PHASE TWO

REPORT ON THE MINING CLAIMS IN DISTRICT OF TEMISKIMANG KNOWN AS:

THE BLOOM LAKE GROUP

for

Mr. Barry Amos, Matachewan, Ont.

by

Sylva Explorations Limited

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Contents :

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Abstract:

The 7 mining claims numbered 495963-5, 495953-55 and 506[illegible]5 make up a contigous group controlled by Mr. Barry Ames of Matachewan Ont, and are currently undergoing a geophysical examination by Sylva Explorations of Matachewan. Previously the Eastern claims which include an old shaft and the southern shore of Otisse(Sloan) Lake were examined with geochemical, Self Potential and a partial Maxmin II coverage. With funds available the Lake portion of the property and the Western portions were examined in the winter of 1978-79. The entire property was covered with a magnetometer survey over lines cut at 100 and two hundred foot intervals. In the current program one zone was found to continue and two others were located principally by VLF methods but responding to three channels or better on the OP component of the Maxmin survey one of which may have a magnetic correlation.

The zones are thought to be disseminated to weakly massive sulphide structures of considerable length which may lie along the contacts of k nown syenite intrusives which likely extend into the lake. The presence of a past producer a few hundred feet to the south suggests that these may be gold bearing. Work is to continue utilizing geochemical and self potential techiniques in the hope that the zones which seem to lie at depth may surface in some representative value which could be sampled prior to diamond drilling on the West shore of the Lake where very little work has been carried out in the past. It has also been recommended that more Maxmin be utilized over the lake portion of the property. It was decided that the four hundred foot coil spacing was much more definitive than the two hundred foot spacing althoggh the smaller spacing shows that the conductors do come near to the top although the lack of shoulders and weak responses make it difficult to intepret the results. It was also recommended that the Westermost part of the property be rerun with VLF since the station which was Seattle, Washington did not fairly represent the portion of the property which projects onto the land portions which lies goes against the strike. Cutler, Maine would be much more suitable but was very intermitant during the course of the survey. The [illegible] strength component of the system is felt to be of sufficient importance to warrant such a rerun to match with the SP results which will hopefully shortly be obtained when the water resides.

MAGNETIC SURVEY

The magnetic survey failed to show a great deal of information as was anticipated from studying the aeromagnetic maps prior to the survey plus an examination of the assessment filed by a previous holder of the claims who covered the lake surface only.

Several isolated diabase dikes were located which agree with the geological mapping which was previously lost in a fire (which will be redone in the present field season). However the North south lines did not delinate the dikes since they tended to wander and pinch in and out. Several dikes were traced with East West traverses for the purposes of mapping these notably being the high readings on lines 12 and 14 W near the south boundary, pinching ans passing between the sadid lines near the baseline and reappearing in the East bay of Otisse Lake at IWNXH XX 7N on Line 10W where it goes off the property. On Line 7 32W at 7S another dike was defined where it was widest in the Lake and south onto the shore where it lies in a swampy area. This Dike was found in the underground workings of the Matachewan Consolidated Mines. It appears to widen and then narrow where it can only be detected by EW traverses.

Another narrow dike which was mapped previously on the same strike was found on 150N on Line 12E. This particular dike and indeed a characteristic of all such structures on the property shows the same abrupt narrowing and widening pattern.

On the extreme Eastern boundary of the claim group several other magnetic features are present which show a North and South pattern which would seem to denote another dike, however this interpretation is dubious, first since outcrop available does not show it and secondly there are two definite EW geophysical features which trend through the swamps on either side of the outcrop. Further geophysical work will be needed on a closer grid spacing to define this.

In Otisse Lake just south of the North boundary a definte EW Magnetic feature outlines a structure or rocktype or perhaps a mineral deposit of a magnetic type which cannot be ignored in an otherwise flat unprofiable map. Interstingly a Electomagnetic feature co-incides with this.

To the extreme south of the Lake and onto the shore a magnetic depression trending between the two definite diabase dikes coincides a known syenite intrusive. It is to the North of this feature that the most interesting MaxMin II target was found.

There are a few scattered magnetic areas to the North of the feature which may or may not suggest that the EM anomaly has a magnetic signature.

The remainder of the map shows many isolated weakly magnetic highs and lows but not in any definite contourable pattern. This can be expected in the greywackes which are known to underly the property which could be very variable in nature.

The possibility exists that the Northern most feature could show a shallower depth of the sediments but at this stage this would be largely conjecture.

Operator - G. L. Taman Authour - R. Sheedy.
Base Station - +500 gammas.

VLF-EM (Crone Radem)

In the VLF survey, the field strength and dip angle are recorded. Little description is need for this well known instrument. Sylva had very good results while contracting and stripping while utilising the field strength component of the system when relocating induced polarization zones in recent times. It has also been noticed that the field strength coincides with bonafide EM16/MinII anomalies on the highest channels and runs hand in hand with SP anomalous conditions. Very probably the zones discovered on the Ames property would best be handled with induced polarisation however much more information can be gleaned by the present three systems for lost cost and faster coverage.

Of the three zones noted in the survey, two to the north were continuations of former work and one new one was discovered.

The first to the north trends from SW of the baseline on the East and slightly North of West off the property. This zone can hopefully be stripped after a SP survey.

The second zone follows the same strike and roughly lies just to the North of the Baseline. Its conductivity is variable in nature and on some lines does not even seem to exist. This may be caused by the instrument being put to work at its detection limits or simply because the mineralization is weak. The Max Min did not yield very high shoulders suggesting a deeper lieing source of disseminated material.

The last zone was found to the south and was perhaps the strongest. [illegible] to distance like for a length

1500'. This zone coincided very well with the MaxMin results which showed some areas to be sufficiently massive to yield a notable IP response particularly on Lines 22 and 24W. The Radem profiles show a strong south dip to the zone. There is a secondary but weaker response nearer to the shore which very likely is a contact. However the rise in field strength suggests that some mineral is present even here although the MaxMin failed to pick this up.

Interestingly, no results were found in the areas where extensive diamond drilling was carried out as reported upon in Phase one of this report. This serves to verify the Self_ Potential results which were taken in the fall of 1978.

Other isolated readings were noted which were either spurious or perhaps over Lake sediments or even discarded metal objects from the old mine workings to the North. (It is rumoured that there is a few automobiles in the lake)

Another notable feature was the fall in field strength when operating over a diabase dike. This is probably caused by the strike of the dike lieing homogenously and normal to the station of Seattle Washington.

As previously mentioned, the Western portion of the grid should be reran using Cutler,Maine as a station since the strike of the zones would be more agreeable. This is well borne out by the fact that the dip angle crossovers and the field strength peaks are wider apart than what has been the authours experience although in many cases this is due to the strong dips of the zones. A few lines were actually run using Cutler but not enough for a presentation. Failing ice conditions prevented further work. Since drilling must be done through the ice it would be wise in the authours opinion to do such a survey prior to the program. The Western Land portions should be reran to correlate with the SP survey which will soon be initiated.

ELECTROMAGNETIC SURVEY - MaxMin II

3555Hz presented - 200' coil spacing - Operators - B. Ames, R. Sheedy
Authour - R. Sheedy.

******

Perhaps the most sophisticated instrument to be utilized in the winter survey of the Ames claims was a MaxMin II. It had been decided to shorten the coil spacing from 400' from the previous work to 200' in the hopes that the greater sensitivity would serve to delineate the tops of the mineralization rather than the mass. While this effect was acheived it becomes abundantly clear that the sources of the anomalous zones are deep or stonger at depth since several reruns of former lines were made to ease interpretation. While the tops of the Eastern anomalies were found where the larger coil spacing formerly located them, they would have been overlooked in a normal 200' survey.

The lake anomalies were far more responsive but it is felt that these too could be better worked with a 400' coil spacing prior to collaring diamond drill holes. The Western land portions must be reran with the longer cable.

The survey gave response on threee to five channels even with the short cable and ruled out the possibility of conductive overburden or lake sediments. It also spoke highly of the SP results which showed sudden an often confusing mx negative readings on the land portions where a long string of positives had preceded. The SP is reading quite deep.

As with the VLF, two zones were found to continue and one new one was located. These are in complete harmony with the exception that the MaxMin does not show any particular dip, but this has been noted before by the authour and is not a matter of any concern. The QP component was the most helpful with the stronger readings registering a in Phase response as well. These zones should be reran prior to any diamond drilling.
Channels are 3555, 1777, 8888, 444, 222 Hz.

CLUSIONS AND RECOMMENDATIONS -

Although some refinements can be made in the work completed to date on the Ames claimgroup the property can be for all intents and purposes - covered.

Thourough geological mapping, more geochemical and Self potential work would be in order where applicable.

Many syenite intrusives were noted on the property in 1978 and in the Matachewan area these are noted for being harbingers of gold deposition, and in the case of the claimgroup in question a strong likelyhood since the southermost anomaly lies a scant thousand feet from the shaft of the Matachewan Consolidated Mine and the Northern most stope even closer to the anomaly in the South West Bay. It was in this stope that ore was mined from a syenite arkose rock which closely fits the description of much of the greywacke on the south of the Ames claims. If one was to examine the nature of the ore mined and the nature of the orebody currently being explored by Pamour Mines to the South West one claim away one would wonder just what type of a geophysical response could be expected if any at all. Certainly at best it would have to be described as disseminated with some massive sections --- probably not as strong as what has been detected on Mr. Ames' claims.

It is therefore recommended that the previous recommedations be carred out and a diamond drilling program instituted as soon as possible.

Certified Correct

Robert Heady

Chief Prospector

Ontario

Ministry of Natura

GEOPHYSICAL – GEOLOGIC/
TECHNICAL DATA

41P15NE8283 2.3212 POWELL

900

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) MAGNETIC

Township or Area POWELL

Claim Holder(s) B. AMES – R. SHEEDY

Survey Company SYLVA EXPLORATIONS LIMITED

Author of Report R SHEEDY

Address of Author BOX 135, MATTAGAMI, ONT.

Covering Dates of Survey SEPT 1978 – JAN 1980
(linecutting to office)

Total Miles of Line Cut 6.91 - cut 11.893 Electro 12.916 mag

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

DAYS per claim

Geophysical
–Electromagnetic
–Magnetometer 20
–Radiometric
–Other
Geological
Geochemical

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer ____ Electromagnetic ____ Radiometric ____
(enter days per claim)

DATE: Jan 22/80 SIGNATURE: R. Sheedy
Author of Report or Agent

L.D.

Res. Geol. ____ Qualifications B. Sc.

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	495963
L	495964
L	495965
L	495953
L	595954
L	495955
L	506175

TOTAL CLAIMS ____

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument _____

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

Ontario

File _____

Ministry of Natural Resources

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) ELECTROMAGNETIC
Township or Area POWELL
Claim Holder(s) B. AMES

Survey Company SYLVA EXPLORATIONS LIMITED
Author of Report R. Sheedy
Address of Author Box 135, Matachewan, Ont.
Covering Dates of Survey March 1979 – JAN/1980 (linecutting to office)
Total Miles of Line Cut 0.775 miles

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	40
–Magnetometer	[redacted]
–Radiometric	
–Other	20
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: Jan 22/80 SIGNATURE: Robert Sheedy (Author of Report or Agent)

Res. Geol. _____ Qualifications 2.2501

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED List numerically

VLF EM

(prefix)	(number)
L	495963
L	495958

If space insufficient, attach list

TOTAL CLAIMS 2

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations [redacted] 544 Number of Readings [redacted]

Station interval 50 + 100' Line spacing 200 + 100'

Profile scale Vertical - % (MAXIMUM) DEGREES (VLF)

Contour interval

MAGNETIC

Instrument

Accuracy – Scale constant

Diurnal correction method

Base Station check-in interval (hours)

Base Station location and value

ELECTROMAGNETIC

Instrument VLF-EM- CRONE RADEM

Coil configuration

Coil separation

Accuracy +/- 1°

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency ~~[redacted]~~ SEATTLE, WASHINGTON
(specify V.L.F. station)

Parameters measured DIP ANGLE - FIELD STRENGTH

GRAVITY

Instrument ~~McPHAR M700~~

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION
RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey HORIZONTAL LOOP - ELECTROMAGNETIC

Instrument MAXMIN II - APEX PARAMETRICS

Accuracy +/- 1% - IN OR QP

Parameters measured IP - QP

2

Additional information (for understanding results) 200' COIL SPACING -

3555HZ - COILS IN LINE - HORIZONTAL -

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

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_____

2.3212

1983 09 16 2.3212

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:

RE: Geophysical (Electromagnetic) Survey on mining claims
L 495953 et al in the Township of Powell

The Geophysical (Electromagnetic) Survey assessment work credits as shown on the attached statement have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-1380

D. Kinvig:mc

Encl.

cc: Sylva Explorations Ltd
350 Georgina Street
Matachewan, Ontario
P0K 1M0

cc: Resident Geologist
Kirkland Lake, Ontario

cc: Barry B. Ames
General Delivery
Matachewan, Ontario

cc: Bruce F. Ames
Box 153
Matachewan, Ontario

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.3212

Date 1983 08 26

Mining Recorder's Report of Work No.

Recorded Holder
BARRY AMES

Township or Area
POWELL

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 60 days	L 495953
Magnetometer ____ days	
Radiometric ____ days	
Induced polarization ____ days	
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☒ Insufficient technical data filed

No credits for the magnetometer survey, as we have not received the required data as per our letter of February 15, 1983.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19) — 60:

828 (83/6)

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.3212

Date 1983 08 26

Mining Recorder's Report of Work No.

Recorded Holder
BRUCE AMES

Township or Area
POWELL

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 60 days	L 495963
Magnetometer ____ days	
Radiometric ____ days	
Induced polarization ____ days	
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☒ Insufficient technical data filed

No credits for the magnetometer survey, as we have not received the required data as per our letter of February 15, 1983.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19) — 60.

828 (83/6)

Ministry of Natural Resources
Ontario

Sept 15, '83

Your file:

1983 08 26

Our file: 2.3212

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

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. F.W. Matthews at 416/965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

D. Kinvig:sc

Encls:

cc: Sylva Explorations Ltd
Matachewan, Ontario

cc: Barry B. Ames
General Delivery
Matachewan, Ontario

cc: Bruce F. Ames
P.O. Box 153
Matachewan, Ontario

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
845 Toronto, Ontario

Ministry of
Natural
Resources

Ontario

Notice of Intent

for Technical Reports

1983 08 26

2.3212

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Lands Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

Ontario

Ministry of Natural Resources

Notification of recording of assessment work credits

Recording Office
4 Gov't Road East
Kirkland Lake, Ontario
P2N 1A2

RECEIVED
JAN 11 1980
MINING LANDS SECTION

Lands Administration Branch
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queen's Park, Toronto
M7A 1W3

Date of recording of work: December 27, 1979

Recorded holder: Barry B. Ames

Address: General Delivery, Matachewan, Ontario

Township or Area: Powell township

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	
Electromagnetic 20 ~~40 (VLF)~~ days	L 495953
Magnetometer 20 days	
Radiometric ____ days	
Induced polarization ____ days	
Section 86 (18) ____ days	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☐	

See serviced work statement.

Notice to recorded holder: Feb. 15

[X] Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.

[ ] Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder

c.c. Barry B. Ames

c.c. Robert Sheedy

Ontario

RECEIVED

JAN 1 1 1980

MINING LANDS SECTION

Ministry of Natural Resources

Notification of recording of assessment work credits

Recording Office
4 Gov't Road East
Kirkland Lake, Ontario
P2N 1A2

Lands Administration Branch
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queen's Park, Toronto
M7A 1W3

Date of recording of work: December 27, 1979

Recorded holder: Bruce F. Ames
Box 153
Address: Matachewan, Ontario

Township or Area: Powell township

Type of survey and number of Assessment days credit per claim		Mining claims
Geophysical	40 VLF	L 495963
Electromagnetic	20 days	
Magnetometer	20 days	
Radiometric	days	
Induced polarization	days	
Section 86 (18)	days	
Geological	days	
Geochemical	days	
Man days ☐	Airborne ☐	
Special provision ☐	Ground ☐	

See serviced work statement

Notice to recorded holder:

Feb. 15

[x] Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.

[ ] Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder

c.c. Bruce F. Ames

c.c. Mr. Robert Sheedy
Box 135
Matachewan, Ontario

792 (6/77)

LA. 065

February 15, 1983 2.3212

Sylva Explorations Ltd.
350 Georgina Street
Matachewan, Ontario
POK 1MO

Attention: Mr. Robert Sheedy

Dear Sir:

Re: Geophysical (Electromagnetic and Magnetometer) Survey
submitted on Mining Claims L 495953 et al in the
Township of Powell

Enclosed is a copy of our letter dated June 8, 1981, requesting additional information for the above mentioned survey.

Unless you can provide the required data by February 25, 1983, the mining recorder will be directed to cancel the work credits recorded on December 27, 1989.

For further information, please contact Mr. F.W. Matthews at 416/965-1280.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

D.Wice

Encl.

cc: Mining Recorder
Larder Lake

cc: Barry B. Ames
Matachewan, Ontario

cc: Bruce Ames
Matachewan, Ontario

June 8, 1981 2.3212

Sylva Explorations Limited
250 Georgina Street
Matachewan, Ontario
P0K 1M0
Attention: Robert Sheedy

Dear Sir:

Re: Geophysical (Electromagnetic and Magnetometer) Survey on mining claims L. 495953 et al, in the Township of Powell.

On October 28, 1980 the plans for the above-mentioned survey were returned to you for certain corrections.

By your letter received January 27, 1981, you returned the three original plans and one electromagnetic duplicate. We are still awaiting the other duplicate electromagnetic and magnetometer plans.

Your earliest attention to this matter would be appreciated in order to finalize this file.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

SH/bk

cc: Mining Recorder
Kirkland Lake, Ontario

SYLVA EXPLORATIONS LIMITED
350 Georgina Street
Matachewan, Ontario P0K 1M0
1-705-565-2477

Assessment office,
MNR. Toronto.

File # 2:3212

Dear Sir;

Enclosed are revised VLF & HEM plans.

The magnetometer survey is being upgraded and will be forwarded when photocopying is available.

Yours truly,

Robert Sweezy

per - B. Ames.

per. Sylva Ex.

3 orig
1 dupl } came in Jan 27/81
-> waiting for 2 dupl

Ministry of Natural Resources
Ontario

Your file:

Our file: 2.3212

1980 10 28

Mr. Barry B. Ames
General Delivery
Matachewan, Ontario
P0K 1M0

Dear Sir:

Re: Geophysical (Electromagnetic and Magnetometer) Surveys on Mining Claims L. 495953 et al. in Powell Township, File 2.3212

Enclosed are 3 plans (in duplicate) for the above-captioned survey. Please show on the electromagnetic maps, a legend and scale of dip angle. Furthermore the contouring on the magnetometer plans must be redone.

More care should be taken when contouring values - the quality of the contouring on the enclosed maps does not represent the data properly and clearly.

Your earliest attention to these additions would be appreciated in order to finalize this file.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

AH:ie

cc: Mr. Bruce Ames
Matachewan, Ontario

Mr. Robert Sheedy
Matachewan, Ontario

Dear Sir:
We have taken note of this matter and will attend to it as soon as present field pressures wind down. We are in total agreement with you but are currently standing on our heads under the work load.

R. Sheedy

2.3212

December 19, 1980

REGISTERED

Mr. Barry B. Ames
General Delivery
Matachewan, Ontario
P0K 1M0

Dear Sir:

Please reply to my letter of 1980 10 28, a copy of which is enclosed.

If the data is not provided by January 2, 1981, the mining recorder will be authorized to delete the assessment credits from the claims.

Yours very truly,

E.F. Anderson
Director
Land Manggement Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3

FWM:wg

Encls.

c.c. Mr. Bruce Ames
Matachewan, Ontario

Mr. Rovert Sheedy
Matachewan, Ontario

2.3212

1980 10 28

Mr. Barry B. Ames
General Delivery
Matachewan, Ontario
P0K 1M0

Dear Sir:

Re: Geophysical (Electromagnetic and Magnetometer) Surveys on Mining Claims L. 495953 et al. in Powell Township, File 2.3212

Enclosed are 3 plans (in duplicate) for the above-captioned survey. Please show on the electromagnetic maps, a legend and scale of dip angle. Furthermore the contouring on the magnetometer plans must be redone.

More care should be taken when contouring values - the quality of the contouring on the enclosed maps does not represent the data properly and clearly.

Your earliest attention to these additions would be appreciated in order to finalize this file.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

AH:ie

cc: Mr. Bruce Ames
Matachewan, Ontario

Mr. Robert Sheedy
Matachewan, Ontario

Mr. Parlow

please provide an explanation for reading the contour lines so that we may explain it to the author of the report.

more care should be taken when contouring values - this quality of the contouring is not representative of the data properly and clearly

FILE: 2.3212

GEOLOGICAL BRANCH

☑ Mr. R. Barlow — Date of Approval August 20 1980

Signature Roger Barlow

Comments:

① VLF Plan needs legend & scale of dip angle

② Mag contouring should be redone

☐ Mr. S. V. Burr — Date of Approval _____ 19

Signature _____

Comments:

☐ Dr. I. Thomson — Date of Approval _____ 19

Signature: _____

Comments:

L. D.

RETURN TO - MR. F. W. MATTHEWS, MINING LANDS SECTION - WHITNEY BLOCK, ROOM 6450

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File

Recorded Holder

Township or Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) _____ days	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☑	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 86 (15a) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 86(18)-60:

828

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.3210

Recorded Holder

Township or Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) _____ days	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☑	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 86 (15a) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 86(18)-60:

828

1980-02-06 2.3212

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

Dear Sir:

We have received reports and maps for Geophysical (Electromagnetic and Magnetometer) surveys submitted under Special Provisions (credits for Performance and Coverage), on mining claims L. 495953 et al, in Powell Township.

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

Yours truly,

E. F. Anderson
Director
Land Management Branch

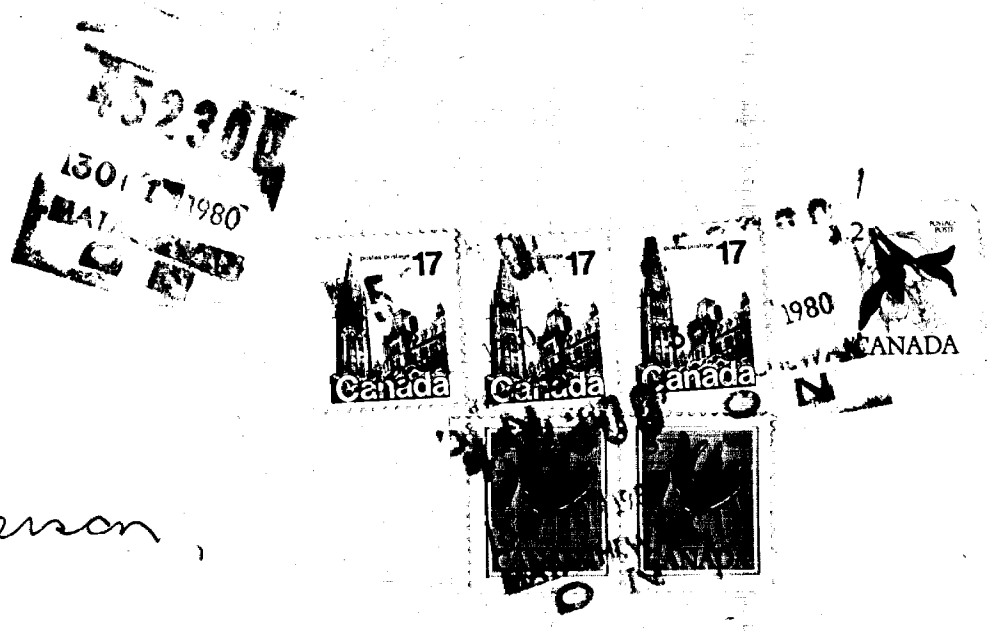
Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

/cba

cc: Mr. Barry B. Ames
Matachewan, Ontario

cc: Mr. Bruce F. Ames
Matachewan, Ontario

cc: Mr. Robert Sheedy
Matachewan, Ontario



Mr. E. F. Anderson,
Director,
Land Management Branch,
Whitney Block, Room 6450
Queen's Park
Toronto, Ont.

M7A 1W3

2.3212

	V.L.F. E.M.	Max-Min	
L.- 495953	V	V	
~~54~~	~~V~~	~~V~~	
~~55~~	~~3/4~~	~~3/4~~	
495963	V	V	
~~64~~	~~V~~	~~V~~	
~~65~~	~~3/4~~	~~1/2~~	

Reports of a work that cover only two claims

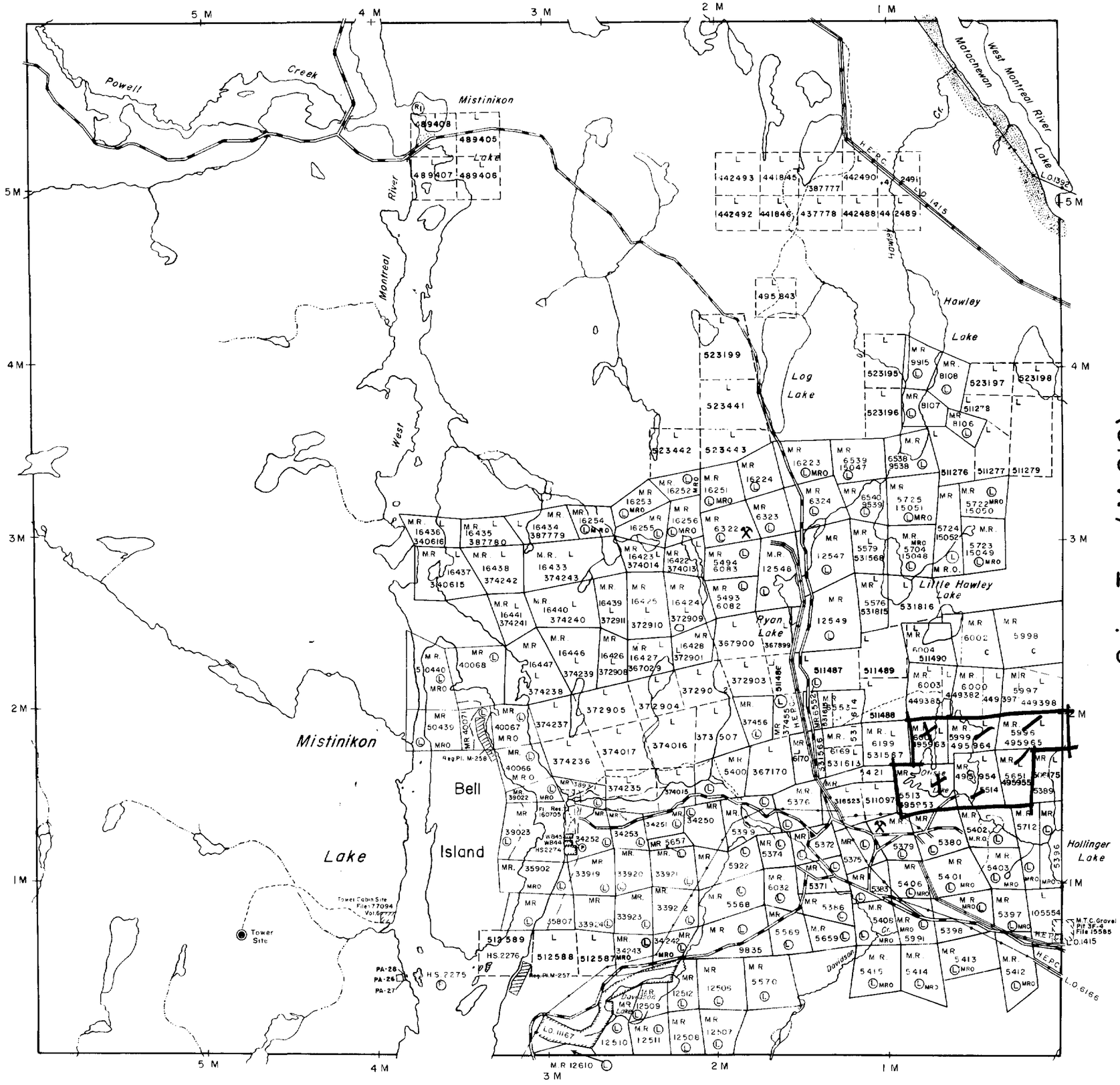
D.K.

Baden Twp. (M.205)

Bannockburn Twp.(M.207)

Cairo Twp. (M. 210)

Yarrow Twp.(M.260)



THE TOWNSHIP
OF
Order 2.3212

POWELL

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
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	C.

NOTES

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

Township closed to staking subject to Sec. 38 F of Mining Act.

L.O. 7601 Covers Flooding Rights In This Twp To Below Contour 870'.00 To H.E.P.C. File: 12290 Vol. 2.

L.O. 11167 Shown thus: ---- File: 90970.

Areas withdrawn from staking under Section 43 of the Mining Act. (R.S.O. 1970).

Order No. File	Date	Disposition
(R) W.43/76 188552	14/7/76	S.R.O.

DATE OF ISSUE
FEB - 5 1980
SURVEYS AND MAPPING
BRANCH

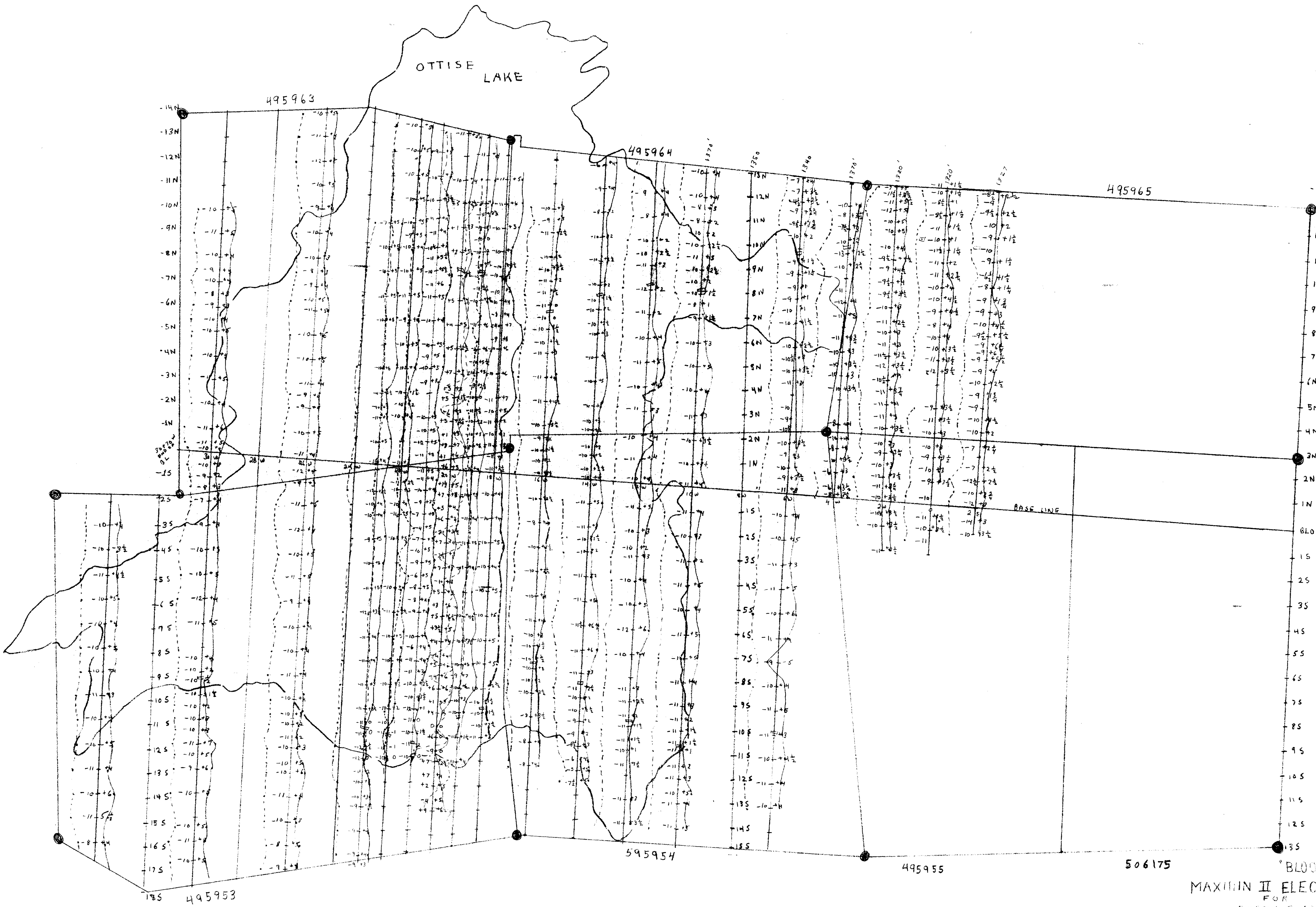
PLAN NO. M.241

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

41P15NE8283 2.3212 POWELL

200

FOOTAGE 46332
STATION: 544
713



"BLOOM GROUP"

MAXMIN II ELECTROMAGNETIC SURVEY

FOR

BARRY B AMES

BY

SYLVA EXPLORATIONS LIMITED

HZ 3555

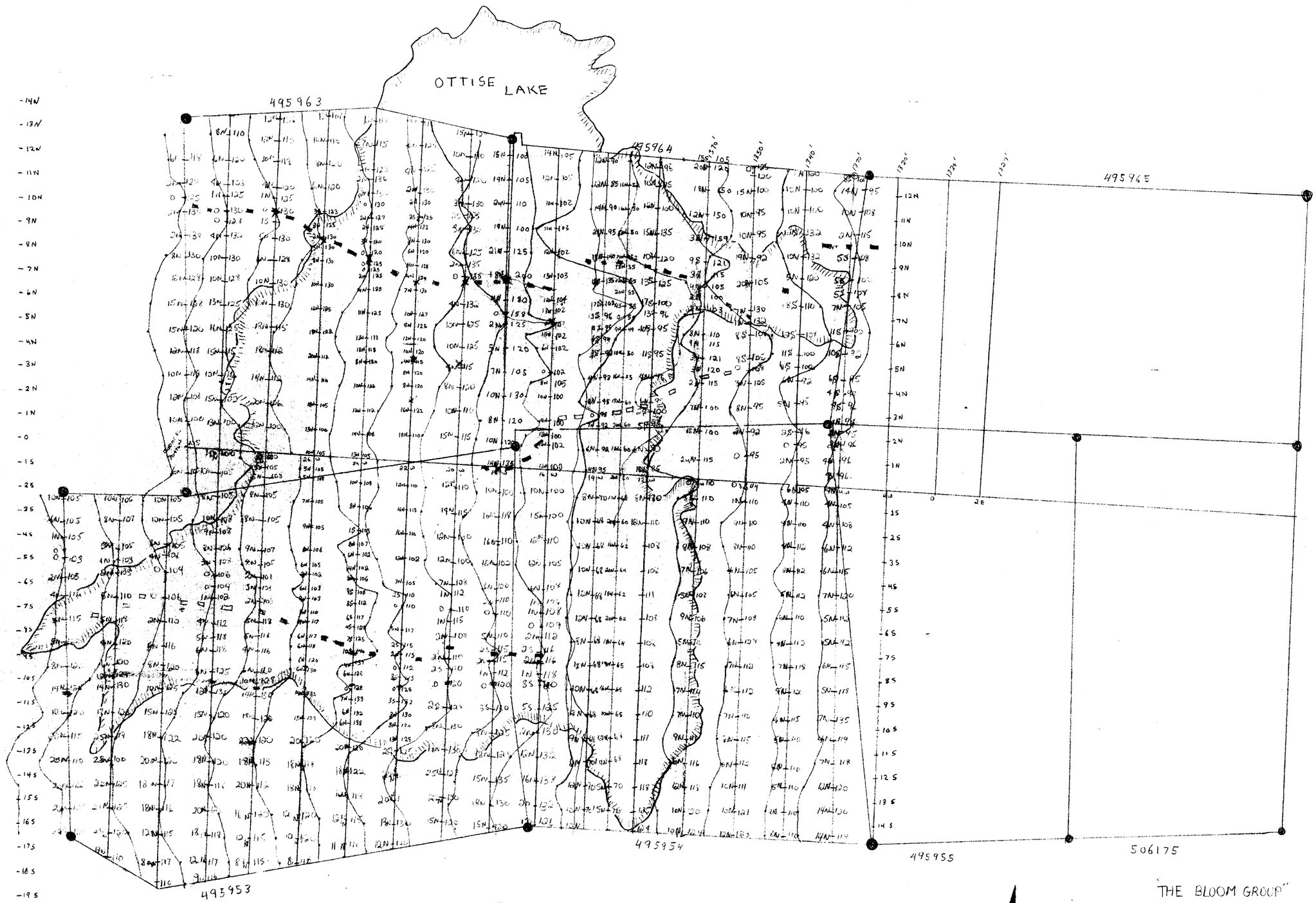
200' = 1 INCH

TRUE NORTH

Certified
Roland Sheguy

SYLVA EXPLORATIONS
350 Georgina Street
Matachewan, Ontario P0K 1M0
1-705-565-2477

2.3212
3 of 3



Certified
Robert Sheedy

SYLVA EXPLORATIONS LIMITED
350 Georgina Street
Matachewan, Ontario P0K 1M0
1-705-565-2477

200' = 1 INCH

TRUE NORTH

"THE BLOOM GROUP"
ELECTROMAGNETIC SURVEY (VLF)
FOR
BARRY AMES
BY
SYLVA EXPLORATIONS LIMITED