$100/day -	\$ 800.00
Travel, lodging and meals	421.35

Geochemical Soil Survey

August 14, 1983:

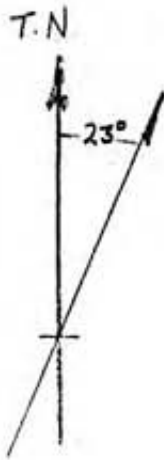
2 Man-days @ 100/day	200.00
Geochemical assays (By Chemex - North Vancouver)	210.00
Rock Sample assays (By Chemex - North Vancouver)	39.00
Geologist - 1 day	150.00

Preparation of Assessment Report

300.00

Total - \$ 2120.35



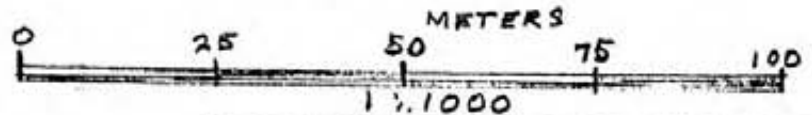
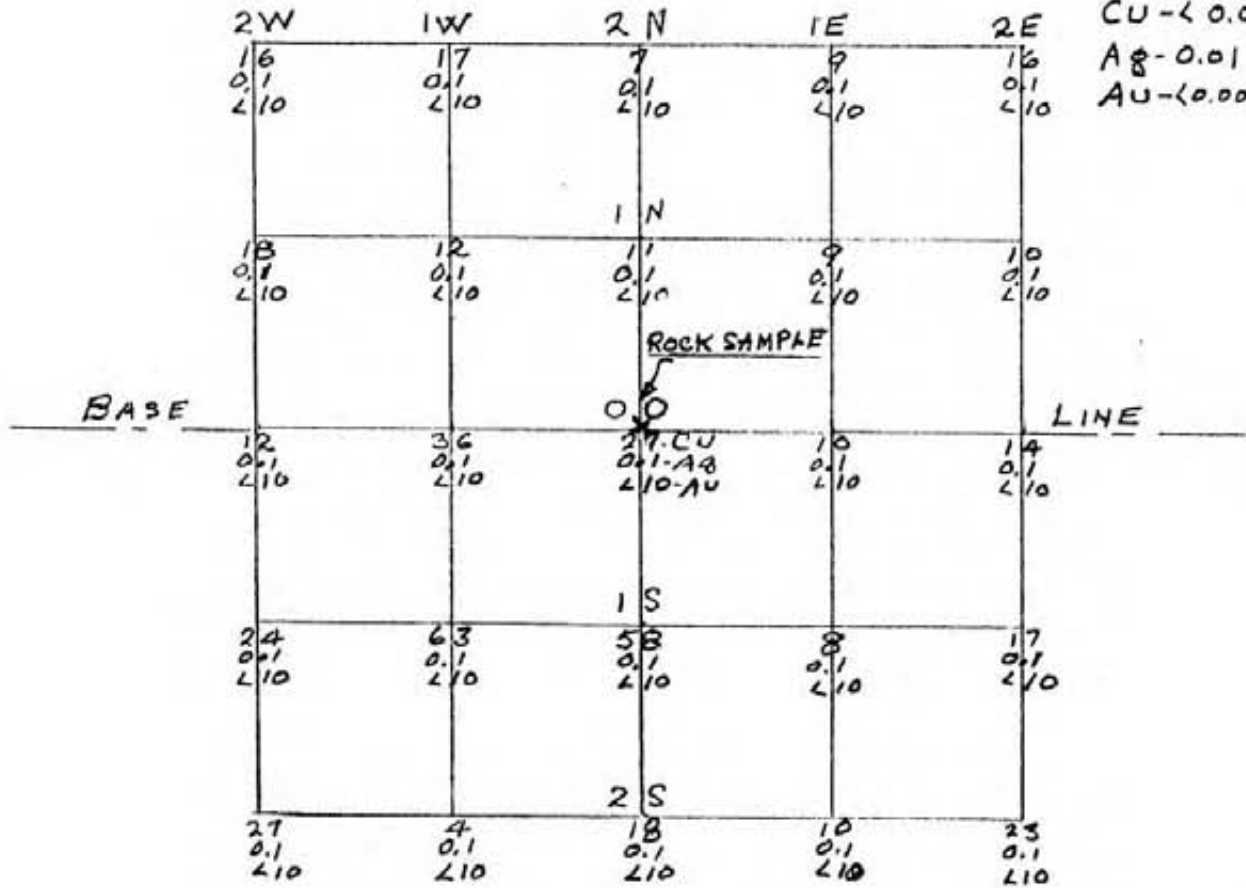


LEGEND:  
ORDER ELEMENTS  
SHOWN:

CU - P.P.M  
AG - P.P.M  
AU - P.P.B.

ROCK SAMPLE  
ANALYSIS:

CU - < 0.01 %  
AG - 0.01 OZ/TON  
AU - < 0.003 OZ/TON



LATITUDE: 49°-12'-30"  
LONGITUDE: 118°-41'-30"

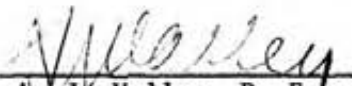
SAGE RESOURCES LTD. MITZI NO. 3 CLAIM GREENWOOD MINING DIV.	
GEOCHEMICAL MAP NO. 1	DRAWN BY: A.J.V. CHECKED BY: J.H.F. DATE: OCT 17/83

STATEMENT OF QUALIFICATION

I, Albert J. Valley, residing at 3265 Westmount Road, West Vancouver, British Columbia, hereby certify that:

1. I am a graduate in Chemical Engineering (B.A.Sc.), from the University of Toronto, 1951.
2. I am a Registered Professional Engineer in the Association of Professional Engineers of the Province of British Columbia - No. 2944.
3. I have been engaged in the Engineering Profession from 1951 until 1980, and was employed in the Petrochemical Industry in the United States for 5 years, and in the Chemical Industry in Canada, for 24 years.
4. I have taken the British Columbia and Yukon Chamber of Mines "Prospecting and Mining School" in 1968 and 1969.
5. I have taken the "Geophysical Methods in Prospecting" Course at the British Columbia Institute of Technology, in 1970.
6. I have been involved in the Mining Industry by prospecting, investing and association, for the past 25 years.

Dated at Vancouver, B.C., this 26th day of October 1983.

  
A. J. Valley, P. Eng.

STATEMENT OF QUALIFICATION

I, Douglas A. Perkins, geologist, with business address in Vancouver, British Columbia, and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia, in 1979 with a B.Sc. majoring in Geology.
2. From 1979 to the present, I have been actively engaged as a geologist in mineral exploration in British Columbia and the Yukon Territory.
3. I have acted as a consultant for SAGE RESOURCES LTD., on the Mitzi No. 3 Claim in the Greenwood area, and have reviewed the results of the Prospecting, and interpreted the results of the Geochemical Survey carried out.
4. I am a member of the Geological Association of Canada.

Dated this 26th day of October 1983, in Vancouver, B.C.

  
Douglas A. Perkins

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, Albert J. Valley, P.Eng., and Director of SAGE RESOURCES LTD., Vancouver, British Columbia, do hereby state that, to the best of my knowledge, the statement of costs in this report, is a true account of the expenditures incurred on the Mitzi No. 3 Claim.

Dated at Vancouver, British Columbia, this 26th Day of October 1983

  
Albert J. Valley



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1

TELEPHONE: (604) 984-0221  
TELEX: 043-52597

ANALYTICAL CHEMISTS

GEOCHEMISTS

REGISTERED ASSAYERS

\*\*\* INVOICE \*\*\*

To : SAGE RESOURCES LTD.

\*\* Invoice # : I8313817

620-475 HOWE STREET  
VANCOUVER, B.C.  
V6C 2B3

*Yuen*

Date : 22-AUG-83  
P.C. # : NUN  
Project MITZI #3

Invoice for analytical work reported on certificate(s) A8313817-001

Quantity	Analysed for code description	unit price	amount
25	002 - Cu ppm		
	006 - Ag ppm		
	017 - AU-AA ppb	7.80	195.00

Sample preparation and other charges :

25	201 - soil + sediment -80 mesh	0.60	15.00
----	--------------------------------	------	-------

TOTAL \$ 210.00

Please pay this amount ----> \$ 210.00

TERMS -- NET 30 DAYS

1.5 % per month (18 % per annum) charged on overdue accounts

*Paid Sept 8/83*



MEMBER  
CANADIAN TESTING  
ASSOCIATION



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1

TELEPHONE: (604) 984-0221  
TELEX: 043-52597

ANALYTICAL CHEMISTS

GEOCHEMISTS

REGISTERED ASSAYERS

\*\*\* INVOICE \*\*\*

To : SAGE RESOURCES LTD.

620-475 HOWE STREET  
VANCOUVER, B.C.  
V6C 2R3

*Greenwood*

Invoice # : 18313816

Date : 25-AUG-83  
P.C. # : NONE  
Project MITZI #3

Invoice for analytical work reported on certificate(s) A8313816-0C1

Quantity	Analysed for code description	unit price	amount
2	3C1 - Cu %		
	323 - Ag FA oz/T		
	396 - Au FA oz/T	15.75	31.50
Sample preparation and other charges :			
2	207 - Assay - PULVERIZE	3.75	7.50

TOTAL \$ 39.00

Please pay this amount ----> \$ 39.00

TERMS -- NET 30 DAYS

1.5 % per month (13 % per annum) charged on overdue accounts

*Paid  
28/8/83*



MEMBER  
CANADIAN TESTING  
ASSOCIATION



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NORTH VANCOUVER, B.C.  
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TELEX: 043-52597

ANALYTICAL CHEMISTS

GEOCHEMISTS

REGISTERED ASSAYERS

## CERTIFICATE OF ASSAY

TO : SAGE RESOURCES LTD.

620-475 HOWE STREET  
VANCOUVER, B.C.  
V6C 2B3

*Handwritten signature*

CERT. # : A8313816-001-  
INVOICE # : 18313816  
DATE : 25-AUG-83  
P.C. # : NCNE  
MITZI #3

	Sample description	Prep code	Cu %	Ag FA oz/T	Au FA oz/T			
# 1	BOUNDARY BRIDGE	207	<0.01	0.02	<0.003	--	--	--
# 2	BOUNDARY SHOWING	207	<0.01	0.01	<0.003	--	--	--



*Registered Assayer Signature*  
.....  
Registered Assayer, Province of British Columbia



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1

ANALYTICAL CHEMISTS

GEOCHEMISTS

REGISTERED ASSAYERS

TELEPHONE: (604) 984-0221  
TELEX: 043-52597

## CERTIFICATE OF ANALYSIS

TO : SAGE RESOURCES LTD.

620-475 HOWE STREET  
VANCOUVER, B.C.  
V6C 2B3

*M. Greenwood*

\*\* CERT. # : A8313817-001  
INVOICE # : I8313817  
DATE : 22-AUG-83  
P.O. # : NONE  
MITZI #3

Sample description	Prep code	Cu ppm	Ag ppm	AU-AA ppb			
SAGE 2S-2W	201	27	0.1	<10	--	--	--
0-0	201	27	0.1	<10	--	--	--
0-1W	201	36	0.1	<10	--	--	--
0-2W	201	12	0.1	<10	--	--	--
0N-1E	201	10	0.1	<10	--	--	--
0N-2E	201	14	0.1	<10	--	--	--
1S-0E	201	58	0.1	<10	--	--	--
1S-1E	201	8	0.1	<10	--	--	--
1S-2E	201	17	0.1	<10	--	--	--
1S-1W	201	63	0.1	<10	--	--	--
1S-2W	201	24	0.1	<10	--	--	--
1N-0E	201	11	0.1	<10	--	--	--
1N-1E	201	9	0.1	<10	--	--	--
1N-2E	201	10	0.1	<10	--	--	--
1N-1W	201	12	0.1	<10	--	--	--
1N-2W	201	18	0.1	<10	--	--	--
2S-0E	201	18	0.1	<10	--	--	--
2S-1E	201	10	0.1	<10	--	--	--
2S-2E	201	23	0.1	<10	--	--	--
2S-1W	201	4	0.1	<10	--	--	--
2N-0E	201	7	0.1	<10	--	--	--
2N-1E	201	9	0.1	<10	--	--	--
2N-2E	201	16	0.1	<10	--	--	--
2N-1W	201	17	0.1	<10	--	--	--
2N-2W	201	16	0.1	<10	--	--	--



Certified by *Hart Bichler*