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DEC 22 1983	
E. F. ANDERSON	
J. R. MORTON	
J. C. SMITH	
W. L. GOOD	
J. M. SNALL	
RETURN TO R. 6343	

REPORT OF MAGNETIC

AND

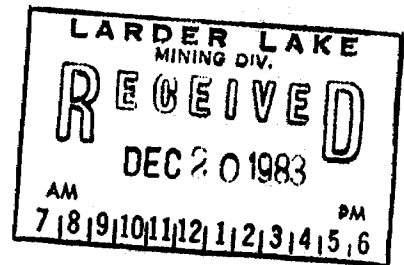
V.L.F. ELECTROMAGNETIC SURVEYS

FROM NOVEMBER 9, 1983 to NOVEMBER 14, 1983

completed on

"THE ARBADE GROUP"

BADEN TOWNSHIP, ONTARIO



RECEIVED

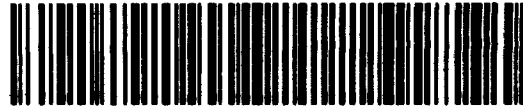
MINING LANDS SECTION

BY: MICHAEL D. BICE, C.E.T.
Bice and Associates
Geophysical Explorations.

KIRKLAND LAKE, ONTARIO
DECEMBER 19, 1983

J.R.B. PARRES
President
Shiningtree Gold Resources
Inc.

INDEX



42A025W0015 2.6227 BADEN

010C

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INTRODUCTION

LOCATION - The property described in this report is owned outright by Shiningtree Gold Resources Inc. The property consists of 15 unpatented mining claims hereby known as the "Arbade Group". The Arbade property is positioned at approximately 48° 03' latitude, 80° 47' longitude in the Township of Baden, District of Timiskaming in the Mining Division of Larder Lake.

The grid covers the following unpatented mining claims; numbers L-681200, L-681201, L-681199, L-642528, L-642529, L-714998, L-642715, L-642714, L-714997, L-681196, L-681195, L-714996, L-735488, L-735483, L-735482.

ACCESS - Access to the property is gained by travelling 8 miles west of Matachewan on Hwy. 566 to the bailey bridge at Mistinikon Lake which is part of the west Montreal River. 1/2 mile beyond this point leads to a government landing and if weather permits an ice bridge crossing the east-west Bay of Mistinikon Lake connects the landing to a brushed out mining road. This road carries on for 3 miles running parallel with Mistinikon Lake. Washed out corduroy bridges restrict entry in the wet months, although construction of small bush roads linking up with the network of mine property roads will make it all-season accessible.

Other access during the non-freezing months can be made by boating directly up Mistinikon Lake into the most northerly bay which links up to the main bush road.

In the interior of the property the road enters the south-east corner of claim #642528, then exits through claim No. 642529 at the south-east corner to join up with the washed out corduroy bridge.

HISTORY - In June 1933 ARBADE GOLD MINES LIMITED was incorporated, acquiring 39 claims in Argyle and Baden Townships. Included in this were 4 claims formerly known as the Hurd Property, located in the western part of Baden Township, approximately one mile east of the No. 3 Post.

On the Hurd claims a dyke of syenite porphyry had been traced by stripping and trenching for over 3,000 feet. A 5¹/₂ foot channel sample from one of the pits is reported to have assayed \$11.80/ton gold (gold at \$20.67/oz.).

In 1931 the Hurd claims were optioned to Amo Mines Limited who diamond drilled 12 holes, totalling 2,000 feet, over a distance of 2,000 feet along the porphyry.

Nearly all samples assayed contained low gold values but no orebody was indicated and the option was dropped.

Following the acquisition of the property by Arbade Gold Mines, a shaft was begun on claim #6686 and by the end of 1933 had reached a depth of 56 feet. In the sample year the company carried out 357 feet of X-Ray diamond drilling and the following year an additional 350 feet. In 1935 development consisted of trenching, stripping, some diamond drilling and the erection of a small mining plant.

In 1936 and 1937 the vertical, 2-compartment shaft was deepened to 215 feet and levels established at 125 and 200 feet. Fifty-six feet of crosscutting was done in the upper level.

following this the property was idle until November 1939 when the shaft was dewatered and development resumed. On the 200 foot level 419 feet of

crosscutting, north and south from the shaft, intersected 9 dykes varying in width from 6 to 22 feet. Three of these were reported to be gold bearing. Some diamond drilling was also done at this time but the results are not known.

Three samples shipped to the mines branch, Ottawa, for testing in 1934, gave the following results:

<u>Shipment No.</u>	<u>Weight (lbs)</u>	<u>Gold (O2./ton)</u>
1	84	0.225
2	102	0.12
3	50	0.185

GEOLOGY -

In the west-central part of Baden Township several dykes of finegrained syenite porphyry intrude Keewatin Tuffs. On the Arbade property a series of such dykes striking north-west can be followed for 1 1/2 miles. A shaft was sunk on one of these dykes, containing a stockwork of mineralized quartz veinlets. The quartz stringers and adjacent wall rock are heavily mineralized with pyrite and associated gold. The dyke averages about 8 feet in width. A section across the strike of the dikes just west of the shaft showed at least 10 of them including some of basic syenite, in a width of 400 feet.

In 1931 twelve holes totalling 2,000 feet of core were drilled by Arno Mines Limited at intervals along a distance of 2,200 feet in the syenite porphyry . Most of the assays from sections of the Porphyry contained gold, with values ranging from a trace to 0.03 ounces per ton except for one assay that was 0.10 ounces of gold per ton.

In 1948 W.S. Savage, resident geologist for the Ontario Department of Mines at Kirkland Lake, examined the property and described it as follows: An old trench extending 450 feet on a bearing N 70° W from the shaft has been cleaned out and exposes the vein on which the shaft was sunk. This vein consists of a stockwork of quartz stringers over widths up to six feet in fine grained syenite, lying along the north side of a shear, which dips vertically or steeply to the south. Pyrite mineralization was noted, with which the gold is said to be associated, and visible gold has also been reported.

In 1963 selected samples were taken from several types of rock in the dump and along the trench on claim M.R. 6686. Of these, ten assays ranged from a trace to 0.03 ounces of gold per ton, and one sample of syenite containing quartz stringers gave an assay of 0.49 ounces of gold per ton.

V.L.F. ELECTROMAGNETIC SURVEY

GENERAL - The V.L.F. Electromagnetic survey was completed using a geonics V.L.F. E.M.-16 Electromagnetic Unit.

The V.L.F. - transmitting stations operating for communications with submarines have a vertical antenna. The antenna current is thus vertical, creating a concentric horizontal magnetic field around them. When these magnetic fields meet conductive bodies in the ground, there will be secondary fields radiating from these bodies. This equipment measures the vertical components of these secondary fields.

The E.M. -16 is simply a sensitive receiver covering the frequency band of the V.L.F. - transmitting stations with means of measuring the resulting dip angles in a per cent value instead of degrees. It has a capability of $\pm 150\%$. The quad-phase is $\pm 40\%$.

Further information is appended.

Two V.L.F. transmitting stations were used.

Cutler, Maine at 17.8KHz and Annapolis, Maryland at 21.4 KHz.

Both dip angles and quadrature values are profiled on maps at one inch equalling 200 feet for each transmitting station. These results were then Fraser Filtered and contoured maps at the same scale

were prepared for each transmitter station.

During October of 1983 a control system of base and picket lines were cut over the Shiningtree Gold "arbade" Group. The linecutting which was carried out by Ron Crichton was of exceptional high quality considering the vegetation cover.

Baseline 0 + 00 was established 200' west of Post No. 3 claim No. 735488 and carried due north for 6000 feet, cuts through claim No. 681200 and intersects the north boundry of claim No. 681195. Picket lines were cut at 400 foot intervals.

It was decided to utilize both cutler and Annapolis as transmitting stations because of the variance of strike of the geological conditions.

The general North-west-south-east strike of the pink syenite porphyritic dykes warranted the use of the Cutler transmitting station, at a frequency of 17.8 KHz. The use of Annapolis, Maryland was used to outline North-south trending conductors at a frequency of 21.4 KHz.

V.L.F. CONDUCTOR LOCATIONS

Six major zones of interest occur on the Arbade Property.

ZONE I ANNAPOLIS, MARYLAND FREQUENCY

The most southerly zone. This zone shows a significant strike length and strength. It's

(3400') strike length appears to conform to a linear stratigraphic structure such as a fault or shear zone. This is indicated by the low negative quadrature response and relatively high inphase values. The conductive response to this anomalous zone could have been caused by platety alteration minerals i.e. talc.

Zone width is approximately 250 feet. The strongest source of signal strength occurs between lines 12 S - 4 N. The conductor shows a fold or arcuate bend at approximately line L0, 6/, this could also be structure related.

The anomalous zone traverses (through) claim No's. 681200, 735488, parallels the east claim boundary of claim no. 681199 and terminates at Stn. 6 + 00 north on claim no. 642715.

CUTLER, MAINE, FREQUENCY

Although not as clearly defined as on the Annapolis frequency, the general shape of Zone 1 conforms to that of Annapolis. The difference being caused by the interception angle of Cutler, which was not as ideally suited for the strike of this structure.

ZONE (2) ANNAPOLIS, MARYLAND, FREQUENCY

The most easterly zone. It is a short (800') interrupted zone which could have been possibly faulted at 6 + 00 N - 10 + 00 East. The southern co-ordinates are 2 + 00 north and northern limits

are 10 +00 N. It' approximate width is 200 feet. On line 2 + 00 north at 12 + 00 east the large inphase response and low negative quadrature reflects a structural anomalous zone. We follow this zone north and see it parallels the creek. The conductive nature of the creek (and its) bed is reflected in the positive response of the quadrature although it should be noted that this conductive nature of the creek is only acting as a masking effect on the structural information as revealed by the in-phase. It has been reported that this creek actually outlines structural information and should be regarded with some priority as it correlates with a magnetic high, flanked on both sides by magnetic lows.

CUTLER, MAINE, FREQUENCY

Due to the conductive nature of the creek the Cutler frequency also picked up this zone with relative strength, yielding the same amount of data as did Annapolis.

ZONE 3 ANNAPOLIS, MARYLAND, FREQUENCY

located East of the B.L. on L-12, 16 and 20 N
Zone 3 may be related to Zone 1 or Zone 2 but is interpreted separately due to a definite separation in the Fraser Filter contours. The centre of the strongest reponse and widest zone of conductivity as shown on the in phase is at 320' east on L-16-N.

This zone may represent a series of conductive lenses or a fracture zone. The quadrature readings indicate the possibility of weak sulfide mineralization as seen in the profile change from positive to negative coincident with the in phase cross-over.

CUTLER, MAINE

This frequency appears to define the conductive zone even better than Annapolis with the strongest and widest zone located on L-16-N at 4 + 20 east. The zone almost appears pod-like.

ZONE 4 ANNAPOLIS, MARYLAND, FREQUENCY

This zone has a north-northwest strike at a length of (2800'). It's average width is (350'). It borders on the north boundary line of claim No. 735483 and traverses through the north-west corner of claim No. 735482. The conductor axis of zone 4 starts at L 16 S-16 W and proceeds in a N-NW direction to terminate at 6 N - 26 W. To further trace the anomalous zone to the north and close off the anomaly to the west, extension lines were cut out to 3000 W. T.L.

The extension lines to date are on newly staked claims owned by Shiningtree Gold Resources Inc. These lines must be further extended to tie into the western boundaries of these new claims,

therefore a report will follow shortly concerning the assessment work performed. We will also make a brief mention about the 5th conductive zone lying to the west of the present Arbade group claims as it ties into zone 4 at L 4 + 00 S-26 + 00 W.

Zone 4 appears to be a surface conductor. The vegetation cover being mainly cedar and tag alder swamp is reflected in the relatively high positive in-phase profile along with a zero to slightly positive quadrature response. A clay subbase under the swamp could also be responsible for the anomalous trend.

ZONE 4 CUTLER, MAINE, FREQUENCY

Being a characteristic surface conductor Cutler frequency also outlined zone 4 with similar parameters. It was not as clearly defined due to the angle of interception from Cutler, Maine.

ZONE 5 ANNAPOLIS, MARYLAND, FREQUENCY

Zone 5 has a North-South strike at a length of (2400'). The Fraser Filter Map actually shows zone 5 to be connected to zone 4, although there are two separate conductor axis. It's average width is 250' and is located from L 28 S to 6 S. It is at 6+00 S where the join takes place to zone 4. It's width lies within 26 W to 29 W. This zone could possibly be a weakly conductive fault or shear zone for the following

reasons:

The cross-over point occurs on high ground on L-20 S 24W, it's inphase response is sharp and high signifying something vertical. The quadrature is negative at the cross-over point. On lines 16 S, 12 S, 8 S, 4 S at 28W, 29W, 29W and 29W repectively show the tendency in weak conductors to give a slight amount of positive quadrature and for the quadrature to follow the in-phase polarity.

ZONE 5 CUTLER, MAINE, FREQUENCY

Due to the nature of the interception angle of Cutler, the anomalous zone is not as clearly defined as did Annapolis. This north-south trending zone appears to be offset 400' to the east, and occurs between 25W and 21W. The length is 1200' starting at L24S and terminating at 12S.

The quadrature is negative and does not crossover in the anomalous zone. Sharp peaks are noted in the in-phase. This could indicate a poor conductor in non-conductive ground or at surface.

MAGNETOMETER SURVEY

A geometrics G 816/826 proton precession magnetometer was used to conduct the magnetic survey of this grid during October of 1983. This instrument measures the earth's total magnetic field to within one gamma on a digital read out. Survey procedure

involved the reading of the baselines to establish control points to tie in the survey. Checking back to the starting point was done within one hour and by adjusting these readings for drift control, points could be established. All reading along picket lines were then adjusted for hourly and daily magnetic drift. Kevin Cright carried out this survey for Bice and Associates.

Values were then plotted on a map with a scale of 1"=200' and contours drawn at intervals. A base level of 58,000 gammas was utilized on the map.

RESULTS OF THE MAGNETIC SURVEY

GENERAL - The airborne magnetic survey of Baden Twp. (Map P1019) shows an area of featureless magnetics in the survey grid area. This generally "flat" area of magnetic response was confirmed by the ground survey. There were no areas of high contrasting values. However, the ground survey was successful in that it pinpointed a number of "relatively" high and low features.

It confirmed a general stratigraphic North-South strike of the volcanics and heightened the definition of the conductive areas.

The magnetics do not appear to be useful in distinguishing the syenite dykes within the volcanics, however, they do appear to differentiate two different rock units within the volcanic pile,

referred to as the "North" and "South" magnetic unit. The contact of the "South" unit with the "North" unit is marked by a number of lows.

The South pile has a definite N-S magnetic trend while the North pile is less well defined. As the economic significance is the magnetic correlation with the conductive zones (apart from structure) the magnetic is relative to the conductive zones.

ZONE 1

The fold in the magnetics occurring at L24S - 2W has its axis pierced by the Annapolis conductor axis. This may conform to structure.

From line 20S to 4N at 4 west the Annapolis conductor axis seems to ride the magnetic gradient. This magnetic relief is only a mere 30 gammas but the detailed accuracy of the survey suggests that this is a bonafide magnetic ridge.

ZONE 2

This zone has three linear depressions adjacent to each other striking in the same direction (N-S) as is the Annapolis conductor. Once again the magnetic depression is low (-38 gammas). If the creek is indicative of a possible fault zone then the magnetic trend might help in verification. Location is on L 4N at 13E.

Another magnetic high of 40 gammas occurs on L-8N at 13E. This also occurs over the creek at it's bend.

ZONE 3

Zone 3 is located in the North Magnetic Unit and here once again we have a slight magnetic relief occuring along the same strike length as the Annapolis conductor.

ZONE 4

The magnetic trend correlates with the Electromagnetic strike although no defined features are recognizable. The conductor axis rides the highs on lines 8S, 0 and 4N. On the remaining lines between 16S and 8N it either flanks the highs or is in transition from high to low. Once again the total magnetic relief is only 30 gammas along the conduct axis.

ZONE 5

On line 20S in the high ground there is a correlating 40 gammas magnetic high ridge on the same strike as is the Annapolis conductor.

Possible fault zone, very weakly magnetized on line 16S and 12S. The Annapolis conductor correlates with a magnetic low (-40 gammas).

CONCLUSIONS

V.L.F. ELECTROMAGNETIC SURVEY

The V.L.F. E.M. survey has shown the strength of this geophysical method as a structural mapping tool. Three possible faults or shear zones were mapped out in Zones 1, 2, and 5.

A short linear conductive lense in Zone 3 was outlined and interpreted as a weakly conductive sulfide zone within a structural related fault.

In Zone 5 we have interpreted the E.M. response to be structurally related, possible fault or shear zone.

MAGNETIC SURVEY

The ground magnetic survey was successful in terms of confirming the featureless magnetics obtained during the airborne survey. The airborne as well as the ground survey did reveal two distinct North and South Magnetic Units within the volcanic pile. In the southern magnetic unit the magnetics confirm the general stratigraphic North-South strike of the volcanics while the Northern unit is less clearly defined.

RECOMMENDATIONS

The low sulphide content of the syenite porphyry dikes that was undetectable by the traditional E.M. methods warrants the use of a

possible I.P. survey. The localized dykes running parallel and as numerous as 10 in a width of 400 feet may be traceable using a simultaneous gradient-pole dipole survey to give better definition.

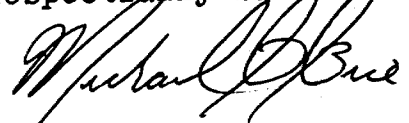
For a more detailed look at the magnetics, a gradient magnetic survey may yield more accurate data with regards to the low magnetic relief (40 gammas) in the magnetic ridges.

A stripping program may provide a better understanding of the local geology as there are very few outcrops on this property.

Humic sampling every 100 feet on lines 800 feet apart is a further exploration technique used to clarify or discover new targets.

Further prospecting and re-sampling of trenches on the property should also be implemented.

Respectfully Submitted by:



Michael D. Bice, C.E.T.

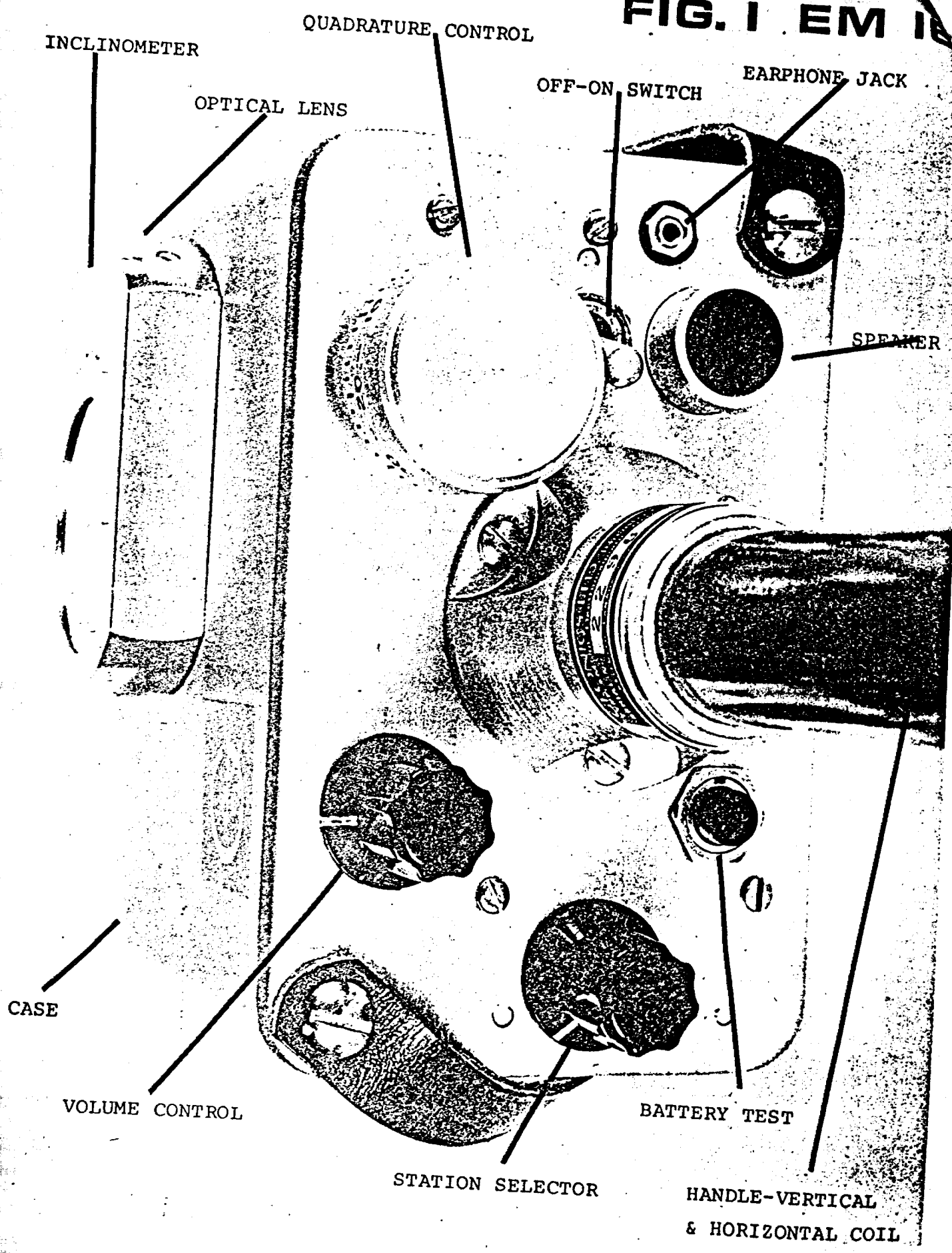


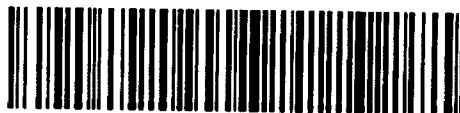
December 19, 1983

EM16 SPECIFICATIONS

MEASURED QUANTITY	In-phase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity).
SENSITIVITY	In-phase : $\pm 150\%$ Quad-phase : $\pm 40\%$
RESOLUTION	$\pm 1\%$
OUTPUT	Nulling by audio tone. In-phase indication from mechanical inclinometer and quad-phase from a graduated dial.
OPERATING FREQUENCY	15-25 kHz VLF Radio Band. Station selection done by means of plug-in units.
OPERATOR CONTROLS	On/Off switch, battery test push button, station selector switch, audio volume control, quadrature dial, inclinometer.
POWER SUPPLY	6 disposable 'AA' cells.
DIMENSIONS	42 x 14 x 9cm
WEIGHT	Instrument: 1.6 kg Shipping : 4.5 kg

FIG. 1 EM 18





42A025W0015 2.6227 BADEN

900

1984 01 05

Your File: 354

Our File: 2.6227

Mr. George J. Koleszar
Mining Recorder
Ministry of Natural Resources
4 Government Road East
P.O. Box 984
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic and Magnetometer) survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims L 642528 et al in the Township of Baden.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

J.R. Morton
Acting Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-1380

D. Kinvig:mc

cc: 547468 Ontario Limited
Box 40
Kirkland Lake, Ontario

March 29, 1984

Our File: 2.6227

547468 Ontario Ltd
Box 40
Kirkland Lake, Ontario
P2N 3M6

Dear Sirs:

RE: Geophysical (Electromagnetic and Magnetometer)
Survey submitted on Mining Claims L 642528 et
al in the Township of Bader

Enclosed are the plans, in duplicate, for the above-mentioned survey. Please have the author of the report date and sign each map and return them to this office as soon as possible.

For further information, please contact Mr. F.W. Matthews at (416)965-6918.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-6918

M.E. Anderson:mc

cc: Mining Recorder
Kirkland Lake, Ontario



Mining Lands Comments

- partial notification
 No qualifications
 - maps not signed

To: Geophysics *Mr. R. Barlow*

Comments

Approved Wish to see again with corrections

Date *13/2/89* Signature *RRL*

To: Geology - Expenditures

Comments

Approved Wish to see again with corrections

Date Signature

To: Geochemistry

Comments

L.D.

Approved Wish to see again with corrections

Date Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

REGISTERED

1984 06 21

File: 2.6227

547468 Ontario Limited
Box 40
Kirkland Lake, Ontario
P2N 3M6

Dear Sir:

RE: Geophysical (Magnetometer & Electromagnetic)
Survey submitted on Mining Claims L 642558
et al in the Township of Bader.

Enclosed is a copy of our letter dated April 18, 1984
requesting additional information for the above-described
survey.

Unless you can provide the required data by July 3, 1984,
the mining recorder will be directed to cancel the
work credits recorded on December 14, 1983.

For further information, please contact Mr. Ray
Pichette at (416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-1380

S. Hurst:sc

cc: Mining Recorder
Kirkland Lake, Ontario

Encl.

84-07-07

*Send
back
for J. Pares
Signature*

*Jim Pares will be
coming in this office
in July for
all reports &
maps*

*Kirkland Lake
567-3800*

April 18, 1984

Our File: 2.6227

547468 Ontario Limited
Box 40
Kirkland Lake, Ontario
P2N 3N6

Dear Sirs:

RE: Geophysical (Electromagnetic & Magnetometer)
Survey submitted on Mining Claims L 642558
et al in the Township of Bader

I apologize for having to write you again but it was overlooked that qualifications are required for Michael D. Bice. Enclosed is an outline for submitting qualifications.

For further information, please contact Mr. F.W. Matthews at (416)965-6918.

Yours very truly,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-6918

S. Hurst:mc

Encl.

James R. B. Parres

Born: Sept. 8, 1941

South Porcupine, Ont.

Education: High School - Hagar High
Flin Flon, Man.

Exploration Experience 1955 - 1959
Live cutting claim staking
geophysicist
A. L. Parres - Flin Flon, Man.

1960 - 61 Kerr Addison Mines Ltd. Flin Flon, Man.
Geophysical operator

1962 - 1964 Suggsheim Exploration
Geophysical Operator

* 1970 - 1973 University of Saskatchewan
B.Sc. 3 year Geology
B.Sc. Advanced (4 year program)
Geology

1974 - Airborne Geophysics - Aerodat

1980 - 1984 Geophysicist, geologist
Shiningtree Gold Resources Inc.
Dobie, Ontario

Yours truly,

James R. B. Parres

Box 40
Kirkland Lake, Ont.
#2N3M6

Resources (Geophysical, Geological, Geochemical and Expenditures)
 Ontario *Lands & Minerals* W8308-354
(File # 642528) Mining Act

Dec 30th Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below. *#354*

Type of Survey(s) **GEOPHYSICAL (2 STATIONS VLF-EM)** *MAGNETOMETER* Township or Area **BADEN TOWNSHIP**

Claim Holder(s) **547468 ONTARIO LIMITED** Prospector's Licence No. **7-1457**

Address **BOX 40 KIRKLAND LK. ONT.**

Survey Company **BICE & ASSOCIATES** Date of Survey (from & to) **24 10 83** to **30 10 83** Total Miles of line Cut **4**

Name and Address of Author (of Geo-Technical report) **JAMES R. B. PARRIS 4 MCPHERSON ST. DOBIE, ONT. P. K1B0**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	60
	- Magnetometer	20
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
L-	642714				
	642715				
	642528				
	642529				

RECEIVED
 NOV 7 1983
 MINING LANDS SECTION

LARDER LAKE MINING DIV.
RECEIVED
 OCT 31 1983
 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

Instructions
 Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **7**

Date **Oct. 31/83** Recorded Holder or Agent (Signature) *James R. Parris*

For Office Use Only

Total Days Cr. Recorded **320** Date Recorded **OCT 31 1983** Mining Recorder *[Signature]*

Date Approved as Recorded **Oct 23 1983** Branch Director *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **JAMES R. B. PARRIS 4 MCPHERSON ST DOBIE ONT P. K1B0**

Date Certified **OCT 31 1983** Certified by (Signature) *James R. Parris*



Ministry of
Natural
Resources

File L 714916 Baden Twp
Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

2.6227

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

WB308.423

Mining Act

Type of Survey(s) <i>MAGNETOMETRIC</i> GEOPHYSICAL (2 Stations U.L.F.E.M.)	Township or Area BADEN TOWNSHIP
Claim Holder(s) 547468 ONTARIO LIMITED	Prospector's Licence No. T-1457
Address BOX 40 KIRKLAND LAKE, ONT.	
Survey Company BICE & ASSOCIATES	Date of Survey (from & to) 01 11 83 04 11 83 Day Mo. Yr. Day Mo. Yr.
Total Miles of line Cut 8	
Name and Address of Author (of Geo-Technical report) Michael D Bice Box 100 KIRKLAND LAKE, ONT. P2N 3M6	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	60
	- Magnetometer	20
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Geological	
	Geochemical	
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	714996				
	681195				
	681196				
	681199				
	681201				
	681200				
	714998				
	714997				

LARDER LAKE
MINING DIV.
RECEIVED
DEC 14 1983
AM
7 18 9 10 11 12 1 2 3 4 5 6 PM

RECEIVED
MAR - 3 1984
MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work.

Date *Dec 14, 1983* Recorded Holder or Agent (Signature) *Michael D Bice*

For Office Use Only

Total Days Cr. Recorded *640* Date Recorded *DEC 14 1983* Mining Recorder *[Signature]*

Date Approved as Recorded *89.8.83* Branch Director *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

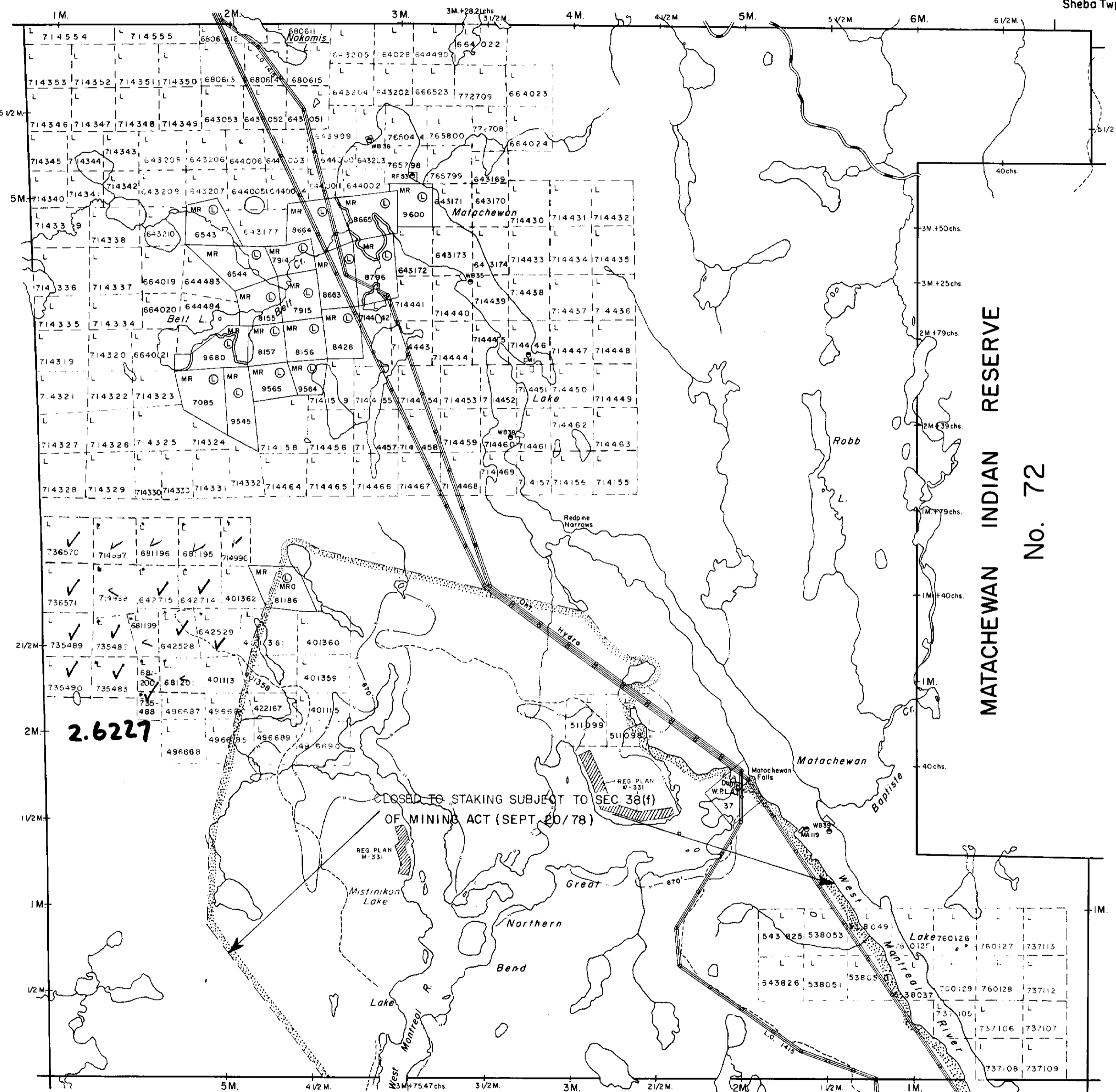
Name and Postal Address of Person Certifying
Michael D Bice Box 100 KIRKLAND LAKE ONT P2N 3M6

Robertson Twp. M.310

Sheba Twp. M.385

Argyle Twp. M.203

Alma Twp. M.202



THE TOWNSHIP
OF

BADEN

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	● or (P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Lac.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	⋈
CANCELLED	○
PATENTED S.R.O.	●

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Flooding rights to contour elevation 870' to Ont. Hydro, L.O. 7601. File: 12290 v.2

DATE OF ISSUE

MAR 10 1984

Ministry of Natural Resources
TORONTO

PLAN NO. **M.205**

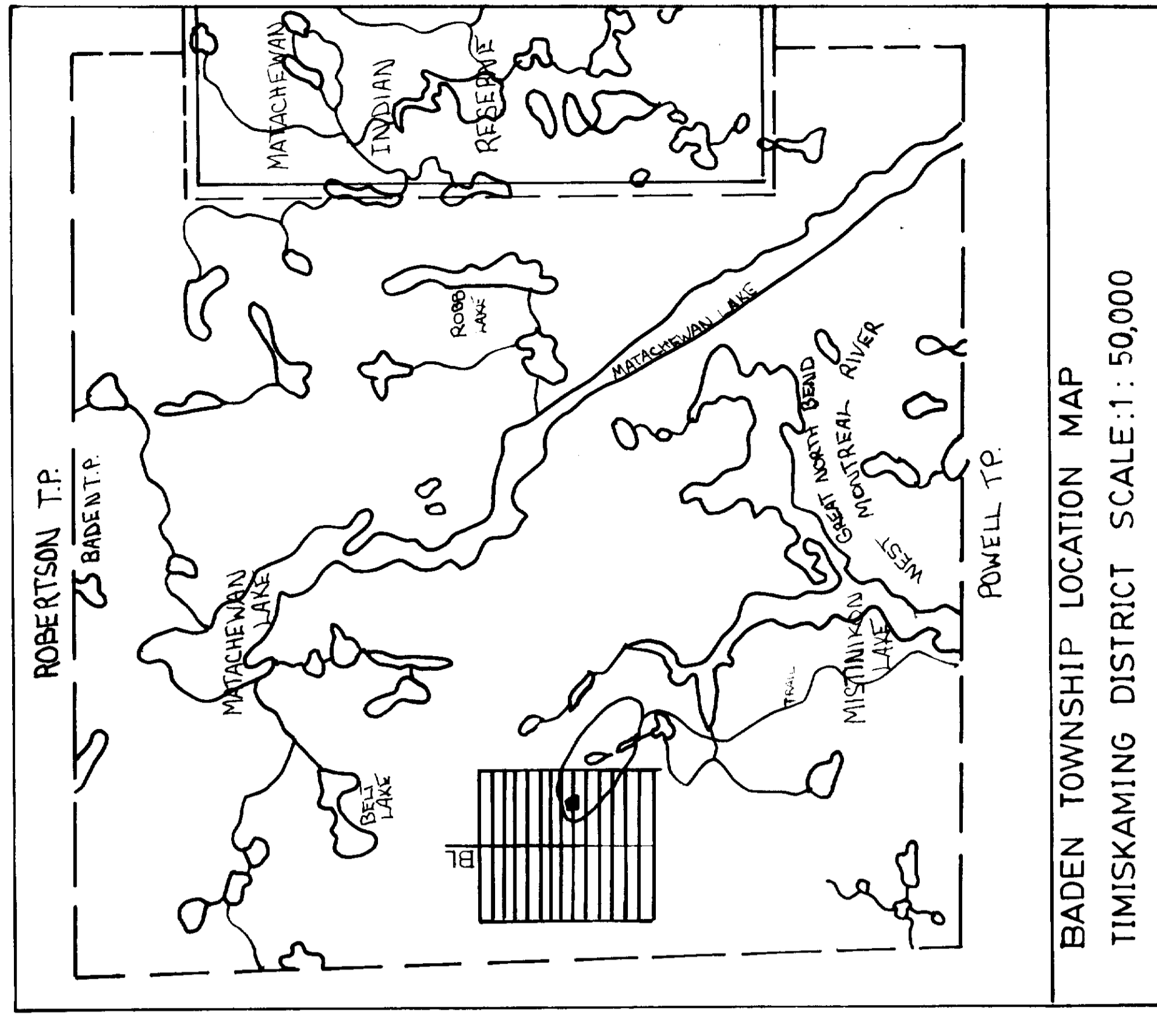
ONTARIO
MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH



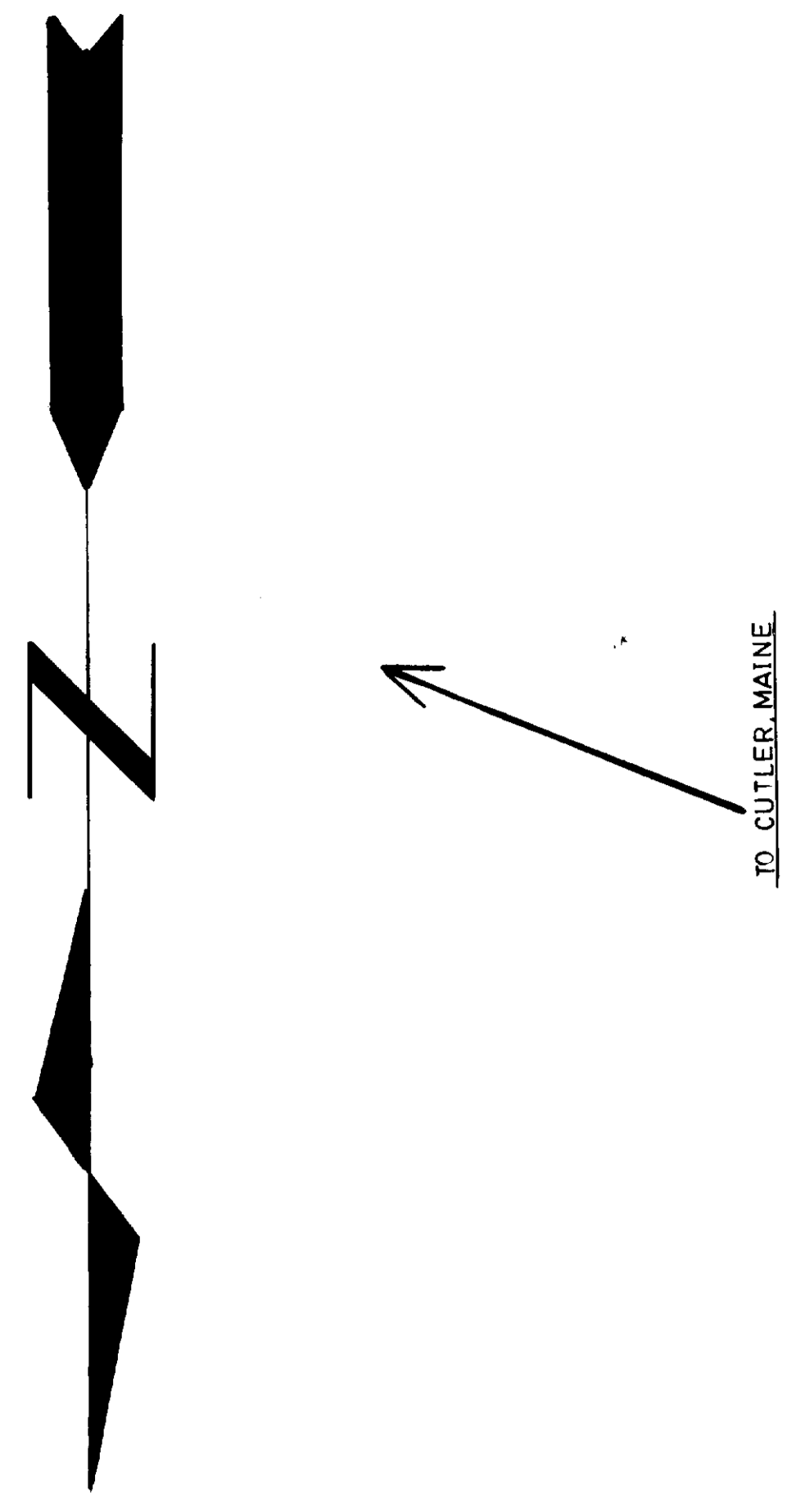
42A025W0015 2.6227 BADEN

200



LEGEND
 INPHASE VALUES PLOTTED TO THE LEFT OF LINE
 OUT OF PHASE VALUES PLOTTED TO THE RIGHT OF LINE
 POSITIVE VALUES PROFILED TO THE LEFT OF LINE
 NEGATIVE VALUES PROFILED TO THE RIGHT OF LINE
 CLAIM LINE
 CONDUCTOR AXIS
 INPHASE QUADRATURE 1 INCH TO 20%
 OUT OF PHASE QUADRATURE 1 INCH TO 20%

James R. Blaine
 Dec 19/23

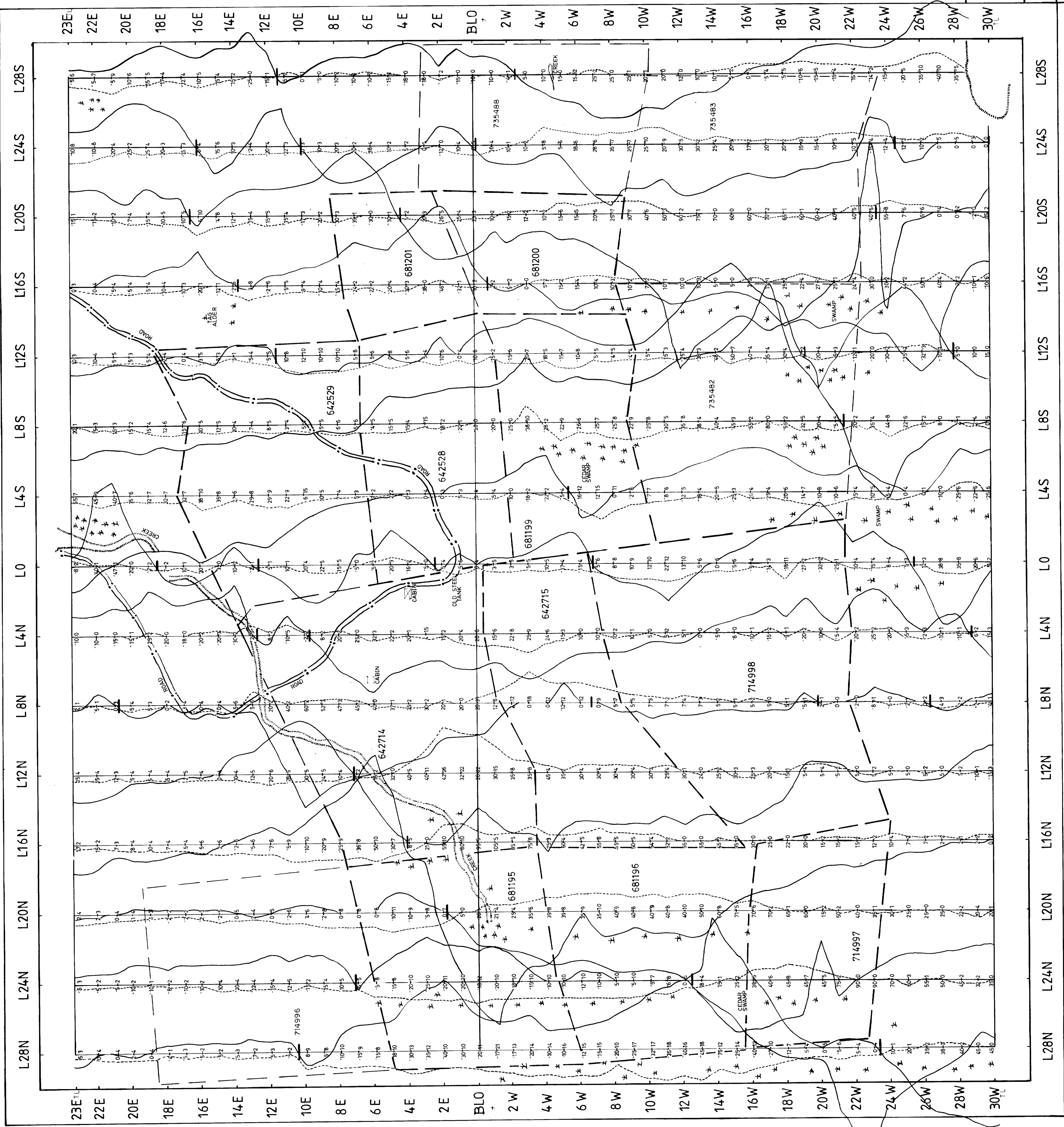


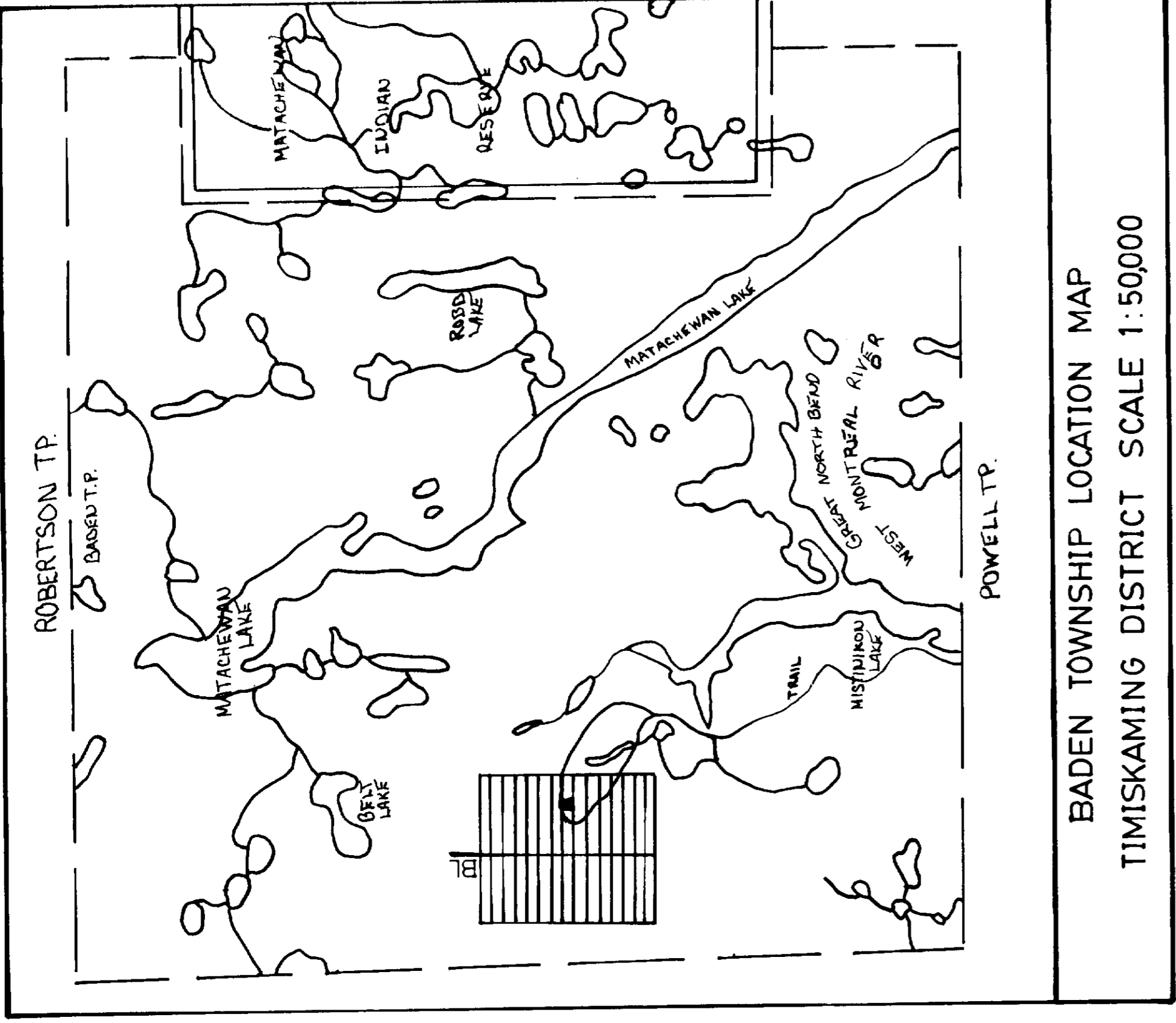
James R. Blaine B.Sc.

SHININGTREE GOLD RESOURCES INC.
 BADEN TOWNSHIP, ONTARIO

VLF ELECTROMAGNETIC SURVEY
 ARCADE GROUP

SCALE: 1"=CH-200 FEET DATE: NOV 7/03 - NOV 15/03 SURVEY BY: BCE AND ASSOCIATES
 TRANSMITTING STATION: CUTLER, MAINE AT 175 KHZ DRAWN BY: M. LUONG





LEGEND
 INPHASE VALUES PLOTTED TO THE LEFT OF LINE
 OUT OF PHASE VALUES PLOTTED TO THE RIGHT OF LINE
 POSITIVE VALUES PROFILED TO THE LEFT OF LINE
 NEGATIVE VALUES PROFILED TO THE RIGHT OF LINE
 CLAIM LINE
 CONDUCTOR AXIS
 INPHASE QUADRATURE - 1 INCH TO 20%
 OUT OF PHASE QUADRATURE - 1 INCH TO 20%

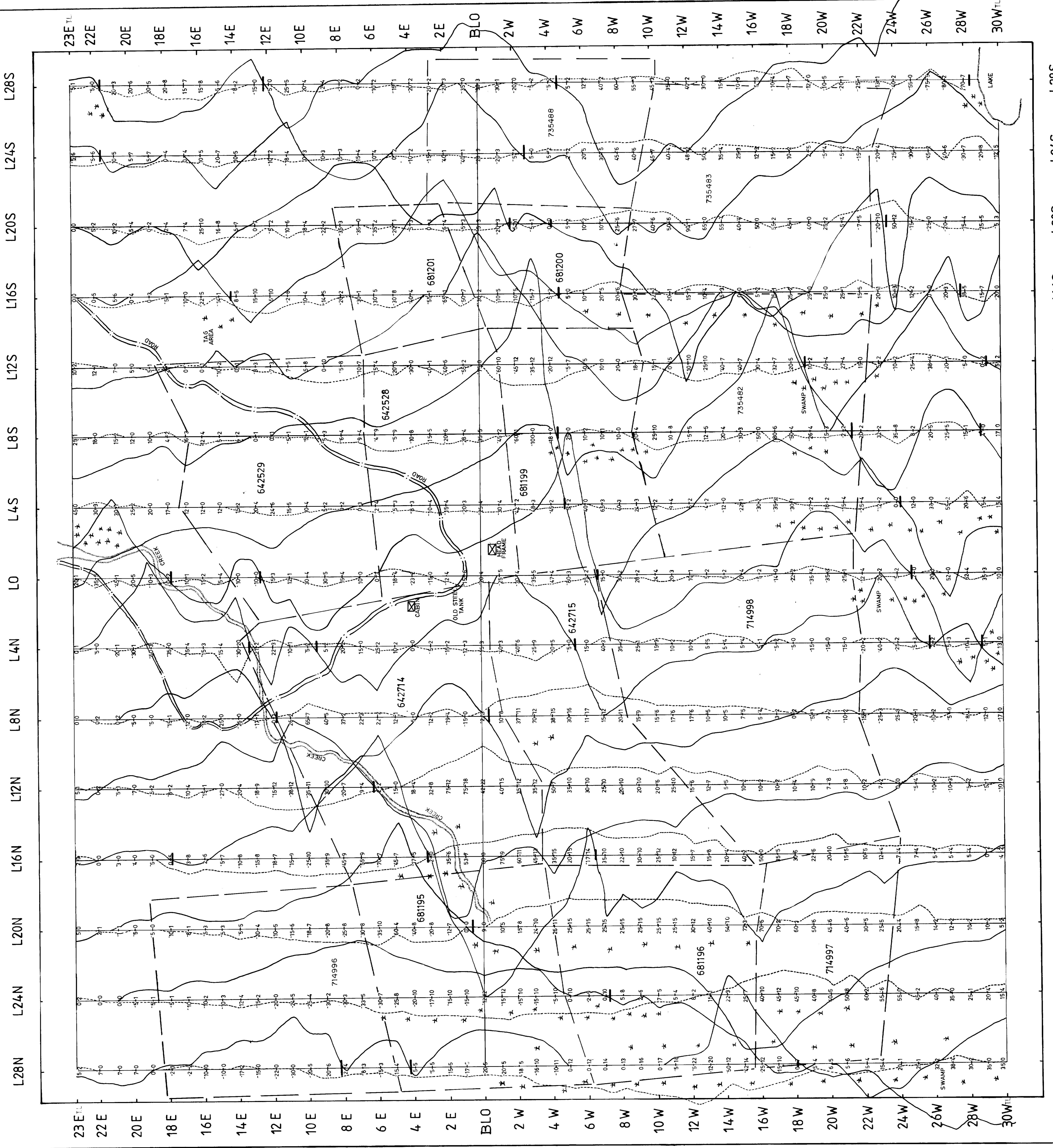
James R. Blaine
 Dec. 19/83

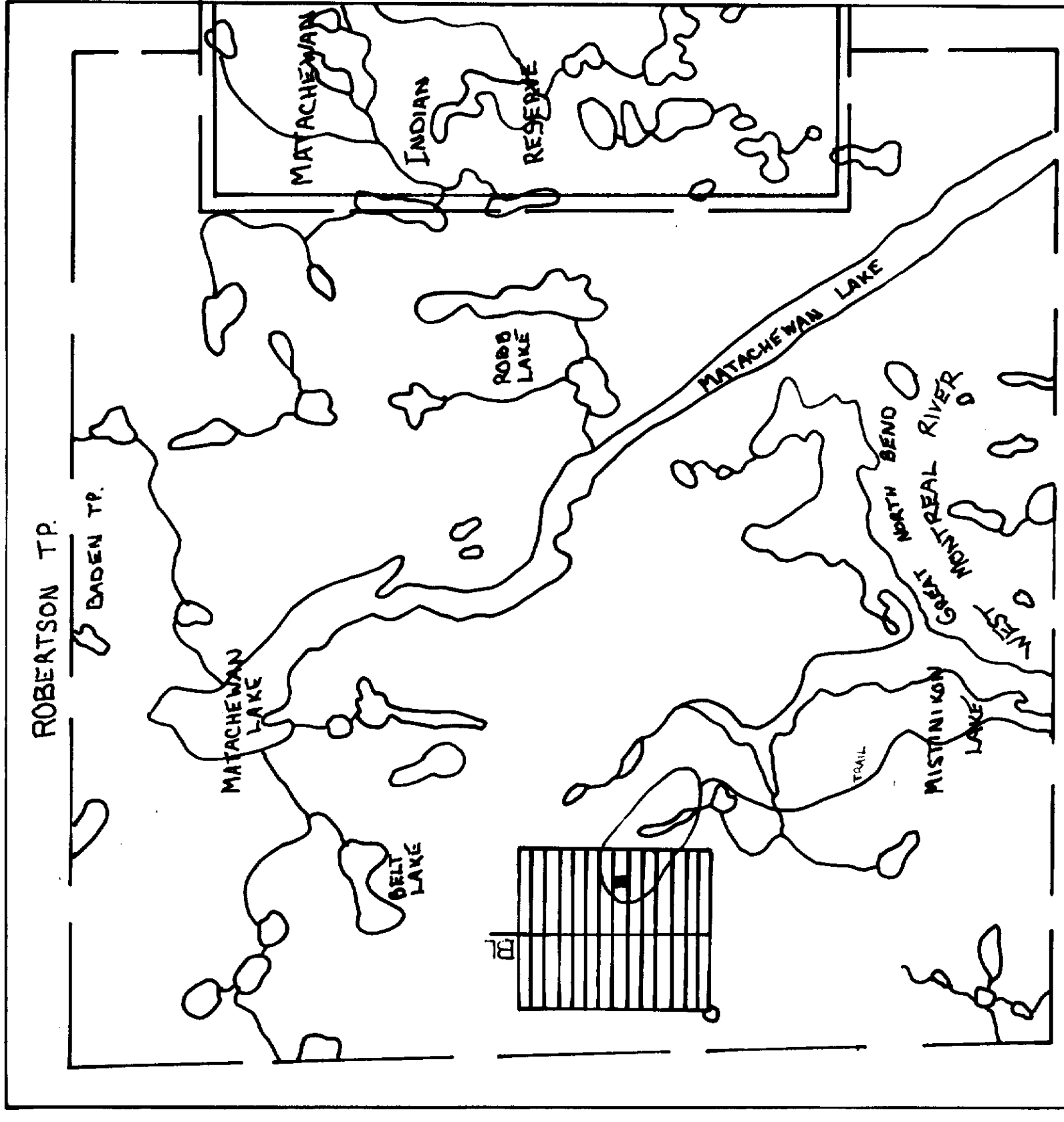
TO ANNAPOLIS, MARYLAND

James R. Blaine B.Sc.

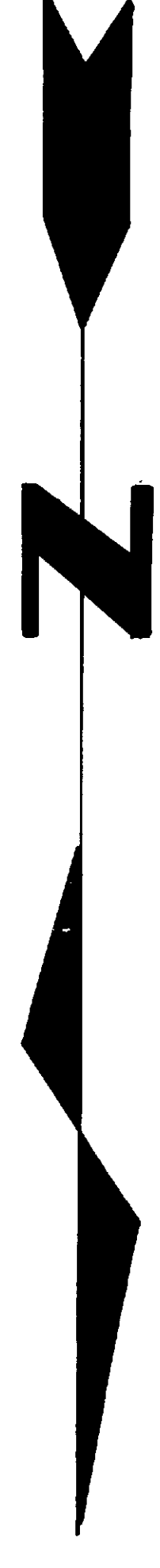
SHININGTREE GOLD RESOURCES INC.
 BADEN TOWNSHIP, ONTARIO
 VLF ELECTROMAGNETIC SURVEY
 ARBADE GROUP

SCALE: 1 INCH=200 FEET
 DATE: NOV 7/83 - NOV 15/83
 SURVEY BY: EICE AND ASSOCIATES
 TRANSMITTING STATION: ANNAPOLIS, MARYLAND AT 21.4 KHZ
 DRAWN BY: M LUNG
 61-6087





BADEN TOWNSHIP LOCATION MAP
TIMISKAMING DISTRICT SCALE: 1:50,000



LEGEND
INSTRUMENT - GEONICS EM-16 ELECTROMAGNETIC UNIT
CONTOUR INTERVAL - 10 UNITS
CLAIM LINE
CONDUCTOR AXIS

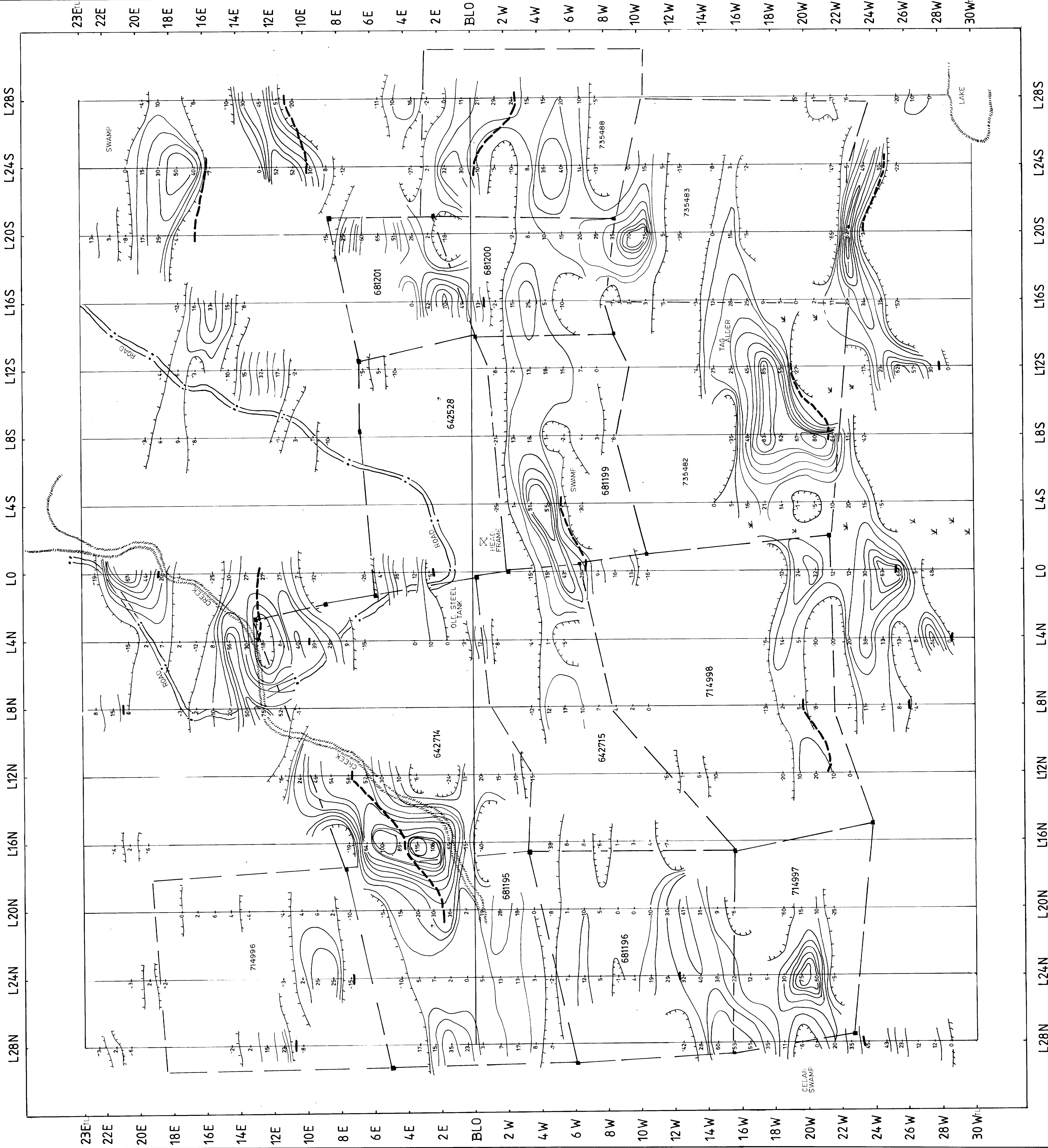
James R. Blarso
Dec. 19/83

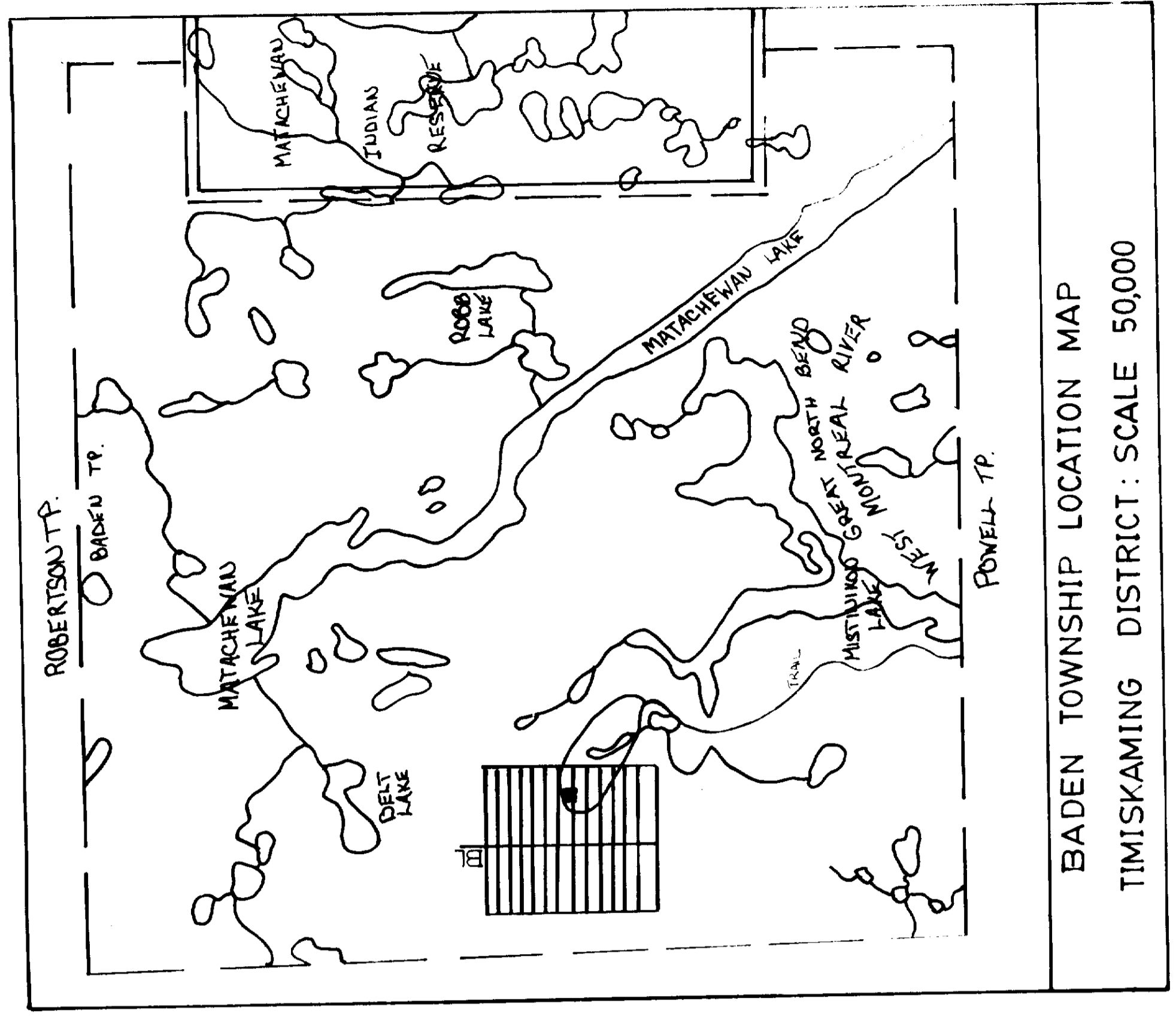
James R. Blarso B.Sc.

SHININGTREE GOLD RESOURCES INC.
BADEN TOWNSHIP, ONTARIO

VLF ELECTROMAGNETIC SURVEY
FRASER FILTER CONTOUR MAP
ARBADE GROUP

SCALE: 1 INCH=200 FEET DATE: NOV 7/83 - NOV 15/83 SURVEY BY: BICE AND ASSOCIATES
TRANSMITTING STATION: CUTLER, MAINE AT 178 KHZ DRAWN BY: M. LUND





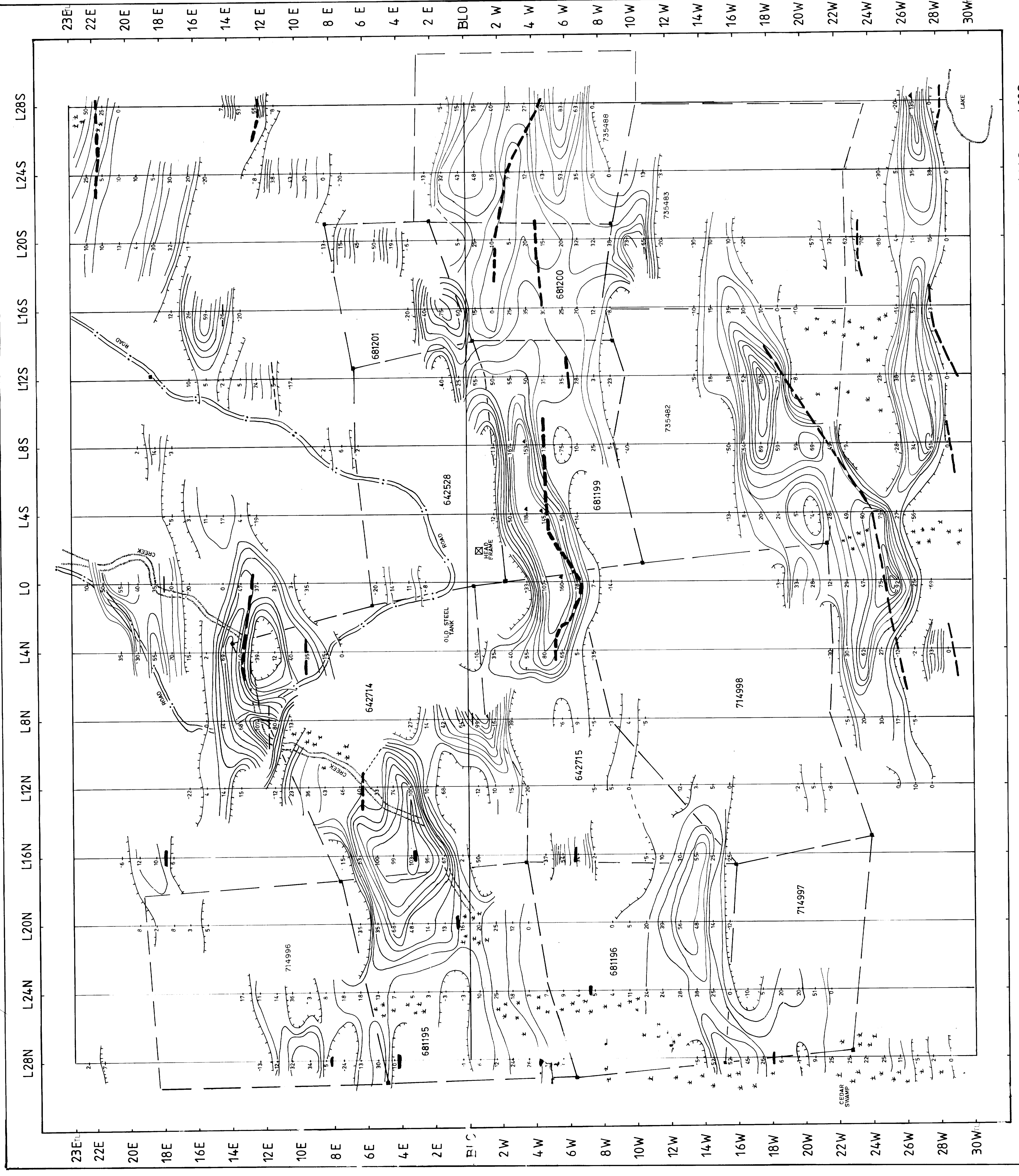
LEGEND
 INSTRUMENT - GEONICS EM-16 ELECTROMAGNETIC UNIT
 CONTOUR INTERVAL - 10 UNITS
 CLAIM LINE
 CONDUCTOR AXIS

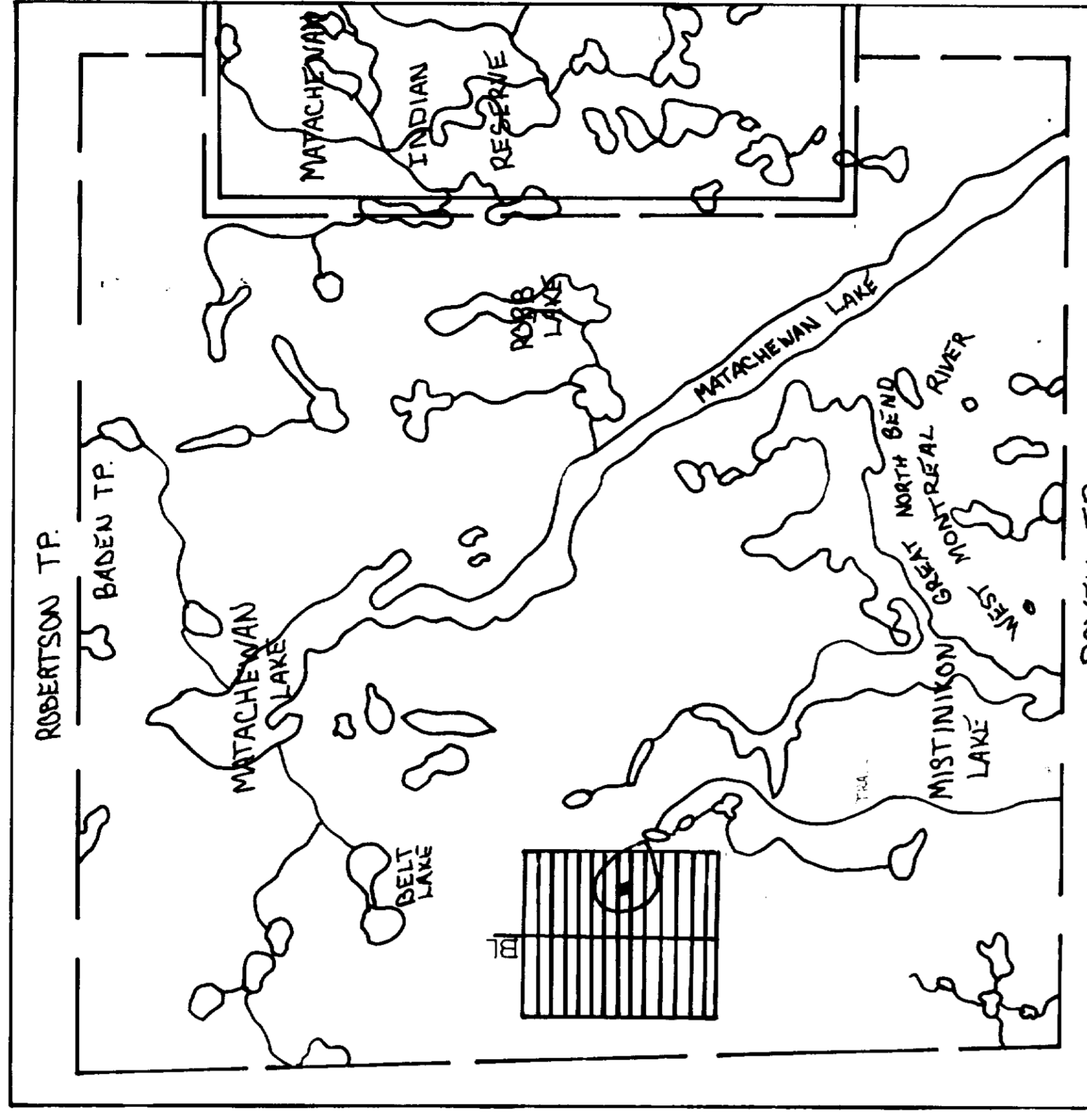
James R. Blaine
 Dec 19/83

James R. Blaine B.Sc.

SHININGTREE GOLD RESOURCES INC.
 BADEN TOWNSHIP, ONTARIO
 VLF ELECTROMAGNETIC SURVEY
 FRASER FILTER CONTOUR MAP
 ARBADE GROUP

SCALE: 1 INCH = 200 FEET
 DATE: NOV. 2003
 TRANSMITTING STATION: ANNAPOLIS, MARYLAND AT 214 KHZ
 2.6287





BADEN TOWNSHIP LOCATION MAP
TIMISKAMING DISTRICT SCALE 1:50,000



LEGEND
CLAIM LINE ———
EM. CONDUCTOR AXIS - - - - -

James R. Blaisie
Dec. 19/83

James R. Blaisie B.Sc.

SHININGTREE GOLD RESOURCES INC.
BADEN TOWNSHIP, ONTARIO

MAGNETIC SURVEY
ARBABE GROUP

DATE: NOV 7/83 - NOV 15/83 SCALE: 1 INCH=200 FEET SURVEY BY: BICE AND ASSOCIATES
INSTRUMENT: GEOMETRICS PROTON PRECESSION MAGNETOMETER CONTOUR INTERVAL: 10 GAMMAS
CONTOUR BASE LEVEL 0=55,000 GAMMAS DRAWN BY: M. LUNG 86227

