

83-#314-#11317
6

1983 Geological, Geochemical,
Geophysical Assessment Report

TITLE Tootsee River Property

CLAIMS Heap 1 and 2

COMMODITY W

LOCATED 29 kilometres southeast of
Rancheria, Y.T.
Latitude 59°59'N
Longitude 130°06'
Liard Mining Division 104 O/16

BY A.C. Hitchins

FOR CANAMAX RESOURCES INC.

WORK PERIOD May 25 - June 5, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

CANAMAX VANCOUVER OFFICE

11,317

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SUMMARY

The Tootsee River tungsten property is located on the B.C.-Yukon border 85 kilometres west of Watson Lake, Y.T.

Work between May 25 and June 5, 1983 on the Heap 1 and 2 claims comprised geological mapping, soil sampling and a magnetic survey over a 0.6 kilometre by two kilometre area.

A complexly faulted sequence of Cambrian and younger rocks has been hornfelsed by a buried intrusion.

Tungsten values in soil greater than 40 ppm occur above most rock types but are not directly related to scheelite mineralization. The best lead anomaly (>100 ppm) is spatially associated with a zone of iron oxide cemented brecciated quartzite.

Most of the magnetic highs occur in an area of very poor exposure but may be produced by pyrrhotite concentrations within hornfelsed Cambrian argillites and limestones.

INTRODUCTION

General Statement

The report summarizes the results of geochemical, geological and magnetic surveys over a 2,000 metre by 600 metre grid located on the Heap 1 claim. Field work was conducted between May 25th and June 5th, 1983 by Tony Hitchins, Geoff Booth, Paul Elkins and Steve Goertz of Canamax Resources Inc.

Location and Access

The Tootsee River tungsten property straddles the Yukon-B.C. border 29 kilometres southeast of Rancheria and 85 kilometres west of Watson Lake, Y.T.

Access to the property is easiest by helicopter from either Rancheria or Watson Lake. A bush road extends south from the Alaska Highway along the west side of the Tootsee River to within 10 kilometres of the property.

Claims Data

The property comprises the Hot 1-80 Quartz claims in the Watson Lake Mining District, Yukon, and 32 units of the Heap 1 and Heap 2 claims in the Liard Mining Division, B.C.

Previous Work

Preliminary prospecting and geological mapping were carried out in 1979, soon after the claims were staked. In 1980 detailed soil sampling, geological mapping and geophysical surveys concentrated on a 40 line kilometre grid covering an extensive skarn and hornfels zone exposed on the south central portion of the Hot claims.

REGIONAL GEOLOGY

The area is underlain by north-northwest striking Cambrian to Devonian metasediments intruded by quartz-monzonite of the Cassiar Batholith and coeval apophyses. Several base metal-silver veins and tungsten skarn prospects are localized along the eastern margins of the Batholith. The recently discovered Midway Pb-Zn-Ag-Ba stratabound mineralization hosted in shales and carbonates adjoins the Tootsee River property on the west.

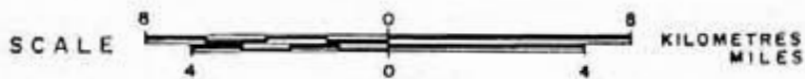


AMAX OF CANADA LIMITED

TOOTSEE RIVER PROPERTY

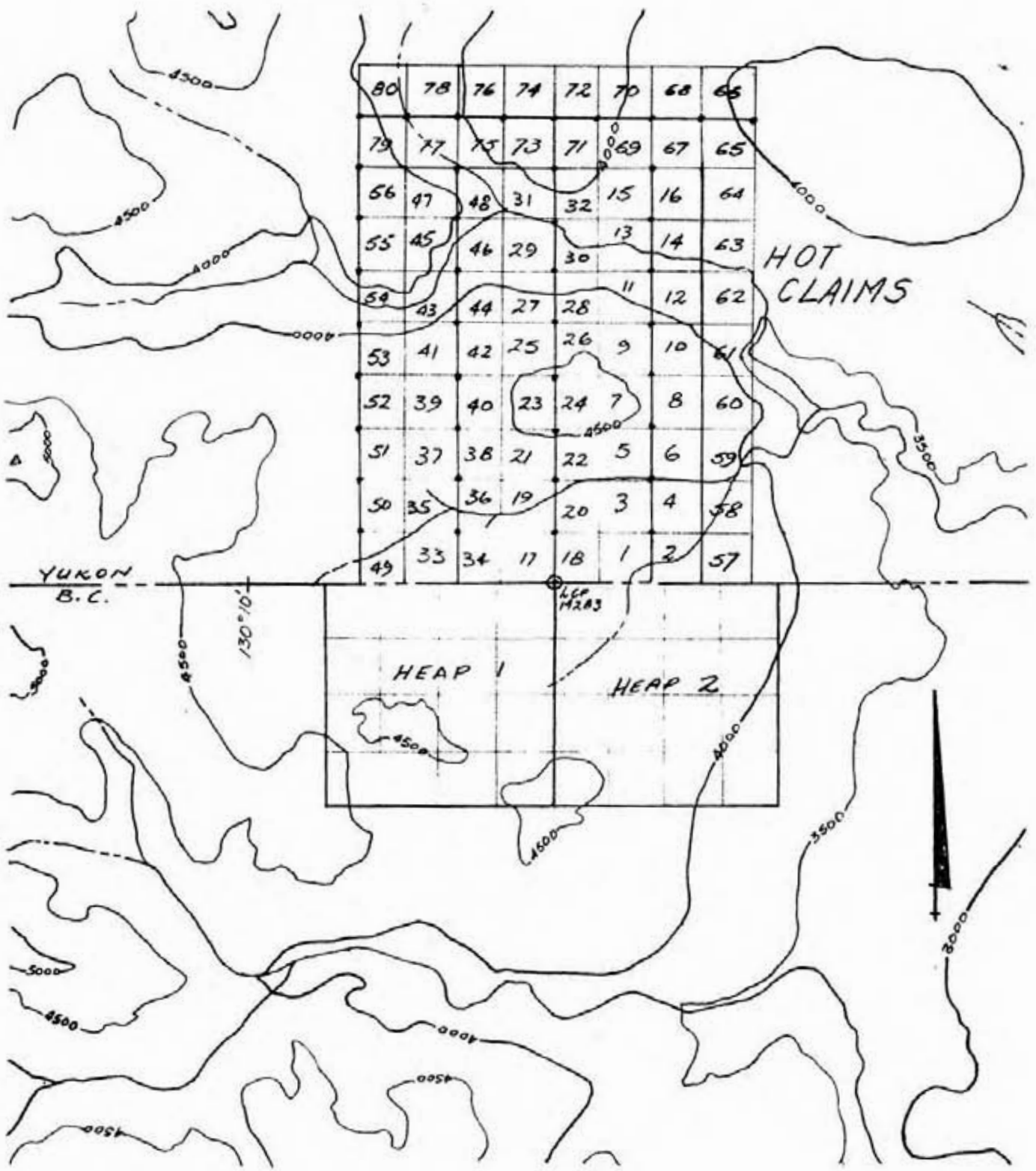
WATSON LAKE M.D. — YUKON
ATLIN M.D. — B.C.

LOCATION MAP



1:250,000

N.T.S. Ref. 104016, 105B1
Fig. 1



CANAMAX RESOURCES INC.
TOOTSEE RIVER PROPERTY
 WATSON LAKE M.D. - YUKON
 ATLIN M.D. - B.C.

1:50,000

FIG. 2
 NTS Ref. 104 0 14, 105 B 1

PROPERTY GEOLOGY

The geology of the grid area was mapped concurrently with the soil sampling at a scale of 1:10,000 (Figure 3 in pocket).

Rock Units

Two of the three main rock units exposed on the grid have been thermally transformed into both pelitic and calc-silicate hornfels. Because relative ages of the various units are unknown the geology will be described from the stratigraphically lowest (probably oldest) to highest.

A steeply westerly dipping, weakly hornfelsed sequence of thinly interbedded, grey limestone and brownish argillite of probable Upper Cambrian age is exposed in the southeastern portion of the grid (Unit 4c). Quartz-carbonate veins are locally abundant but metallic mineralization is restricted to minor pyrrhotite.

A vertically dipping northwest striking cleavage is axial to small upright folds.

Unit 4c is thought to be in fault contact with an intensely foliated unit of calc-silicate altered amphibolite (Unit 6e) and overlying quartzite (Unit 6a, 6c). The amphibolite varies texturally from a strongly mineral banded amphibole and feldspar gneiss to locally an ophitic diorite. Bleaching and calc-silicate alteration is discontinuous but more intense towards the base of exposure. In several outcrops amphibole rich bands have been bleached to leave pale greyish bands in which the original crystal outlines are still visible.

The contact between the foliated amphibole and the stratigraphically overlying foliated quartzite is believed to be a thrust fault.

Several small outcrops of light green coarsely acicular tremolite skarn (Unit 6d) are exposed along the central portion of the baseline immediately east of a possible thrust fault. Unit 6b is a yellowish rubbly weathering dolomitic quartzite to dolomitic arenite without visible foliation, in contrast to the prominent foliation present in Units 6a, 6c and 6e.

MINERALIZATION

Trace amounts of pyrrhotite occur as small blebs and specks in Unit 4c.

A zone of anastomosing breccia veins in quartzite and outcrops of brecciated quartzite cemented by dark brown to red iron oxides is exposed in an east-west swath through the central portion of the property. Except for rare specks of pyrrhotite no sulphides were recognized within this breccia zone. Contacts of the breccia zone are not exposed but there does not appear to be any iron staining along bedding planes or fractures in adjacent outcrops. Fragments of intrusive rock were not observed in the breccia.

GEOCHEMICAL SURVEY

During the 1983 field season a total of 531 soil samples were collected from depths of 10-15 centimetres at 25 metre spacings on the grid.

Eight rock chip samples were taken from float and outcrop of either veined hornfels-skarn or the brecciated quartzite cemented by variably coloured iron oxides.

Samples were analysed for Cu, Pb, Ag, W and occasionally Au by Rossbacher Laboratories in Burnaby, B.C. Results for tungsten are plotted on Figure 4 with complete analytical results appearing in Appendix II.

Soil Type and Provenance

Weakly developed red-brown podzols were noted on ridge crests and well drained southerly facing slopes. Frozen gleysols predominate on north slopes below tree line and occasionally precluded adequate sampling. Above tree line locally derived rock fragment are the dominant soil forming component. The glacially derived content of the soil increases towards valley floors.

Results

Lead values are less than 50 ppm over most of the grid. The best anomaly is an 'H' shaped anomaly west of the base line between lines 6 and 12 and centred on the iron oxide cemented breccia. The 'legs' of the 'H' are subparallel to foliation and may indicate fluid movement through the breccia and then along foliation planes. Chip samples of the breccia contained up to 1,420 ppm lead, probably as an oxide, since galena was not observed.

Tungsten values greater than 40 ppm do not appear to be related to the oxide cemented breccia zone but occur in soil above all lithologies. Samples of the breccia contain very little tungsten (≤ 10 ppm) and no scheelite was observed in the area covered by the grid. Tungsten was probably part of the calc-silicate and weak skarn alteration covering most of the grid area.

MAGNETIC SURVEY

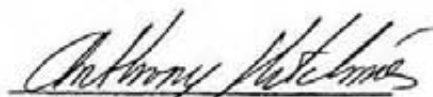
Introduction

A magnetometer survey was conducted between May 30 and June 5, 1983 on the southern portion of the grid to supplement geological and geochemical evaluation. The main objective of the survey was to delineate the extent of possible massive pyrrhotite-scheelite skarns.

A Geometrics G-816 proton precession magnetometer was used to conduct the survey over the 9.5 kilometre topofil-compass grid. Readings were taken at 25 metre intervals along lines spaced 100 metres apart. Corrections for diurnal variations were made by running the survey in a series of loops that tied into a baseline station approximately every hour. Differences in the magnetic reading at the baseline stations were then spread over all the readings taken in a particular loop. Corrected magnetic values are plotted and contoured on Figure 5 using a base value of 58,000 γ .

Discussion of Results

The small magnetic high on the baseline between lines 8 and 9 is probably related to minor pyrrhotite in a poorly exposed tremolite skarn. The half dozen narrow magnetic highs in the southeast portion of the grid are, unfortunately, in an area of very poor rock exposure. However, they are similar to narrow, intense magnetic highs associated with dissemination and discontinuous stringers of pyrrhotite in Unit 4c on the adjacent Hot claims.



A.C. Hitchens

APPENDIX I

ANALYTICAL METHODS

Rossbacher Laboratory

GEOCHEMICAL ANALYSTS & ASSAYERS

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 $\frac{1}{2}$ 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 HClO_4 - HNO_3 and HF.
The solution is analyzed by Atomic Absorption spectroscopy.
5. *Biogeochemical:*
Samples are dried, and ashed at 550°C . and the resulting ash analyzed as in #1, multi-element 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.

Rossbacher Laboratory

GEOCHEMICAL ANALYSTS & ASSAYERS

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(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 HNO₃.
The solution is analyzed by Atomic Absorption for SiO₂, Al₂O₃, Fe₂O₃, MgO, CaO, Na₂O, K₂O, TiO₂, P₂O₅, and 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 II

ANALYTICAL RESULTS

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 83161-1

INVOICE NO. 3145

DATE ANALYSED JUNE 21/83

PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 FBS 1			24	0.2	8	5				01
02	5			46	1.6	158	15				02
03	6			24	0.4	74	10				03
04	7			16	0.4	44	20				04
05	8			16	0.2	26	10				05
06	9			16	0.2	40	10				06
07	10			18	0.2	26	15				07
08	11			14	0.2	36	30				08
09	12			28	0.2	66	70				09
10	83 FBS 13			16	0.2	62	75				10
11	14			16	0.2	30	15				11
12	15			28	2.2	146	50				12
13	16			18	0.4	50	10				13
14	17			18	0.2	36	30				14
15	18			12	0.2	22	30				15
16	19			30	0.2	46	20				16
17	20			22	0.2	42	20				17
18	21			16	0.2	34	25				18
19	83 FBS 22			16	0.2	48	30				19
20	STD C			160	0.4	74	70				20
21	83 FBS 23			28	1.0	78	50				21
22	24			24	0.2	52	40				22
23	83 FBS 25			18	0.2	36	30				23
24											24
25											25
26											26
27											27
28											28
29											29
30											30
31											31
32											32
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39											39
40											40

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GEOCHEMICAL ANALYSTS & ASSAYERS

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BURNABY, B. C.
CANADA
TELEPHONE: 299-8910



CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 83161-2

INVOICE NO.

DATE ANALYSED JUNE 15/83

PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W					No.
01	83 FES 1			14	0.4	36	20					01
02	2			10	0.2	24	25					02
03	3			18	0.4	128	25					03
04	4			28	0.6	86	10					04
05	5			30	0.6	156	25					05
06	6			14	0.2	34	35					06
07	7			18	1.0	100	30					07
08	8			18	0.6	68	90					08
09	9			17	0.2	32	20					09
10	83 FES 10			24	0.2	42	10					10
11	11			44	0.6	74	60					11
12	12			28	0.6	54	10					12
13	13			26	0.4	44	40					13
14	14			20	0.8	48	10					14
15	15			24	1.2	56	5					15
16	16			134	0.6	34	25					16
17	17			94	0.4	62	50					17
18	18			46	0.4	42	10					18
19	83 FES 19			20	0.4	32	40					19
20	STD A			24	0.2	20	70		(W) 3			20
21	83 FES 20			16	0.2	32	15					21
22	21			12	0.2	34	20					22
23	22			10	0.2	28	70					23
24	23			10	0.2	38	140					24
25	24			16	0.2	336	30					25
26	25			18	0.8	120	10					26
27	26			58	0.6	590	70					27
28	27			30	0.2	354	30					28
29	28			18	0.6	52	40					29
30	83 FES 29			34	0.2	32	35					30
31	30			16	0.8	50	50					31
32	31			18	1.2	96	25					32
33	32			38	0.4	70	35					33
34	33			18	0.6	40	45					34
35	34			20	0.2	36	60					35
36	35			18	0.6	34	45					36
37	L 36			52	0.2	336	10					37
38	S 37			16	0.8	50	35					38
39	83 FES 38			10	0.6	40	35					39
40	STD A			24	0.2	22	70		W3			40

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GEOCHEMICAL ANALYSTS & ASSAYERS

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 83161-3

INVOICE NO.

DATE ANALYSED JUNE 15/83

PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 FES 39			16	0.2	40	5				01
02	40			12	0.2	32	5				02
03	41			76	1.0	90	2				03
04	42			18	1.2	22	2				04
05	43			10	0.6	36	10				05
06	44			14	0.6	48	20				06
07	45			12	0.2	24	20				07
08	46			12	0.2	24	15				08
09	47			14	0.2	20	15				09
10	83 FES 48			14	0.2	18	2				10
11	49			10	0.4	24	5				11
12	50			26	0.6	40	15				12
13	51			8	0.4	44	20				13
14	52			12	0.4	28	20				14
15	53			24	0.6	66	10				15
16	54			12	0.8	30	20				16
17	55			10	0.4	26	25				17
18	56			14	0.4	34	10				18
19	83 FES 57			16	0.2	36	10				19
20	STD D			112	4.0	88	55				20
21	83 FES 58			20	0.6	38	40				21
22	59			20	1.0	44	20				22
23	60			12	0.6	20	2				23
24	61			28	0.8	36	2				24
25	62			16	0.4	30	10				25
26	63			12	0.6	38	10				26
27	64			16	0.6	18	5				27
28	65			10	0.8	30	15				28
29	66			10	0.6	42	15				29
30	83 FES 67			14	1.2	42	10				30
31	68			20	1.6	84	25				31
32	69			12	0.8	46	25				32
33	70			10	0.8	32	10				33
34	71			6	0.8	22	20				34
35	72			8	0.6	22	20				35
36	73			12	0.8	56	20				36
37	74			42	0.2	60	20				37
38	75			12	0.4	30	20				38
39	83 FES 76			10	1.0	26	10				39
40	STD D			110	3.6	92	55				40

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 83161-4

INVOICE NO.

DATE ANALYSED JUNE 15/83

PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 EES 77			14	0.4	16	35				01
02	78			16	0.2	28	15				02
03	79			16	0.2	24	45				03
04	80			6	0.2	12	30				04
05	81			20	0.4	34	30				05
06	82			26	0.2	50	30				06
07	83			12	0.2	28	35				07
08	84			10	0.2	24	30				08
09	85			6	0.2	16	30				09
10	83 EES 86			6	0.2	20	25				10
11	87			6	0.2	16	50				11
12	88			4	0.2	18	50				12
13	89			18	0.6	30	15				13
14	90			16	0.4	30	35				14
15	91			4	0.2	16	70				15
16	92			6	0.2	20	60				16
17	93			16	0.4	32	60				17
18	94			12	1.6	28	75				18
19	83 EES 95			20	0.8	26	20				19
20	STD F			74	0.2	18	35	WG			20
21	83 EES 96			6	0.2	18	45				21
22	97			12	0.8	46	30				22
23	98			6	0.6	20	70				23
24	99			4	0.2	12	70				24
25	100			20	0.4	14	40				25
26	101			16	0.2	18	40				26
27	102			14	0.8	34	70				27
28	103			20	0.4	22	45				28
29	104			26	0.8	38	35				29
30	83 EES 105			20	0.4	34	50				30
31	106			26	0.4	26	10				31
32	107			26	0.2	24	20				32
33	108			16	0.4	22	20				33
34	109			16	0.2	16	15				34
35	110			32	0.2	10	10				35
36	111			28	0.2	12	10				36
37	112			22	0.4	22	15				37
38	113			34	0.4	42	35				38
39	83 EES 114			32	0.0	44	90				39
40							30	WG			40

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J. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

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CERTIFICATE OF ANALYSIS

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

CERTIFICATE NO. 83161-5
INVOICE NO.
DATE ANALYSED JUNE 15/83
PROJECT 043

No.	Sample	pH	Ag	Cu	Pb	W		No.
01	83EES 115			36	1.2	58	5	01
02	16			24	1.4	20	15	02
03	17			20	0.8	24	10	03
04	18			26	1.0	30	30	04
05	19			23	0.6	26	70	05
06	20			14	0.2	16	15	06
07	21			12	0.2	16	15	07
08	22			12	0.2	16	15	08
09	23			18	0.4	36	10	09
10	83EES 124			24	0.2	30	10	10
11	25			20	0.4	30	10	11
12	26			12	0.6	26	2	12
13	27			30	1.0	44	15	13
14	28			20	0.8	72	20	14
15	29			16	0.6	52	15	15
16	30			12	0.6	48	25	16
17	31			14	0.4	22	20	17
18	32			10	0.4	22	35	18
19	83EES 133			8	0.8	26	50	19
20	STDA 8			20	0.2	18	15	20
21	83EES 134			8	0.4	20	30	21
22	35			8	0.2	16	5	22
23	36			10	0.4	20	70	23
24	37			16	0.8	26	45	24
25	38			8	0.2	20	50	25
26	39			18	0.6	126	40	26
27	40			14	0.4	54	90	27
28	41			18	0.6	42	70	28
29	42			16	0.4	36	40	29
30	83EES 143			12	0.4	24	90	30
31	44			10	0.2	34	90	31
32	45			12	0.4	30	70	32
33	46			12	0.2	28	90	33
34	47			14	0.2	40	30	34
35	48			22	0.2	44	50	35
36	49			30	1.2	50	5	36
37	50			12	0.2	30	30	37
38	51			16	0.4	36	30	38
39	83EES 152			18	0.2	36	30	39
40	STDA			20	0.2	18	10	40

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Rossbacher Laboratory Ltd.

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

GEOCHEMICAL ANALYSTS & ASSAYERS

CERTIFICATE OF ANALYSIS

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

CERTIFICATE NO. 83161-6
INVOICE NO.
DATE ANALYSED JUNE 22/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W					No.
01	83 FES 153			12	0.2	34	15					01
02	154			10	0.2	30	10					02
03	155			10	0.2	28	20					03
04	156			8	0.2	34	15					04
05	157			8	0.2	42	25					05
06	158			20	0.2	114	10					06
07	159			16	0.2	36	2					07
08	160			8	0.2	30	25					08
09	161			10	0.2	32	90					09
10	83 FES 163			32	1.0	100	2					10
11	164			18	0.2	34	25					11
12	165			8	0.2	46	30					12
13	166			16	0.2	46	25					13
14	167			10	0.2	40	25					14
15	168			8	0.2	34	70					15
16	169			12	0.2	42	15					16
17	170			18	0.2	84	15					17
18	83 CES 171			56	0.6	300	10					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
36												36
37												37
38												38
39												39
40												40

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CERTIFICATE OF ANALYSIS

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

CERTIFICATE NO. 83161-7
INVOICE NO.
DATE ANALYSED JUNE 15/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W	ppm Au				No.
01	83 FKS 33			18	0.4	58	5	-				01
02	34			14	0.2	44	30	-				02
03	35			12	0.2	22	5	-				03
04	36			20	0.2	50	15	-				04
05	37			14	0.2	38	15	-				05
06	38			30	0.2	46	20	-				06
07	39			12	0.2	30	15	-				07
08	40			6	0.2	14	5	-				08
09	41			8	0.2	16	5	-				09
10	83 FKS 42			12	0.2	16	20	-				10
11	43			12	0.4	30	35	-				11
12	44			6	0.2	26	20	-				12
13	45			6	0.2	24	20	-				13
14	46			12	0.2	44	20	-				14
15	47			8	0.2	114	20	-				15
16	48			6	0.4	24	15	-				16
17	49			8	0.6	78	20	-				17
18	50			10	0.2	34	20	-				18
19	83 FKS 51			14	0.2	24	25	-				19
20	STD D			120	40	104	15	-				20
21	85 FKS 52			22	0.4	50	10	-				21
22	53			54	0.2	82	20	-				22
23	54			18	0.2	70	30	-				23
24	55			10	0.2	76	15	-				24
25	56			12	0.2	24	15	-				25
26	57			14	0.2	26	15	-				26
27	58			18	0.2	30	50	-				27
28	59			20	0.2	84	35	-				28
29	60			24	0.2	52	20	-				29
30	83 FKS 61			30	0.2	48	35	-				30
31	62			58	0.2	72	10	-				31
32	63			10	0.2	26	30	-				32
33	64			12	0.2	32	40	-				33
34	65			4	0.2	18	10	-				34
35	66			14	0.2	30	5	-				35
36	67			34	0.2	20	5	-				36
37	68			16	0.2	10	10	-				37
38	69			12	0.2	30	20	10				38
39	83 FKS 70			10	0.8	82	15	10				39
40	STD D			110	3.6	100	15	-				40

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GEOCHEMICAL ANALYSTS & ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 83161-8
INVOICE NO.
DATE ANALYSED JUNE 15/52
PROJECT 043

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

No.	Sample	pH	MS	Cu	Ag	Pb	Zn	As	W				No.
01	83 EKS 71			12	0.8	56	40	10	40				01
02	72			32	0.2	650	80	10	80				02
03	73			44	0.6	430	50	10	50				03
04	74			14	0.4	126	70	10	70				04
05	75			20	1.4	134	60	10	60				05
06	76			20	0.4	266	60	10	60				06
07	77			28	0.2	90	60	-	60				07
08	78			30	0.2	122	70	-	60				08
09	79			22	0.2	60	70	-	70				09
10	83 EKS 80			16	0.4	50	50	-	70				10
11	81			26	0.4	44	140	-	50				11
12	82			12	0.2	24	10	-	140				12
13	83			28	0.2	68	110	-	10				13
14	84			10	0.2	26	165	-	110				14
15	85			24	0.4	26	60	-	165				15
16	86			20	0.2	12	90	-	60				16
17	87			8	0.2	28	60	-	90				17
18	88			12	0.2	24	135	-	60				18
19	83 EKS 89			12	0.2	18	20	-	135				19
20	STD C			168	0.6	76	15	-	20				20
21	83 EKS 90			16	0.2	28	30	-	5				21
22	91			10	0.2	28	45	-	30				22
23	92			28	0.6	42	50	-	45				23
24	93			12	0.4	20	100	-	50				24
25	94			8	0.2	26	100	-	100				25
26	95			6	0.2	12	25	-	100				26
27	96			14	0.2	30	70	-	25				27
28	97			12	0.2	24	55	-	70				28
29	98			20	0.2	36	90	-	55				29
30	83 EKS 99			14	0.2	26	100	-	90				30
31	100			10	0.2	26	80	-	100				31
32	101			10	0.2	38	65	-	30				32
33	102			8	0.2	32	30	-	165				33
34	103			12	0.2	32	30	-	30				34
35	104			12	0.2	40	55	-	30				35
36	105			28	0.8	36	35	-	55				36
37	106			22	0.2	46		-	35				37
38	107			18	0.2	46		-	110				38
39	83 EKS 108			10	0.2	32		-	90				39
40	STD C			178	0.6	78		-	20				40

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CERTIFICATE OF ANALYSIS

2225 S. SPRINGER AVE.,
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CERTIFICATE NO. 83161-9
INVOICE NO.
DATE ANALYSED JUNE 15/83
PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 EKS 109			12	0.6	30	35				01
02	110			8	0.6	22	70				02
03	111			8	0.6	20	70				03
04	112			8	0.4	22	25				04
05	113			6	0.4	14	35				05
06	114			16	0.2	36	35				06
07	115			18	0.4	24	70				07
08	116			6	0.4	20	35				08
09	117			20	0.6	38	20				09
10	83 EKS 118			22	1.0	30	10				10
11	119			20	0.8	32	15				11
12	120			24	1.8	38	10				12
13	121			22	1.4	32	35				13
14	122			28	1.8	54	35				14
15	123			18	0.2	24	35				15
16	124			14	1.2	22	35				16
17	125			14	0.8	24	35				17
18	126			8	0.6	22	20				18
19	83 EKS 127			6	0.6	24	30				19
20	STD D			124	4.0	98	30				20
21	83 EKS 128			14	0.6	26	25				21
22	129			20	0.4	48	45				22
23	130			40	1.0	64	15				23
24	131			20	1.6	36	35				24
25	132			26	7.4	32	20				25
26	133			24	1.8	48	45				26
27	134			22	1.2	38	25				27
28	135			16	0.6	46	15				28
29	136			30	0.8	30	10				29
30	83 EKS 137			26	0.6	30	2				30
31	138			24	1.0	32	5				31
32	139			26	0.8	30	25				32
33	140			14	0.6	20	30				33
34	141			20	0.8	26	30				34
35	142			12	0.6	20	5				35
36	143			12	0.2	18	10				36
37	144			10	0.4	20	25				37
38	145			12	0.4	26	5				38
39	83 EKS 146			4	0.4	20	10				39
40	STD D			112	3.8	96	30				40

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 83161-10

INVOICE NO.

DATE ANALYSED JUNE 15/83

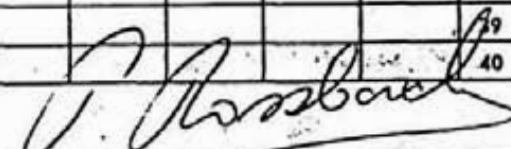
PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 FKS 147			18	0.2	26	5				01
02	148			14	0.2	16	5				02
03	149			12	0.2	24	5				03
04	150			12	0.2	28	15				04
05	151			12	0.2	14	15				05
06	152			10	0.2	10	10				06
07	153			10	0.2	8	5				07
08	154			16	0.8	32	5				08
09	155			10	0.4	28	15				09
10	83 FKS 156			10	0.2	14	10				10
11	157			16	0.4	26	20				11
12	158			18	0.4	38	15				12
13	159			10	0.2	28	15				13
14	160			10	0.2	26	15				14
15	161			10	0.4	20	10				15
16	162			22	0.2	38	15				16
17	163			24	0.2	34	5				17
18	164			12	0.4	22	15				18
19	83 FKS 165			18	0.6	26	10				19
20	STD A			24	0.2	18	55	GW 4			20
21	83 FKS 166			14	0.2	22	15				21
22	167			16	0.4	26	15				22
23	168			14	0.8	34	5				23
24	169			18	0.2	32	10				24
25	170			14	0.6	24	20				25
26	171			18	0.6	22	5				26
27	172			32	1.0	28	10				27
28	173			46	0.4	50	2				28
29	174			18	0.2	30	20				29
30	83 FKS 175			20	0.2	40	20				30
31	176			20	0.8	72	20				31
32	177			40	0.4	40	10				32
33	178			20	0.2	20	10				33
34	179			32	0.2	36	10				34
35	180			26	0.2	18	5				35
36	181			48	0.2	26	2				36
37	182			22	0.2	12	2				37
38	183			24	0.2	6	2				38
39	83 FKS 184			18	0.2	14	20				39
40	STD A			20	0.2	18	55	GW 4			40

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CERTIFICATE OF ANALYSIS

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

CERTIFICATE NO. 83161-11
INVOICE NO.
DATE ANALYSED JUNE 21/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 EKS 185			24	0.2	16	2				01
02	186			52	0.2	20	2				02
03	187			16	0.2	20	2				03
04	188			16	0.2	16	2				04
05	189			16	0.2	22	5				05
06	190			20	0.4	26	5				06
07	191			18	0.2	14	15				07
08	192			24	0.2	16	2				08
09	193			14	0.2	14	2				09
10	83 EKS 194			22	0.2	18	2				10
11	195			70	0.2	16	2				11
12	196			20	0.2	28	2				12
13	197			12	0.2	14	2				13
14	198			22	0.2	18	2				14
15	199			28	0.2	38	2				15
16	200			28	0.2	20	2				16
17	201			54	0.2	14	2				17
18	202			60	0.2	22	2				18
19	83 EKS 203			48	0.4	32	2				19
20	STD E			80	0.2	18	60	GW5			20
21	83 EKS 204			44	0.4	26	2				21
22	205			10	0.2	22	5				22
23	206			14	0.4	26	30				23
24	207			18	0.4	26	35				24
25	208			18	0.4	24	30				25
26	209			12	0.2	22	40				26
27	210			14	0.2	34	50				27
28	211			24	0.6	34	35				28
29	212			34	0.4	80	25				29
30	83 EKS 213			28	0.8	34	20				30
31	214			38	0.6	76	15				31
32	215			28	0.8	56	25				32
33	216			30	0.4	44	10				33
34	217			22	0.6	48	40				34
35	218			22	0.2	30	5				35
36	219			10	0.2	20	5				36
37	220			40	0.2	26	2				37
38	221			8	0.6	20	30				38
39	83 EKS 222			6	0.2	24	50				39
40	STD E			78	0.2	20	60	GW5			40

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CERTIFICATE OF ANALYSIS

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

CERTIFICATE NO. 83161-12
INVOICE NO.
DATE ANALYSED JUNE 21/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W	ppm As				No.
01	83 EKS 223			10	0.2	16	5	-				01
02	224			8	0.2	18	10	-				02
03	225			8	0.2	24	10	-				03
04	226			12	0.2	24	20	-				04
05	227			12	0.2	50	20	-				05
06	228			20	0.4	96	20	-				06
07	229			20	0.6	46	40	-				07
08	230			14	0.4	42	20	-				08
09	231			12	0.4	42	10	-				09
10	83 EKS 232			16	1.0	60	15	-				10
11	233			28	0.4	264	5	-				11
12	234			16	0.6	198	10	10				12
13	235			46	0.2	456	20	10				13
14	236			24	0.2	120	30	10				14
15	237			24	0.2	108	35	-				15
16	238			22	0.2	104	15	-				16
17	239			16	0.2	38	20	-				17
18	240			16	0.4	42	10	-				18
19	83 EKS 241			86	0.2	710	10	-				19
20	STD C			180	0.6	76	15	-				20
21	83 EKS 242			70	0.4	284	10	-				21
22	243			42	0.6	74	10	-				22
23	244			14	0.4	36	10	-				23
24	245			14	0.4	36	10	-				24
25	246			16	0.4	44	15	-				25
26	247			16	0.4	36	15	-				26
27	248			24	0.2	18	10	-				27
28	249			18	0.4	30	45	-				28
29	250			14	0.2	20	30	-				29
30	83 EKS 251			12	0.2	18	15	-				30
31	252			12	0.2	18	20	-				31
32	253			6	0.2	24	20	-				32
33	254			12	0.2	14	2	-				33
34	255			22	0.4	14	2	-				34
35	256			22	0.2	16	2	-				35
36	257			28	0.2	24	2	-				36
37	258			26	0.2	16	2	-				37
38	259			28	0.2	14	2	-				38
39	83 EKS 260			28	0.2	26	2	-				39
40	STD C			182	0.8	74	15	-				40

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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. 83161-13
INVOICE NO.
DATE ANALYSED JUNE 27/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 EKS 261			48	0.8	56	2				01
02	262			30	0.2	36	20				02
03	263			16	0.2	24	80				03
04	264			20	0.4	38	20				04
05	265			24	0.4	42	15				05
06	266			18	0.2	22	20				06
07	267			10	0.2	22	40				07
08	268			16	0.8	48	2				08
09	269			18	0.2	44	20				09
10	83 EKS 270			12	0.6	44	2				10
11	271			16	0.2	34	10				11
12	272			18	0.2	36	5				12
13	273			22	0.2	30	20				13
14	274			18	0.2	16	2				14
15	275			18	0.2	22	2				15
16	276			20	0.2	18	2				16
17	277			26	0.2	20	2				17
18	278			26	0.2	22	2				18
19	83 EKS 279			20	0.2	8	2				19
20	STD D			116	4.2	102	15	CW1			20
21	83 EKS 280			30	0.2	18	2				21
22	281			10	0.2	16	30				22
23	282			14	0.2	16	30				23
24	284			16	0.2	20	5				24
25	285			14	0.2	14	2				25
26	286			30	0.2	20	2				26
27	287			28	0.4	20	2				27
28	288			12	0.2	12	10				28
29	289			10	0.2	20	5				29
30	83 EKS 290			32	0.6	102	2				30
31	291			18	0.2	36	10				31
32	292			18	0.2	32	10				32
33	293			12	0.2	22	10				33
34	294			10	0.2	20	20				34
35	295			10	0.2	18	10				35
36	296			10	0.2	30	10				36
37	297			10	0.2	36	10				37
38	298			10	0.2	30	10				38
39	83 EKS 299			12	0.2	26	10				39
40	STD D			114	4.2	102	15	GW1			40

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GEOCHEMICAL ANALYSTS & ASSAYERS

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

CERTIFICATE OF ANALYSIS

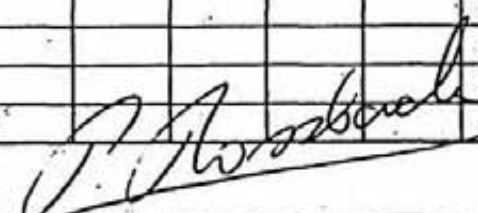
TO: AMAX MINERALS EXPLORATION
601 - 535 THURLOW ST.
VANCOUVER, B.C.

CERTIFICATE NO. 83161-14
INVOICE NO.
DATE ANALYSED JUNE 21/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 EKS 300			16	0.2	34	5				01
02	301			10	0.2	22	5				02
03	302			32	0.2	29	5				03
04	303			14	0.2	24	10				04
05	304			12	0.2	35	15				05
06	305			16	0.2	28	15				06
07	306			12	0.2	24	30				07
08	307			16	0.2	44	15				08
09	308			14	0.2	32	35				09
10	83 EKS 309			16	0.2	42	10				10
11	310			18	0.2	108	2				11
12	311			16	0.2	28	15				12
13	312			28	0.2	42	40				13
14	313			14	0.2	24	15				14
15	314			30	0.2	28	2				15
16	315			32	0.2	22	2				16
17	316			16	0.2	20	20				17
18	317			22	0.2	18	2				18
19	83 EKS 318			10	0.2	20	30				19
20	STD C			154	0.4	74	15	W6			20
21	83 EKS 319			14	0.2	26	15				21
22	320			12	0.2	24	10				22
23	335			14	0.2	20	15				23
24	336			10	0.2	24	25				24
25	337			10	0.2	26	30				25
26	338			14	0.2	28	15				26
27	339			10	0.2	26	10				27
28	340			12	0.2	16	10				28
29	341			*32	1.6	120	2				29
30	83 EKS 342			16	0.2	28	5				30
31	343			16	0.2	34	5				31
32	344			12	0.2	24	2				32
33	345			8	0.2	32	25				33
34	346			10	0.2	18	10				34
35	347			14	0.2	26	15				35
36	348			16	0.2	28	15				36
37	349			14	0.2	24	10				37
38	350			16	0.2	20	5				38
39	83 EKS 351			26	0.2	44	5				39
40	STD C			168	0.2	78	10	W6			40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by



Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

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

CERTIFICATE OF ANALYSIS

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

CERTIFICATE NO. 83161-15
INVOICE NO.
DATE ANALYSED JUNE 21/83
PROJECT 043

No.	Sample	pH	Mo	Cu	Ag	Pb	W				No.
01	83 EKS 352			16	0.6	24	10				01
02	353			16	0.6	18	20				02
03	354			18	0.6	20	15				03
04	355			12	0.4	12	20				04
05	356			16	0.2	20	25				05
06	357			16	0.6	22	20				06
07	358			14	0.8	26	15				07
08	359			8	0.6	20	10				08
09	360			14	0.6	24	35				09
10	83 EKS 361			12	0.4	26	70				10
11	362			18	0.4	28	70				11
12	363			18	0.2	24	120				12
13	364			16	0.2	22	45				13
14	365			16	0.6	20	40				14
15	366			18	0.2	40	15				15
16	367			10	0.2	50	25				16
17	368			16	0.2	44	20				17
18	369			24	0.2	80	10				18
19	83 EKS 370			16	0.2	26	15				19
20	STD D			112	4.4	98	70	GW 3			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
36											36
37											37
38											38
39											39
40											40

VALUES IN PPM UNLESS NOTED OTHERWISE

Certified by

J. Rossbacher

Rossbacher Laboratories Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

CERTIFICATE OF ANALYSIS

2225-6 SPRINGER AVE.
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

JUL 18 1983

CERTIFICATE NO. 83161-16

INVOICE NO.

DATE ANALYSED JUNE 21/83

PROJECT 043

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

No.	Sample	pH	Mo	Cu	Ag	Pb	W	Au				No.
01	83 FIT 1			92	1.4	520	10	10				01
02	S 2			38	0.4	910	40	10				02
03	T 3			1020	0.8	1420	2	10				03
04	T 4			2200	1.6	306	2	10				04
05	T 5			310	0.2	80	2	10				05
06	T 6			1220	0.6	476	2	10				06
07	T 7			148	1.0	188	2	40				07
08	T 8			1760	1.2	560	2	10				08
09	83 ETL 9			52	0.2	120	20	-				09
10												10
11												11
12												12
13												13
14												14
15												15
16												16
17												17
18												18
19												19
20												20
21												21
22												22
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29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
40												40

P. Rossbacher

APPENDIX III

STATEMENT OF COSTS

APPENDIX III

STATEMENT OF COSTS

Geological, Geochemical and Geophysical Surveys - May 25-June 7, 1983

Personnel

A.C. Hitchins-601-535 Thurlow Street, Vancouver, B.C. Project Geologist; 14 days @ \$177.60	\$2,486.40
G.W. Booth-107-50 Walmer Road, Toronto, Ontario Geologist; 13 days @ \$102.08	1,327.04
P.R. Elkins-1241 Barlynn Crescent, N. Van., B.C. Geological Assistant; 12 days @ \$68.05	816.60
S.B.Goertz-1038 Marigold Avenue, N. Van., B.C. Geological Assistant; 12 days @ 68.05	816.60

Room and Board - 51 man days @ \$25/day 1,275.00

Transportation - 2 trucks @ \$30/day each for 2 days 120.00

Canwest Aviation, Okotoks, Alberta

May 26/83 Inv.#3536 Hughes 500C 2.7 hrs.	1,236.60
June 6/83 Inv.#3536 Hughes 500C 2.6 hrs.	1,255.80

Trans North Air, Whitehorse, Y.T.

May 31/83 Inv.#03691 Hughes 500C 1.2 hrs.	564.68
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Equipment Rental - Geometrics G-816 Proton

Precession Magnetometer 12 days @ \$25/day 300.00

Geochemical Analyses - 540 samples Cu, Ag, Pb, W, Au

Rossbacher Laboratory, Burnaby, B.C. Inv.#3145 3,482.00

Report Preparation - Drafting

800.00
\$14,480.72
=====

We wish this work applied two years each - Heap 1 & 2

APPENDIX IV

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

NAME: A.C. Hitchins

ADDRESS: 601-535 Thurlow Street,
Vancouver, B.C. V6E 3L6

EDUCATION: University of Toronto - B.A. Sc. 1970
University of Toronto - M.Sc. 1973

EXPERIENCE: AMAX of Canada Limited - Staff Geologist - 1974 to present

G.W. Booth

#509 - 30 Charles Street West, Toronto, Ontario M4Y 1R5

Education - Secondary - University of Toronto Schools 1969-1973

Tertiary - Western Australian Institute of Technology,
1973-1974 University of Toronto, 1974-1980;
B.Sc. Geology 1978, M.Sc. Geology 1981.

Scholarships - Rotary International Student Exchange
Scholarship to Perth, Western Australia,
to attend the Western Institute of Technology

M.Sc. Thesis Topic - The Pamitug Lake Batholith; a large
(700 sq.km.) hypabyssal porphyritic acidic
intrusion of Paleohelikan age located in the
Baker Lake Basin of the N.W.T. A petrological,
geochemical and geophysical evaluation of the
body has been undertaken as part of a 1:250,000
scale regional mapping project of the Basin
itself, initiated by the Geological survey
of Canada in 1976.

Experience -1973 - Underground and surface labourer, Agnico Eagle
Gold Mines Ltd.
1975 - Junior Geologist, Camflo Gold Mines Ltd.
1976 - Junior Geologist, Hollinger Mines Ltd. Labrador
Mining Ltd.
1977 - Junior Geologist, United Siscoe Mines Ltd.
1978 - Senior Geologist, Geological Survey of Canada,
Precambrian Division
1979 - Senior Geologist, Geological Survey of Canada,
Precambrian Division
1980 - Senior Geologist - AMAX of Canada Limited - 1980
Field Season
1983 - Senior Geologist - Canamax Resources Inc.

STATEMENT OF QUALIFICATIONS

NAME P.R. Elkins

ADDRESS 1241 Barlynn Crescent,
North Vancouver, B.C.
V7J 1P5

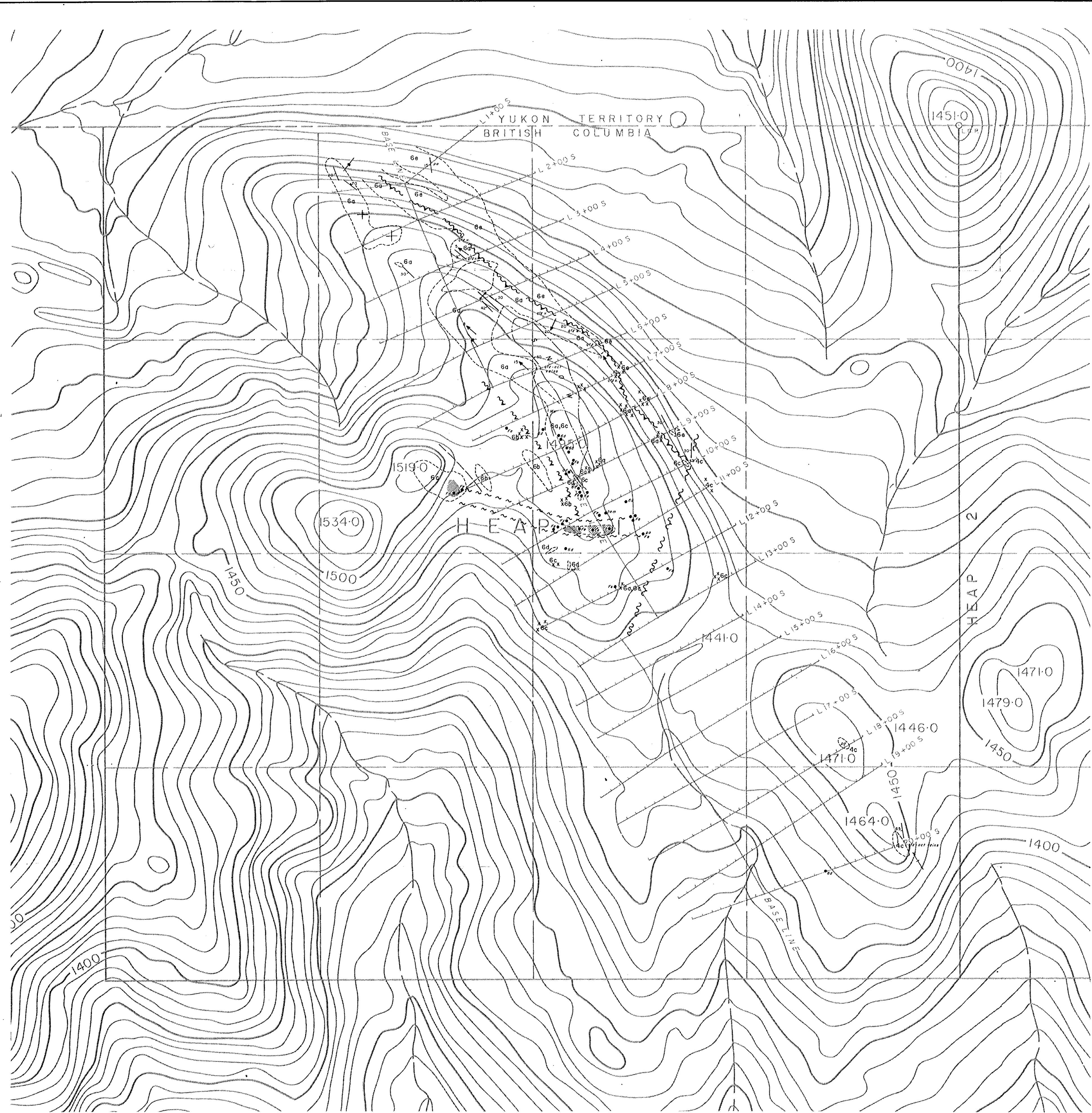
EDUCATION Capilano College - 1980/81 U.B.C. - 1982/83
First Year Sciences:
Courses in Physics, Calculus, Chemistry, Computer
Science and English
Second Year Sciences:
Courses in Linear Algebra, Calculus IV,
Thermodynamic Physics, Inorganic Chemistry,
Physical Geography

EXPERIENCE May 1 - August 29, 1981 - Campbell Resources Inc.
Geologist's helper
Summer 1980 - United Metal Fabricators
Production Worker
December 1980 - May 1982 - Sixth Field Squadron R.C.E.
Sapper (Private)
Summer 1982 - AMAX of Canada Limited
Geologist's Assistant
Summer 1983 - Canamax Resources Inc.
Geological Assistant

STATEMENT OF QUALIFICATIONS

NAME	S.B. Goertz
ADDRESS	1038 Marigold Avenue, North Vancouver, B.C. V7R 2E2
EDUCATION	Capilano College - Sept. 1980 - April 1982 Science (general) University of British Columbia - Sept. 1982 Geology (U2 major)
EXPERIENCE	June 1981 - August 1981 Chevron Standard Ltd. - Geological Trainee June 1982 - August 1982 Chevron Standard Ltd. - Geological Trainee 1983 Field Season Canamax Resources Inc. - Field Assistant

11,317



L E G E N D

- 6a Foliated light gray quartzite, arenite.
- 6b Yellowish rubbly weathering dol quartzite, arenite.
- 6c Dolomitic quartzite with variable calcsilicate mineral development.
- 6d Light green tremolite skarn.
- 6e Foliated variable hornfelsed and calcsilicate altered amphibolite.
- 4c Interbedded pale green calcsilicate and brown hornfels.

S Y M B O L S

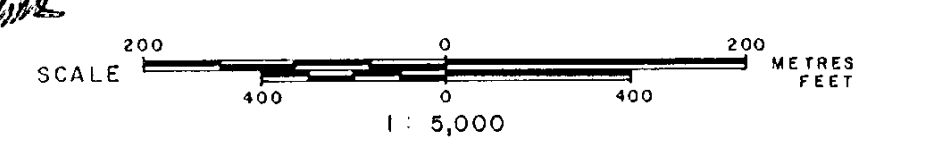
- Grid line.
- Legal corner post, claim boundary.
- Claim unit boundary.
- Stream.
- Topographic contour (contour interval 10 metres).
- Area of outcrop or felsenmeer, float, mineralized float.
- Geological contact.
- Jointing (inclined, vertical).
- Bedding (inclined, horizontal).
- Foliation.
- Fold axis.
- Fault (thrust fault, normal fault), showing downthrow.
- Limit of fracture and breccia zone cemented by iron oxides.
- Gossan or iron stain.

act. Actinolite Mn Manganese stain wall Wollastonite
 Fe Iron oxide cemented breccia po Pyrrhotite v. vein
 hem. Botryoidal hematite qtz quartz

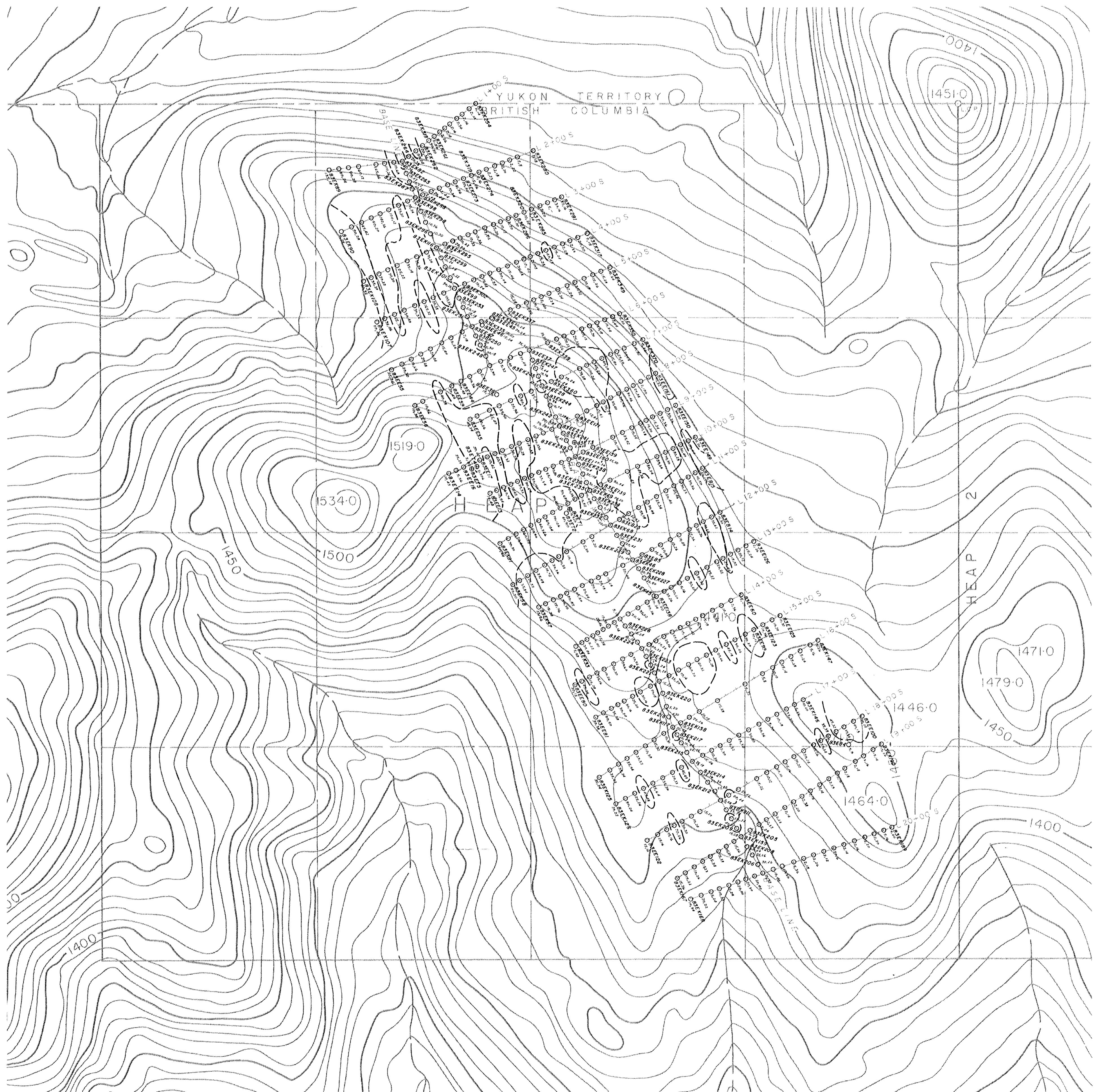
CANAMAX RESOURCES INC.
 TOOTSEE RIVER PROPERTY
 HEAP CLAIMS
 ATLIN MINING DIVISION - BRITISH COLUMBIA

Anthony H. Hitchens

GEOLOGICAL MAP



To accompany 1983 Report by: A. C. Hitchens.



S Y M B O L S

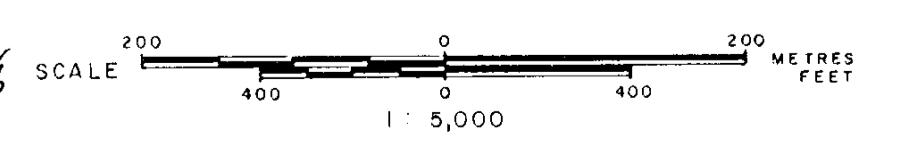
- Soil
} sample site; sample number; p.p.m. W, Pb.
(see APPENDIX for results on other elements).
- Rock chip
- Generalized 40 p.p.m. W contour.
- Grid line.
- Legal corner post, claim boundary.
- Claim unit boundary.
- Stream.
- Topographic contour (contour interval 10 metres).

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,317
CANAMAX RESOURCES INC.

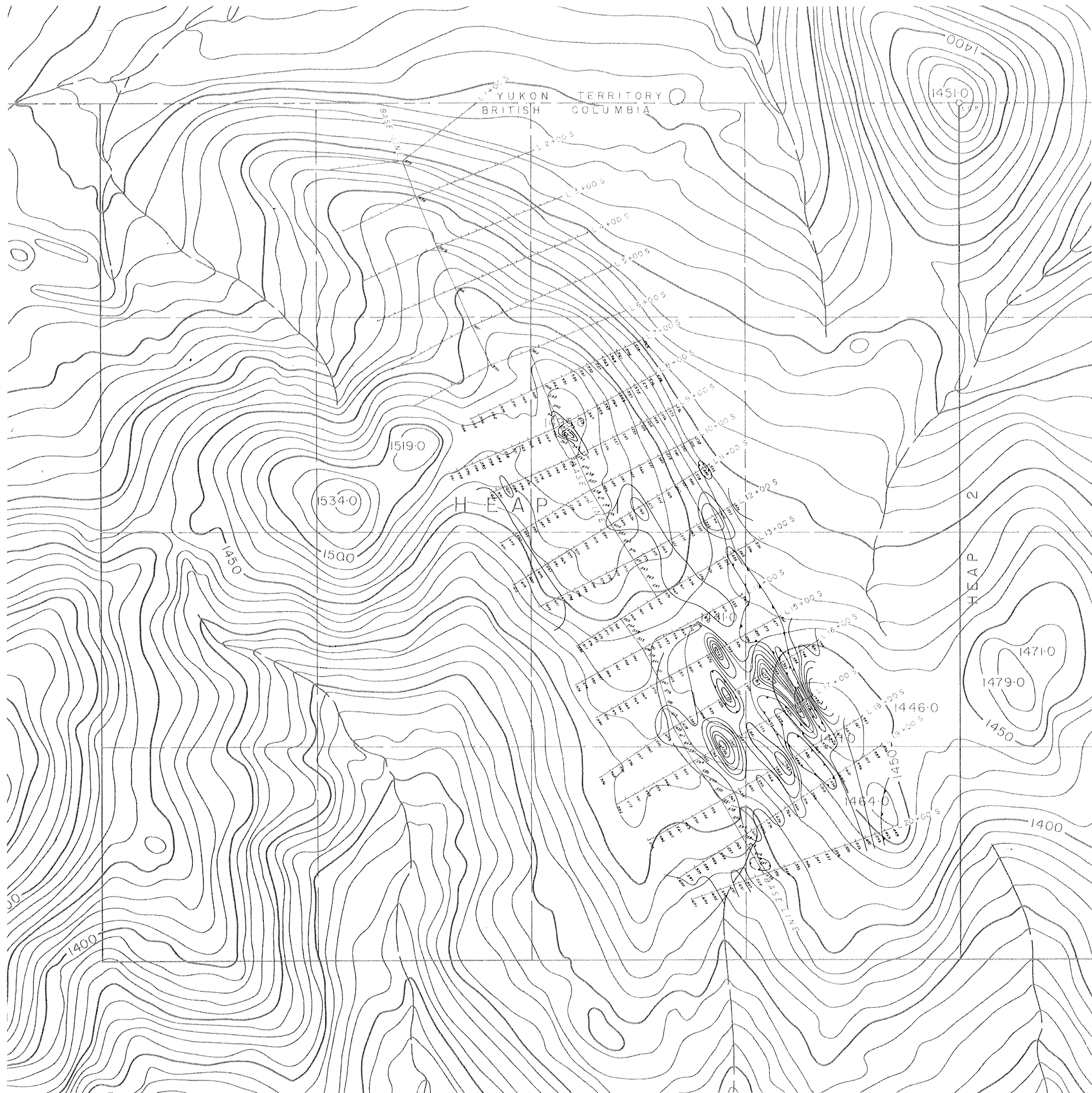
TOOTSEE RIVER PROPERTY
HEAP CLAIMS
ATLIN MINING DIVISION — BRITISH COLUMBIA
GEOCHEMICAL MAP

A. C. Hitchens



To accompany 1983 Report by: A. C. Hitchens.

Vancouver — H.P.



S Y M B O L S

- Magnetometer survey readings (base value 58,000 gammas).
- Isomagnetic contour (contour interval 100 gammas).
- Magnetic low.
- Grid line.
- Legal corner post, claim boundary.
- Claim unit boundary.
- Stream.
- Topographic contour (contour interval 10 metres).

INSTRUMENT	Geometrics G-816
MEASUREMENT	Total Field
OPERATOR	S. Goertz
DATE	May 30 - June 5

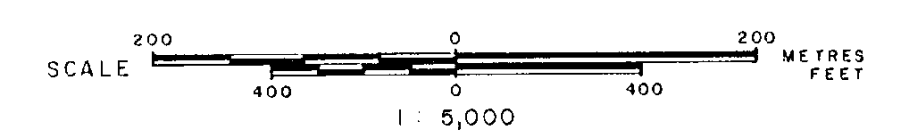
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,317

CANAMAX RESOURCES INC.
TOOTSEE RIVER PROPERTY
HEAP CLAIMS
ATLIN MINING DIVISION - BRITISH COLUMBIA

MAGNETOMETER SURVEY

Anthony Wilkins



To accompany 1983 Report by: A. C. Hitchins.