

52F16NW2003 2.19034 WEBB

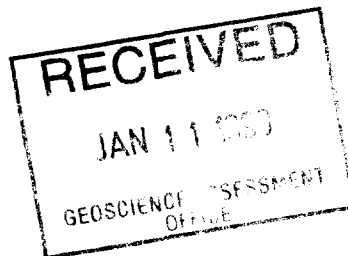
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**2.19034**

**REPORT ON A MAGNETOMETER SURVEY  
ON THE TOT LAKE CESIUM PROPERTY  
WEBB TOWNSHIP  
ONTARIO  
for  
CHAMPION BEAR RESOURCES LTD.**

Dec, 1998

Seymour M. Sears

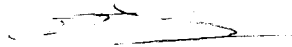


## SUMMARY

A ground magnetometer survey was carried out over a portion of Claim P 1163139 in Webb Township, northwestern Ontario. The Claim covers a pegmatite dyke that hosts a known cesium prospect. The work was designed to determine the magnetic signature of the pegmatite dyke and to provide basic information and a control grid for continued exploration of the property.

The survey suggests that the pegmatite dyke has a distinct magnetic signature. Detailed magnetometer surveying along lines layed out parallel to the country rock stratigraphy may outline additional pegmatite bodies that can then be tested for rare metal mineralization.

Respectfully submitted,



Wawa, Ontario  
Dec, 1998

Seymour M. Sears, B.A., B.Sc.  
Geologist



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## INTRODUCTION

This report presents a summary of the results from a magnetometer survey carried out in November, 1998 on the Tot Lake Cesium Property of Champion Bear Resources Ltd. The work was carried out by personnel of Sears, Barry and Associates Ltd. of Wawa, Ontario.

## PROPERTY, LOCATION AND ACCESS

The Tot Lake Cesium property is located 35 km northeast of Dryden, Ontario (Figure 1). It is situated approximately 1 km south of Tot Lake in Webb Township (Fig 2). The group consists of two claims totalling fourteen (14) claim units. The claims are numbered as follows:

Claim #	P 1163139 (12 units)
	P 1230155 (2 units)

Access to the property is by means of a 500 metre walking trail. This trail departs eastwards from a logging road at a point located 26.7 kms northeast of the Dryden Airport.

## REGIONAL AND PROPERTY GEOLOGY

The Tot Lake Property is underlain by Archean Aged Volcanic and Intrusive rocks that are situated along the southeast margin of the Gullwing Lake granitic complex. (Breaks, 1984, OGS Map P.2623).

Cesium occurs on the Tot Lake property as the mineral pollucite, an anhydrous silicate of the feldspathoid group. It is hosted in a highly evolved pegmatite dyke in association with spectacular crystals of spodumene. The pegmatite dyke that hosts the mineralization strikes approximately north-south on the claim, crosscutting the east-northeast trending volcanic stratigraphy.

## WORK HISTORY

The most significant work in the area is geological mapping and detailed lithogeochemical surveys by Dr. F Breaks on behalf of the Ontario Geological Survey.

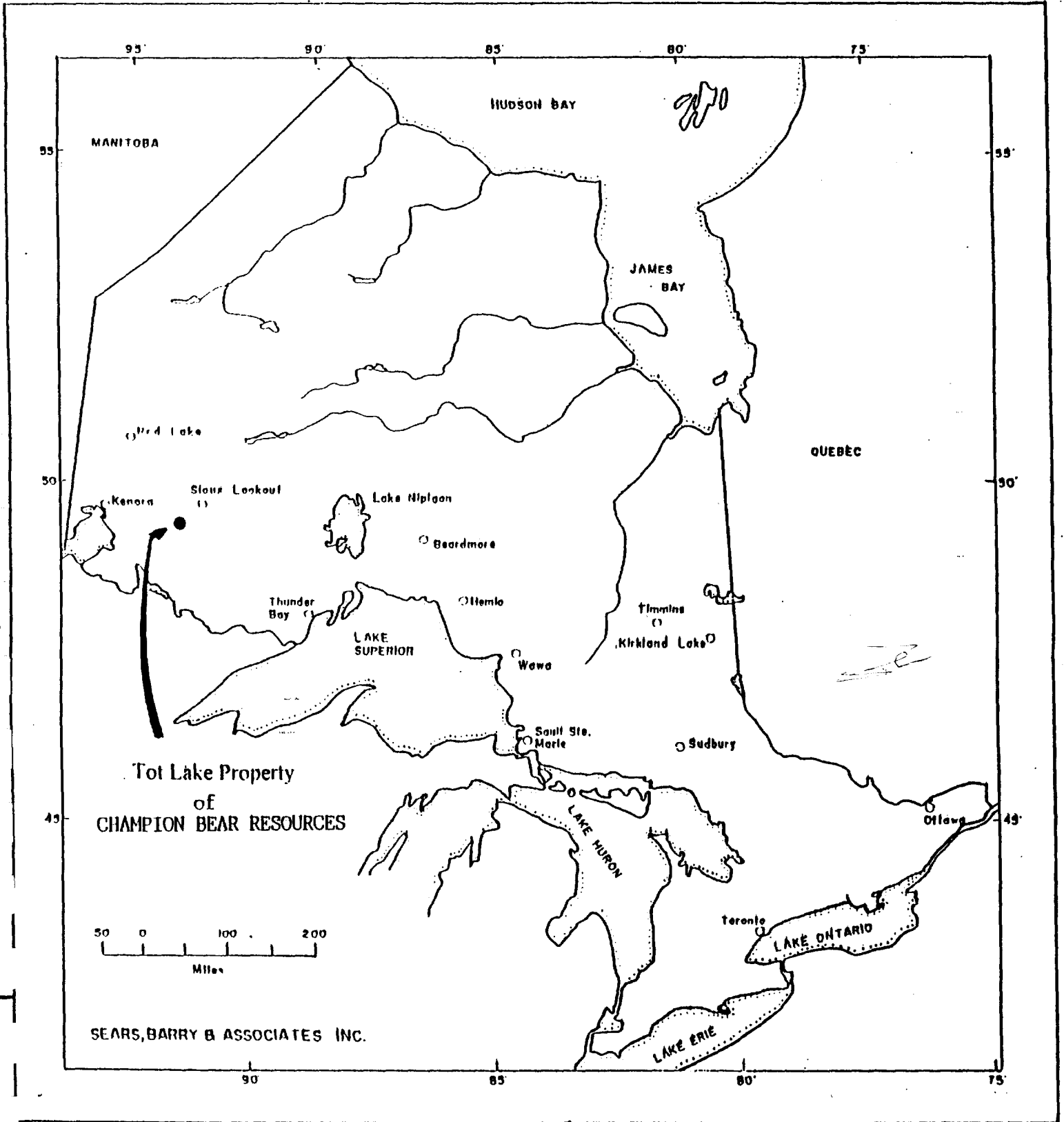


Fig. 1: Regional Location Map of Ontario.

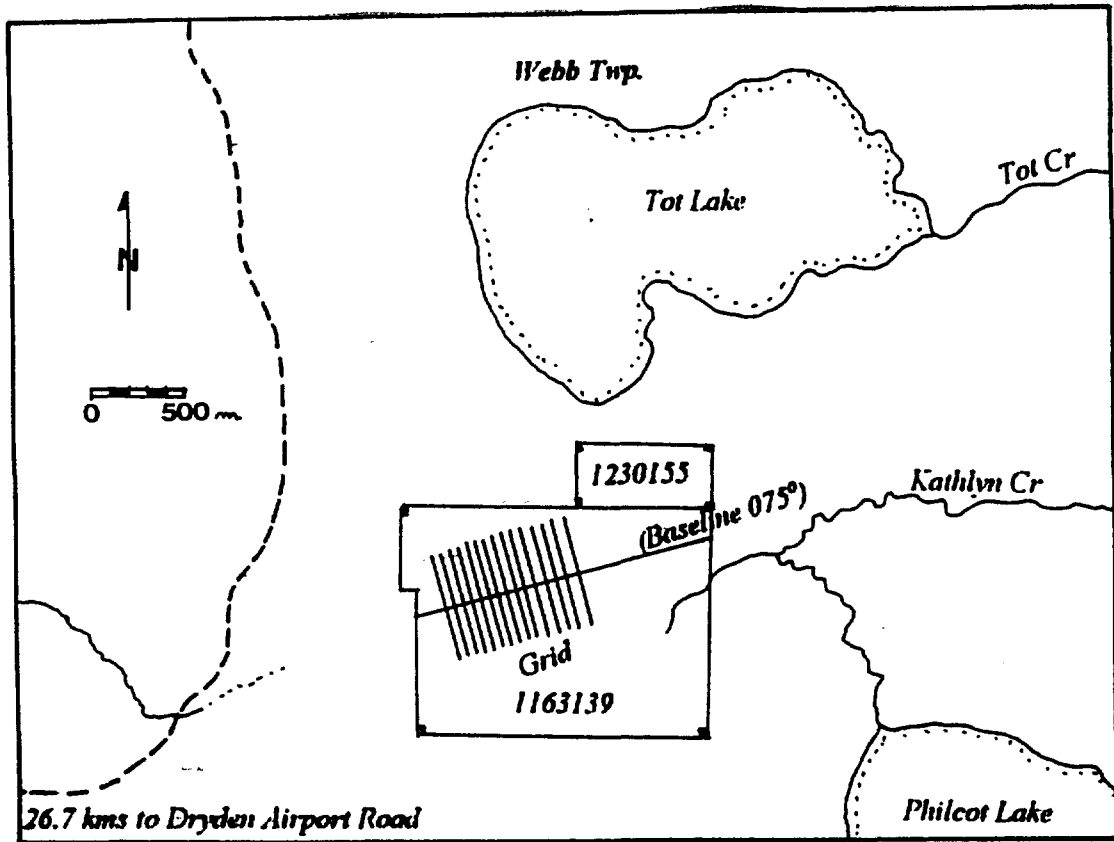


Figure 2: Location Sketch, Tot Lake Property of Champion Bear Resources Ltd., Webb Township, Ontario.



a database which can now be used to locate and delineate other pegmatite dykes. Detailed data should be collected along 075<sup>0</sup> trending lines located within selected parts of the grid. These lines will be parallel to the country rock stratigraphy. In this way, north-south trending pegmatite bodies that may crosscut the country rocks should be identifiable. The initial work should be focused in the area of Line 50 East north of the Baseline. The work should be accompanied by detailed geological mapping and extensive litho-geochem sampling across the entire grid. If successful, this work should be followed up by stripping and diamond drilling.

Wawa, Ontario  
August, 1997

Respectfully Submitted,



Seymour M. Sears, B.A., B.Sc.  
Geologist



**STATEMENT OF QUALIFICATIONS**

I, Seymour M. Sears, of Wawa, Ontario do certify that:

1. I am a consulting geologist for Sears, Barry and Associates Ltd., P.O. Box 2058, Wawa, Ontario.
2. I am a B. Sc. Graduate in Geology and a B. A. Graduate in Psychology from Mount Allison University, Sackville, New Brunswick.
3. I have been practicing my profession continuously since 1972.
4. I am a Fellow of the Geological Association of Canada.

December, 1998

Respectfully submitted,



22 Caverhill Street  
P.O. Box 2058  
Wawa, Ontario  
P0S 1K0

Seymour M. Sears, B.A., B.Sc.  
Geologist

**REFERENCES**

Breaks, F.W. and Kuehner, S

1984: Precambrian Geology of the Eagle River-Ghost Lake Area, Kenora District; Ontario Geological Survey, Map P.2623, Geological Series - Preliminary Map, Scale 1:31,680; Geology 1980 - 1983.



Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 69(2) and 66(3), R.S.O. 1990

Transaction Number (office use) 49830.00108 Assessment File Research Imaging



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900

sections 65(2) and 66(3) of the Mining Act. Under section 8 of the Act the assessment work and correspond with the mining land holder. order, Ministry of Northern Development and Mines, 6th Floor.

ording a claim, use form 0240.

2.19034

1. Recorded holder(s) (Attach a list if necessary)

Name: Champion Bear Resources Ltd. Client Number: 116945. Address: 2005-9th St. S.W., Calgary Alberta T2T 3C4. Telephone Number: (403) 229-9522. Fax Number: (403) 229-9518.

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

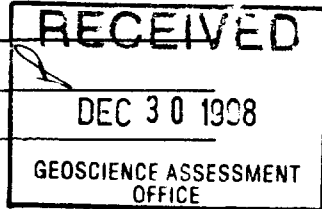
Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type: Geophysical Survey. Office Use: Commodity, Total \$ Value of Work Claimed \$5257. Dates Work Performed: 01/11/98 to 29/12/98. Township/Area: WEBB TWP. Mining Division: Patricia. Resident Geologist District: Sioux Lookout.

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning work; - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: Seymour M. Sears (Sears Barry & Assoc) Telephone Number: (705) 856-2018. Address: Box 2058 Wawa, Ontario P0S 1K0. Fax Number: (705) 856-1147.



4. Certification by Recorded Holder or Agent

I, Seymour M. Sears, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: [Signature] Date: Dec 29/98. Agent's Address: Box 2058 Wawa Ont, P0S 1K0. Telephone Number: (705) 856-2018. Fax Number: (705) 856-1147.

peamed March 30/99

12-30-98 1019451

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

WA830.00108

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank Value of work to be distributed at a future date.
eg TB 7827	18 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 P 1163139	12	\$5257 <sup>xx</sup>	\$4800 <sup>xx</sup>		\$ 457 <sup>xx</sup>
2					
3					
4					
5	--				
6	---				
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		5257	4800	0	457

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I, Seymour M. Sears (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing:  Date: Dec 29/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

**RECEIVED**  
 DEC 30 1998  
 GEOSCIENCE ASSESSMENT  
 OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp  Deemed Approved Date  Date Approved  Approved for Recording by Mining Recorder (Signature)	Date Notification Sent  Total Value of Credit Approved  _____
--	---

Personal information collected on this form is obtained under the authority of subsection 2(1) of the Assessment Work Regulation 6/88. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 8th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P2E 8B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilo-metres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Linecutting	10.35 Kms	\$ 300	\$ 3,105.00
Magnetometer Survey (10. m spacing)	10.35 Kms	\$ 150	\$ 1,552.50
Drafting + Report	2 Days	\$ 300.	600.00
Associated Costs (e.g. supplies, mobilization and demobilization).			2.19034
Transportation Costs			
	N/A		
Food and Lodging Costs			
	N/A		
Total Value of Assessment Work			\$ 5,257.00

Calculations of Filing Discounts:

- 1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
- 2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

RECEIVED  
DEC 30 1998  
MINISTRY OF NORTHERN DEVELOPMENT AND MINES ASSESSMENT OFFICE

Certification verifying costs:

I, Seymour M. Sears (please print full name), do hereby certify, that the amounts shown are as reasonably determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as agent I am authorized to make this certification. (recorded holder, agent, or state company position with signing authority)

Signature: [Signature] Date: Dec 29/98

Geoscience Assessment Office  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (888) 415-9846  
Fax: (877) 670-1555

January 21, 1999

CHAMPION BEAR RESOURCES LTD.  
2005-9TH STREET, S.,W.,  
CALGARY, ALBERTA  
T2T-3C4

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19034

**Status**

**Subject: Transaction Number(s):** W9830.00108 Deemed Approval

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at [steven.beneteau@ndm.gov.on.ca](mailto:steven.beneteau@ndm.gov.on.ca) or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

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**Submission Number:** 2.19034

**Date Correspondence Sent:** January 21, 1999

**Assessor:** Steve Beneteau

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9830.00108	1163139	WEBB	Deemed Approval	January 20, 1999

**Section:**  
14 Geophysical MAG

**Correspondence to:**  
Resident Geologist  
Sioux Lookout, ON

**Recorded Holder(s) and/or Agent(s):**  
Seymour Sears  
WAWA, ON

Assessment Files Library  
Sudbury, ON

CHAMPION BEAR RESOURCES LTD.  
CALGARY, ALBERTA

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G-5888

WEBB JMB

G-5888

- April 23/88 R.
- Apr 24/88 C
- June 1988
- June 1988
- May 985
- June 1988
- APR 24/88 R
- APR 24/88 R
- 23 June 88
- 26 June 88
- 76 Aug 79
- 96 Sep 88
- 96 Oct 88
- 96 Dec 88
- 96 Dec 88
- 96 Jan 88
- 97 Mar 88
- 97 Apr 88
- 97 Apr 88
- 97 Jun 88

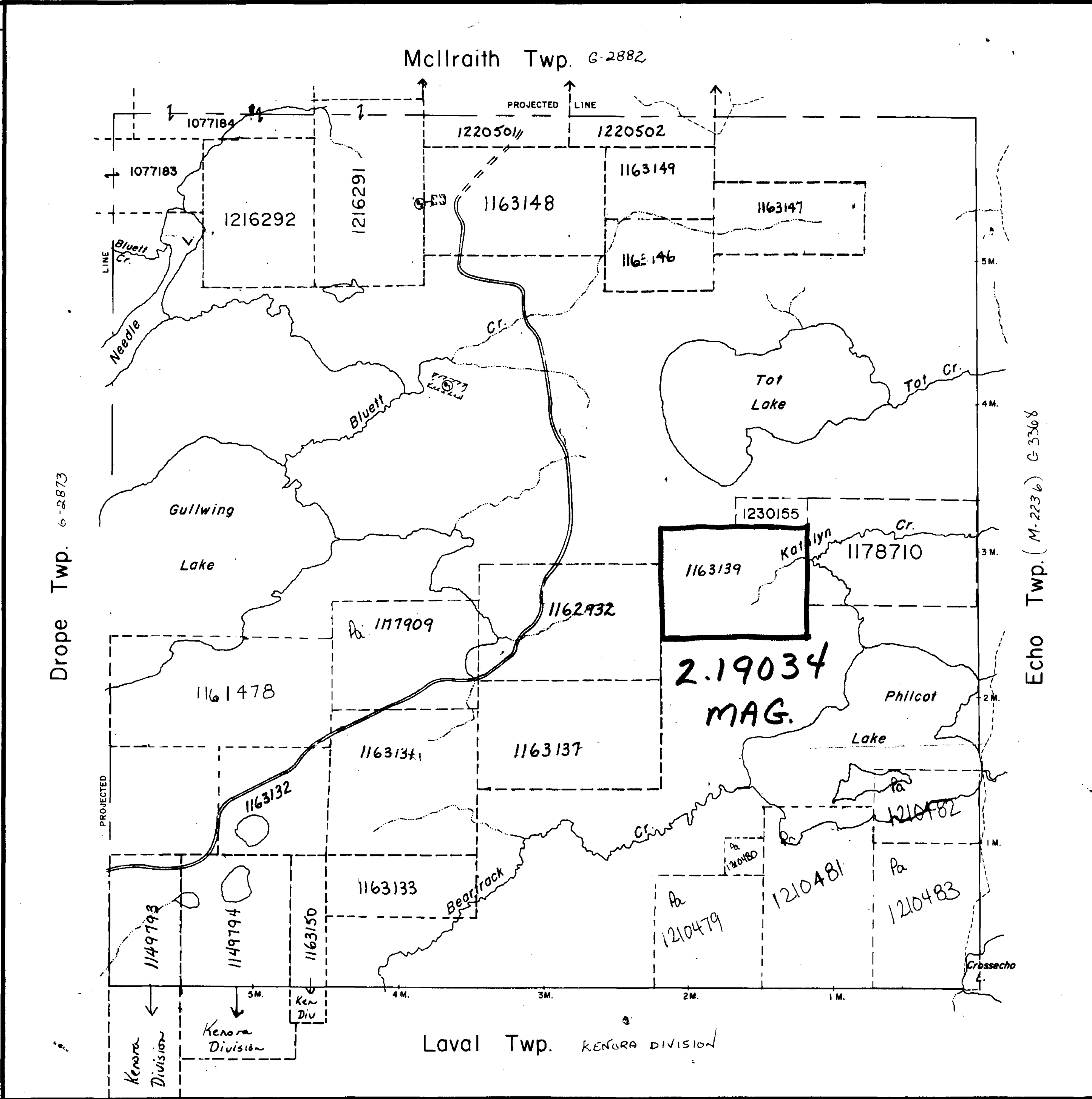
**REFERENCES**

**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
SAND AND GRAVEL				
GRAVEL FILE	NO 137297			
M.N.R. GRAVEL RESERVE	NO 1427			

Sept 26/86  
 Oct 7/86  
 Oct 21/86  
 MAY 26/87  
 JUNE 11/87  
 JUNE 16/88 R  
 25 Mar 88 BU



**LEGEND**

HIGHWAY AND ROUTE No.

OTHER ROADS

TRAILS

SURVEYED LINES:  
 TOWNSHIPS, BASE LINES, ETC.

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 OR MUSKEG

MINES

TRAVERSE 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	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

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

DATE OF ISSUE  
 APR 27 1988  
 PROVINCIAL RECORDING OFFICE - SUBURBY

TOWNSHIP  
**WEBB**

M.N.R. ADMINISTRATIVE DISTRICT  
**DRYDEN**

MINING DIVISION  
**PATRICIA**

LAND TITLES / REGISTRY DIVISION  
**KENORA**

Ministry of Natural Resources  
 Land Management Branch  
 Ontario

Date MAY 1985  
 Number **G-2888**

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.

G-5888

WEBB JMB

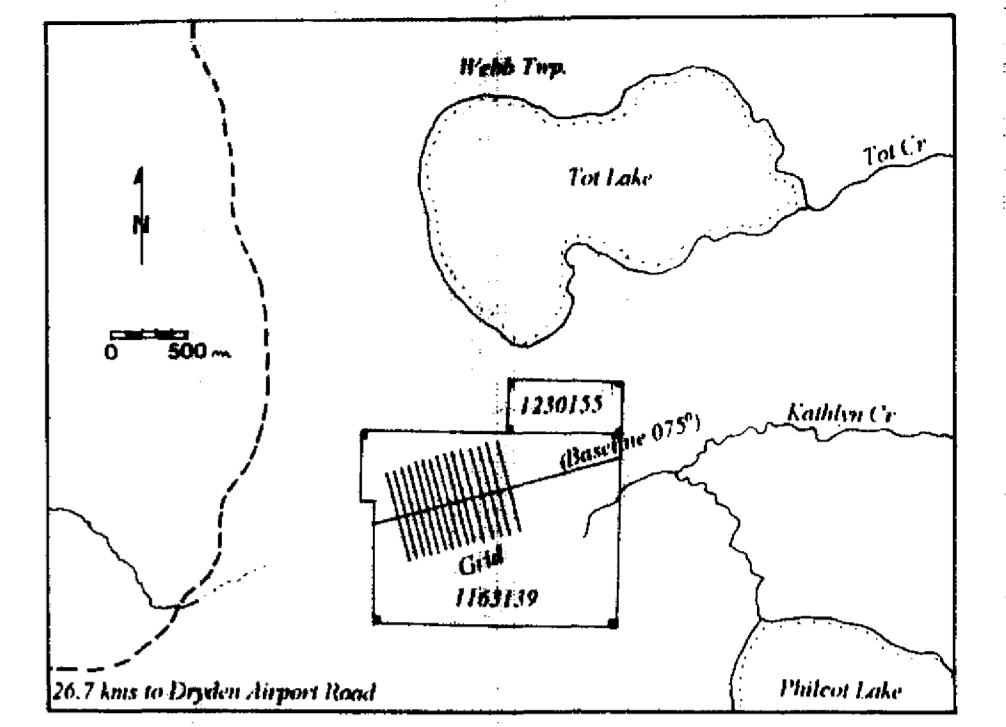
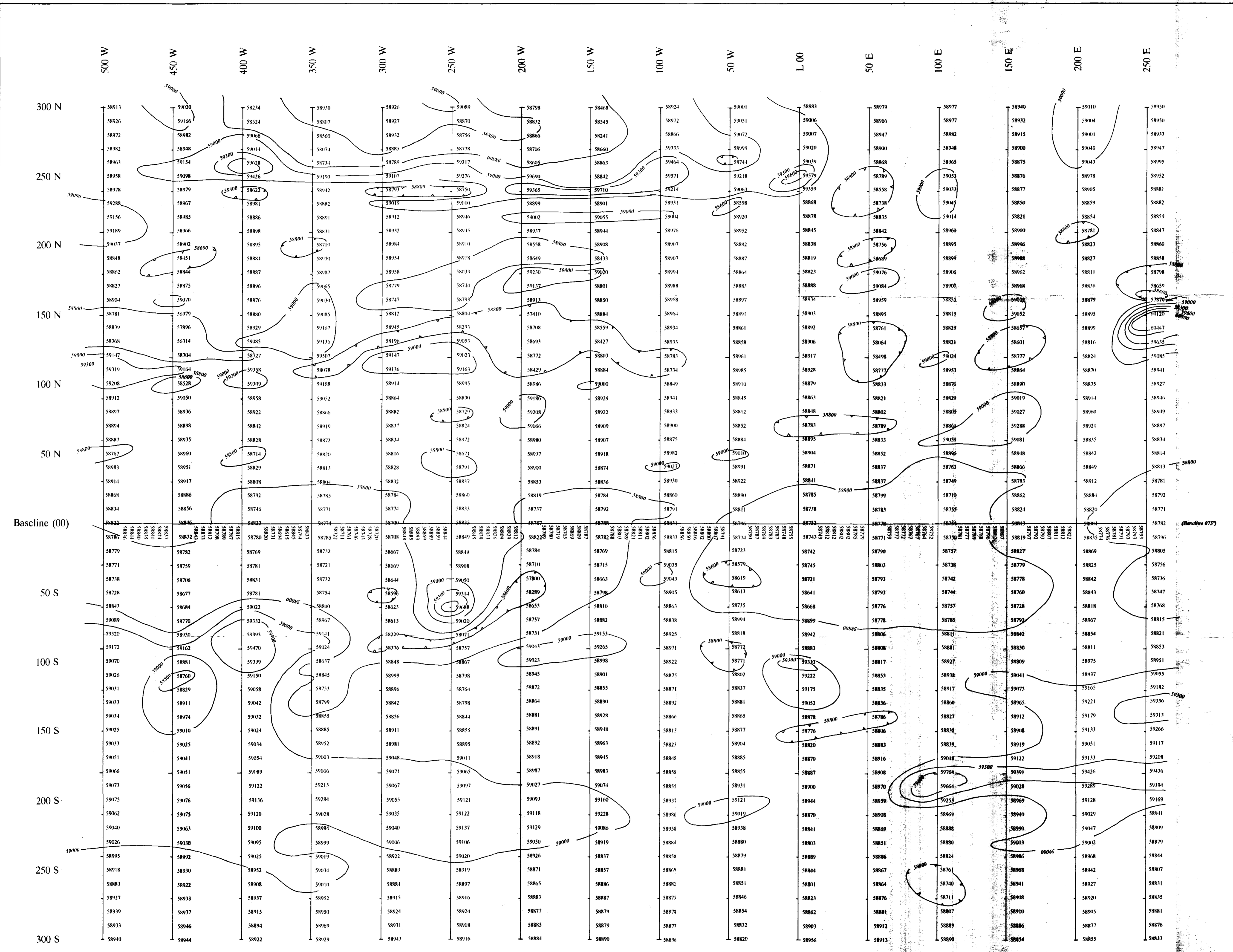
G-5888



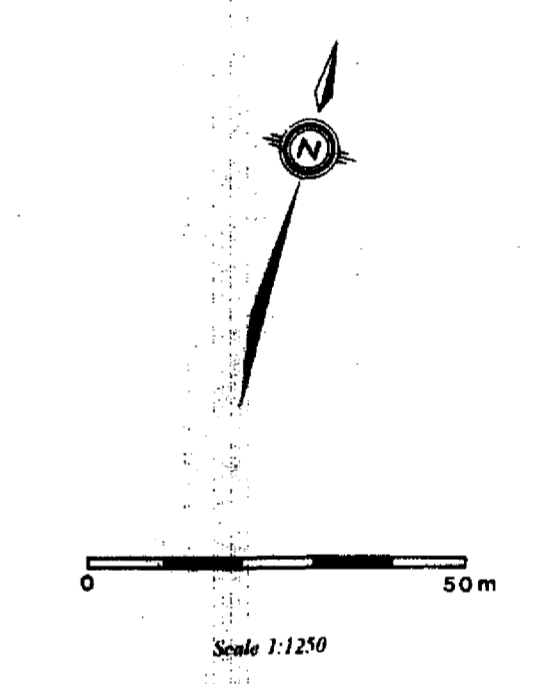
52F16NW203 2.19034 WEBB

TRIM LINE





- Legend**
- < 58600 gammas
  - 58600 - 58800 gammas
  - 58800 - 59000 gammas
  - 59000 - 59300 gammas
  - 59300 - 59600 gammas
  - > 59600 gammas



Instrument: Geometrics G818 Portable Field Magnetometer  
 Geometrics G836 Recording Base Station  
 Operator: Jack Partington

Base Station at 500 W on Baseline (58922 gammas)

RECEIVED  
 JAN 11 1999  
 GEOMETRICS RECORDING STATION

2.19034

Sears, Barry & Associates Ltd.

**CHAMPION BEAR RESOURCES LTD.**

**Tot Lake Contum Property**  
(Dryden Area, Ontario)

**MAGNETOMETER SURVEY**  
Total Field Data

Map: TL-1

Date: Dec. 1998

