

52F09SE8298 2.14964 HYNDMAN

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SUMMARY REPORT
ON
MAGNETIC & VLF-EM SURVEYS
OVER THE
TACHE CLAIM GROUP
IN

REVELL TWP. (G-1321)
DRYDEN AREA / NW-ONTARIO
(KENORA MINING DIVISION)

FOR
CHAMPION BEAR RESOURCES Ltd.
CALGARY, ALBERTA

BY

HORST W. PETAK, Ph.D., P.Eng.
INDEPENDENT EXPLORATION SERVICES Ltd.
Qv.12.3152

WINNIPEG, DECEMBER, 8th, 1992

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Fig.1: INDEX MAP OF PROPERTY LOCATION

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

Fig.3: GEOLOGICAL SETTING OF THE PROPERTY

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

MAP=1: GROUND MAGNETIC SURVEY / CONTOUR MAP

MAP=2: GROUND MAGNETIC SURVEY / POSTINGS

MAP=3: VLF-EM SURVEY / PROFILE MAP

MAP=4: VLF-EM SURVEY / FRASER FILTERED AND CONTOURED
IN-PHASE

MAP=5: VLF-EM SURVEY / IN-PHASE POSTINGS

MAP=6: VLF-EM SURVEY / QUADRATURE POSTINGS

MAP=7: COMPIILATION MAP

SUMMARY

In July, 1992, INDEPENDENT EXPLORATION SERVICES Ltd. completed a GROUND MAGNETIC and VLF-EM SURVEY over the western part of TACHE CLAIM GROUP in REVELL TWP east of DRYDEN / NW-ONTARIO. The property is owned by CHAMPION BEAR RESOURCES Ltd. of CALGARY, ALBERTA.

The objective was to delineate areas with potential of the same or similar geology and mineralization as observed in the known showing. The showing, which is located within claim # 1144910, consists of a massive, mafic, gabbroic textured rock hosting disseminated sulfide mineralization from which Cu-, Ni-, Pt-, Pd-, and Au values have been reported. Since most of the area is overburden covered, emphasis is on geophysical methods.

The ground magnetic survey revealed two additional areas with potential for the presence of conditions as visible in the showing. The type of sulphide mineralization in the showing did not return VLF-EM responses. It appears rather of the kind that would respond well to induced polarization methods. To follow up on the ground magnetic results a small-scale IP-survey is therefore suggested. Depending on results some diamond drilling seems warranted.

CONCLUSIONS & RECOMMENDATIONS

The magnetic pattern revealed by the magnetic survey identified a generally rather flat magnetic relief over the grid area. It reflects however fairly well the underlying bedrock geology which is made up predominantly of felsic intrusive rocks and mafic volcanic rocks. The survey also delineated three discreet low amplitude magnetic anomalies. One of them is associated with a small body of massive mafic gabbroic rock which hosts the Cu/Ni mineralization of the showing on claim# 1144909. The other two occur in areas with no bedrock exposure. They do however have good potential of being caused by the same rock type which in turn could carry economic Cu/Ni values.

The mineralization in the showing occurs as heavy disseminated sulfides which did not respond to the VLF EM method. To further evaluate the economic potential of the magnetic anomalies a small scale IP-survey is therefore recommended. Depending on results from such a survey, some diamond drill testing should be considered.

LOCATION & ACCESS

The TACHE CLAIM GROUP is situated in the central portion of REVELL TWP. (CLAIM MAP # G-1321) about 50 km southeast of the city of DRYDEN in NW-ONTARIO (Fig.1). It is located within the KENORA MINING DIVISION.

The property is accessible from TRANS-CANADA HIGHWAY # 17 via the BASKET LAKE LOGGING ROAD leading to the northeast, and a secondary logging road branching off to the west immediately south of the Canadian Pacific rail crossing.

CLAIM STATUS

The TACHE GROUP OF CLAIMS is comprised of a total of 12 contiguous mining claims encompassing an area of 384 Hectare (948.85 acres). It is situated in REVELL TWP southeast of Dryden, NW-Ontario, within the KENORA MINING DIVISION. The location of the claims is shown in Fig.2 (Claim Map: REVELL TWP / G- 1321). 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 349

Canada

MÉTRIQUE

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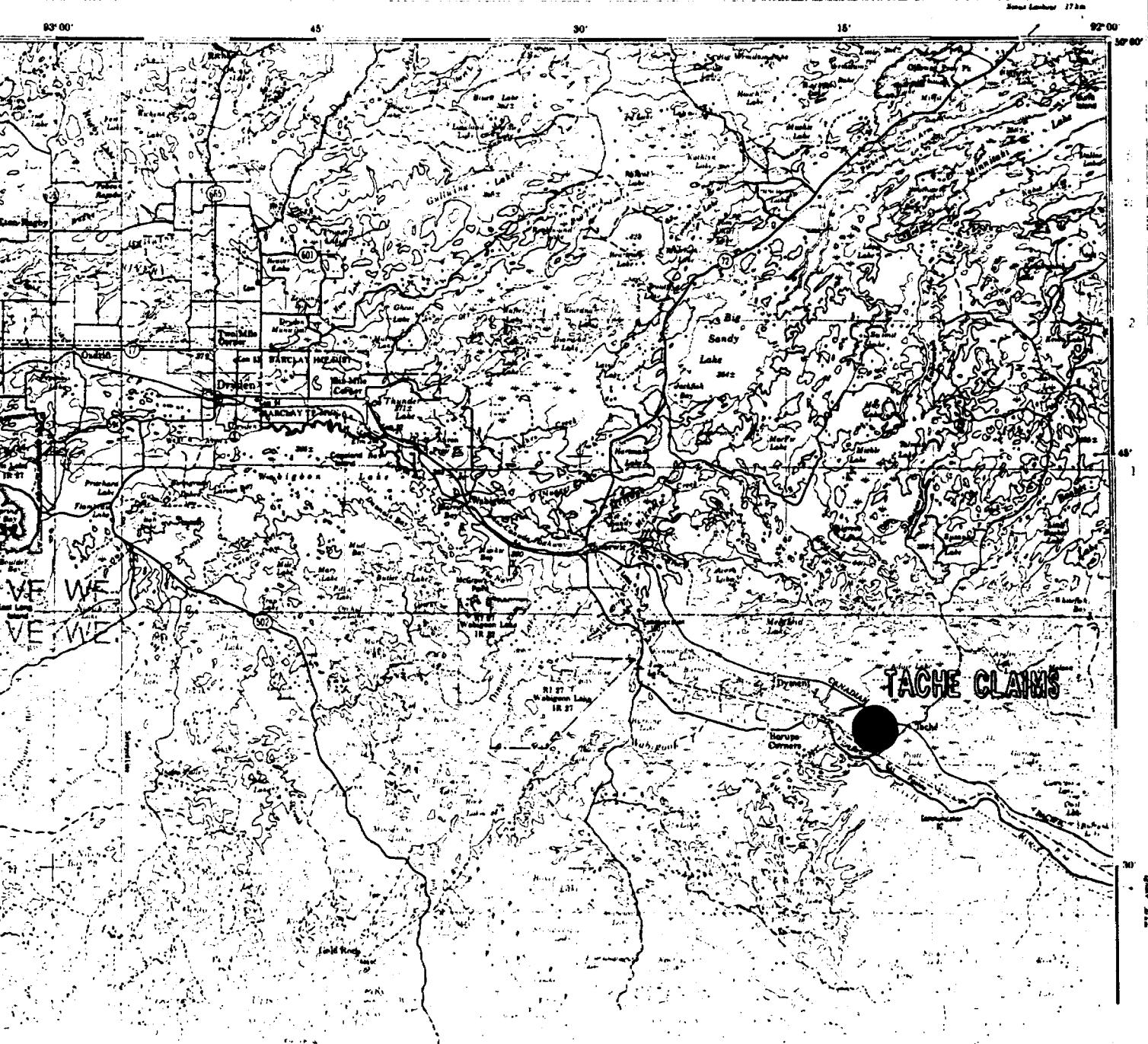


Fig.1: INDEX MAP OF PROPERTY LOCATION

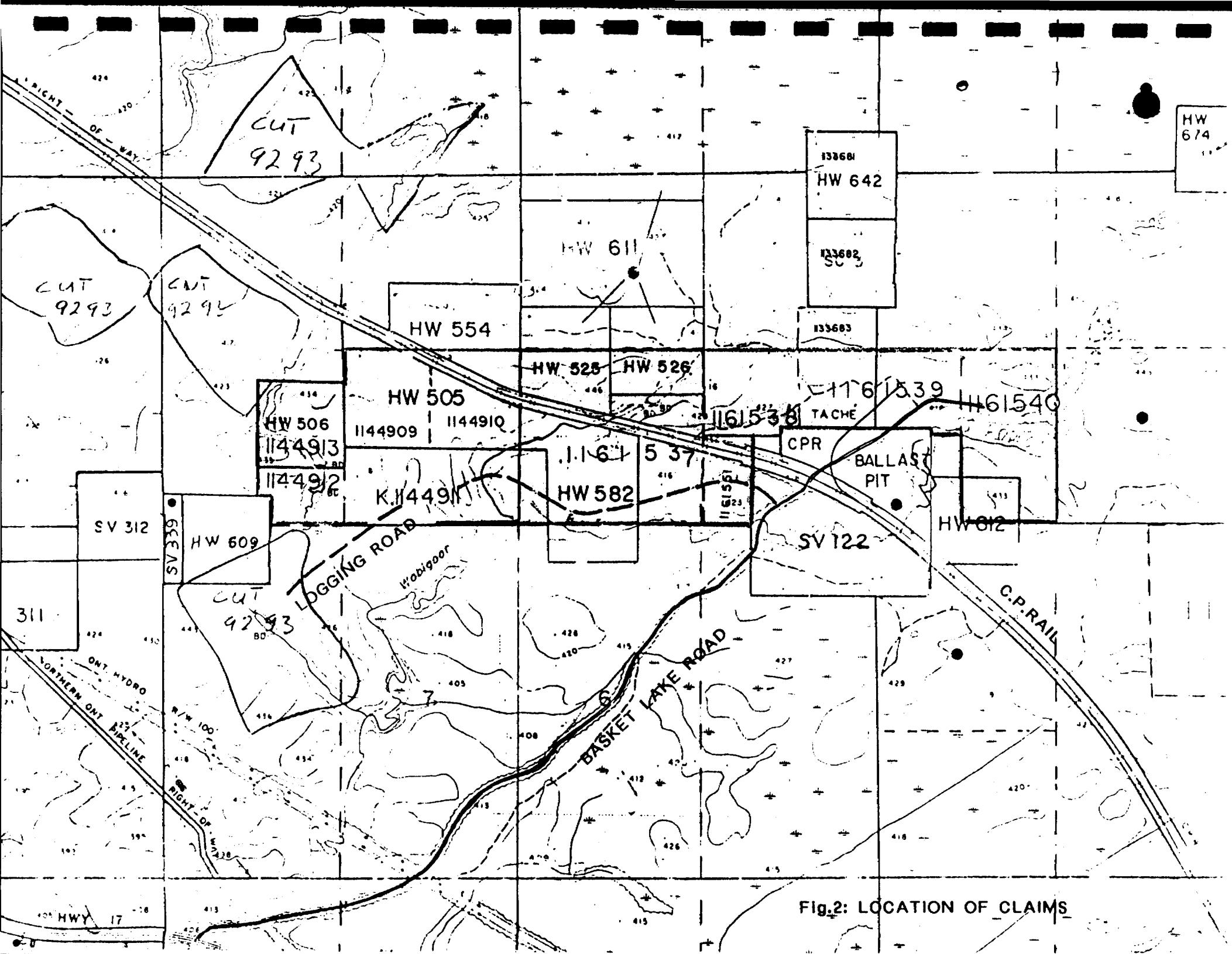


Fig.2: LOCATION OF CLAIMS

EXPLORATION HISTORY

Although the Cu/Ni occurrence had been known for a long time, only rather sketchy information is available. In 1967 the showing was drill tested. Out of 8 drill holes assays were reported only for one hole (Sklanka R., 1971, MRC No.13, O.G.S.). Hole #2 cut a 10 foot intersection assaying 0.77% Cu and 0.64% Ni and 12 feet of 0.90% Cu and 0.66% Ni. A grab sample from the trench was assayed by INCO and returned >1.0% Cu, 0.33% Ni, 0.01 oz/t Pt, 0.02 oz/t Pd, and 0.015oz/t Au.

In 1991 Bob Fairservice, a prospector from Kenora, staked 5 claims in the area covering the showing. In 1992 he entered an option agreement with Champion Bear Resources Ltd. from Calgary who he then signed the claims over to. Champion Bear Resources Ltd. subsequently staked 7 additional claims.

GEOLOGY

The last regional mapping of the area was completed by a G.S.O. crew in 1958 and was covered in ODM report Vol.69, pt.6 by Satterly, J., 1960. Fig.3 illustrates the geological setting of the property.

All bedrock in the area is Precambrian in age and consists of volcanic series (mostly basaltic flows) which are intruded by granitic to granodioritic rocks of the Revell granitic complex. Between the granitic batholith and the volcanic rocks occurs a lenticular zone of a dark-green, mostly medium-grained diorite, composed predominantly of plagioclase and hornblende and occasionally minor amounts of quartz and biotite. Transitional contacts to the volcanics and intrusive contacts to the granites suggest that this diorite could be the product of contact metamorphism during the emplacement of the granitic intrusives. This diorite is the host rock of the Cu/Ni showings on the Revell- as well as on the Hyndman claim group.

GEOPHYSICAL SURVEYS

During June, 1992, a four-men crew of Independent Exploration Services Ltd. completed a total of 13.1 km of picket lines and 1 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 110°.

In July, 1992, Independent Exploration Services Ltd. carried out 13.1 km of GROUND MAGNETIC SURVEY and the same amount of VLF-EM 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.

The magnetic pattern seems to reflect fairly well the three main rock units composing the bedrock geology of the grid area. A maximum overall amplitude ranges from slightly below 58750 nT (on line L-5+00E / 3+00S) to a maximum of 59644 nT (on Line L-3+00 / 2+00 S). Average amplitudes however are in the magnitude of 100 to 200 nT. Intensities below 59000 nT seem to reflect the granitic intrusive rock units which dominate in the central and eastern central part of the grid as well as most of the area south of BL 0+00. Mafic volcanic rocks (generally flow rocks) which underlie mostly the northern and northeastern grid area, seem to have a magnetic signature ranging from 59000 nT to 59100 nT. Magnetic expressions above 59100 nT could be due to gabbroic rocks of the type hosting the Cu/Ni showing located at the intersection of BL 0+00 and 1 0+00. The showing lies on the southern edge of one of the three prominent magnetic highs within the grid area. The other two occur on L-3+00E (between 1+75S and 2+00S) and on L-6+00E (between 3+25N and 4+00N) respectively. Their amplitude ranges from 300 nT (about 30 m west of the showing) to 400 nT (on L-3+00E and L6+00E resp.).

Except for the immediate outcrop area hosting the showing, the bedrock causing the afore mentioned magnetic highs is covered by swamp.

VLF-EM data were plotted on MAPS# 3 to 6 (all in the scale of 1: 5,000). Map# 3 shows the profiled IN-PHASE and QUADRATURE component. The Fraser filtered IN-PHASE has been contoured and plotted on Map# 4. Maps# 5 and 6 contain the posted IN-PHASE and QUADRATURE readings. The TRANSMITTER STATION "NAA" located at CUTLER, MAINE, USA, was used throughout the survey. It transmits at a frequency of 24.0 kHz with a power output of 1000 kW.

Aside from a strong electromagnetic response caused by the CPR tracks running through the northern part of the grid area, the VLF-EM survey did not detect any bedrock conductors. The Fraser filtered in-phase anomalies coincide mostly with swamps and swamp edges, and could be conductive overburden responses or topographic responses like slope effects. A disseminated type of sulphide mineralization as visible in the showing would not respond to electromagnetic methods. Making use of induced polarization effects from sulphide minerals in such a type of mineralization could provide a more diagnostic method of evaluation.

The magnetic highs, as mentioned before, do have the potential of being caused by the same type of gabbroic rocks which host the disseminated Cu/Ni mineralization of the showing. To further evaluate this potential a small scale selective IP-survey seems appropriate.

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LIST OF REFERENCES

SATTERLY, J., 1969: Geology of the Dyment Area
O.D.M., Vol.69, Part 6

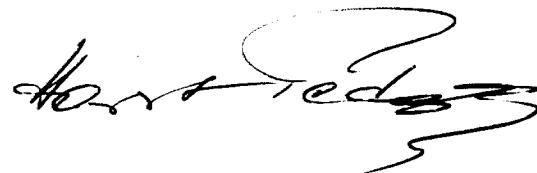
CERTIFICATE

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 personal supervision of the surveys reported on and on familiarity with the property and surrounding areas through personal visits and research of available literature.

Winnipeg, December 8th, 1992

Horst W. PETAK, Ph.D., P.Eng.



APPENDIX "A"

LIST OF CLAIMS:

(all claims are located in REVELL TWP)
(CLAIM MAP: G-1321)

CLAIM #	HECTARE	EXPIRY DATE
1161537	64	Jul 3 94
1161538	16	Jul 3 94
1161539	32	Jul 3 94
1161540	32	Jul 3 94
1161541	32	Jul 3 94
1161542	96	Jul 3 94
1161551	16	Jul 3 94
1144909	16	May 30 93
1144910	16	May 30 93
1144911	32	Sep 24 93
1144912	16	Apr 29 94
1144913	16	Apr 29 94
Total:		384



SUMMARY REPORT
ON
MAGNETIC & VLF-EM SURVEYS
OVER THE
HYNDMAN CLAIM GROUP
IN

HYNDMAN TWP. (G-1314)
DRYDEN AREA / NW-ONTARIO
(KENORA MINING DIVISION)

FOR

CHAMPION BEAR RESOURCES Ltd.
CALGARY, ALBERTA

BY

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

WINNIPEG, DECEMBER, 15th, 1992



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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

MAP#3: VLF-EM SURVEY / PROFILE MAP

MAP#4: VLF-EM SURVEY / POSTINGS IN-PHASE & QUADRATURE

SUMMARY

In July, 1992, INDEPENDENT EXPLORATION SERVICES Ltd. completed a GROUND MAGNETIC and VLF-EM SURVEY over four claims of the HYNDMAN CLAIM GROUP in HYNDMAN TWP east of DRYDEN / NW-ONTARIO. The property is owned by CHAMPION BEAR RESOURCES Ltd. of CALGARY, ALBERTA.

The objective was to delineate areas with potential for the same or similar geology and mineralization as observed in two old trenches just south of the base line, on line L-13+00E. Located within claim # 1161546, the two trenches uncovered a massive, mafic, gabbroic textured rock hosting disseminated sulfide mineralization from which Cu and Ni values have been reported.

The ground magnetic survey revealed a narrow magnetic ridge with moderate amplitudes which coincides at its southeastern end with the Cu/Ni mineralization found in the two trenches. The disseminated nature of mineralization is expected to produce good IP effects. To further evaluate this magnetic anomaly a small scale IP-survey is therefore warranted. Depending on results and on overburden conditions some stripping and /or diamond drill testing might be advisable.

CONCLUSIONS & RECOMMENDATIONS

Aside from differentiating between granitic intrusive and mafic volcanic terrains, the magnetic survey delineated a narrow northwesterly trending anomaly which at one end coincides with known disseminated Cu/Ni sulfide mineralization. Since this type of mineralization did not respond to VLF-EM, a small scale IP-survey is recommended to further evaluate the entire length of the magnetic anomaly. Depending on results from such a survey some overburden stripping and possibly a small diamond drill program should be considered.

LOCATION & ACCESS

The HYNDMAN CLAIM GROUP is situated in the southwest corner of HYNDMAN TWP. (CLAIM MAP # G-1314) north of Trans-Canada Hwy#17, about 60 km southeast of the city of DRYDEN in NW-ONTARIO (Fig.1). It is located within the KENORA MINING DIVISION.

The property is accessible from TRANS-CANADA HIGHWAY # 17 via a pipeline access road starting at the REVELL PICNIC PARK on the north side of the highway. A short stretch of the highway itself also leads through the very south part of the property (Fig.2).

CLAIM STATUS

The HYNDMAN GROUP OF CLAIMS is comprised of a total of 7 contiguous mining claims encompassing an area of 496 Hectare (1,225.6 acres). It is situated in HYNDMAN TWP southeast of Dryden, NW-Ontario, within the KENORA MINING DIVISION. The location of the claims is shown in Fig.2 (Claim Map: HYNDMAN TWP / G- 1314). Appendix "A" of this report presents a listing of all the claims by their claim number.

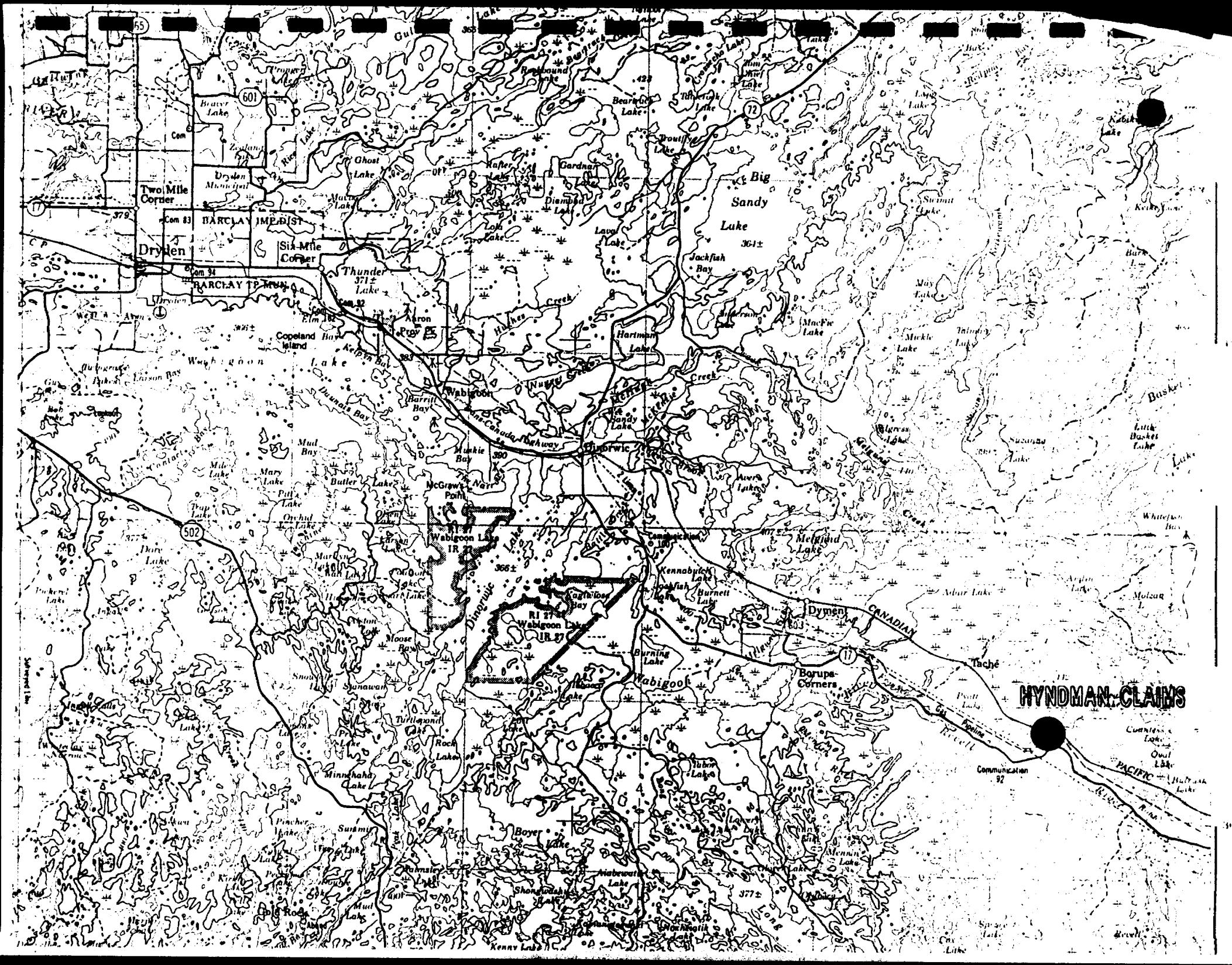
The REGISTERED HOLDER of the mineral rights of these claims is:

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

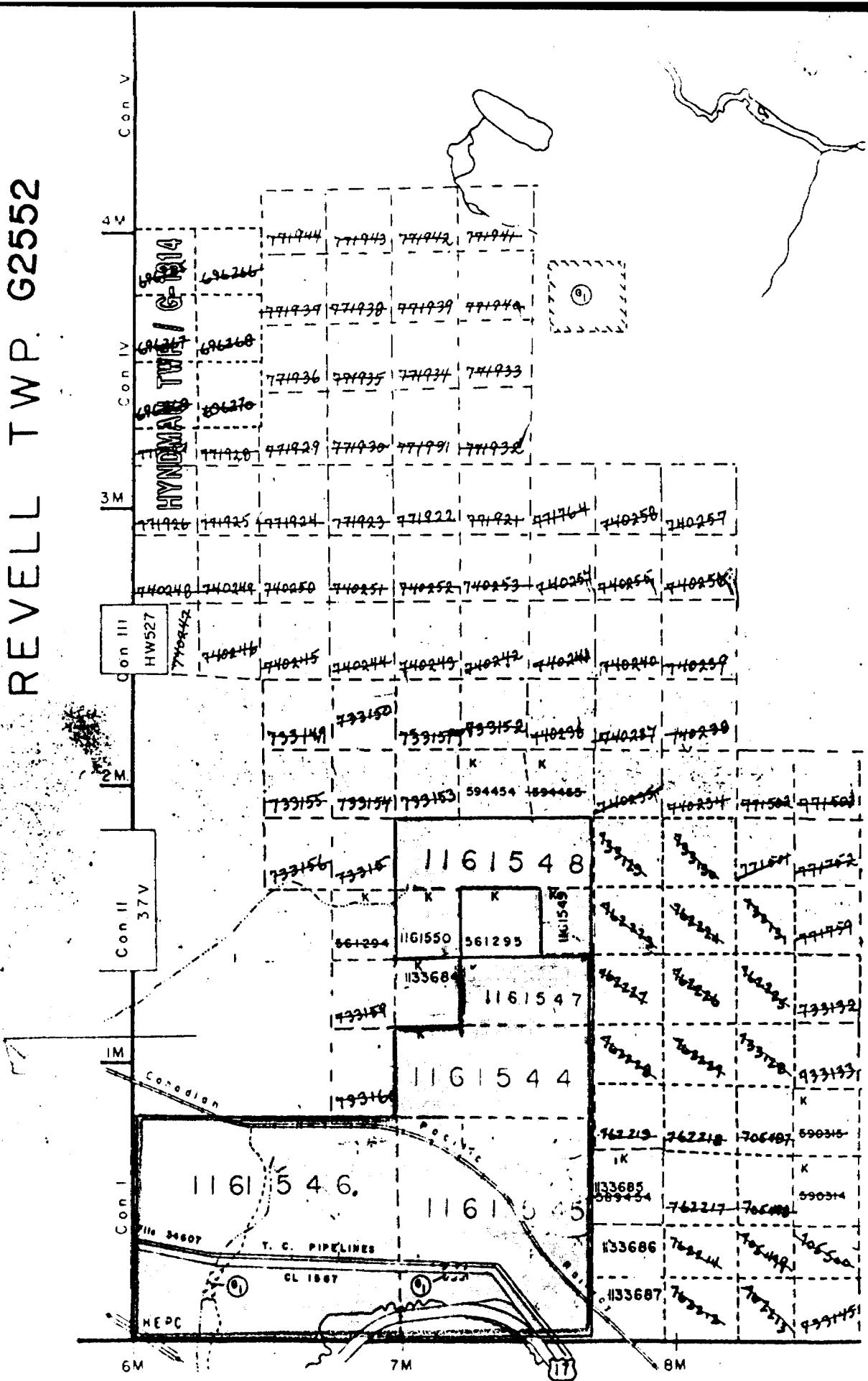
CLT # 116945

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

BORDEN & ELLIOT
BANK OF COMMERCE BUILDING
250 UNIVERSITY AVE.
TORONTO, ONTARIO
M5H 349



REVEL TW P G2552



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EXPLORATION HISTORY

Two Cu/Ni showings, less than 30 m apart, are located about 2000 ft south and 500 ft west of mileage 24 on C.P.railway (Satterly, J., 1969). In 1956 COMINCO carried out a magnetometer survey, trenching, and diamond drilling (3 DDH totalling 460 ft). Five bulk samples taken from the trenches assayed 0.21% - 0.37% Cu and 0.27% - 0.33% Ni.

The trenches were reported to "- expose a dark, massive, almost coarse-grained hornblende diorite containing erratically disseminated pyrrhotite and chalcopyrite" (Satterly, J., 1960).

In July, 1992, CHAMPION BEAR RESOURCES LTD. of Calgary, Alberta, staked 7 contiguous mining claims in the area. The two showings are within claim # 1161546.

GEOLOGY

The last regional mapping of the area was completed by a G.S.O. crew in 1958 and was covered in ODM report Vol.69, pt.6 by Sutterly, J., 1960. Fig.3 illustrates the geological setting of the property.

All bedrock in the area is Precambrian in age and consists of volcanic series (mostly basaltic flows) which are intruded by granitic to granodioritic rocks of the Revell granitic complex. Between the granitic batholith and the volcanic rocks occurs a lenticular zone of a dark-green, mostly medium-grained diorite, composed predominantly of plagioclase and hornblende and occasionally minor amounts of quartz and biotite. Transitional contacts to the volcanics and intrusive contacts to the granites suggest that this diorite could be the product of contact metamorphism during the emplacement of the granitic intrusives. This diorite is the host rock of the Cu/Ni showings on the Hyndman- as well as on the Tache claim group.

GEOPHYSICAL SURVEYS

During June, 1992, a four-men crew of Independent Exploration Services Ltd. completed a total of 46.0 km of picket lines and 2.7 km of base line. The picket lines were cut at intervals of 100 m. They were chained and picketed at 25 m intervals. The base line was set up with a bearing of 360° .

In July, 1992, Independent Exploration Services Ltd. carried out 46.0 km of GROUND MAGNETIC SURVEY and the same amount of VLF-EM 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 ($1\text{nT} = 1 \text{ gamma}$). Map#2 contains the diurnally corrected data in digital format.

The overall magnetic pattern reflects fairly well the two main rock units which make up the bulk of the bedrock geology underlying the grid area. These are granitic intrusives and mafic volcanic rocks. The granitic terrain is characterized by an extremely flat magnetic relief of intensities up to 59050 nT. The volcanic rocks on the other hand produce a much more active magnetic relief of intensities above 59050 nT. The most significant feature revealed by the magnetic survey however is a narrow magnetic ridge with amplitudes up to 1,000 nT (L-9+00E / 3+37.5N). It starts from the base line at the intersection of line L-13+00E, trending in northwesterly direction to the north end of line L-8+00E (Map#1). Its significance lies in the fact that Cu/Ni mineralization, exposed in two old trenches just south of the base line, on line L-13+00E, coincide with one end of it. The mineralization is hosted by a gabbroic to dioritic rock which could produce such a magnetic signature.

The sulfide mineralization as visible in the old trenches is of the disseminated type and was not picked up by the VLF-EM survey. The extremely strong electromagnetic responses shown on Map#3 are all due to cultural features like a high voltage power line (SW corner of the grid), Trans-Canada Pipelines (from L-0+00/1+25S to L-21+00E/ 3+00S to L-23+00E/7+00S), C.P.Rail line (L-16+00E/5+00N to L-26+00E/4+25S), and guard rails along the Trans-Canada Highway (curving through the south end of the grid between L-11+00E and L-23+00E).

To further evaluate afore mentioned magnetic anomaly and its economic potential in terms of underlying rocks possibly hosting significant mineralization, it is suggested to follow up with an IP-survey. Depending on results some prospecting and diamond drill testing might be justified.

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LIST OF REFERENCES

SATTERLY, J., 1969: Geology of the Dyment Area
O.D.M., Vol.69, Part 6

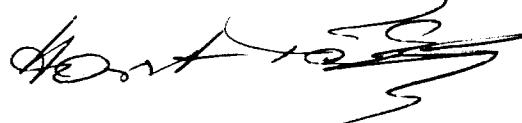
CERTIFICATE

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 personal supervision of the surveys reported on and on familiarity with the property and surrounding areas through personal visits and research of available literature.

Winnipeg, December 15th, 1992

Horst W. PETAK, Ph.D., P.Eng.



APPENDIX "A"

LIST OF CLAIMS:

(all claims are located within HYNDMAN TWP)
(CLAIM MAP: G-1314)

CLAIM #	HECTARE	EXPIRY DATE
1161544	64	MAY 29 94
1161545	128	MAY 29 94
1161546	192	MAY 29 94
1161547	32	MAY 29 94
1161548	48	MAY 29 94
1161549	16	MAY 29 94
1161550	16	MAY 29 94
Total:		496

Report of Work Conducted After Recording Claim

Transaction Number

W9310. 00023

MINING LANDS.

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.

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- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for recorder.
 - A separate copy of this form must be completed.
 - Technical reports and maps must accompany the application.
 - A sketch, showing the claims the work is assigned to, must be included.



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Recorded Holder(s) Champion Bear Resources Ltd.		Client No. 116945 116945
Address 3805 - 7A Street S.W.; Calgary, Alberta; T2T 2Y8		Telephone No. 403-243-6997
Mining Division Kenora	Township/Area Hyndman Twp.	Map or G Plan No. G-1314
Dates Work Performed From: June 15, 1993	To: July 31, 1993	

Work Performed (Check One Work Group Only)

Work Group	Type
X Geotechnical Survey	Line cutting and total field magnetometer geophysical
Physical Work, Including Drilling	RECEIVED
Rehabilitation	
Other Authorized Work	MAR 21 1993
Assays	MINING LANDS BRANCH
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ **21,327.00**

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, Wpg., Man. 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 March 18, 1993	Recorded Holder or Agent (Signature) <i>Horst W. Petak</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; Wpg., Man; R3K 0L7		
Telephone No 204-638-1762	Date March 18, 1993	Certified By (Signature) <i>L. C. Chastko</i>

For Office Use Only

Total Value Of Recorded Work \$21327	Date Recorded Mar. 19/93	Mining Recorder <i>Horst W. Petak</i>	Received Stamp KENORA MINING DIV. R RECEIVED D MAR 19 1993 AM 789101112123456 PM
Deemed Approval Date Apr. 17/93	Date Approved		
Date Notice of Amendments Sent			

4 claims 29 unit

**Total Number
of Claims**

Value of Assessment Work Done on this Claim	Value Applied to this Claim
4,118.00	2,400.00
6,217.00	7,200.00
8,733.00	9,600.00
2,259.00	1,600.00
21,327.00	20,800.00
Total Value Work Done	Total Value Work Applied

Total Value Work Done

Total Value Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
1,350.00	368.00
	659.00
1,350.00	1,027.00
Total Assigned From	Total Reserve

Total Assigned
From

Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
 - Credits are to be cut back equally over all claims contained in this report of work.
 - Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

<p>I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.</p>	<p>Signature</p>	<p>Date</p>
--	-------------------------	--------------------

W 9810. 00023

SUMMARY OF DISBURSEMENTS

<u>Invoice #</u>	<u>Total</u>	<u>Revell Twp.</u>	<u>Hyndman Twp.</u>
02.9203	11,954.04	4,464.04	7,490.00
03.9203	7,789.60		7,789.60
04.9203	7,768.20	1,720.56	6,047.64
	<hr/> 27,511.84	<hr/> 6,184.60	<hr/> 21,327.24

RECEIVED

MAR 21 1993

MINING LANDS BUREAU



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W 9310. 00024

MINING LANDS

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.

2.14964

- 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)		Client No.
Champion Bear Resources Ltd		116945
Address		Telephone No.
3805 - 7A Street S.W.; Calgary, Alberta; T2T 2Y8		403-243-6997
Mining Division	Township/Area	Map or G Plan No.
Kenora	Revelle Twp.	G-1321
Dates Work Performed	From: June 15, 1992	To: July 31, 1992

Work Performed (Check One Work Group Only)

Work Group	Type
X Geotechnical Survey	Line cutting and total field magnetometer, geophysical
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 6,185.00

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; Wpg., Man.; R3K 0L7
	RECEIVED
	Horst W. Petak
	MAR 31 1993
	MINING LANDS BRANCH

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	Recorded Holder or Agent (Signature)
	March 19, 1993	<i>H. W. Petak</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		
104 Browning Blvd.; Wpg., Man.; R3K 0L7	Date	Certified By (Signature)
Telephone No.	Mar. 19, 1993	<i>H. W. Petak</i>

For Office Use Only

Total Value Cr Recorded	Date Recorded	Mining Recorder	Received Stamp
\$ 6185	<i>MAR 19/93</i>	<i>Horst W. Petak</i>	
Debtors Approval Date		Date Approved	
APR. 17/93			
Please Notice for Amendments Sent		KENORA MINING DIV. RECEIVED MAR 19 1993 AM 789101112123456 PM	

5 claims 6 units

Value of Assessment Work Done on this Claim	Value Applied to this Claim
2,054.00	800.00
1,154.00	800.00
1,622.00	1,600.00
723.00	800.00
632.00	800.00
6,185.00	4,800.00
Total Value Work Done	Total Value Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
245.00	1,009.00
	354.00
	22.00
245.00	1,385.00
Total Assigned From	Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. Credits are to be cut back starting with the claim listed last, working backwards.
 2. Credits are to be cut back equally over all claims contained in this report of work.
 3. Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum to the mining claims.

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------

W 7210 . 00 024

SUMMARY OF DISBURSEMENTS

<u>Invoice #</u>	<u>Total</u>	<u>Revell Twp.</u>	<u>Hyndman Twp.</u>
02.9203	11,954.04	4,464.04	7,490.00
03.9203	7,789.60		7,789.60
04.9203	7,768.20	1,720.56	6,047.64
	<u>27,511.84</u>	<u>6,184.60</u>	<u>21,327.24</u>

RECEIVED

MAR 3 1 1993

MINING LANDS BRANCH





Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

June 25, 1993

Our File: 2.14964
Transaction #W9310.00023
9310.00024

Mining Recorder
Ministry of Northern Development
and Mines
808 Robertson Street
P.O. Box 5200
Kenora, Ontario
P9N 3X9

Dear Sir/Madam:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS
K1161544 ET AL. IN HYNDMAN AND REVELL TOWNSHIPS**

The assessment work credits for the Geophysical surveys filed under Section 14 of the Mining Act Regulations have been approved as originally filed.

The approval date is June 15, 1993.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5855.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands
Mines and Minerals Division

LJ/jl
Enclosures:

cc: Resident Geologist
Kenora, Ontario

✓ Assessment Files Library
Toronto, Ontario



INDEPENDENT EXPLORATION SERVICES LTD.

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

June 30, 1992

INVOICE #02.9203

G.S.T. R102476371

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

RE: TACHE AREA PROJECT

=====
INVOICE

LINE CUTTING FEES

Tache West Grid	14.9 km	- Revell Twp.
Tache East Grid	25.0 km	Hyndman Twp.

	39.9 km	

Revell Twp

4,464.04

39.9 km @ \$280./km = \$11,172.00

Subtotal \$11,172.00

Hyndman

G.S.T. @ 7% = \$782.04

7,490.00

TOTAL AMOUNT OF THIS INVOICE \$11,954.04

DUE UPON RECEIPT OF THIS INVOICE

THANK YOU !

RECEIVED

MAR 21 1992

MINING LANDS BRANCH

• CLAIM STAKING • LINE CUTTING • ASSESSMENT WORK
• PROGRAM MANAGEMENT • GEOLOGICAL MAPPING • SURVEYING & GEOPHYSICS



INDEPENDENT EXPLORATION SERVICES LTD.

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

July 15, 1992

INVOICE #03.9203

G.S.T. R102476371

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

RE: TACHE AREA PROJECT

=====
INVOICE

LINE CUTTING FEES

26.0 km @ \$280./km = \$7,280.00 Hyndmen

Subtotal \$7,280.00

G.S.T. @ 7% = \$509.60

TOTAL AMOUNT OF THIS INVOICE \$7,789.60

=====
DUE UPON RECEIPT OF THIS INVOICE

RECEIVED

THANK YOU !

MAR 8 1992

• CLAIM STAKING • LINE CUTTING • ASSESSMENT WORKING LANDS BRANCH
• PROGRAM MANAGEMENT • GEOLOGICAL MAPPING • SURVEYING & GEOPHYSICS



INDEPENDENT EXPLORATION SERVICES LTD.

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

August 15, 1992

INVOICE #04.9203

G.S.T. R102476371

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

RE: TACHE AREA PROJECT

=====
INVOICE

GEOPHYSICAL - T.F. Magnetometer & VLF-EM Survey

Revell Twp.

Tache West Grid
13.4 km @ \$120./km = \$1,608.00 1,720.56

Tache East Grid
47.1 km @ \$120./km = \$5,652.00

Subtotal \$7,260.00

Hyndman Twp.

G.S.T. @ 7% = \$508.20

6,047.64

TOTAL AMOUNT OF THIS INVOICE \$7,768.20

=====
DUE UPON RECEIPT OF THIS INVOICE

THANK YOU !

RECEIVED

MAP 2 1991

MINING LANDS DATA

• CLAIM STAKING • LINE CUTTING • ASSESSMENT WORK
• PROGRAM MANAGEMENT • GEOLOGICAL MAPPING • SURVEYING & GEOPHYSICS



INDEPENDENT EXPLORATION SERVICES LTD.

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

August 15, 1992

INVOICE #04.9203

G.S.T. R102476371

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

RE: TACHE AREA PROJECT

=====
INVOICE

GEOPHYSICAL - T.F. Magnetometer & VLF-EM Survey

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Tache East Grid
47.1 km @ \$120./km = \$5,652.00

Subtotal \$7,260.00

Hyndman Trop.

G.S.T. @ 7% = \$508.20

6,047.64

TOTAL AMOUNT OF THIS INVOICE \$7,768.20

=====
DUE UPON RECEIPT OF THIS INVOICE

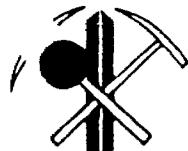
THANK YOU !

RECEIVED

MAR 3 1993

MINING LANDS DRW

• CLAIM STAKING • LINE CUTTING • ASSESSMENT WORK
• PROGRAM MANAGEMENT • GEOLOGICAL MAPPING • SURVEYING & GEOPHYSICS



INDEPENDENT EXPLORATION SERVICES LTD.

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

June 30, 1992

INVOICE #02.9203

G.S.T. R102476371

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

RE: TACHE AREA PROJECT

=====
INVOICE

LINE CUTTING FEES

Tache West Grid	14.9 km	- Revell Twp.
Tache East Grid	25.0 km	Hyndman Twp.

	39.9 km	

Revell Twp

4,464.04

39.9 km @ \$280./km = \$11,172.00

Subtotal \$11,172.00

G.S.T. @ 7% = \$782.04

TOTAL AMOUNT OF THIS INVOICE \$11,954.04

=====
DUE UPON RECEIPT OF THIS INVOICE

THANK YOU !

RECEIVED

MAP # 129

MINING LANDS

• CLAIM STAKING • LINE CUTTING • ASSESSMENT WORK
• PROGRAM MANAGEMENT • GEOLOGICAL MAPPING • SURVEYING & GEOPHYSICS



INDEPENDENT EXPLORATION SERVICES LTD.

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

July 15, 1992

INVOICE #03.9203

G.S.T. R102476371

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

RE: TACHE AREA PROJECT

=====
INVOICE

LINE CUTTING FEES

26.0 Km @ \$280./km = RECEIVED \$7,280.00 Hyndman

Subtotal MAR 31 1992 ===== \$7,280.00 ↑

G.S.T. @ 7% = MINING LANDS Dr. \$509.60

TOTAL AMOUNT OF THIS INVOICE ===== \$7,789.60

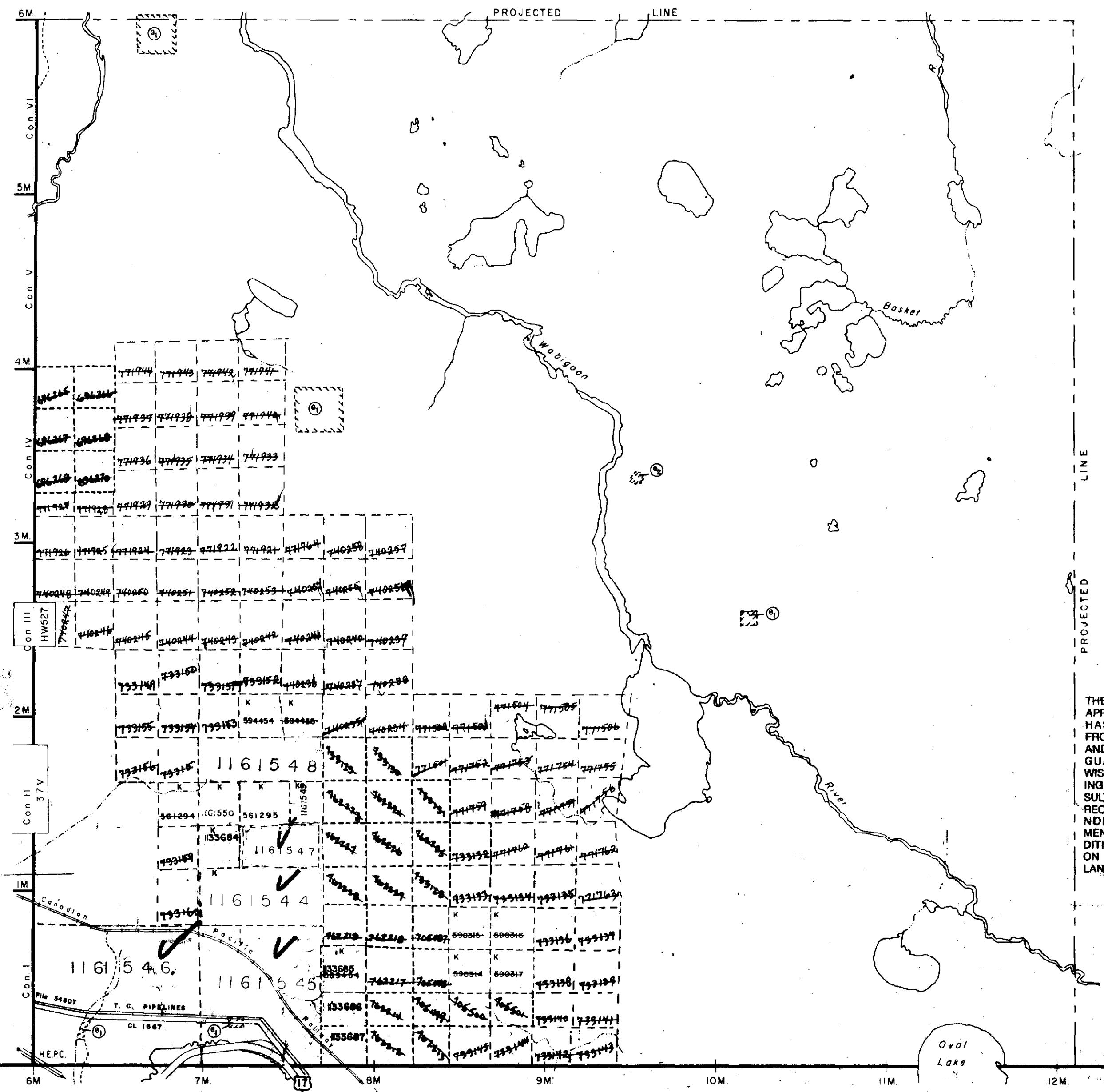
=====
DUE UPON RECEIPT OF THIS INVOICE

THANK YOU !

• CLAIM STAKING • LINE CUTTING • ASSESSMENT WORK
• PROGRAM MANAGEMENT • GEOLOGICAL MAPPING • SURVEYING & GEOPHYSICS

G2562SUZANNE LAKE

REVELL TWP. G2552



HODGSON TWP. GI313

THE TOWNSHIP
OF
HYNDMAN

DISTRICT OF
KENORA

KENORA
MINING DIVISION

SCALE: 1-INCH=40 CHAIN

LEGEND

PATENTED LAND
CROWN LAND SALE
LEASES
LOCATED LAND
LICENSE OF OCCUPATION
MINING RIGHTS ONLY
SURFACE RIGHTS ONLY
ROADS
IMPROVED ROADS
KING'S HIGHWAYS
RAILWAYS
POWER LINES
MARSH OR MUSKEG
MINES
CANCELLED

NOTES

400' Surface Rights Reservation along the shores of all lakes and rivers.

THE INFORMATION
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.

KENORA MINING DIV.	KENORA MINING DIV.
RECEIVE	RECEIVE
JUL 7 1983	MAR 22 1993
AM 789101112123	AM 7891011121234

SAND & GRAVEL

① GRAVEL File #137297
② GRAVEL E 21 File #137297

G-1314

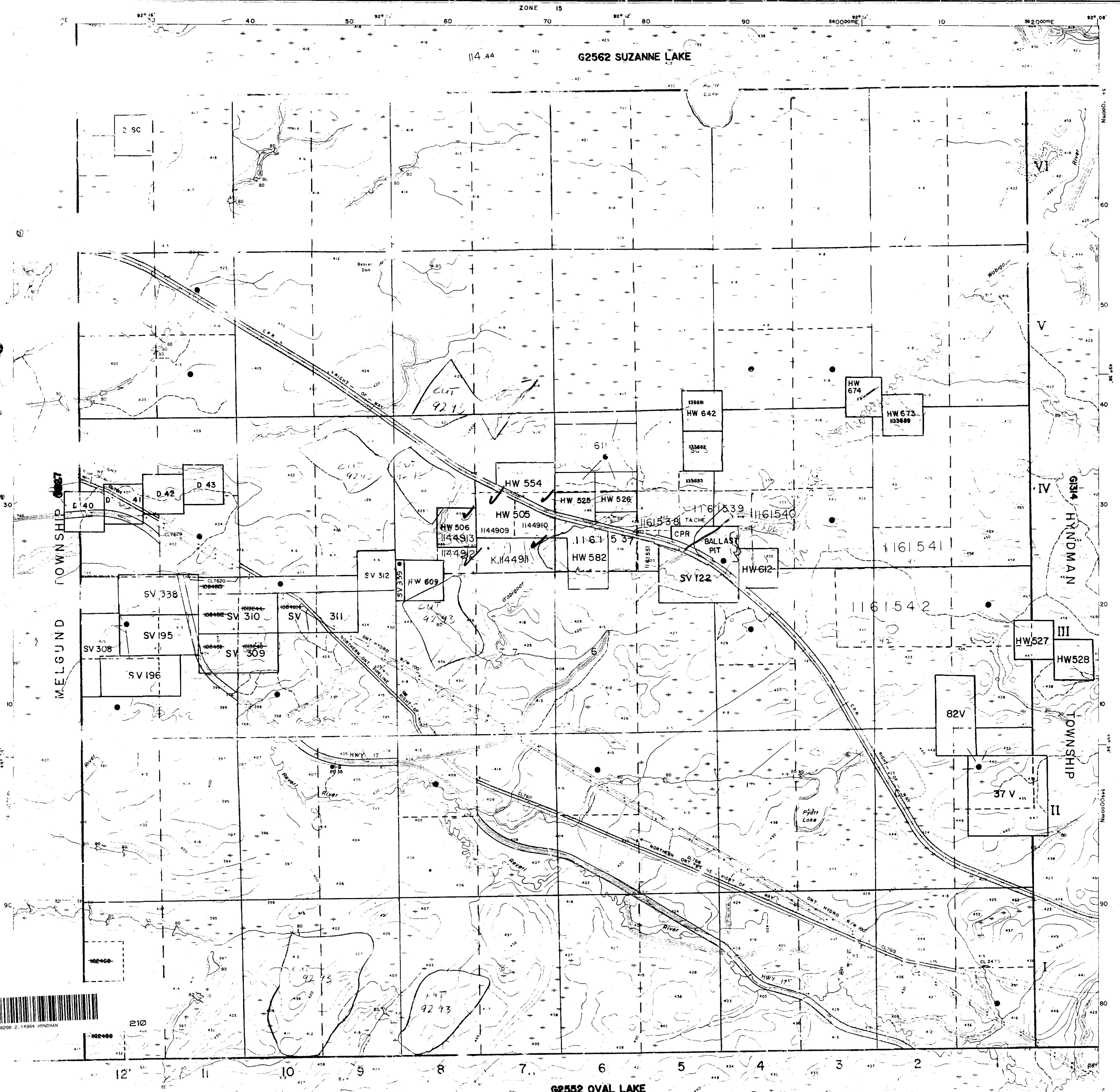
PLAN NO. **M.199**

ONTARIO
MINISTRY OF NATURAL RESOURC
SURVEYS AND MAPPING BRANCH

G-1314



S2F09SE8298 2.14984 HYNDMAN



300 W 200 W 100 W 0 100 E 200 E 300 E 400 E 500 E 600 E 700 E

600 N --

400 N --

200 N --

200 S --

400 S --

-- 600 N

-- 400 N

-- 200 N

-- 200 S

-- 400 S

Scale 1:5000

100 0 100 200 300
(metres)

MAP 1

2014

CHAMPION BEAR RESOURCES LTD.

TACHE PROJ. / REVELL TWP. G.1321
KENORA MINING DIV. / NW-ONTARIO
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
PLOTTED COMPONENT: CONTOURED TOTAL MAGNETIC FIELD
SURVEY DATE: JULY 1992

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

300 W 200 W 100 W 0 100 E 200 E 300 E 400 E 500 E 600 E 700 E

▲ Cu/Ni SHOWING



52F09SE8298 2.14964 HYNDMAN

300 W 200 W 100 W 0 100 E 200 E 300 E 400 E 500 E 600 E 700 E

600 N —

400 N —

200 N —

0 —

200 S —

400 S —

— 600 N

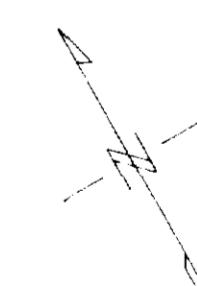
— 400 N

— 200 N

0

— 200 S

— 400 S



Scale 1:5000

100 0 100 200 300
(metres)

MAP 2

2.14964

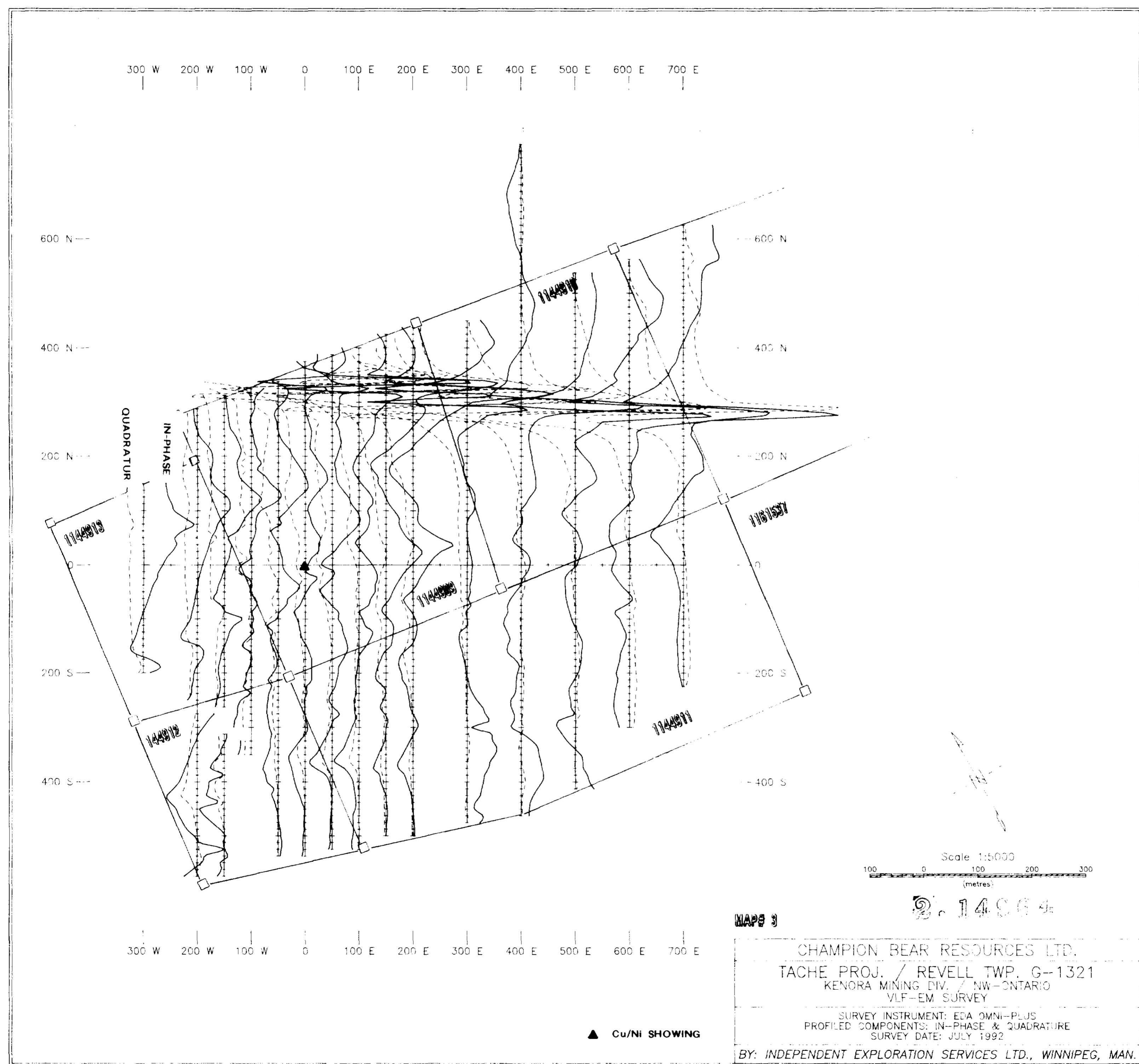
CHAMPION BEAR RESOURCES LTD.
TACHE PROJ. / REVELL TWP. G.1321
KENORA MINING DIV. / NW-ONTARIO
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
PLOTTED COMPONENT: TOTAL MAGNETIC FIELD POSTINGS
SURVEY DATE: JULY 1992

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

300 W 200 W 100 W 0 100 E 200 E 300 E 400 E 500 E 600 E 700 E





CHAMPION BEAR RESOURCES LTD.
TACHE PROJ. / REVELL TWP. G-1321
KENORA MINING DIV. / NW-ONTARIO
VLF-EM SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS
PROFILED COMPONENTS: IN-PHASE & QUADRATURE
SURVEY DATE: JULY 1992

PENDENT EXPLORATION SERVICES LTD., WINNIPEG

DR. KAREN ENDERT, LAW CORPORATION SERVICES LTD., VANCOUVER, BRITISH COLUMBIA



300 W 200 W 100 W 0 100 E 200 E 300 E 400 E 500 E 600 E 700 E

600 N -- 600 N

400 N -- 400 N

200 N -- 200 N

0 -- 0

200 S -- 200 S

400 S -- 400 S

Scale 1:5000
100 0 100 200 300
(metres)

14964

MAP 4

CHAMPION BEAR RESOURCES LTD.
TACHE PROJ. / REVELL TWP. G-1321
KENORA MINING DIV. / NW-ONTARIO
VLF-EM SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS
PLOTTED COMPONENT: FRASER FILTERED IN-PHASE
SURVEY DATE: JULY 1992

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

▲ CU/Ni SHOWING

300 W 200 W 100 W 0 100 E 200 E 300 E 400 E 500 E 600 E 700 E



300 W 200 W 100 W C 100 E 200 E 300 E 400 E 500 E 600 E 700 E

600 N --

400 N --

200 N --

0 --

200 S --

400 S --

600 N

400 N

200 N

0

200 S

400 S

Scale 1:5000

00 0 100 200 300 (metres)

MAPS 5

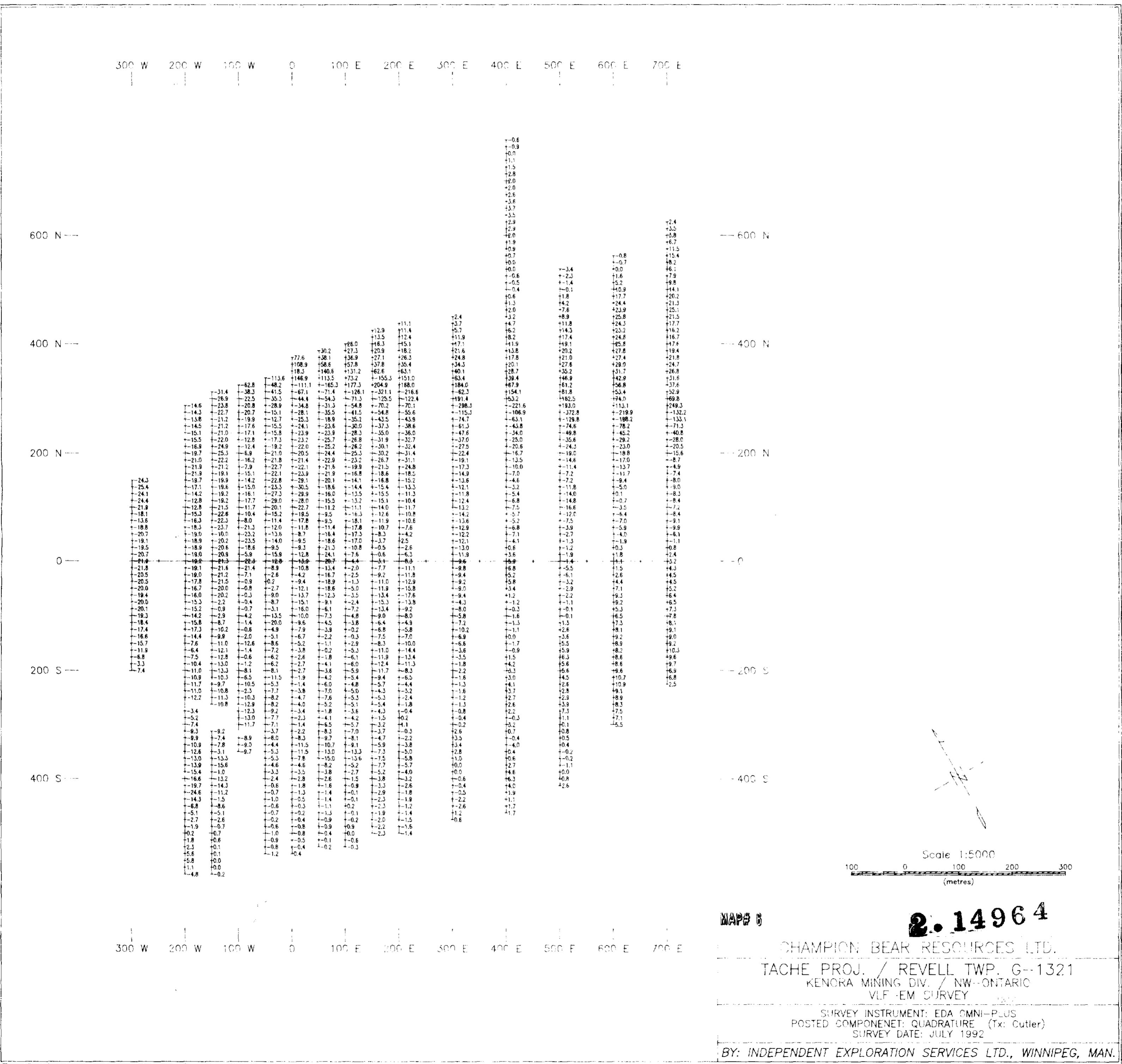
2.14964

CHAMPION BEAR RESOURCES LTD.
TACHE PROJ. / REVELL TWP. G-1321
KENORA MINING DIV. / NW-ONTARIO
VLF-EM SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS
FOCUSED COMPONENT: IN-PHASE (Tx: Cutler)
SURVEY DATE: JULY 1992

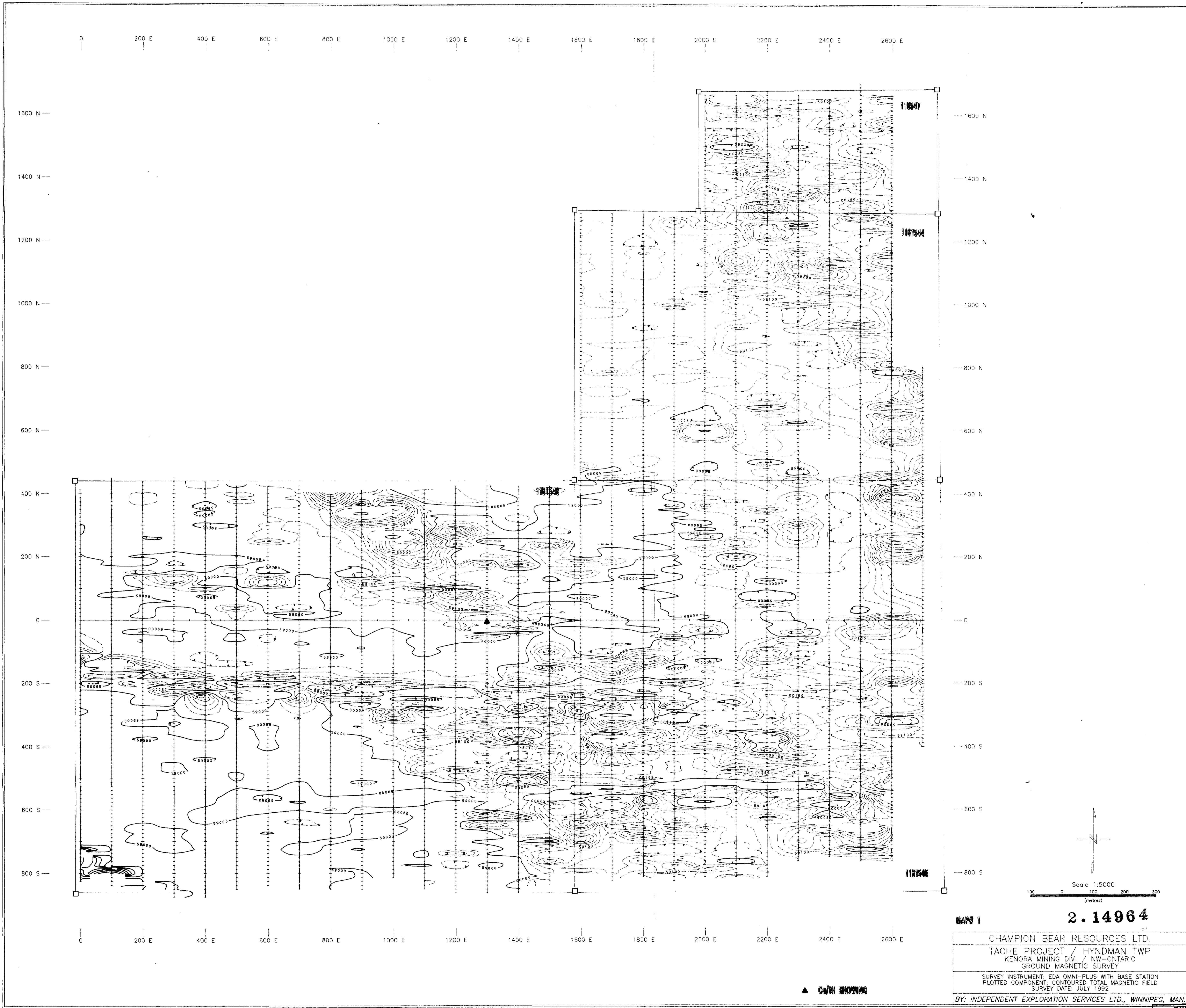
BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.







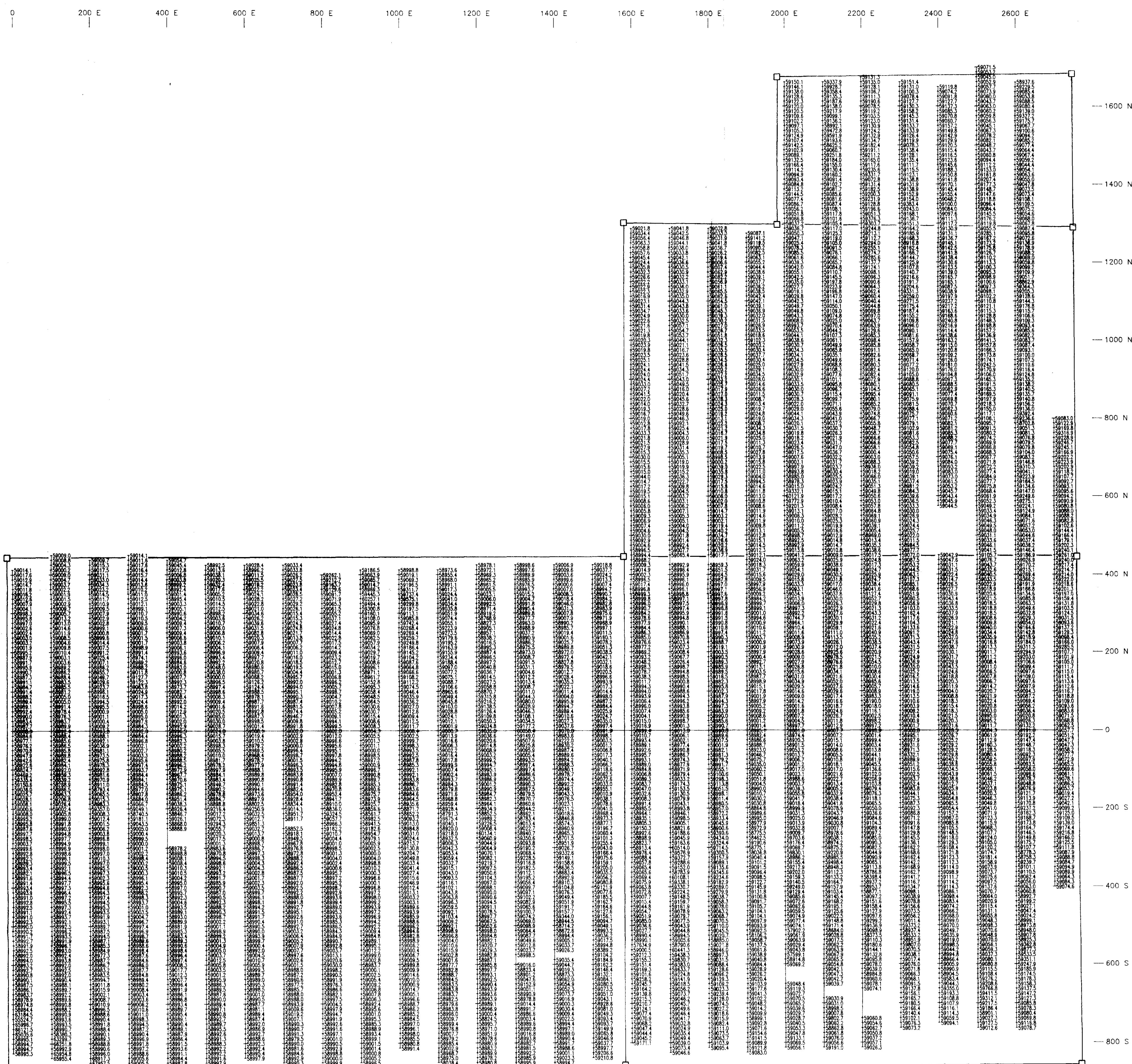
S2F09SE8298 2.14964 HYNDMAN



52F93E8298 2.14964 HYNDMAN

290

KENORA
MINING DIV.
RECEIVED
MAR 19 1993
AM 789101112123456



MAP 2
CHAMPION BEAR RESOURCES LTD.
TACHE PROJECT / HYNDMAN TWP
KENORA MINING DIV. / NW-ONTARIO
GROUND MAGNETIC SURVEY
SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
PLOTTED COMPONENT: TOTAL MAGNETIC FIELD POSTINGS
SURVEY DATE: JULY 1992
BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.



