

83-585 - 11507

9/84

1983 Geochemical and Geological Surveys  
Assessment Report

TITLE Kasalka Property  
CLAIM Price (20 units)  
COMMODITY Ag  
LOCATED 125 Km south of Smithers and 6 km northwest of  
Troitsa Lake in Kasalka Range, west central  
British Columbia.  
Latitude 53<sup>o</sup> 36'N, Longitude 127<sup>o</sup> 22' W  
Omineca Mining Division 93E/11W  
BY Nigel G. Cawthorn  
FOR Canamax Resources Inc.  
WORK PERIOD July 9 - August 4, 1983

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,507**

CANAMAX VANCOUVER OFFICE

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## SUMMARY

This assessment report presents results of geochemical sampling and geological mapping on the Kasalka property (Price Claim), conducted during the period July 9 - August 4, 1983. The property is located in the Kasalka Range, immediately east of the Coast Range Mountains and 125 km south of Smithers in central British Columbia.

The property is underlain largely by andesite flows and heterolithic volcanic breccias of the Kasalka Group of Cretaceous age. Interest is focussed on rusty pyrite-pyrrhotite-bearing fractures within the volcanics exposed over a distance of 300 m down a centrally located southeastward draining gully, and in particular on one 2 m by 0.5 m massive sulphide replacement pod in the same area, assays from which have returned up to 26.4 oz/ton Ag, 0.72 oz/ton Au.

Some 212 soil samples were collected systematically on grid lines on either side of the massive sulphide pod to test for possible lateral extensions. Three weak Pb-Zn-Ag soil anomalies of very limited extent were recorded on the grid area. Silt sampling of gullies on the property revealed weak Pb-Zn-Ag anomalies in gullies draining known mineralization.

Widespread, weak replacement and fracture filling mineralization encountered in the centrally located gully is interpreted as a distal halo above a subjacent, unexposed intrusive stock.

## INTRODUCTION

### General Statement

This report presents results of geochemical sampling and geological mapping on the Price claim conducted over the period July 9 to August 4, 1983. A total of 212 soil samples, 16 stream sediment samples and 19 rock chips were collected on the claim. Geological mapping was conducted at a scale of 1:5,000 using a fairdrawn topographic basemap with a 10 m contour interval, prepared by Pacific Surveys of Vancouver from existing air photographs. The work was supervised by N.G. Cawthorn.

This work is being applied as three years assessment on the Price Claim.

### Location, Access, Topography

The Price claim is located in the Kasalka Range some 125 km south of Smithers in central British Columbia.

Access is by helicopter from Smithers or Houston, B.C.

The claim covers a steep easterly facing mountain slope west of Mt. Baptiste. Elevations range from 1978 m on the ridge crest down to 1160 m in the valley of an unnamed northerly-flowing creek on the eastern margin of the property.

### Claim Data

Price claim (20 units)

Record No. 4751

Date of Record: September 7, 1982

Expiry Date (After application of work detailed in this report): September 7/86

Mining Division: Omineca.

### Property History

The property was staked on behalf of Union Carbide Canada Limited in late 1982. Title was subsequently transferred to Canamax Resources Inc. in spring of 1983.

There is no record of previous work on the claim area.

CANAMAX RESOURCES INC.

# KASALKA PROPERTY PRICE CLAIM

OMINEGA MINING DIVISION - BRITISH COLUMBIA

## LOCATION MAP

SCALE  200 0 200 KILOMETRES  
100 0 100 MILES

N. T. S. Ref. 93 E II

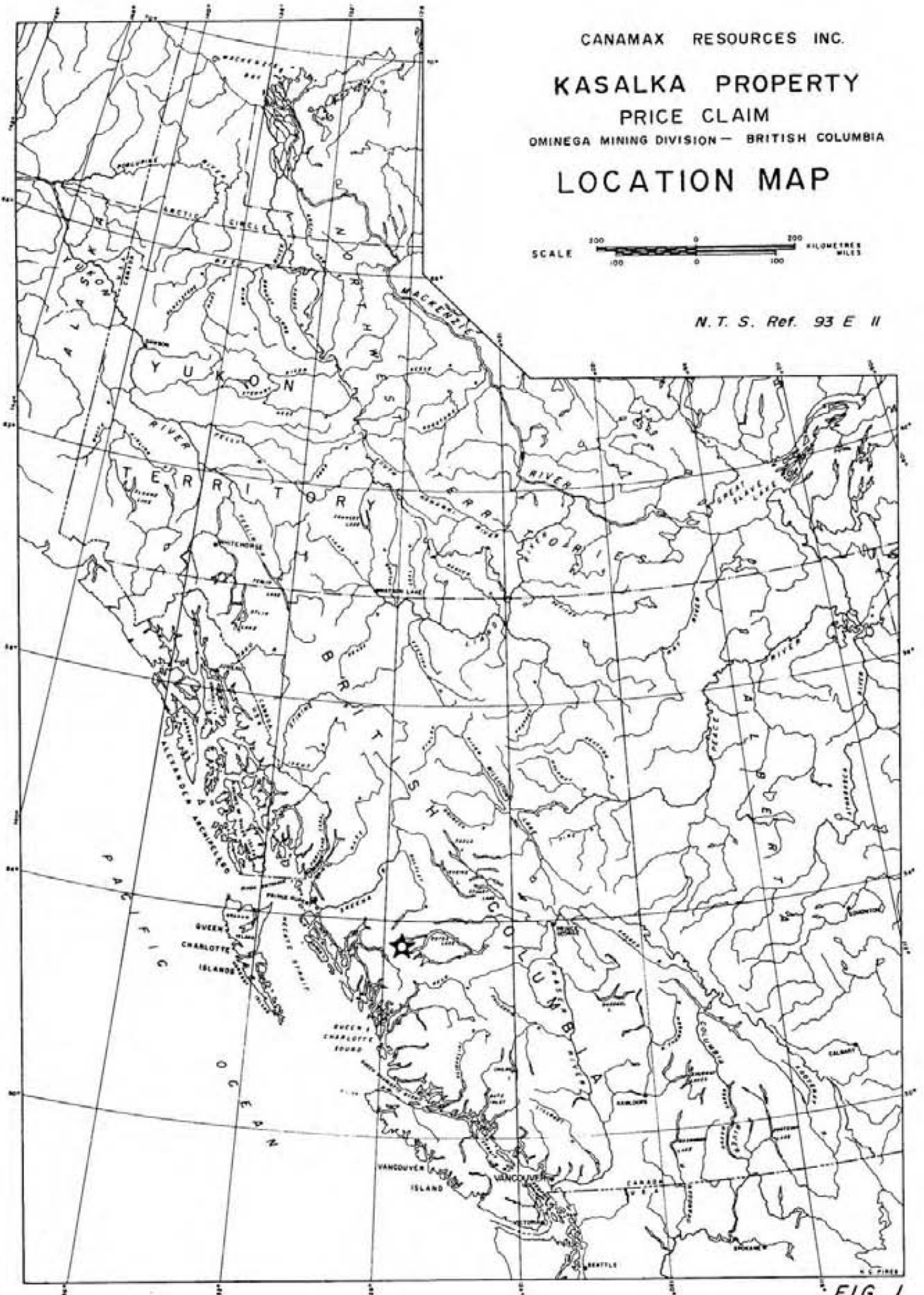
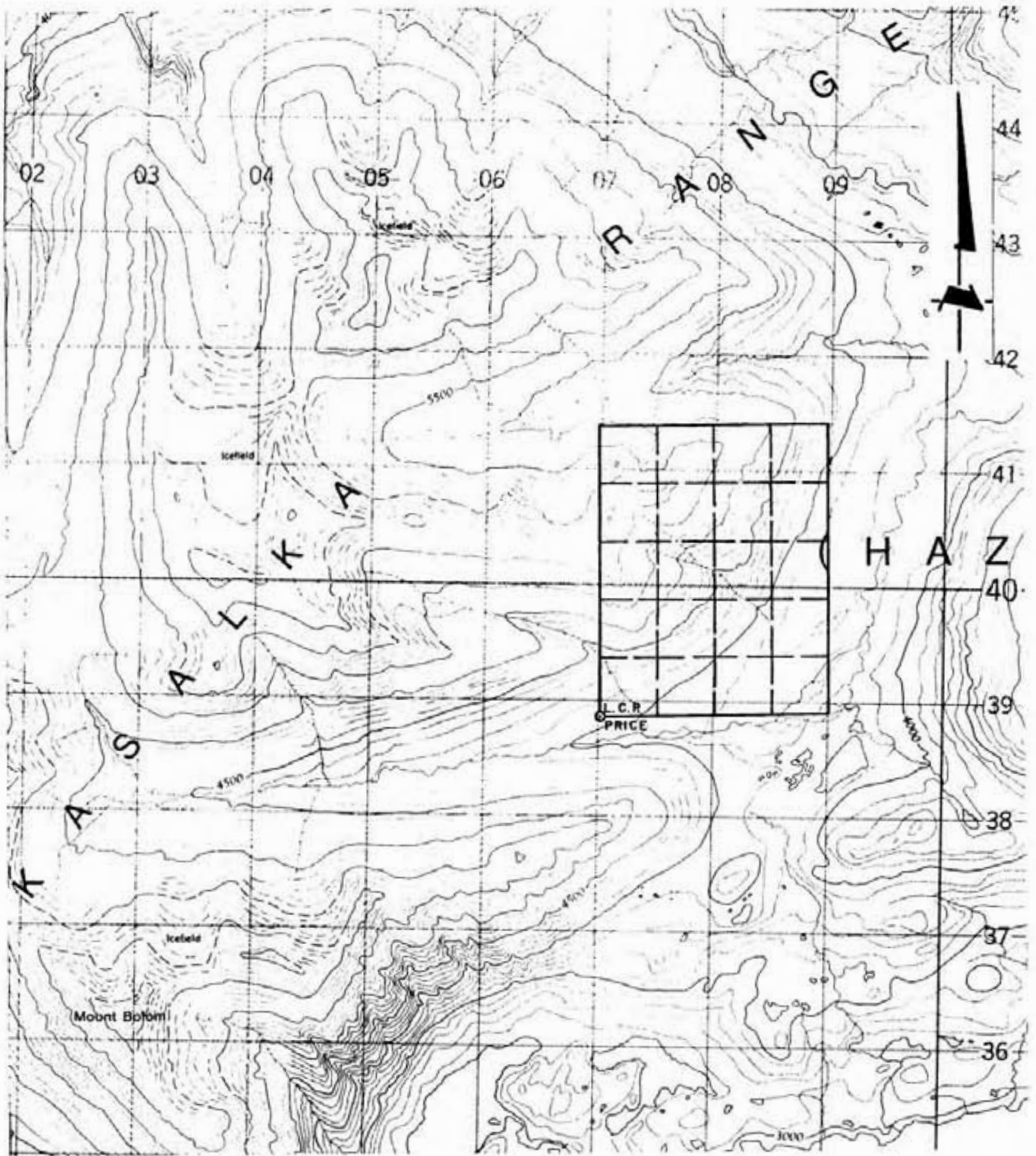
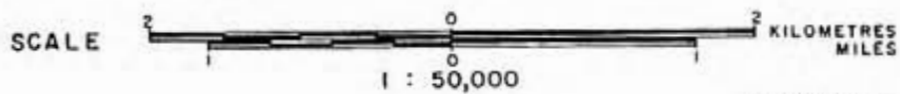


FIG. 1



CANAMAX RESOURCES INC.  
 KASALKA PROPERTY  
 PRICE CLAIM  
 OMEGA MINING DIVISION — BRITISH COLUMBIA

**CLAIM MAP**



Vancouver —

N. T. S. Ref. 93 E 11

FIG. 2

## GEOLOGY

### Regional Setting

The property lies immediately east of the Coast Range intrusive complex. Volcanic and sedimentary strata in the Kasalka and Whitesail Ranges east of the Coast Range complex consist of three main units: Hazelton Group marine volcanic - sedimentary strata of Jurassic age; Skeena Group shallow marine and fluvial sedimentary strata of Cretaceous age; and Kasalka Group continental volcanic strata of late Cretaceous age.

Intrusive into these strata are stocks of granodiorite and diorite composition of late Cretaceous age to the east of the property on neighbouring Mt. Baptiste and near Swing Peak. The Mt. Bolom granitic stock of early Tertiary age borders the claims to the west. This stock is within, and a late intrusive phase of, the Coast Range complex which consists additionally of gneisses derived from Paleozoic and Mesozoic strata and granodiorite and quartz diorite of Mesozoic and Cenozoic age.

### Property Geology

The property has been mapped at a scale of 1:5,000 (Figure 3). There is good exposure on the property above tree line (at approximately 1450 m elevation), particularly on the ridges, although much of the southeast facing slope is talus-covered. Outcrop below tree line is mainly restricted to creek valleys. There is little or no exposure on the lower slopes below approximately 1300 m elevation or in the broad valley which occupies the southeastern part of the claim.

The oldest strata exposed on the claim, sediments of the Cretaceous age Skeena Group, are found in creek valleys below approximately 1350 m elevation, in the southeastern part of the mapped area. These consist of grey-green sandstone with intercalated siltstone. The strata contain patchy disseminated pyrite (up to 2%) and are distinctively rusty weathering.

The central part of the mapped area is underlain by volcanic strata of the Cretaceous age Kasalka Group. These are composed predominantly of light grey-green coloured andesitic flows, locally vesicular and locally feldspar and/or

hornblende porphyritic. Also occurring in this sequence are andesitic lapilli tuffs and coarse heterolithic volcanic breccias. The strata trend generally northerly or northeasterly and dip at moderate angles to the west.

The volcanic strata are intruded by a light coloured feldspar porphyritic granite - apparently the eastern extremity of the Mt. Bolom stock. This forms much of the ridges and cliffs in the western part of the claim. Minor feldspar porphyry dykes of similar composition also cut the Kasalka volcanics. A small diorite plug intrudes the volcanics near the centre of the claim.

#### Mineralization

Small zones of sulphide mineralization occur within the Kasalka volcanics. These consist predominantly of pyrite and pyrrhotite disseminations localized on fractures in the volcanics. Small pods of massive pyrite and pyrrhotite occur within and adjacent to the fractures. These pods locally contain additionally chalcopyrite and sphalerite with minor galena and arsenopyrite. The disseminated pyrite and pyrrhotite zones are up to 15 m long and 5 m wide, while the pods of massive sulphides located to date measure up to 2 m long by 0.5 m wide. There appears to be no consistent orientation to the attitudes of the mineralized zones or the controlling fractures. The main sulphide pod contains precious metal values up to 26.4 oz/ton Ag, 0.72 oz/ton Au.



## GEOCHEMISTRY

### General Statement

Some 212 soil samples were collected at 25 m intervals on six parallel southeasterly-trending lines 50 and 100 m apart to test for possible lateral extension of a massive sulphide pod located on the south side of a southeasterly flowing unnamed creek at elev. 1435 m (rock chip samples 83WG 232-234). Soils were collected using a mattock from a depth of 20 cm. No noticeable soil profile was present above tree line at about elevation 1450 m. Below this elevation, organic matter overlies a 10 cm thick leached (AE) horizon which in turn overlies an orange-brown iron enriched (BF) horizon. Samples below tree-line were all collected from the BF horizon.

Ten stream sediment samples were collected from wide spaced southeasterly draining gullies on the property.

Eighteen rock chip samples were collected from various sulphide-bearing zones over the claim. These are designed by the letter "T" where a 0.5 kg sample was collected for geochemical analysis, and by the letter "A" where a 2 - 5 kg sample was collected in more rigorous fashion for assay sampling. Rock chip samples are described in Appendix IV, together with results.

All samples were submitted to Rossbacher Laboratory, Burnaby, B.C. for Ag, Au, Pb, Zn, Cu and Mo analyses. Analytical procedures and results are detailed in Appendix III. Sample locations with result for Pb Zn, Ag, are shown on Figure 4.

### Results and Interpretations

Statistical evaluation of soil data reveals the following background (mean) and anomalous threshold (mean + 2 standard deviations) values for the various elements. Peak values for each element are also listed.

	Mo	Cu	Ag	Zn	Pb	Au
background	2 ppm	24 ppm	0.35 ppm	83 ppm	19 ppm	10 ppm
threshold	5.5	66	1	164	37	>10
peak value	10	226	2.8	282	88	230

Three weak soil anomalies are indicated (Figure 4). Anomaly 1 is a weak Pb-Zn anomaly over an area of 200 x 100 metres near the top end of Lines 3-6. Anomaly 2 is a weak Ag ( $\pm$  Cu, Zn) anomaly over an area of 200 x 500 metres near the top of Lines 2 and 3. Anomaly 3 is a weak Ag-Zn-Mo anomaly which extends over an area of 100 x 100 metres lower down on Lines 5 and 6. All three anomalies are probably caused by minor sulphide mineralization in bedrock in these areas.

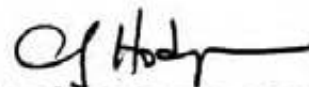
A single sample Au anomaly of 230 ppb was recorded in sample 83WLS793 near the top of Line 1.

Sixteen stream sediment samples were collected from steep gullies on the property. The three highest samples were 112 ppm Pb, 740 ppm Zn, 0.8 ppm Ag in sample 83WL528 located immediately southwest of the sample grid; 62 ppm Pb, 188 ppm Zn in sample 83WS373 from the central gully draining known mineralization on the property; and 64 ppm Pb, 176 ppm Zn in sample 83WL522 from a short gully at the western property boundary.

Of the nineteen rock chips collected from various sulphide-bearing exposures over the property, five samples report highly anomalous amounts of Pb, Zn, Cu, Mo, Ag and Au, all located in the central gully over a distance of 300 m. The reader is referred to Appendix IV for description and analytical results of specific samples. The widespread presence of iron and base metal sulphides in the central gully is interpreted as a weak, distal mineralized halo above a subjacent, unexposed intrusive stock.



Nigel G. Cawthorn



Endorsed by

C. J. Hodgson, P. Eng.

## APPENDIX I

PRICE CLAIMSTATEMENT OF COSTS

<u>Summary of Work</u>	- Geological Mapping Geochem Survey - Topographic Mapping	
<u>Period of Work</u>	- July 9,20,30 August 4	
<u>Personnel</u>		
B.E. Goad	- Staff Geologist - 601, 535 Thurlow St. Vancouver, B.C.	
	1 day @ \$145.46/day	\$ 145.46
N.G. Cawthorn	- Geologist - 9627 - 154th Street Surrey, B.C.	
	4 days @ \$124.27/day	\$ 497.08
A. Smallwood	- Assistant - 1754 Frances Street Vancouver, B.C.	
	1 day @ \$97.64/day	\$ 97.64
C. Poloni	- Assistant - 5502 8B Avenue Delta, B.C.	
	2 days @ \$68.04/day	\$ 136.08
A. Neill	- Soil Sampler - 45789 Victoria St.W. Chilliwack, B.C.	
	1 day @ \$72.98/day	\$ 72.98
<u>Board</u>		
	9 man days @ \$30/day	\$ 270.00
<u>Geochem Analyses</u>		
	245 samples analysed for Au, Ag, Pb, Zn, Cu & Mo Rossbacher Laboratory 2225 Springer Avenue - Invoice #	\$1,935.00
<u>Transportation</u>		
	Helicopter Access - 2.7 hrs. @ \$375/hr + \$80/hr Fuel Canwest Aviation Ltd. - Okotoks, Alberta Invoices # 3624, 3657 3682	\$1,228.50
<u>Topographic Map Preparation</u>		
	Pacific Survey Corp. Vancouver, Invoice # 1236	\$ 900.00
<u>Report Preparation &amp; Drafting</u>		
	3 year price	<u>\$ 200.00</u>
	TOTAL	\$5,482.74

*of Hodgson*

## APPENDIX II

### STATEMENT OF QUALIFICATION OF AUTHOR

Nigel G. Cawthorn . Graduated from Aberdeen University, Aberdeen, Scotland with B.Sc. Degree (Honors) in Geology in June, 1970. Graduated from the University of British Columbia, Vancouver, B.C. with M.Sc. Degree in Geology in September 1973.

#### Experience:

- |           |   |
|-----------|---|
| 1973-1975 | Resident Geologist, Canada Tungsten Mining Corporation, Tungsten, N.W.T. Duties included exploration within the mine area, drill supervision, geological mapping, grade control, and other duties of mine geologist in operating tungsten mine.   |
| 1975-1978 | Project Geologist, Union Carbide Exploration Corporation, Brazil. Duties included geological mapping and supervising geochemical, geophysical, and drilling programs related primarily to tungsten exploration in northeastern Brazil.  |
| 1978-1981 | Project Geologist, Union Carbide Exploration Corporation, United Kingdom. Duties included geological mapping and carrying out geochemical and geophysical reconnaissance programs related primarily to tungsten exploration in southwest England and other areas of the United Kingdom. |
| 1981-1982 | Project Geologist, Union Carbide Exploration Corporation, Canada. Duties include carrying out geological and geochemical programs in British Columbia and other areas.  |
| 1983      | Contract geologist with Canamax Resources Inc.  |

APPENDIX III

Analytical Methods, Results

Certificates of Analysis - Rossbacher Laboratory (attached)

# Kossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST  
VANCOUVER, B.C.

CANADA  
TELEPHONE: 299-8810

CERTIFICATE NO. 83305-16

INVOICE NO.

DATE ANALYSED

PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au					No.
24	83 WAS 185		1	16	0.2	104	20	10					24
25	86		1	16	0.4	110	30	10					25
26	87		1	33	0.2	150	350	10					26
27	88		1	40	0.2	72	52	10					27
28	89		1	75	0.2	188	88	10					28
29	90		1	50	0.2	114	35	10					29
30	83 WAS 191		1	18	0.2	44	20	10					30
31	92		2	20	0.2	74	16	10					31
32	93		1	12	0.2	54	8	10					32
33	94		1	14	0.2	78	10	10					33
34	95		2	14	0.2	50	12	10					34
35	96		1	30	0.2	70	12	10					35
36	97		1	75	0.6	64	20	10					36
37	98		2	14	0.4	58	16	10					37
38	99		3	16	0.4	94	22	10					38
39	83 WAS 208		4	22	1.0	280	20	10					39
40	STD C		14	142	0.6	120	50	-					40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by \_\_\_\_\_

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC  
601 - 535 THURLOW STREET  
VANCOUVER, B.C.

TELEPHONE: 299-8810

CERTIFICATE NO. 83261/8/1/25

INVOICE NO.

DATE ANALYSED

PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au					No.
19	83 WAS 247		1	18	0.2	52	14	10					19
20	STD B		29	11	156	76							20
21	83 WAS 248		1	16	0.2	76	16	10					21
22	49		1	16	0.2	104	16	10					22
23	83 WAS 250		5	18	0.2	96	16	10					23
24													24
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Certified by \_\_\_\_\_

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2725 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8810

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

CERTIFICATE NO. 83305-17

INVOICE NO.

DATE ANALYSED 83/08/24

PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au					No.
01	83 WAS 201		6	20	0.2	224	18	10					01
02	02		5	16	0.4	96	18	10					02
03	03		6	38	0.6	108	24	10					03
04	04		3	14	1.2	62	18	10					04
05	05		5	14	0.4	98	18	10					05
06	06		3	8	0.6	54	20	10					06
07	07		3	12	0.2	92	20	10					07
08	08		2	16	0.8	80	18	10					08
09	09		1	8	0.6	40	10	30					09
10	83 WAS 210		1	6	0.2	24	14	10					10
11	11		1	10	0.4	60	14	10					11
12	12		1	10	0.4	66	16	10					12
13	13		1	8	0.2	56	12	10					13
14	14		1	8	0.2	36	24	10					14
15	15		1	12	0.2	46	20	10					15
16	16		1	8	0.4	44	18	10					16
17	17		1	10	0.2	48	20	10					17
18	18		4	58	0.2	88	20	10					18
19	83 WAS 219		3	58	0.2	86	18	10					19
20	STD C		16	182	0.6	114	20	-					20
21	83 WAS 220		10	30	0.2	116	18	10					21
22	21		3	14	0.4	52	18	10					22
23	22		2	24	0.4	102	20	10					23
24	23		10	22	2.8	118	26	10					24
25	24		2	16	0.8	110	20	10					25
26	25		3	14	1.6	56	14	10					26
27	26		3	48	1.8	96	16	10					27
28	27		5	30	0.6	80	24	10					28
29	28		6	38	0.6	280	22	10					29
30	83 WAS 224		2	12	0.2	60	12	10					30
31	30		3	24	1.4	70	24	10					31
32	31		5	36	0.6	178	20	10					32
33	32		2	16	1.0	88	14	10					33
34	33		1	14	0.2	62	14	10					34
35	34		1	24	0.2	80	22	10					35
36	35		2	20	0.4	68	20	10					36
37	36		3	18	2.8	90	20	10					37
38	37		4	18	1.4	110	22	10					38
39	83 WAS 238		3	14	1.0	114	20	10					39
40	STD C		16	176	0.6	114	78	-					40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by *J. Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-0010

## CANAMAX RESOURCES INC. CERTIFICATE OF ANALYSIS

TO: 601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6  
-40 MESH

CERTIFICATE NO. 83255-9  
INVOICE NO.  
DATE ANALYSED 8/10/83  
PROJECT 57037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
30	83 WGT 232		4	1280	70.0	5750	3250	440	30
01	83 WGT 232		1	286	1.0	2350	48	10	01
02	234		135	250	2.4	1240	68	10	02
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07									07
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VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by *Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-0010

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

CERTIFICATE NO. 83761-11  
INVOICE NO.  
DATE ANALYSED AUG, 1983  
PROJECT 57037

No.	Sample	pH	Mo	Cu	Ni	Co	Mn	Fe	Ag	Zn	Pb	Au	No.
06	83 WLL 516		1	12	14	8	340	2.7	0.2	96	14	10	06
07	517		1	12	12	8	1080	3.2	0.2	146	12	10	07
08	518		1	6	4	8	820	2.7	0.2	122	12	10	08
09	519		1	8	6	12	980	3.0	0.2	154	21	10	09
10	83 WLL 520		1	8	2	8	680	2.6	0.2	128	26	10	10
11	521		1	8	8	6	680	2.5	0.2	128	70	10	11
12	522		1	12	4	8	800	2.9	0.2	176	14	10	12
13	523		1	10	10	6	590	2.2	0.2	112	36	20	13
14	83 WLL 524		1	10	86	54	710	3.7	0.2	158	32	10	14
15	83 WLL 525		1	80	-	-	-	-	0.2	242	28	10	15
16	L 526		1	20	16	14	660	3.0	0.2	166	20	10	16
17	83 WLL 527		2	10	-	-	-	-	0.2	50	8	10	17
18	83 WLL 528		1	112	64	44	1360	4.6	0.2	740	112	10	18
19	STD D		1	122	8	2	140	1.0	4.2	510	102	-	19
20													20
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VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by *Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910

CERTIFICATE NO. 83305-5

INVOICE NO.

DATE ANALYSED 83/08/24

PROJECT 037

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

PPB

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
18	758		2	14	0.2	84	28	1.1				18
19	83 WLS 754		2	22	0.2	92	16	1.2				19
20	STD B		26	146	0.8	142	96	-				20
21	83 WLS 760		2	22	0.2	78	16	1.1				21
22	61		2	38	0.2	90	20	1.1				22
23	62		2	66	0.4	126	38	1.1				23
24	63		2	56	0.4	114	40	1.2				24
25	64		2	54	0.4	116	34	1.1				25
26	65		2	56	0.6	112	38	1.1				26
27	66		1	56	0.2	116	42	1.1				27
28	67		1	42	0.2	126	34	1.1				28
29	68		1	24	0.2	82	20	1.1				29
30	83 WLS 769		1	16	0.2	72	16	1.1				30
31	70		1	14	0.2	54	16	1.2				31
32	71		2	20	0.2	50	18	1.2				32
33	72		3	14	0.2	74	14	1.1				33
34	73		2	20	0.4	78	18	1.1				34
35	74		4	30	0.4	154	22	1.1				35
36	75		2	22	0.6	126	14	1.1				36
37	76		2	16	0.4	82	12	1.2				37
38	77		2	14	0.6	60	14	1.2				38
39	83 WLS 778		2	14	0.8	78	16	1.2				39
40	STD B		28	144	0.8	146	94	-				40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by

*J. Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910

CERTIFICATE NO. 83305-6

INVOICE NO.

DATE ANALYSED 83/08/22

PROJECT 57037

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

PPB

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
01	83 WLS 779		6	18	0.4	52	20	1.1				01
02	80		1	10	0.3	36	18	1.1				02
03	81		1	10	0.6	48	20	1.2				03
04	82		1	14	0.6	102	24	1.2				04
05	83		3	18	0.2	112	28	1.1				05
06	84		4	34	0.6	64	12	1.1				06
07	85		2	18	0.2	100	14	1.2				07
08	86		2	14	0.4	110	18	1.2				08
09	87		3	16	0.2	66	20	1.2				09
10	83 WLS 788		1	8	0.2	46	12	1.1				10
11	89		1	12	0.2	48	16	1.1				11
12	90		1	10	0.2	40	10	1.1				12
13	91		1	32	0.2	86	24	1.2				13
14	92		1	28	0.2	88	22	230				14
15	93		1	18	0.2	28	16	1.1				15
16	94		1	20	0.2	58	16	1.2				16
17	95		1	20	0.2	80	16	1.1				17
18	96		1	14	0.2	60	12	1.2				18
19	83 WLS 797		3	20	0.2	50	10	1.1				19
20	STD E		2	80	0.2	150	16	-				20
21	83 WLS 798		4	14	0.4	42	12	1.1				21
22	99		3	14	0.2	90	10	1.1				22
23	800		2	22	0.2	94	12	1.2				23
24	01		3	14	0.6	68	10	1.1				24
25	02		1	22	0.6	72	16	1.2				25
26	03		1	22	0.7	82	18	1.1				26
27	04		2	12	0.7	62	16	1.1				27
28	05		1	32	0.7	92	18	1.1				28
29	06		1	22	0.7	74	20	1.1				29
30	83 WLS 07		3	20	0.4	74	12	1.1				30
31	08		1	18	0.2	68	12	1.1				31
32	09		1	18	0.4	68	18	1.1				32
33	10		1	12	0.2	44	20	1.2				33
34	11		1	22	0.1	50	24	1.1				34
35	12		3	22	0.2	112	32	1.1				35
36	13		2	10	0.4	56	30	1.1				36
37	14		2	12	0.1	76	18	1.1				37
38	15		2	8	0.2	48	18	1.1				38
39	83 WLS 816		4	12	0.2	82	16	1.1				39
40	STD F		4	78	0.2	154	16	-				40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by

*J. Rossbacher*



# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83305-7  
INVOICE NO.  
DATE ANALYSED 83/08/24  
PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
01	83 WLS 817		1	12	0.2	48	12	10				01
02	18		1	12	0.2	64	16	10				02
03	19		1	14	0.2	76	20	10				03
04	20		1	26	0.2	112	16	10				04
05	21		1	16	0.2	62	16	10				05
06	22		1	10	0.2	48	12	10				06
07	23		1	20	0.2	90	12	10				07
08	24		1	44	0.2	54	10	10				08
09	25		1	22	0.2	118	20	10				09
10	83 WLS 826		1	20	0.2	108	22	10				10
11	27		1	14	0.4	112	18	10				11
12	28		1	14	0.6	34	10	10				12
13	83 WLS 824		1	18	0.4	104	20	10				13

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83261-1  
INVOICE NO.  
DATE ANALYSED 83/03/03  
PROJECT 57057

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
02	T 277		1	38	0.8	134	24	10				02
03	T 278		1	114	2.8	190	52	10				03
04	T 279		1	4700	61.0	3700	5400	3200				04
05	T 281		1	40	0.8	142	20	10				05
06	T 282		1	88	2.2	700	50	10				06
18												18
19												19
20												20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
31												31
32												32
33												33
34												34
35												35

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83305-12  
INVOICE NO.  
DATE ANALYSED 83/08/16  
PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
01	83 WMS 284		1	4	0.2	82	16	10				01
02	85		1	16	0.2	54	22	10				02
03	86		1	53	0.2	136	20	10				03
04	87		1	90	0.2	192	110	10				04
05	88		1	72	0.2	138	30	10				05
06	89		1	16	0.2	36	18	10				06
07	90		2	100	0.2	144	32	10				07
08	91		2	54	0.4	206	70	10				08
09	92		2	22	0.2	80	18	10				09
10	83 WMS 293		1	30	0.2	90	18	10				10
11	94		1	20	0.2	70	18	10				11
12	95		2	20	0.2	72	18	10				12
13	96		2	18	0.2	66	14	10				13
14	97		2	24	0.2	72	14	10				14
15	98		2	18	0.4	64	12	10				15
16	99		1	14	0.2	66	12	10				16
17	300		2	16	0.4	80	10	10				17
18	01		2	18	0.2	72	8	10				18
19	83 WMS 302		2	14	0.2	80	14	10				19
20	STD E		3	72	0.2	140	16	10				20
21	83 WMS 303		1	14	0.4	44	14	10				21
22	04		2	18	0.8	74	16	10				22
23	05		1	20	0.2	64	12	10				23
24	06		2	32	0.4	140	38	10				24
25	07		2	16	0.4	60	16	10				25
26	08		1	26	0.2	68	28	10				26
27	09		1	18	0.2	52	14	10				27
28	10		1	14	0.2	42	12	10				28
29	11		1	22	0.2	52	14	10				29
30	83 WMS 312		1	16	0.2	52	12	10				30
31	13		1	16	0.1	44	10	10				31
32	14		1	14	0.2	46	12	10				32
33	15		1	24	0.2	78	14	10				33
34	16		1	14	0.2	64	16	10				34
35	17		1	18	0.2	62	12	10				35
36	18		2	26	0.2	46	12	10				36
37	19		2	20	0.2	54	16	10				37
38	20		2	16	0.2	50	14	10				38
39	83 WMS 321		2	22	0.4	60	18	10				39
40	STD E		4	74	0.2	140	16	10				40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by

*J. Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8810

CERTIFICATE NO. 83305-13

INVOICE NO.

DATE ANALYSED 8/10/02

PROJECT 037

TO: ANAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
01	83 WNS 322		3	26	0.2	74	10	10	01
02	23		4	55	0.2	200	12	10	02
03	24		6	20	0.2	158	14	10	03
04	25		6	226	1.0	54	10	10	04
05	26		6	20	0.2	96	16	10	05
06	27		2	18	0.2	46	12	10	06
07	28		3	16	0.2	48	14	10	07
08	29		4	18	0.2	52	14	10	08
09	30		1	10	0.2	44	14	10	09
10	83 WNS 331		1	20	0.2	74	12	10	10
11	32		1	20	0.2	62	18	10	11
12	33		2	26	0.2	48	12	10	12
13	34		2	20	0.2	58	16	10	13
14	35		2	26	0.2	90	18	10	14
15	36		4	22	0.2	70	18	10	15
16	37		2	16	0.2	68	14	10	16
17	38		1	22	0.4	72	16	10	17
18	39		2	16	0.2	56	16	10	18
19	83 WNS 340		1	22	0.2	68	16	10	19
20	32		2	134	11.2	520	102	-	20
21	83 WNS 341		2	24	0.2	42	16	10	21
22	42		2	22	0.2	54	18	10	22
23	43		2	22	0.2	76	20	10	23
24	44		2	22	0.2	52	20	10	24
25	45		1	20	0.2	44	22	10	25
26	46		1	20	0.2	54	16	10	26
27	83 WNS 347		1	24	0.2	70	20	10	27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38
39									39
40									40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by *J. Rossbach*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8810

CERTIFICATE NO. 83853-3

INVOICE NO.

DATE ANALYSED 8/3/02

PROJECT 037

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW STREET  
VANCOUVER, B.C.

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
01	83 WNT 377		11	4	0.2	62	20	10	01
02	78		3	10	0.2	84	28	10	02
03	79		2	6	0.4	98	54	10	03
04	83 WNT 380		112	210	1.0	206	102	10	04

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8810

CERTIFICATE NO. 93261-9

INVOICE NO.

DATE ANALYSED 8/5/02

PROJECT 57037

No.	Sample	pH	Mo	Cu	Ni	Co	Mn	Fe	Ag	Zn	Pb	Au	As	No.
37	83 WST 369		98	340	-	-	-	-	30.0	680	5800	10	-	37
38	T 380		1	379	-	-	-	-	3.2	184	132	10	-	38
39	83 WST 371		1	104	-	-	-	-	0.6	94	74	10	-	39
40	STD D		2	122	-	-	-	-	4.	490	104	-	-	40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by *J. Rossbach*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8810

CERTIFICATE NO. 83255-15A

INVOICE NO.

DATE ANALYSED 8/3/02

PROJECT 57037

No.	Sample	pH	Mo	Ag	Zn	Pb	Au	Cu	No.
01	83 WST 370		1	24	0.2	158	62	10	01
02	372A		1	24	0.2	50	10	10	02
03	374A		1	24	0.2	50	10	10	03
04	375A		1	24	0.2	130	48	10	04
05	376A		1	60	0.4	136	144	10	05



# Kossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST  
VANCOUVER, B.C.

CANADA  
TELEPHONE: 299-6910

CERTIFICATE NO. 83305-16

INVOICE NO.

DATE ANALYSED

PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au					No.
24	R3 WAS 185		1	26	0.2	107	20	10					24
25	86		1	66	0.4	110	20	10					25
26	87		1	32	0.2	150	320	10					26
27	88		1	40	0.2	72	52	10					27
28	89		1	75	0.2	138	88	10					28
29	40		1	64	0.2	114	36	10					29
30	83 WAS 191		1	18	0.2	44	22	10					30
31	92		2	20	0.2	74	16	10					31
32	93		1	12	0.2	52	8	10					32
33	94		1	14	0.2	78	10	10					33
34	95		2	14	0.2	56	12	10					34
35	96		1	20	0.2	70	12	10					35
36	97		1	16	0.6	64	20	10					36
37	98		2	13	0.4	54	10	10					37
38	99		3	16	0.4	94	22	10					38
39	83 WAS 200		4	22	1.0	230	22	10					39
40	STD C		14	152	0.6	120	50	-					40

VALUES IN PPM UNLESS NOTED OTHERWISE.

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# Kossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC  
601 - 535 THURLOW STREET  
VANCOUVER, B.C.

CANADA  
TELEPHONE: 299-6910

CERTIFICATE NO. 83261/84/10-2

INVOICE NO.

DATE ANALYSED

PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au					No.
19	83 WAS 247		1	18	0.2	52	14	10					19
20	STD B		29	11	156	96							20
21	83 WAS 248		1	16	0.2	76	16	10					21
22	49		1	16	0.2	104	16	10					22
23	83 WAS 250		5	18	0.2	96	16	10					23
29													29
30													30
31													31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

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# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-6910

## CERTIFICATE OF ANALYSIS

TO: AMAX MINERALS EXPLORATION  
# 601 - 535 THURLOW ST.  
VANCOUVER, B.C.

CERTIFICATE NO. 83305-17

INVOICE NO.

DATE ANALYSED 83/08/24

PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au					No.
01	83 WAS 201		6	20	0.2	224	12	10					01
02	02		3	16	0.4	96	18	10					02
03	03		6	38	0.6	108	24	10					03
04	04		3	14	1.2	62	18	10					04
05	05		5	14	0.4	98	18	10					05
06	06		3	8	0.6	54	20	10					06
07	07		3	12	0.2	92	22	10					07
08	08		2	16	0.8	80	18	10					08
09	09		1	8	0.6	40	10	30					09
10	83 WAS 210		1	6	0.2	24	14	10					10
11	11		1	10	0.4	60	14	10					11
12	12		1	10	0.4	66	16	10					12
13	13		1	8	0.2	56	12	10					13
14	14		1	8	0.2	36	24	10					14
15	15		1	12	0.2	46	28	10					15
16	16		1	8	0.4	34	18	10					16
17	17		1	10	0.2	48	20	10					17
18	18		4	58	0.2	88	20	10					18
19	83 WAS 219		5	58	0.2	86	18	10					19
20	STD C		16	188	0.6	114	20	-					20
21	83 WAS 220		10	30	0.2	116	18	10					21
22	21		3	14	0.4	52	18	10					22
23	22		2	24	0.4	102	20	10					23
24	23		10	22	0.8	118	26	10					24
25	24		3	16	0.8	110	20	10					25
26	25		3	14	1.6	56	14	10					26
27	26		3	48	1.8	96	16	10					27
28	27		5	30	0.6	80	24	10					28
29	28		6	38	0.6	282	22	10					29
30	83 WAS 224		2	12	0.2	60	12	10					30
31	30		3	20	1.4	70	14	10					31
32	31		5	36	0.6	178	20	10					32
33	32		2	16	1.0	88	14	10					33
34	33		1	14	0.2	62	14	10					34
35	34		1	24	0.2	80	22	10					35
36	35		2	20	0.4	68	20	10					36
37	36		3	18	0.8	90	20	10					37
38	37		4	18	0.4	110	22	10					38
39	83 WAS 238		3	14	1.0	114	20	10					39
40	STD C		16	176	0.6	114	18	-					40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by \_\_\_\_\_

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

## CANAMAX RESOURCES CERTIFICATE OF ANALYSIS

TO: 601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6  
-40 WLSM

CERTIFICATE NO. 83255-9  
INVOICE NO.  
DATE ANALYSED 8/10/12  
PROJECT 57037

No.	Sample	pH	Mo	Co	Ag	Zn	Pb	Au							No.
30	83 WGT 232		4	1250	70.0	5750	3250	440							30
01	83 WGT 232		1	286	1.0	2350	48	10							01
02	234		135	250	2.4	1260	68	10							02
03															03
04															04
05															05
06															06
07															07
08															08
09															09
10															10
11															11
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38															38
39															39
40															40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by *Rossbacher*

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

CERTIFICATE NO. 83761-11  
INVOICE NO.  
DATE ANALYSED AUG, 1983  
PROJECT 57037

No.	Sample	pH	Mo	Co	Ni	Co	Mn	Fe	Ag	Zn	Pb	Au			No.
06	83 WLL 516		1	12	14	8	340	27	0.2	76	14	10			06
07	517		1	12	12	12	1080	32	0.2	146	12	10			07
08	518		1	6	4	8	820	27	0.2	122	12	10			08
09	519		1	8	6	12	980	30	0.2	154	28	10			09
10	83 WLL 520		1	8	2	8	680	26	0.2	128	26	10			10
11	521		1	8	8	6	680	25	0.2	128	26	10			11
12	522		1	12	4	8	800	29	0.2	176	14	10			12
13	523		1	10	10	6	590	22	0.2	112	36	20			13
14	83 WLL 524		1	10	86	54	710	37	0.2	158	32	10			14
15	83 WLT 525		1	80	-	-	-	-	0.2	242	28	10			15
16	L 526		1	20	16	14	660	30	0.2	166	20	10			16
17	83 WLT 527		2	10	-	-	-	-	0.2	50	8	10			17
18	83 WLL 528		1	112	64	44	1340	46	0.2	740	112	10			18
19	STD D		1	122	8	2	140	10	4.2	510	102	-			19
20															20
21															21
22															22
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VALUES IN PPM UNLESS NOTED OTHERWISE

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# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910

CERTIFICATE NO. 83305-5

INVOICE NO.

DATE ANALYSED 8/2/82

PROJECT 037

CERTIFICATE OF ANALYSIS  
TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST  
VANCOUVER

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
18	758	2	14	0.2	89	27	1	18	
19	83 WLS 759	2	20	0.2	92	16	1.2	19	
20	STD B	2.6	146	0.8	142	96	-	20	
21	83 WLS 760	2	23	0.2	78	16	1.2	21	
22	61	2	38	0.2	90	20	1.2	22	
23	62	2	66	0.4	126	38	1.2	23	
24	63	2	56	0.4	114	40	1.2	24	
25	64	2	58	0.4	116	34	1.2	25	
26	65	2	56	0.4	112	38	1.2	26	
27	66	1	56	0.2	116	32	1.2	27	
28	67	1	43	0.2	126	34	1.2	28	
29	68	1	20	0.2	82	20	1.2	29	
30	83 WLS 769	1	16	0.2	72	16	1.2	30	
31	70	1	14	0.2	54	16	1.2	31	
32	71	2	20	0.2	57	18	1.2	32	
33	72	3	14	0.2	74	14	1.2	33	
34	73	4	20	0.4	18	18	1.2	34	
35	74	4	30	0.4	154	22	1.2	35	
36	75	2	22	0.4	126	14	1.2	36	
37	76	4	16	0.4	82	12	1.2	37	
38	77	4	14	0.6	60	14	1.2	38	
39	83 WLS 778	4	14	0.8	78	16	1.2	39	
40	STD C	2.8	146	0.8	146	114	-	40	

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BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910

CERTIFICATE NO. 83305-6

INVOICE NO.

DATE ANALYSED 8/3/82

PROJECT 57037

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER B.C.

CERTIFICATE OF ANALYSIS

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
01	83 WLS 779	6	18	0.4	52	20	1.2	01	
02	80	1	10	0.2	36	18	1.2	02	
03	81	1	10	0.6	48	20	1.2	03	
04	82	1	14	0.6	102	24	1.2	04	
05	83	2	18	0.2	112	28	1.2	05	
06	84	4	30	0.6	64	12	1.2	06	
07	85	2	18	0.2	100	14	1.2	07	
08	86	2	14	0.4	110	18	1.2	08	
09	87	3	16	0.2	66	20	1.2	09	
10	83 WLS 782	1	8	0.2	46	12	1.2	10	
11	89	1	12	0.2	48	16	1.2	11	
12	90	1	10	0.2	40	10	1.2	12	
13	91	1	32	0.2	86	24	1.2	13	
14	92	1	28	0.2	88	22	230	14	
15	93	1	18	0.2	72	16	1.2	15	
16	94	1	20	0.2	58	16	1.2	16	
17	95	1	20	0.2	80	16	1.2	17	
18	96	1	14	0.2	60	12	1.2	18	
19	83 WLS 797	3	20	0.2	50	10	1.2	19	
20	STD E	2	80	0.2	150	16	-	20	
21	83 WLS 798	1	14	0.4	42	12	1.2	21	
22	99	3	14	0.2	90	10	1.2	22	
23	800	2	22	0.2	74	12	1.2	23	
24	01	5	14	0.6	68	10	1.2	24	
25	02	1	22	0.6	72	16	1.2	25	
26	03	1	22	0.2	82	18	1.2	26	
27	04	2	12	0.2	62	16	1.2	27	
28	05	1	32	0.2	82	18	1.2	28	
29	06	1	22	0.2	74	20	1.2	29	
30	83 WLS 07	3	20	0.4	74	12	1.2	30	
31	08	1	18	0.2	68	12	1.2	31	
32	09	1	18	0.4	68	18	1.2	32	
33	10	1	12	0.2	44	20	1.2	33	
34	11	1	22	0.2	54	24	1.2	34	
35	12	3	22	0.2	112	32	1.2	35	
36	13	2	10	0.4	56	30	1.2	36	
37	14	2	12	0.2	76	18	1.2	37	
38	15	2	8	0.2	48	18	1.2	38	
39	83 WLS 816	4	12	0.2	82	16	1.2	39	
40	STD F	4	78	0.2	154	16	-	40	

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GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: ANAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83305-7  
INVOICE NO.  
DATE ANALYSED 8/10/84  
PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
01	83 WLS 817		1	12	0.2	48	12	10	01
02	18		1	12	0.2	64	16	10	02
03	19		1	14	0.2	76	20	10	03
04	20		1	26	0.2	110	16	10	04
05	21		1	16	0.2	62	16	10	05
06	22		1	10	0.2	48	12	10	06
07	23		1	20	0.2	90	12	10	07
08	24		1	4	0.2	54	10	10	08
09	25		1	22	0.2	118	20	10	09
10	83 WLS 826		1	20	0.2	108	22	10	10
11	27		1	14	0.4	110	18	10	11
12	28		1	14	0.6	54	10	10	12
13	83 WLS 829		1	18	0.4	104	22	10	13

# Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83261-1  
INVOICE NO.  
DATE ANALYSED 11/10/83  
PROJECT 51037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
02	T 277		1	38	0.8	134	24	10	02
03	T 278		1	114	2.8	190	52	10	03
04	T 279		1	4700	61.0	3700	5400	5200	04
05	T 281		1	40	0.8	140	30	10	05
06	T 282		1	88	2.2	700	50	10	06
18									18
19									19
20									20
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22									22
23									23
24									24
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32									32
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34									34
35									35

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## CERTIFICATE OF ANALYSIS

TO: ANAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

2225 S. SPRINGER AVE.,  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83305-12  
INVOICE NO.  
DATE ANALYSED 8/10/84  
PROJECT 037

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au	No.
01	83 WLS 284		1	34	0.2	82	16	10	01
02	85		1	16	0.2	54	22	10	02
03	86		1	54	0.2	136	22	10	03
04	87		1	90	0.2	162	110	10	04
05	88		1	22	0.2	118	30	10	05
06	89		1	16	0.2	36	18	10	06
07	90		2	102	0.2	146	32	10	07
08	91		2	34	0.4	206	70	10	08
09	92		2	22	0.2	50	18	10	09
10	83 WLS 293		1	30	0.2	90	18	10	10
11	94		1	20	0.2	70	18	10	11
12	95		2	20	0.2	72	18	10	12
13	96		2	18	0.2	66	14	10	13
14	97		2	24	0.2	72	14	10	14
15	98		2	18	0.2	64	12	10	15
16	99		1	14	0.2	66	12	10	16
17	300		2	16	0.4	80	10	10	17
18	01		2	18	0.2	72	8	10	18
19	83 WLS 302		2	14	0.2	80	14	10	19
20	STD E		3	72	0.2	140	16	-	20
21	83 WLS 303		1	14	0.4	44	14	10	21
22	04		4	18	0.8	74	16	10	22
23	05		1	20	0.2	64	12	10	23
24	06		1	32	0.4	140	38	10	24
25	07		1	16	0.4	60	16	10	25
26	08		1	26	0.2	68	28	10	26
27	09		1	18	0.2	58	14	10	27
28	10		1	14	0.2	42	12	10	28
29	11		1	20	0.2	52	14	10	29
30	83 WLS 312		1	16	0.2	52	12	10	30
31	13		1	16	0.1	44	10	10	31
32	14		1	14	0.2	46	12	10	32
33	15		1	24	0.2	78	14	10	33
34	16		1	14	0.2	44	16	10	34
35	17		1	18	0.2	62	12	10	35
36	18		2	26	0.2	46	12	10	36
37	19		2	20	0.2	54	16	10	37
38	20		2	16	0.2	50	14	10	38
39	83 WLS 321		2	22	0.2	60	18	10	39
40	STD E		4	14	0.2	140	16	-	40

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## CERTIFICATE OF ANALYSIS

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83305-13  
INVOICE NO.  
DATE ANALYSED 8/2/85/16  
PROJECT 037

TO: AMAX MINERALS EXPLORATION  
601 - 535 THURLOW ST.  
VANCOUVER, B.C.

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
01	83 WNS 322		3	26	0.2	74	10	10				01
02	23		4	55	0.2	200	12	10				02
03	24		6	30	0.2	158	14	10				03
04	25		6	226	1.0	54	10	10				04
05	26		6	200	0.2	96	16	10				05
06	27		2	18	0.2	46	12	10				06
07	28		3	16	0.2	48	14	10				07
08	29		4	18	0.2	52	14	10				08
09	30		1	10	0.2	44	14	10				09
10	83 WNS 331		1	20	0.2	74	12	10				10
11	32		1	20	0.4	62	18	10				11
12	33		2	26	0.8	48	12	10				12
13	34		2	20	0.4	58	16	10				13
14	35		2	26	0.2	90	18	10				14
15	36		4	22	0.2	70	18	10				15
16	37		2	16	0.2	68	14	10				16
17	38		1	22	0.4	72	16	10				17
18	39		2	16	0.2	56	16	10				18
19	83 WNS 340		1	22	0.2	68	16	10				19
20	STD 2		2	134	11.2	520	102	-				20
21	83 WNS 341		2	24	0.2	42	16	10				21
22	42		2	22	0.2	54	18	10				22
23	43		2	22	0.2	78	20	10				23
24	44		2	22	0.8	52	20	10				24
25	45		1	20	0.6	44	22	10				25
26	46		1	20	0.2	54	16	10				26
27	83 WNS 347		1	24	0.2	70	20	10				27
28												28
29												29
30												30
31												31
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2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83853-3  
INVOICE NO.  
DATE ANALYSED 8/3/85/02  
PROJECT 037

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW STREET  
VANCOUVER, B.C.

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au				No.
01	83 WNT 377		11	4	0.2	12	20	10				01
02	78		3	10	0.2	84	28	10				02
03	79		2	6	0.4	98	54	10				03
04	83 WNT 380		11.2	210	1.0	206	102	10				04

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## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 93761-9  
INVOICE NO.  
DATE ANALYSED 8/5/85/03  
PROJECT 57037

No.	Sample	pH	Mo	Cu	Ni	Co	Mn	Fe	Ag	Zn	Pb	Au	As	No.
37	83 WST 369		98	340	-	-	-	-	30.0	680	5800	10		37
38	T380		1	374	-	-	-	-	3.2	184	132	10		38
39	83 WST 371		1	104	-	-	-	-	0.6	94	74	10		39
40	STD D		2	122	-	-	-	-	4	490	104	-		40

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## CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601 - 535 THURLOW ST.  
VANCOUVER, B.C. V6E 3L6

2225 S. SPRINGER AVE.  
BURNABY, B.C.  
CANADA  
TELEPHONE: 299-8910

CERTIFICATE NO. 83255-15A  
INVOICE NO.  
DATE ANALYSED 8/3/85/03  
PROJECT 57037

No.	Sample	pH	Mo	Ag	Zn	Pb	Au	Cu			No.
01	83 WST 381		1	2							01
02	372A		1	2	158	62	10	62			02
03	374A		1	2	50	10	10	18			03
04	375A		1	2	120	118	10	30			04
05	376A		1	2	136	144	10	44			05



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2226 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 298-8810  
AREA CODE: 604

CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601-535 Thurlow St.  
Vancouver, B.C.

CERTIFICATE NO. 83261-C

INVOICE NO. 3197

DATE RECEIVED

DATE ANALYSED Aug 3, 1983

ATTN: 57037

SAMPLE NO.	% Cu	% Pb	% Zn	OZ/T Ag	OZ/T Au
83 WNA 280	2.40	2.48	13.6	26.4	0.030

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*F. Rossbach*

Rossbacher Laboratory Ltd.  
GEOCHEMICAL ANALYSTS & ASSAYERS

2226 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 298-8810  
AREA CODE: 604

CERTIFICATE OF ANALYSIS

TO: CANAMAX RESOURCES INC.  
601-535 Thurlow St.  
Vancouver, B.C.

CERTIFICATE NO. 83261-A

INVOICE NO. 3197

DATE RECEIVED

DATE ANALYSED Aug 2, 1983

ATTN: 57037

SAMPLE NO.	% Cu	% Pb	% Zn	OZ/T Ag	OZ/T Au
83 WSA 372	0.82	1.34	3.08	4.60	0.72

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# Rossbacher Laboratory

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2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910  
AREA CODE: 604

Jan. 1982

(1)

## GEOCHEMICAL ANALYTICAL METHODS CURRENTLY IN USE AT ROSSBACHER LABORATORY LTD.

### A. SAMPLE PREPARATION

1. *Geochem. Soil and Silt:* Samples are dried, and sifted to minus 80 Mesh, through stainless steel, or nylon screens.
2. *Geochem. Rock:* Samples are dried, crushed to minus  $\frac{1}{4}$  inch, split, and pulverized to minus 100 mesh.

### B. METHODS OF ANALYSIS

1. *Multi element:* (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, Cd):  
0.5 Gram sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acid.  
The resulting extract is analyzed by Atomic Absorption spectroscopy, using Background Correction where appropriate.
2. *Antimony:*  
0.50 Gram sample is fused with Ammonium Iodide and dissolved.  
The resulting solution is extracted into TOPO/MIBK and analyzed by Atomic Absorption spectroscopy.
3. *Arsenic:*  
0.25 Gram sample is digested with Nitric-Perchloric acid.  
Arsenic from the solution is converted to arsine, which in turn reacts with silver D.D.C. The resulting solution is analyzed by colorimetry.
4. *Barium:*  
0.50 Gram sample is repeatedly digested with  $\text{HClO}_4$ - $\text{HNO}_3$  and HF.  
The solution is analyzed by Atomic Absorption spectroscopy.
5. *Biogeochemical:*  
Samples are dried, and ashed at  $550^\circ\text{C}$ . and the resulting ash analyzed as in \*1, multielement analysis.
6. *Bismuth:*  
0.50 Gram sample is digested with Nitric acid. The solution is analyzed by Atomic Absorption spectroscopy.
7. *Chromium:*  
0.25 Gram sample is fused with Sodium Peroxide. The solution is analyzed by Atomic Absorption spectroscopy.

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GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,  
BURNABY, B. C.  
CANADA  
TELEPHONE: 299-6910  
AREA CODE: 604

(2)

## METHOD OF ANALYSIS (CONT.)

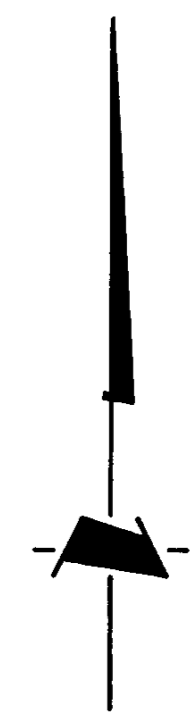
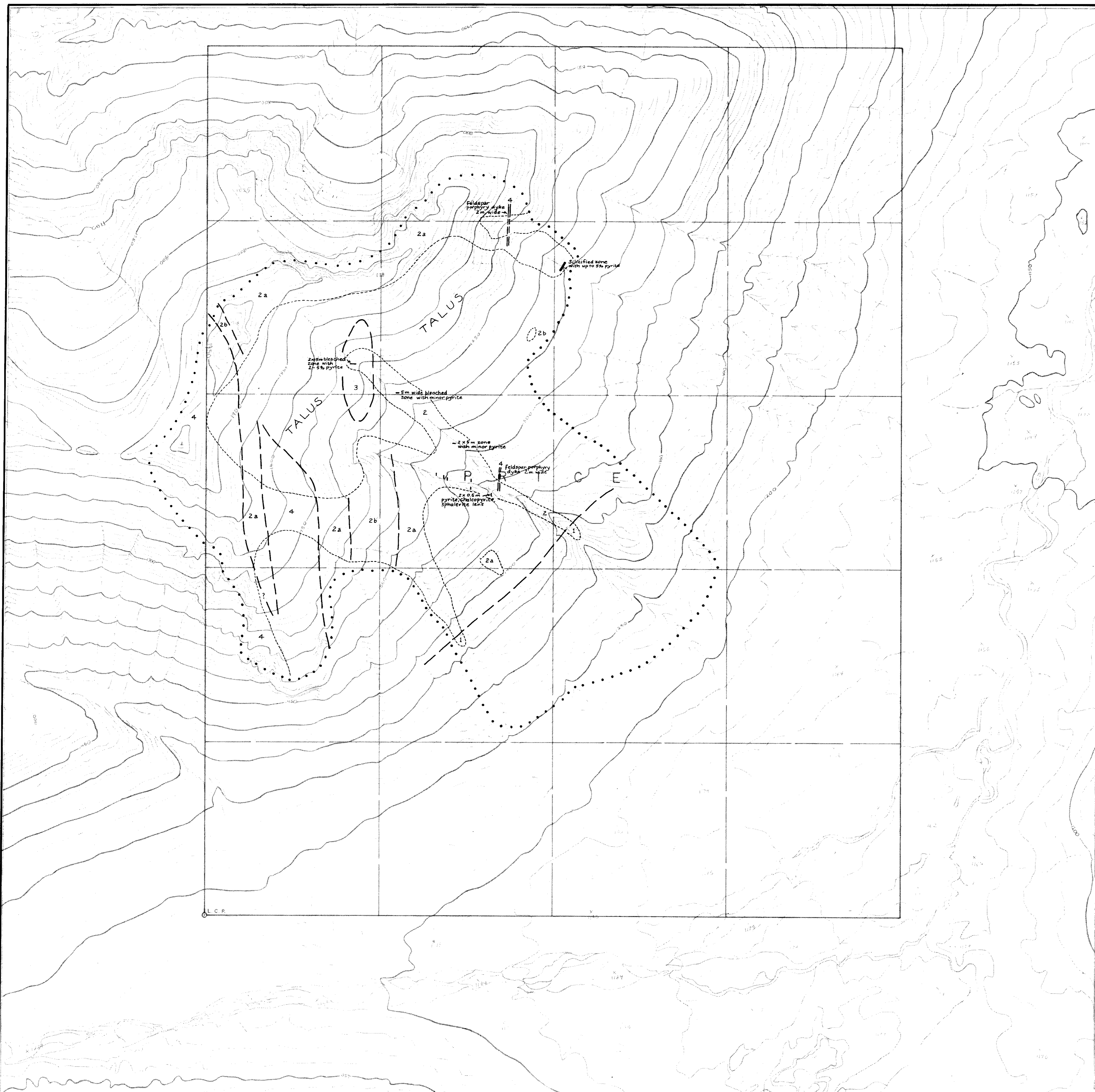
8. *Fluorine:* 0.50 Gram sample is fused with a Carbonate Flux, and dissolved.  
The resulting solution is analyzed for Fluorine by use of an Ion Selective Electrode.
9. *Gold:* 10.0 Gram sample is roasted at 550°C. and dissolved in Aqua Regia. The resulting solution is subjected to a Methylisobutyl Ketone extraction, which extract is analyzed for Gold using Atomic Absorption spectroscopy.
10. *Mercury:* 1.00 Gram sample is digested with Nitric and Sulfuric acids. The solution is analyzed by Atomic Absorption spectroscopy, using a cold vapor generation technique.
11. *Partial Extraction and Fe/Mn oxides:* 0.50 Gram sample is extracted using one of the following: Hot or cold 0.5 N. HCL, 2.5% E.D.T.A., Ammonium Citrate, or other selected organic acids. The solution is analyzed by use of Atomic Absorption spectroscopy.
12. *pH:* An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.
13. *Rapid Silicate Analysis:* 0.10 Gram sample is fused with Lithium Metaborate, and dissolved in  $\text{HNO}_3$ . The solution is analyzed by Atomic Absorption for  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{MgO}$ ,  $\text{CaO}$ ,  $\text{Na}_2\text{O}$ ,  $\text{K}_2\text{O}$ ,  $\text{TiO}_2$ ,  $\text{P}_2\text{O}_5$ , and  $\text{MnO}$ .
14. *Tin:* 0.50 Gram sample is sublimated by fusion with Ammonium Iodide, and dissolved.  
The resulting solution is extracted into TOPO/MIBK and analyzed by Atomic Absorption spectroscopy.
15. *Tungsten:* 1.00 Gram sample is sintered with a carbonate flux, and dissolved.  
The resulting extract is analyzed colorimetrically, after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

APPENDIX IV

Sample No.	Geochem Results (ppm)						Description
	Mo	Cu	Zn	Pb	Ag	Au (ppb)	
83WNT 377	11	4	12	20	0.2	10	Silicified andesite with up to 5% pyrite
83WNT 378	3	10	84	28	0.2	10	Bleached zone in diorite with 2-5% pyrite. 2m x 15m in size.
83WNT 379	2	6	98	54	0.4	10	Bleached zone in andesite with minor pyrite 5m wide
83WNT 380	112	210	206	102	1.0	10	Bleached zone in andesite with minor pyrite. 2m x 5m
83WNT 277	1	38	134	24	0.8	10	Rusty weathering andesite with minor pyrite.
83WNT 278	1	114	190	52	2.8	10	Silicified zone in andesite with 2 - 5% disseminated fine grained pyrite and pyrrhotite
83WNT 279	1	4,700	39,000	5,400	61.0	5,200	Site of 1982 sample TB 89K. Sphalerite and galena in 5 - 10 cm wide. Some along 2m long fracture Fracture trends 1400/vertical
83WNT 280		2.4%	13.6%	2.48%	26.4 oz/T	0.03 oz/T	Site of 1982 sample TB88R. 2 - 3 kg chip sample, 40 cm long, across lens with massive pyrite pyrrhotite, chalcopyrite and sphalerite
83WNT 281	1	40	0.8	140	20	10	Andesite with 1-5% disseminated pyrite
83WNT 282	1	88	2.2	700	50	10	Rusty, weathering pyritized siltstone.
83WST 369	98	340	680	5,800	30.0	10	Rusty, weathering silicic zone in rhyolite. Mineralization over approximately 1m x 5m - pyrite galena
83WST 370	1	374	184	132	3.2	10	Rusty weathering fractured rhyodacite with blebs of pyrite and minor chalcopyrite
83WST 371	1	104	94	74	0.6	10	Rusty weathering rhyodacite with pyrite on fractures and disseminated
83WSA 372		0.82%	3.08%	1.34%	4.6 oz/T	0.72 oz/T	Rusty silicic zone with massive galena, sphalerite, pyrite, chalcopyrite

Appendix IV cont'd

Sample No.	Mo	Cu	Zn	Pb	Ag	Au	Description
83WGT 232	4	1,250	5,750	3,250	70.0	440	2-3 m wide pod in volcanics with pyrite, sphalerite, galena
83WGT 233	1	286	2,350	48	1.0	10	Disseminated sphalerite blebs in andesite volcanics
83WGT 234	135	250	1,260	68	2.4	10	Calcite veins in andesite
83WLT 525	1	80	242	28	0.2	10	5m altered zone with Fe-Stain and arsenopyrites. Same location as WLL 524
83WLT 527	2	10	50	8	0.2	10	Same location as WLL 526



**LEGEND**

**TERTIARY**

**MOUNT BOLOM STOCK**

4 Feldspar porphyritic granite

**CRETACEOUS**

**KASALKA GROUP**

3 Diorite

2a Andesitic flows

2b Andesitic tuff, breccia

**SKEENA GROUP**

1 Sandstone, siltstone, and shale

**SYMBOLS**

- Limit of mapping
- Limit of outcrop
- Geological contact
- - - Sulphide bearing zones and lenses
- Legal corner post, claim boundary
- - - Claim unit boundary
- 1750 Topographic contour (contour interval 10 metres)
- Stream

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,507**

CANAMAX RESOURCES INC.

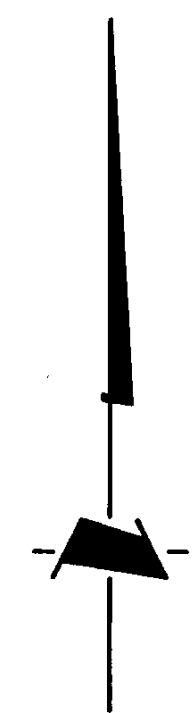
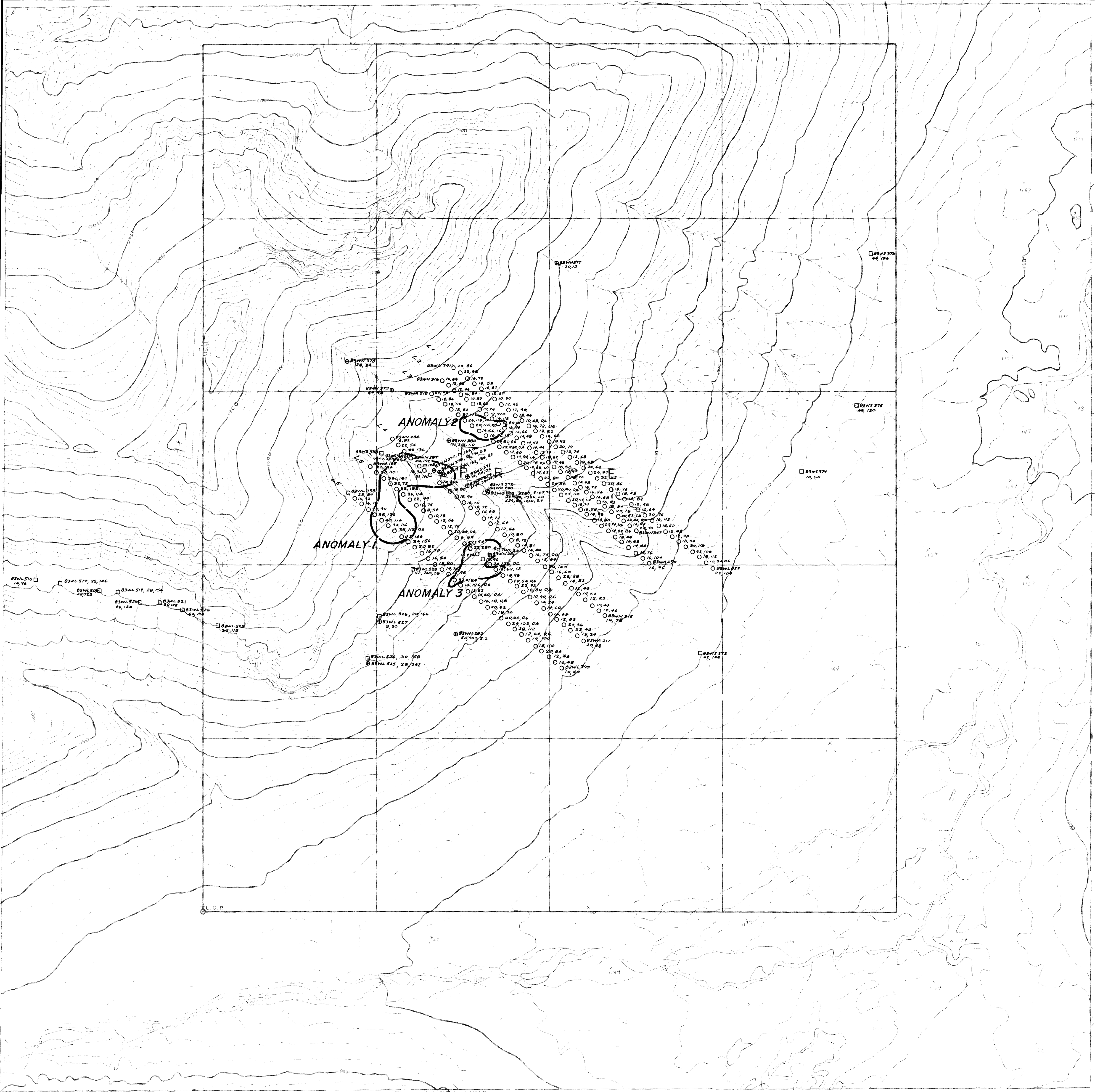
**KASALKA PROPERTY  
PRICE CLAIM**  
OMINECA MINING DIVISION — BRITISH COLUMBIA

**GEOLOGICAL MAP**

SCALE 200 0 200 METRES  
400 400 FEET  
1: 5,000

To accompany 1983 Report by NGI Consulting

Vancouver — TNAB.H.P.



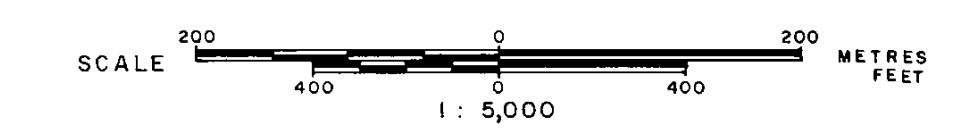
**S Y M B O L S**

- 83HW 347 Soil
  - 83HW 326 Silt
  - ⊠ 83HW 378 Rock chip
  - Assay chip (See Appendix IV for results)
  - Geochemical anomaly boundary
  - Legal corner post, claim boundary
  - Claim unit boundary.
  - 1750 Topographic contour (contour interval 10 metres).
  - Stream.
- } Sample site, Sample number  
p.p.m. Pb, p.p.m. Zn, p.p.m. Ag (>06)

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,507**

CANAMAX RESOURCES INC.  
KASALKA PROPERTY  
PRICE CLAIM  
OMINECA MINING DIVISION — BRITISH COLUMBIA  
**GEOCHEMICAL MAP**



To accompany 1983 Report by: *NG Cowthorpe*  
Vancouver — *T.N.A.B.N.P.*