



52P12NW0041 2.15015 COLLISHAW LAKE

010

2.15015

SUMMARY REPORT
ON
GROUND MAGNETIC SURVEY
OVER THE
JULY FALLS CLAIM GROUP
IN THE
COLLISHAW LAKE AREA (G-1994)
PICKLE LAKE / NW-ONTARIO
(PATRICIA MINING DIVISION)

FOR

CHAMPION BEAR RESOURCES
CALGARY, ALBERTA



BY

HORST W. PETAK, Ph.D., P.Eng.
INDEPENDENT EXPLORATION SERVICES Ltd.

Anal. No. 2.11472

WINNIPEG, DECEMBER, 12th, 1992

W 9330. 00021



52P12NW0041 2.15015 COLLISHAW LAKE

010C

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Fig.1: INDEX MAP OF PROPERTY LOCATION

Fig.2: LOCATION OF CLAIMS (CLAIM MAP G-1314)

MAPS: (all in the scale of 1: 5,000)

MAP#1: GROUND MAGNETIC SURVEY / CONTOUR MAP

MAP#2: GROUND MAGNETIC SURVEY / POSTINGS

LOCATION & ACCESS

The JULY FALLS CLAIM GROUP is located in the COLLISHAW LAKE AREA about 30 km northeast of PICKLE LAKE in NW-ONTARIO. It is covered by CLAIM MAP G-1994 (Collishaw Lake). The area is situated within the PATRICIA MINING DIVISION in NW-ONTARIO (Fig.1)

The property is accessible from PICKLE LAKE via the WINDIGO ROAD. It is an all weather gravel road which crosses through the middle of the claim group about 30 km northeast of the community of Pickle Lake.

CLAIM STATUS

The JULY FALLS CLAIM GROUP is comprised of a total of 7 contiguous mining claims encompassing an area of about 576 Hectare (1,423 acres). It is situated in the Collishaw Lake area about 30 km northeast of PICKLE LAKE, NW-Ontario, within the PATRICIA MINING DIVISION. The location of the claims is shown in Fig.2 (Claim Map: COLLISHAW LAKE/ G- 1994). Appendix "A" of this report presents a listing of all the claims by their claim number.

The REGISTERED HOLDER of the mineral rights of these claims is:

CHAMPION BEAR RESOURCES LTD.
3805 - 7A STREET S.W.
CALGARY, ALBERTA
T2T 2Y8
PHONE: (403) 263 2190

CLT # 116945

The official ONTARIO REPRESENTATIVE of CHAMPION BEAR RESOURCES LTD. is:

BORDEN & ELLIOT
BANK OF COMMERCE BUILDING
250 UNIVERSITY AVE.
TORONTO, ONTARIO
M5H 3A9

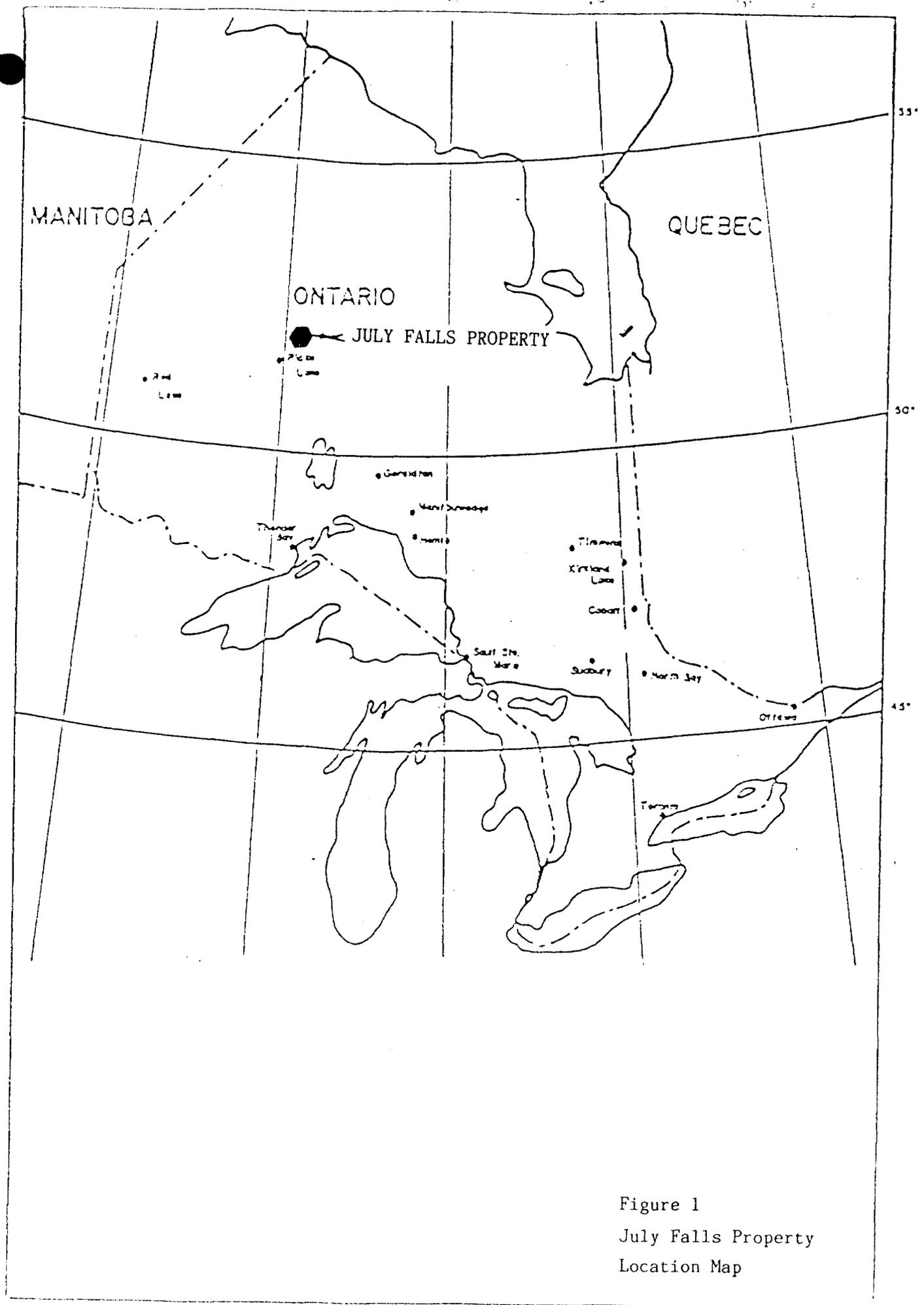
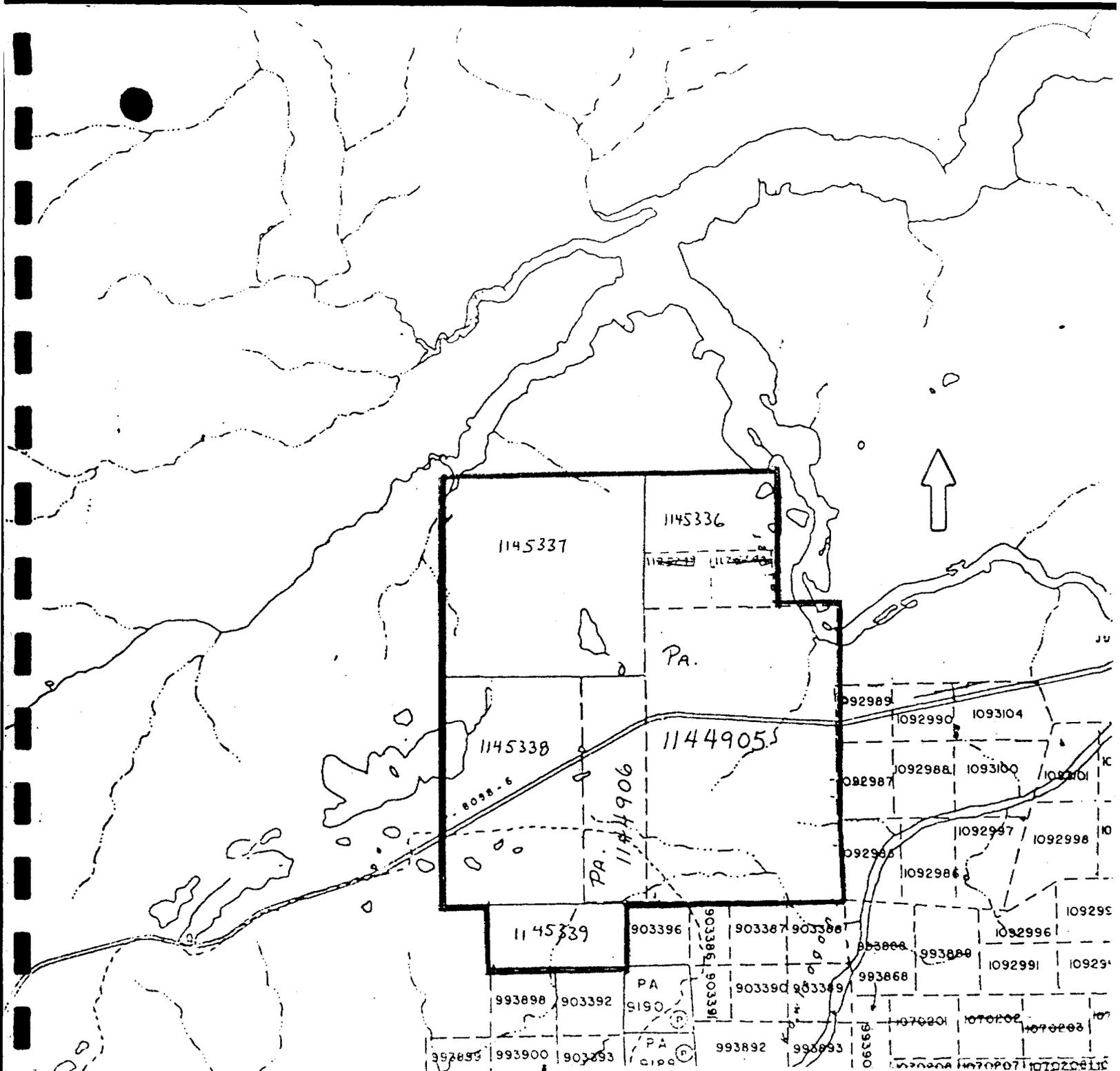
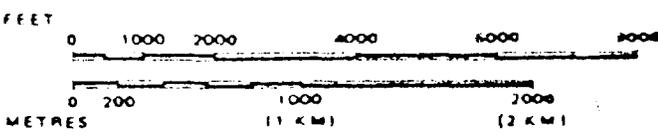


Figure 1
July Falls Property
Location Map



59' 58' 57'

SCALE: 1 INCH = 40 CHAINS



AREA
**COLLISHAW
 LAKE**

M. N. R. ADMINISTRATIVE DISTRICT
 SIOUX LOOKOUT
 MINING DIVISION
 PATRICIA

Number
G-1994

LAND TITLES / REGISTRY DIVISION
 KENORA (PATRICIA PORTION)

GEOPHYSICAL SURVEYS

During September, 1992, a four-men crew of Independent Exploration Services Ltd. completed a total of 92 km of picket lines and 2.5 km of base line. The picket lines were cut at intervals of 50 m and 100 m respectively. They were chained and picketed at 25 m intervals. The base line was set up with a bearing of 90o.

In November, 1992, Independent Exploration Services Ltd. carried out 92 km of GROUND MAGNETIC SURVEY. The survey was performed with an EDA OMNI-PLUS integrated microprocessor-based system. Field readings were taken along picket lines at station intervals of 12.5 meter. Data processing and plotting was done by the author on computer using Geosoft software system. All maps accompanying this report were plotted in a scale of 1: 5,000.

The EDA OMNI-PLUS system incorporates a proton precession magnetometer and thus measures the total magnetic field intensity. Data correction for diurnal drift was accomplished electronically by interfacing the field magnetometer with the base station magnetometer during each data dump procedure. Data were plotted and presented in two formats. Map#1 shows the data contoured at intervals of 25, 50, 100, and 1000 nT (1nT = 1 gamma). Map#2 contains the diurnally corrected data in digital format.

Most of the area is characterized by a generally very flat and featureless magnetic signature. With a few local exceptions, amplitudes are mostly under or around 100 nT. In only very few and local instances do amplitudes reach peaks of around 300 nT above a general background of 59000 nT. Such an overall flat magnetic relief suggests a quite monotonous bedrock geology of probably gneissic character and fairly uniform composition.

The only identifiable features in this otherwise magnetically featureless terrain are four very weak and generally narrow ridges.

1.) The largest of them seems to enter the grid area from the west at line L-14+00W between station 1+00S and 3+00N. Varying in width, it stretches to about line L-4+00W. This trend is not very well defined and shows up as a series of individual highs. It could possibly be caused by mafic volcanic remnants surrounded by felsic gneisses.

2.) The second anomaly occurs in the very southern part of the grid. Vaguely "S" shaped, it trends from L-9+00W / 18+00S to L-3+00W / 14+37S. It is a narrow, low amplitude, moderately defined ridge which could be the response of a folded narrow mafic dike.

3.) Entering the grid area on line L-11+00E at 12+75S this narrow and low amplitude anomaly reaches over to line L-4+50E and swings north to 7+75S. This anomaly could, like the one described before, also signify the presence of a narrow mafic dike.

4.) This is the smallest of the magnetic anomalies. It has a strike length of only about 200 m. Its axis strikes from L-4+50E / 12+50S to L-6+00E / 14+50S. It has the same characteristics as anomaly 2 and 3. It is most likely also caused by a mafic dike.

SUMMARY

Summarizing it can be noted that the dominant magnetic signature of the property is a very flat relief around an average intensity of 59,000 nT (+/- 30 nT). The only recognizable features are four narrow and very low amplitude magnetic anomalies. One of them could be caused by remnants of mafic volcanic rocks surrounded by gneisses of mafic composition. The three other ones seem to reflect narrow mafic dikes.

CONCLUSIONS & RECOMMENDATIONS

The ground magnetic survey over the July Falls claim group rendered inconclusive results.

To further evaluate the property a short geological reconnaissance mapping and sampling program is recommended.

CERTIFICATE

I, HORST W. PETAK, of the City of Winnipeg in the Province of Manitoba, hereby certify that:

- 1.) I am a Consulting Geologist with INDEPENDENT EXPLORATION SERVICES Ltd. of WINNIPEG, MANITOBA.
- 2.) I am a registered member in good standing with the Association of Professional Engineers of the Province of Manitoba.
- 3.) I graduated from the Karl Franzens University of Graz, Austria, in 1967, with a Ph.D. in Geology and I have practiced my profession in Canada since 1968.
- 4.) I do not have, nor do I expect to receive any interest in the property of Champion Bear Resources Ltd.
- 5.) This report is based on survey data as supplied to the author.

Winnipeg, December 12th, 1992

A handwritten signature in black ink, appearing to read "Horst W. Petak". The signature is written in a cursive style with a large, prominent loop at the end.

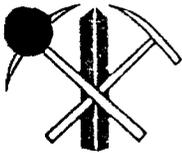
APPENDIX "A"

LIST OF CLAIMS:

(all claims are located within Claim Map
COLLISHAW LAKE / G-1994)

CLAIM #	HECTARE
PA 1144905	192
PA 1144906	48
PA 1145336	64
PA 1145337	144
PA 1145338	96
PA 1145339	32

Total:	576
=====	



INDEPENDENT EXPLORATION SERVICES LTD.

104 BROWNING BLVD.; WINNIPEG, MANITOBA; R3K 0L7
PHONE: (204)837-7641 FAX: (204)831-6349

2. 150 1

November 30, 1992

INVOICE #03.9205

G.S.T. R102476371

Champion Bear Resources Ltd.
3805 - 7A Street S.W.
Calgary, Alberta
T2T 2Y8

RE: JULY FALLS PROJECT

=====

INVOICE

GEOPHYSICAL MAGNETOMETER & VLF-EM SURVEY	
84.0 km @ \$120./km =	\$10,080.00
MOB - DEMOB	\$500.00
Subtotal	=====
	\$10,580.00
G.S.T. @ 7% =	\$740.60
TOTAL AMOUNT OF THIS INVOICE	=====
	\$11,320.60
	=====

=====

DUE UPON RECEIPT OF THIS INVOICE

THANK YOU !

*Posted
Date #55*





INDEPENDENT EXPLORATION SERVICES LTD.

104 BROWNING BLVD.; WINNIPEG, MANITOBA; R3K 0L7
PHONE: (204)837-7641 FAX: (204)831-6849

October 31, 1992

INVOICE #02.9205

G.S.T. R102476371

Champion Bear Resources Ltd.
3805 - 7A Street S.W.
Calgary, Alberta
T2T 2Y8

RE: JULY FALLS PROJECT

=====

INVOICE

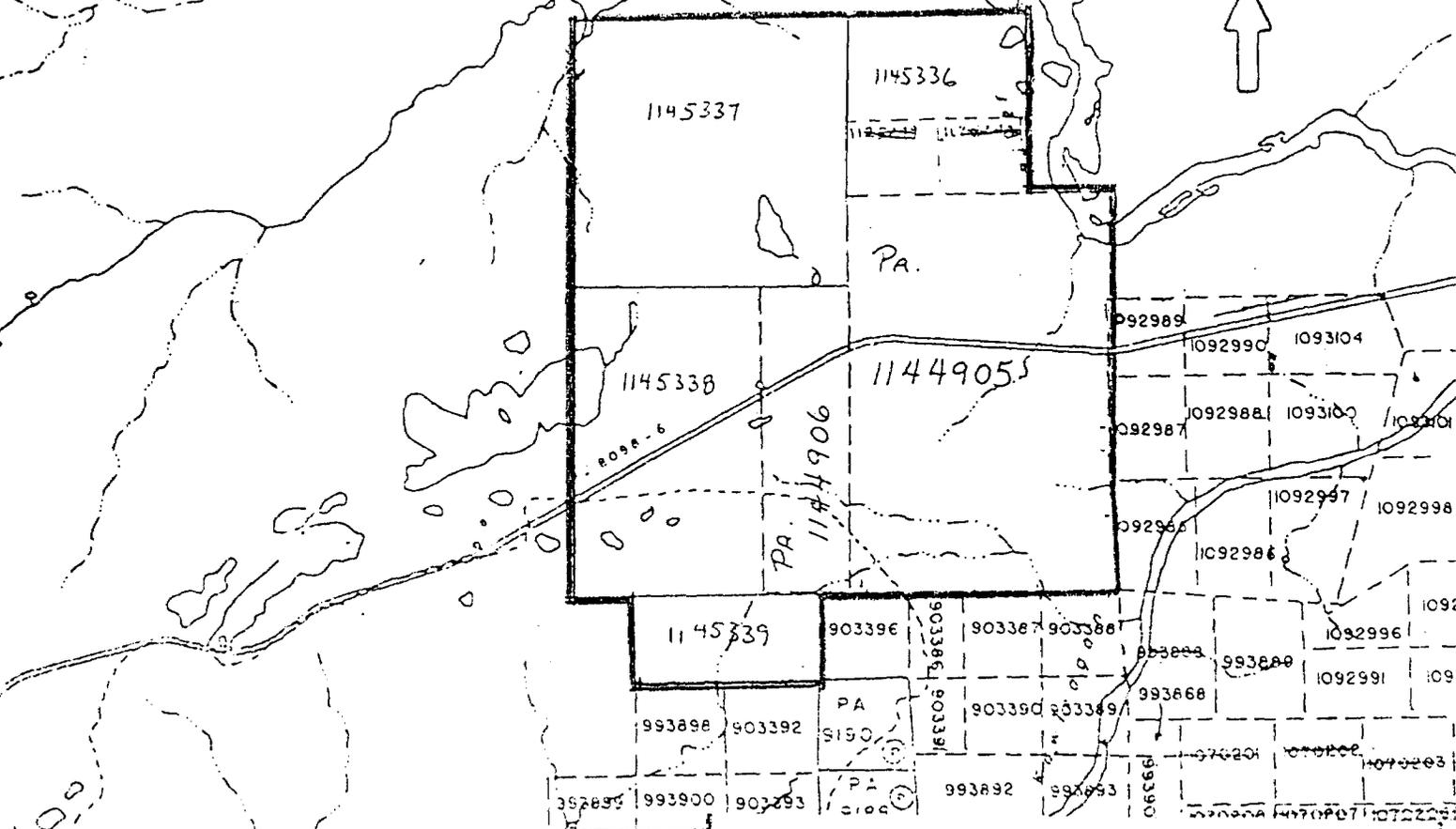
LINE CUTTING FEE:		
87.5 km @ \$280./km =		\$24,500.00
MOB - DEMOB		\$2,500.00
	=====	
Subtotal		\$27,000.00
G.S.T. @ 7% =		\$1,890.00
	=====	
TOTAL AMOUNT OF THIS INVOICE		\$28,890.00
	=====	

=====

DUE UPON RECEIPT OF THIS INVOICE

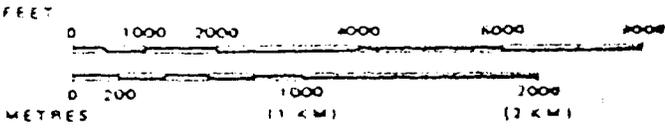
THANK YOU !





59' 58' 57'

SCALE: 1 INCH = 40 CHAINS



AREA COLLISHAW LAKE

M. N. R. ADMINISTRATIVE DISTRICT

SIoux LOOKOUT

MINING DIVISION

PATRICIA

LAND TITLES / REGISTRY DIVISION

KENORA (PATRICIA PORTION)

Number
G-1994



52P12NW0041 2.15015 COLLISHAW LAKE

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Section
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

Our File: 2.15015
Transaction #: W9330.00021

September 8, 1993

Mining Recorder
Ministry of Northern
Development and Mines
P.O. Box 3000
Queen and Fourth
Sioux Lookout, Ontario
P8T 1C6

Dear Madam:

**RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS PA 1144905 ET AL. IN
THE COLLISHAW LAKE AREA.**

**The Assessment Credits for GEOPHYSICS, section 14 of the Mining Act
Regulations, as listed on the above report of work, have been approved
as of AUGUST 27, 1993.**

Please indicate this approval on the claim record sheets.

If you have any questions please call Clive Stephenson at
(705) 670-5856.

Yours sincerely,

Ron C. Gashinski

D Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

CD
CDS/dm

cc: Assessment Files Office ✓
Toronto, Ontario

Resident Geologist
Sioux Lookout, Ontario

Report of Work Conducted After Recording Claim

Transaction Number
W9330.00021

Mining Act

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15015

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) Champion Bear Resources Ltd.		Client No. 116945
Address 3805 - 7A Street S.W.; Calgary, Alberta; T2T 2Y8		Telephone No. 403-243-6997
Mining Division Patricia	Township/Area Collishaw Lake	M or G Plan No. G-1994
Dates Work Performed From: September 1, 1992		To: November 30, 1992

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	Total field magnetometer
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

RECEIVED
MAY 12 1993
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 40,211.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Independent Exploration Services Ltd.	104 Browning Blvd.; Winnipeg, Manitoba; R3K 0L7
Horst W. Petak	

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date April 11, 1993	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying L. C. Chastko; 104 Browning Blvd.; Winnipeg, Manitoba; R3K 0L7		
Telephone No. 204-837-7641	Date April 11, 1993	Certified By (Signature) <i>[Signature]</i>

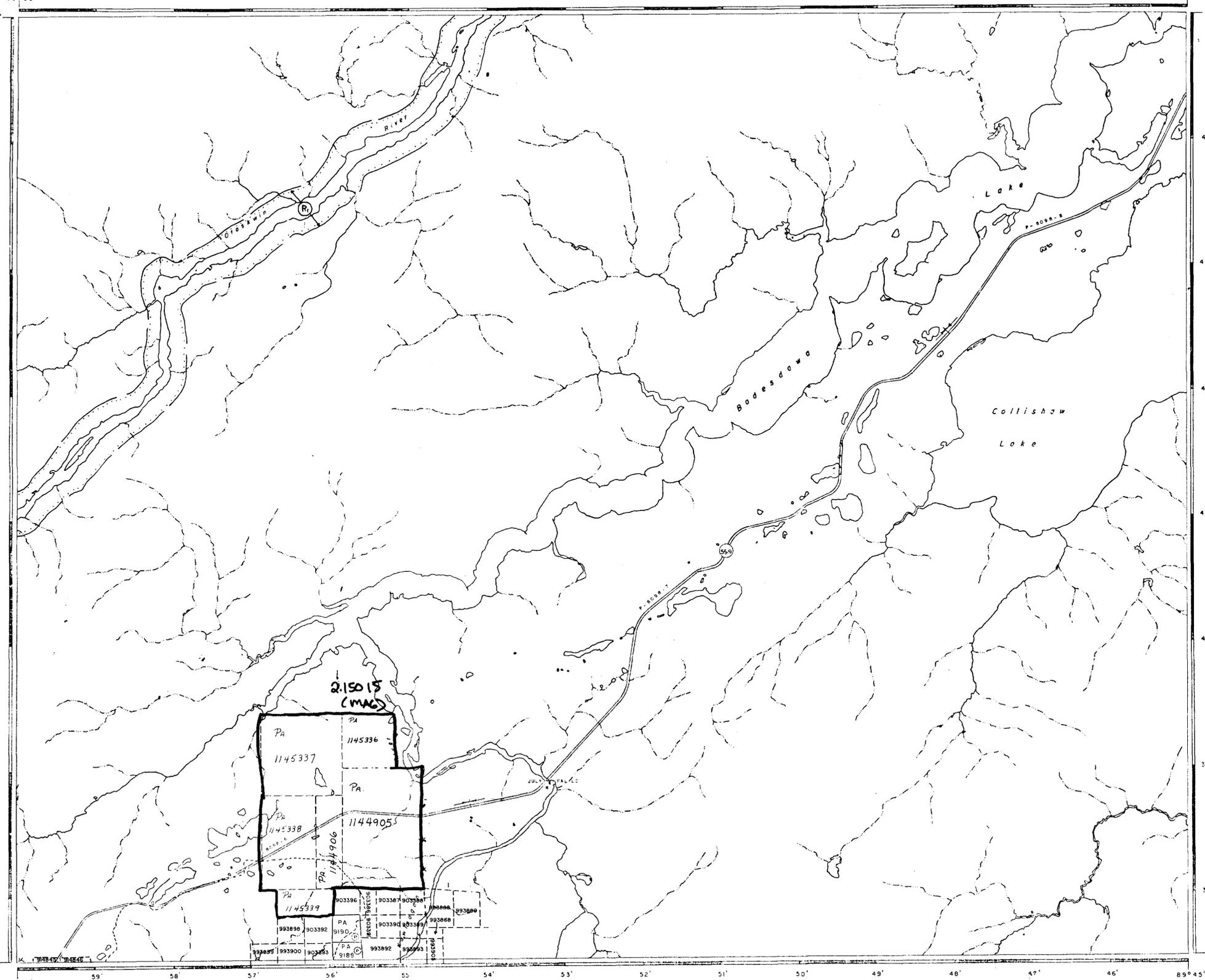
For Office Use Only

Total Value Cr. Recorded # 40,211	Date Recorded 93 APRIL 14	Mining Recorder. <i>[Signature]</i>	Recorded Stamp RECEIVED APR 14 1993 PATRICIA MINING DIVISION
	Deemed Approval Date 93 JULY 13	Date Approved	
	Date Notice for Amendments Sent		

July 1910
 July 1910 C
 Sept. 1910 C
 Oct 1910
 Dec 1911
 Dec 1911 C

Sproule River G-2223

ATIK LAKE G-1938



LEGEND

HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES & C.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH - MUSKOGEE	
MINES	
TRAVEL MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1978, CHAP. 380, SEC. 83, SUBSEC. 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
Ⓡ Park Reserve	W42,633	6/23/83	S+M	198588

FOREST ACTIVITY INFORMATION

THIS TOWNSHIP/AREA FALLS WITHIN THE

AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE M.N.R. UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:

P.O. BOX 306
 SIOUX LOOKOUT, ONTARIO P0V 2T0
 (807) 737-1140

SCALE: 1 INCH = 4000 FEET 150 15

FEET 0 1000 2000 4000 6000 8000
 METRES 0 200 1000 2000
 (1 KM) (2 KM)

AREA COLLISHAW LAKE

MINING RIGHTS PATENT SUBJECT

SIOUX LOOKOUT

MINING RIGHTS

PATRICIA

MINING RIGHTS

KENORA

MINING RIGHTS

Ontario Ministry of Natural Resources Land Management Branch

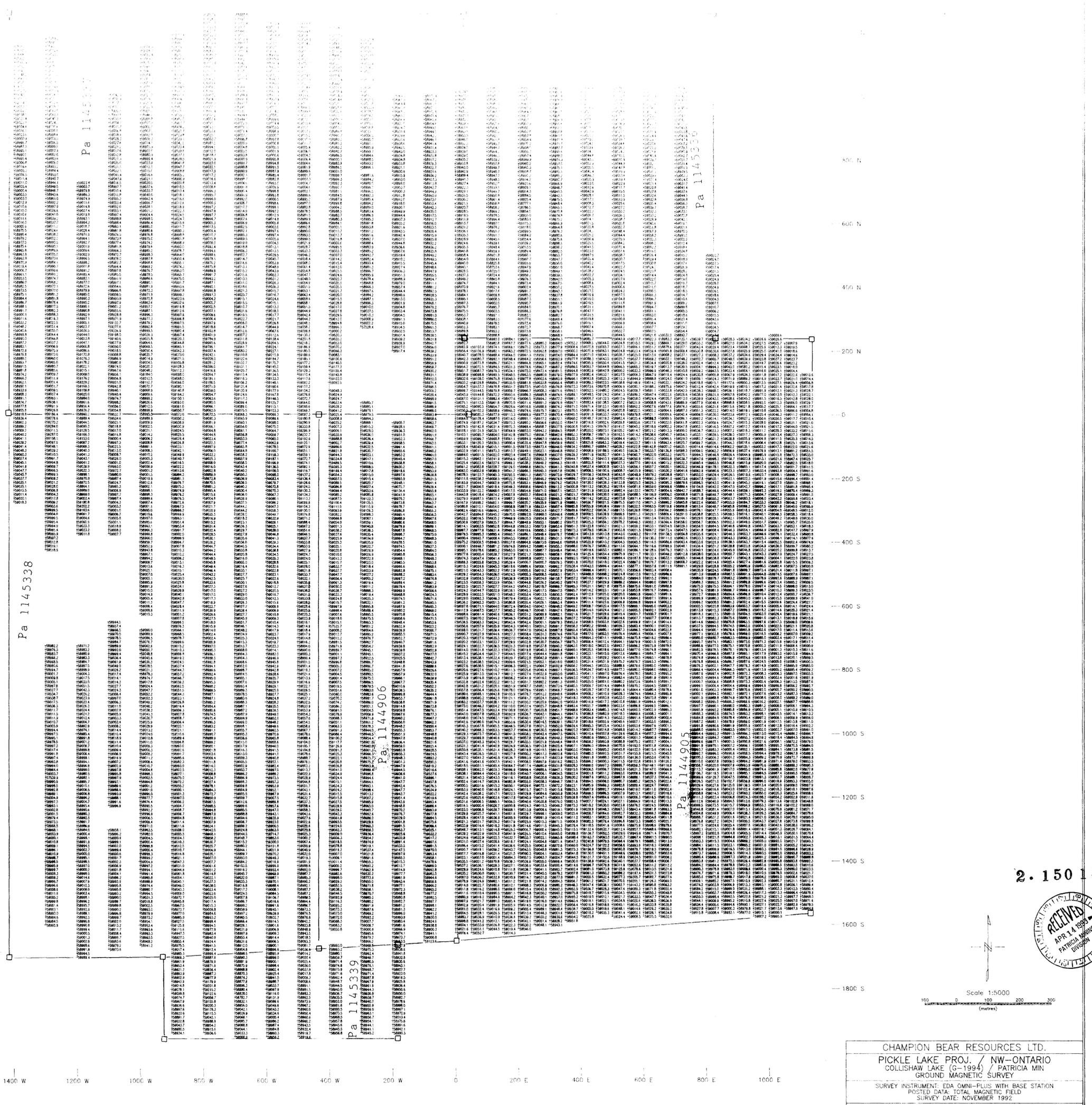
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

FIRSTLOON LAKE G-2037

516894



93 APR 9 10 57
 MINING RECORDER
 PATRICIA
 MINING DIVISION

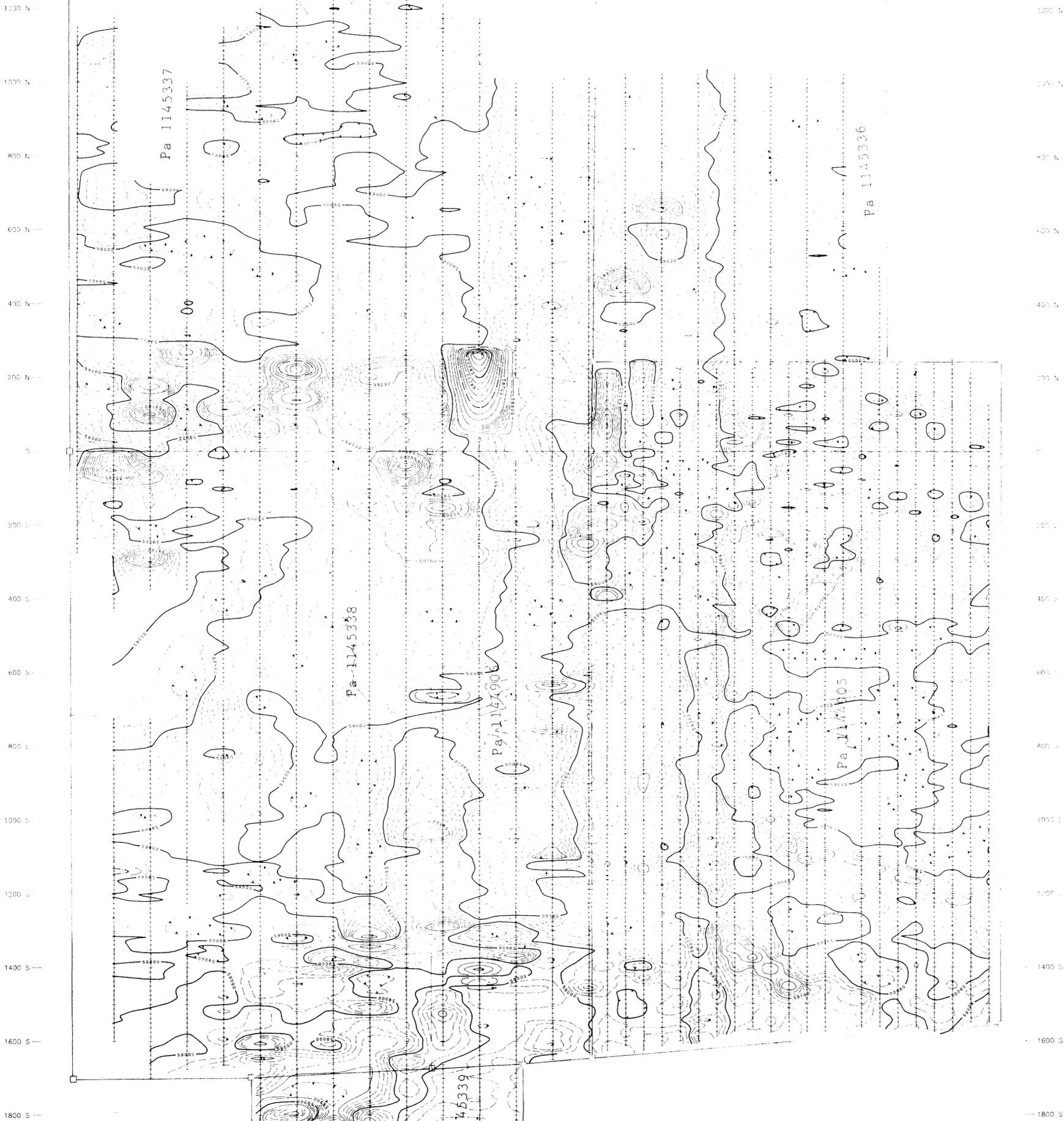


CHAMPION BEAR RESOURCES LTD.
 PICKLE LAKE PROJ. / NW-ONTARIO
 COLLISHAW LAKE (G-1994) / PATRICIA MIN
 GROUND MAGNETIC SURVEY
 SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
 POSTED DATA: TOTAL MAGNETIC FIELD
 SURVEY DATE: NOVEMBER 1992
 BY: INDEPENDENT EXPLORATION SERVICES Ltd., WINNIPEG, MAN.



2. 15015

1400 W 1200 W 1000 W 800 W 600 W 400 W 200 W 0 200 E 400 E 600 E 800 E 1000 E



1400 W 1200 W 1000 W 800 W 600 W 400 W 200 W 0 200 E 400 E 600 E 800 E 1000 E

1200 N 1000 N 800 N 600 N 400 N 200 N 0 200 S 400 S 600 S 800 S 1000 S 1200 S 1400 S 1600 S 1800 S

2.15015



<p>CHAMPION BEAR RESOURCES LTD. PICKLE LAKE PROJ. / NW-ONTARIO COLLISHAW LAKE (G-1994) / PATRICIA MIN GROUND MAGNETIC SURVEY</p> <p>SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION CONTOURED DATA: TOTAL MAGNETIC FIELD SURVEY DATE: NOVEMBER 1992</p> <p>BY: INDEPENDENT EXPLORATION SERVICES Ltd., WINNIPEG, MAN.</p>
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