2.17543

#### **GROUND GEOPHYSICAL SURVEYS**

Net Lake Property Strathy and Cassels Townships CURION VENTURES CORP. April 1997





31M04NE0061 2.17543 CASSELS

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Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario P0H 2H0 Tel. (705) 569-2904 Fax. (705) 569-2817

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#### **<u>1.0</u> INTRODUCTION:**

From March 10 to April 15 1997, a program of linecutting and geophysical surveying was carried out on the Net Lake Property that straddles the township boundary of Strathy and Cassels Townships. The claims are held by Curion Ventures Corp., Suite 507, 595 Howe St. Vancouver, B.C. V2C 2T5 (604) 681-2161. The work was executed and reported on by David Laronde and Robert Sanderson of Meegwich Consultants Inc., P.O. Box 482, Temagami, Ontario POH 2HO.

Linecutting: North Grid - 44.0 km South Grid - 24.0 km West Grid - 1.5 km

The grids were covered with a magnetometer and a Maxmin I survey.

#### **2.0 PROPERTY:**

The 60 unit (960 hectare) property consists of a group of 10 mining claims situated on the common boundary of Strathy and Cassels Twp. in the Sudbury Mining District. The claims are listed below by township:

Strathy Township	1198672	7 units	1223388	2 units
	1198674	2	1223389	15
	1223387	1	1223394	5
Cassels Township	1223390	1 units	1223391	2 units
	1223392	8	1223393	16

**Topography:** The terrain on the property is generally rugged. High rounded outcrops are not uncommon. Inclines from topographic lows to highs were severe in cases. The land is well drained with numerous lineaments channelling water flow. Low lying areas where beaver ponds are prevalent are confined to the south-east sector of the North Grid. Timber on the property consists mainly of birch, poplar and jackpine on the highground and cedar and spruce in the low lying areas.

#### 3.0 LOCATION AND ACCESS:

The Net Lake Property is located on and around Net Lake, 7 km north of the town of Temagami, Ontario which is 100 km due north of the city of North Bay along Hwy 11. The property can be accessed from Temagami North (suburb of Temagami) which is on the shores of Net Lake also. Rail access borders all three grids as well. Easy access to most parts of the property can be had by boat in summer and snow mobile in winter.

#### 4.0 MAGNETOMETER SURVEY:

Grid coverage:	North Grid	42.35 km	6776 readings
	South Grid	22.52 km	3603 readings
	West Grid	1.5 km	120 readings

**4.1 Instrumentation:** A Gem Systems GSM-19 overhauser "walking" magnetometer Serial no. 58479 was used for the survey. This unit has an accuracy of  $+/- 1/100^{th}$  of a gamma. A Scintrex EDA Omni IV base station proton magnetometer was used to monitor and correct for the diurnal variation during the course of the survey.

**4.2** Survey Results: The results are presented in contour form on plans at 1:5000 scale. For purposes of discussion, each grid will be discussed individually. Readings are plotted at 6.25 meters stations.

#### North Grid

The main magnetic feature that stands out is a 150 meter wide Sudbury type olivine diabase dike which cuts the north-east corner of the grid at about 110 degrees. Values are 2000 above the background of 57,450 gammas. Another similar feature, but not as distinctive is a narrow (25 meters wide), linear high cutting the west side of the grid at about 135 degrees. This is probably a dike of the same origin but occupied a more confined subparallel lineament upon intruding the local felsic and metavolcanic rock.

The remainder of the grid can be described as a fairly uniform with values in the 57300 to 57400 range spotted with isolated highs and lows. Some trend may be put to these features especially in the central section of the grid. Here a north and a north-east trend is apparent.

#### South Grid

The south grid magnetometer survey yielded a 330 gamma range (57144 to 57474) for the most part. The only exception to this is a circular high situated at the property boundary in the north-west corner. The high is partially covered but appears circular in shape and intensity (2000 gammas) consistent with kimberlite responses 50 km further north in Bucke Twp.

Two low trends are located in the south-west corner of the grid. They are linear and have strike lengths of 600 meters. Other lows do not appear to have a pattern.

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The north-east sector of the grid appears irregular with no clear trending patterns however in general terms, the area is a high.

The central portion of the grid contains a subtle high that is massive and subcircular. The southern boundary of the grid is high with the most intense readings on L 300 and 400 W.

#### West Grid

The west grid contains an "arc" of high values ranging 900 gammas (57300 to 58200). The width of the response is 40-65 meters. The readings on L 100 S are suspicious due to the power line running close to the picket line, particularly at the west end where there happens to be a high.

#### 5.0 HLEM Survey:

Grid coverage:	North grid	33.65 km	1350 readings
	South grid	19.27 km	770 readings

5.1 Instrumentation: An Apex Maxmin I unit was used for the horizontal loop EM survey. Three frequencies were read, 440, 1760, and 14,080 Hz. using a 150 meter coil separation. In-phase and quadrature components of the secondary field were recorded. Readings were take at 25 meter intervals.

**5.2** Survey Results: The results of the survey are presented in profile form on plans at 1:5000 scale. Rugged topography made it necessary to compute corrections for coil angle and separation. The slope was recorded in % grade and applied mathematically by computer to each reading. During the survey the receiver and transmitter coils were held level. Conductor axis are indicated on the plans.

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#### North Grid

The survey picked up several conductors and conductor trends that are typically weak. The long linear conductor trends are consistent with topographic lows (faults, shears) while short conductors at varying angles pose a more complicated explanation and be a metallic source. This is not to say the topo lows are uninteresting, they still need follow-up in places. The anomalies are discussed as follows:

**Conductor A:** Moderately strong, under water. This is a wide conductor that may be attributed to lake bottom sediments however needs to be tested for mineralization. Low priority.

**Conductor B:** A very weak response that is strongest on L 300 N on the 14,080 Hz frequency. Follows topo low and has an extension B-1 on trend. Low priority.

Conductor C:A weak response similar to B.Strongest on L 100 Nand in Camp Lake.C-1 is the extension in the lake.Low priority.

Conductor D and E: Moderately strong. Relatively short strike length 300 meters before continuing off the grid. Not well defined but a very interesting anomaly. These anomalies do not conform to the trend of lineaments and may have a metallic source. High priority.

**Conductor F and G:** Weak responses with short strike lengths. Medium priority. Possible multiple conductors. Possible shear zone.

**Conductor H:** Very weak conductor. Possible extension of E. Medium priority. Conforms to north-east lineament strike.

Conductor I: Not defined very well. Low priority.

#### South Grid

The HLEM survey picked up several weak conductors that trend at ESE with the exception of one (Conductor E). The conductors are weak to the point that the inphase response is only 1% on the 1760 Hz. frequency. Nevertheless the conductors are defined through the quadrature component. Discussion of the individual conductors is as follows:

**Conductor A,B,C,D,F:** These conductors are in the lake and more or less trend consistent with the lineaments and faulting that were probably interpreted from government airborne surveys. These conductors are **very weak** and show up well only on the high frequencies. On 440 hz. the quadrature response is only 2-5%. The pattern of conductors is not totally linear but "offset" which suggests the faults through here are jointed or faulted in a northerly direction. A good example of this is the eastern end of Conductor B and the start of Conductor C which is higher but then continues along eastward in the same direction.

**Conductor E:** This conductor is partially covered. More lines could be added to the west side to follow it more. This anomaly is quite different than the others. It is moderately strong, responding well on the low frequencies. Needs follow-up to define the attitude and western extension. The eastern extension would be on a neighbouring property.

#### 6.0 CONCLUSIONS AND RECOMMENDATIONS:

#### North Grid:

There was not much contrast in the magnetics over the varying geology. A government mapped (Born et al. 1986) metamorphosed ultramafic intrusive is not

apparent in the magnetometer survey as one would expect. This may be due to the magnetic mineral content of the rock unit being metamorphosed to a nonmagnetic form.

A younger mafic intrusive rock type (diabase) may be the cause of the highs and lows at the north end of the small lake in the centre of the grid.

Of the conductors on this grid, E,F,G,H would be in the metamorphosed ultramafic rock. These conductors do not conform to the north-east lineament trend and are interesting enough to require follow-up.

Conductor D is co-incident with a mapped mafic intrusive dike. However, follow up should cover this anomaly. Conductors A and B should also be followed up with one line of I.P.

#### Recommended follow-up work:

Geological Mapping: The grid has good outcrop exposure. General mapping and field investigation in areas of interest are warranted.

Induced polarisation: Limited I.P. (10.8 km) should be done to further test conductors outlined. Coverage recommended:

L 300 N	1200 W to 200 W
L 100 N	1300 W to 500 W
L 100 N	0 to 1500 E
L 0	0 to 1500 E
L 200 S	400 E to 1500 E
L 500 S	600 W to 1600 E
L 700 S	500 W to 1100 E
L 400 S	800 W to 400 E

#### South Grid:

The magnetometer survey outlined a few interesting zones that in conjunction with the HLEM warrant follow-up work. Seeing as how the grid is 75% on Net Lake, a geophysical approach is the only alternative other than drilling. A circular mag high is the north-west corner of the grid is interesting. It is consistent with circular mag highs which are kimberlite pipes in Bucke Twp 50 km to the north. Also there is a moderately strong conductor E co-incident. The centre of this anomaly is right on the property boundary however there is still room to cover it to the west. This anomaly should be extended with magnetics and I.P.

Other fault zones with conductors should have a few test lines of I.P. run over them.

#### Recommended follow-up work:

Grid Extension and detail: Extend grid in north-west corner to property boundaries. Cover with magnetometer.

Induced Polarisation: Limited I.P. coverage (5.425 km) to test fault zones for disseminated mineralization and delineate drill target on Conductor E.

L 2100 W	900 N to 350 N	
L 2200 W	800 N to 350 N	
L 2250 W	900 N to 350 N	(new line)
L 2300 W	900 N to 425 N	(new line)
L 1800 W	400 S to 400 N	
L 1500 W	600 S to 400 N	
L 900 W	600 S to 300 N	
L 600 W	400 S to 300 N.	

#### West Grid:

Further work is recommended on this grid. Magnetic high arcing across grid is interesting as is gossan zone viewed in the field at L 100 N and the pipeline. Prospecting, VLF-EM survey and sampling is recommended as a next step.

Respectfully submitted,

David Laronde Geology Engineering Technologist

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#### **References**

Geological Map - Ontario Geological Survey 1974 Geological Series Compilation Map 2361 Sudbury-Cobalt

Geological Map - Ontario Geological Survey 1989 Map 2526 Cassels and Riddell Townships

Born, P 1989 - Geologic Report 271 - Ontario Geological Survey Precambrian Geology, Cassels and Riddell Twp 73p.

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#### **CERTIFICATE OF AUTHOR**

I, David Laronde of the town of Temagami, Ontario hereby certify:

- 1. That I am a consulting technologist and have been engaged in my profession for the past 16 years.
- That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979.
- 3. That my knowledge of the property described herein was acquired by field work and documentation.

Dated at Temagami this 18th day of May 1997.

Manna

David Laronde Qual # 2.8343

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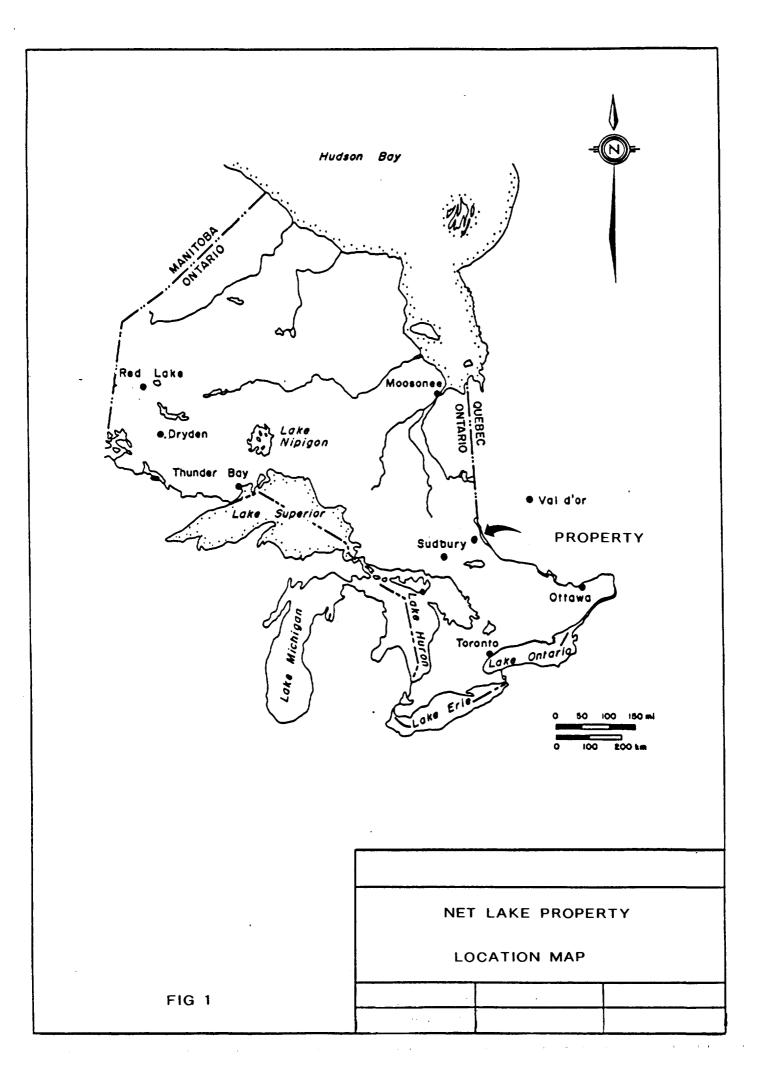
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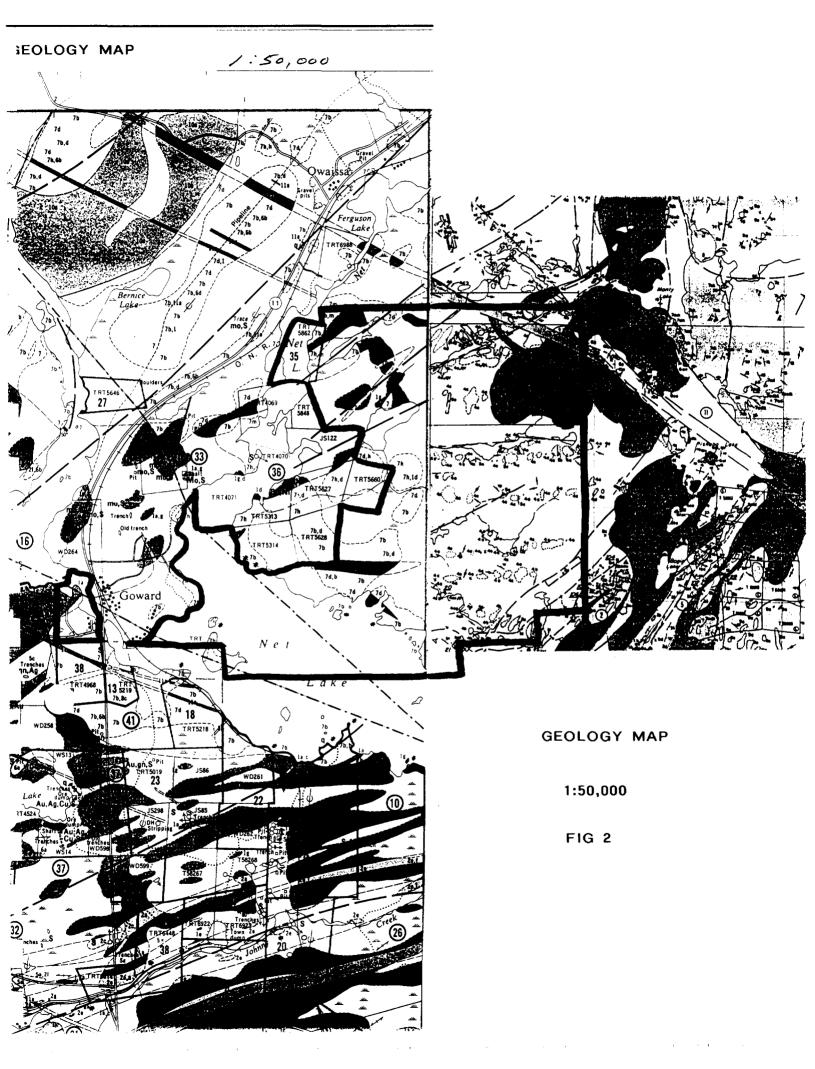
Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario P0H 2H0 Tel. (705) 569-2904 Fax. (705) 569-2817

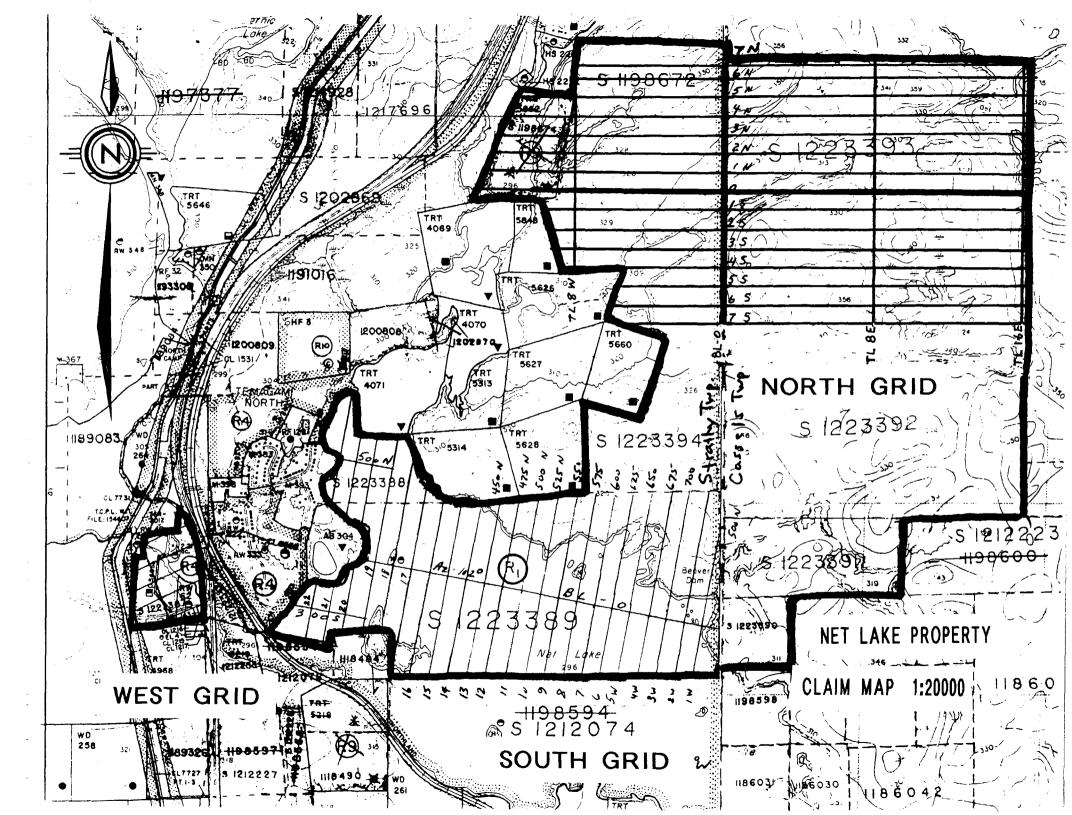
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## INSTRUMENT SPECIFICATIONS

#### MAGNETOMETER / GRADIOMETER

Resolution:	0.01 nT (gamma), magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Range:	20,000 to 120,000 nT.
Gradient Tolerance:	Over 10,000 nT/m
Operating interval:	3 seconds minimum, faster optional. Readings initiated from keyboard,
	external trigger, or carriage return via RS-232-C.
Input/Output:	6 pin weatherproof connector, RS-232C, and (optional) analog output.
Power Requirements:	12 V, 200 mA peak (during polarization), 30 mA standby. 300mA peak
	in gradiometer mode.
Power Source:	Internal 12 V, 2.6 Ah sealed lead-acid battery standard, others op-
	tional. An External 12V power source can also be used.
Battery Charger:	Input: 110 VAC, 60 Hz. Optional 110/220 VAC, 50/60 Hz.
	Output: dual level charging.
Operating Ranges:	Temperature: -40 °C to +60 °C.
,	Battery Voltage: 10.0 V minimum to 15V maximum.
	Humidity: up to 90% relative, non condensing.
Storage Temperature:	-50°C to +65°C
Display:	LCD: 240 x 64 pixels, or 8 x 30 characters. Built in heater for opera-
	tion below -20°C
Dimensions:	<b>Console:</b> 223 x 69 x 240mm.
	Sensor staff: 4 x 450mm sections.
	Sensor: 170 x 71mm dia.
	Weight: Console 2.1kg, Staff 0.9kg, Sensors 1.1kg each.

### VLF

Frequency Range:	15 - 30.0 kHz.
Parameters Measured:	Vertical In-phase and Out-of-phase components as percentage of total field.
	2 components of horizontal field.
	Absolute amplitude of total field.
Resolution:	0.1%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with: time, coordinates, magnetic field/gradient, slope, EM
0	field, frequency, in- and out-of-phase vertical, and both horizontal
	components for each selected station.
Terrain Slope Range:	0° - 90° (entered manually).
Sensor Dimensions:	14 x 15 x 9 cm. (5.5 x 6 x 3 inches).
Sensor Weight:	1.0 kg (2.2 lb).

GEM Systems Inc.



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PARAMETRICS

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#### APEX MAXMIN II PORTABLE EM SYSTEM

Revised specifications, effective on orders placed after March 1, 1976:

460, 1760, 14,080 mm I

200 STEELCASE RD. E., MARKHAM, ONT, CANADA LOR 162

222, 444, 888, 1777 and 3555Hz Mm II

MODES OF OPERATION:

OPERATING FREQUENCIES:

COIL SEPARATIONS: (modes a and b)

PARAMETERS MEASURED:

READOUTS:

SCALE RANGES:

1

a) Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal Loop mode). Used with reference cable.

- b) Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.
- c) Transmitter coil plane vertical and receiver coil plane horizontal, tilted for null in the receiver output. (Vertical loop node). Used without reference cable, in parallel lines.

25, 50, 100, 150, 200 and 250m (IM II) or 100, 200, 300, 400, 600 and 800 ft. (MM II F) or 40, 80, 120, 160, 200 and 240m (M4 II M) Coil separations in mode c) not restricted to fixed values.

- a) In-Phase and Quadrature components of the secondary field in modes a) and b).
- b) Tilt-angle of the total field in mode c)

a) Automatic, direct readout on 90mm (3½") edgewise meters in modes a) and b). No nulling or compensation necessary.

b) Tilt-angle and null on 90mm (3<sup>1</sup>/<sub>2</sub>") edgewise meters in mode c).

In-phase: + 20% normal, + 100% by switch
Quadrature: + 20% normal, + 100% by switch
Tilt: + 75% slope
Null: Null sensitivity adjustable by separation switch.

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C. Sugar ,416) 495-1612 Capies: APEXPARA TORONTO - 2 -

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.5Ah), less in cold weather.

200 STEELCASE RD. E., MARKUMM, ON CAMADA LOP 162

PARAMETRICS

 $+\frac{1}{2}$  to +1, normally, depending on conditions, READING REPEATABILITY: frequency and coil separation used.

TRANSMITTER DIPOLE MOMENT:

RECEIVER BATTERIES:

TRANSMITTER BATTERIES:

12V7.5Ah Gel-Cell rechargeable batteries (2 x 6V in series)

150  $Atm^2$  @ 222HZ, 150  $Atm^2$  @ 444Hz, 90Atm<sup>2</sup> @ 888Hz, 60Atm<sup>2</sup> @ 177Hz and 30Atm<sup>2</sup> @ 3555Hz

Life: approx. 35 hrs. continuous duty (alkaline;

9V transistor radio type, 4 batteries

REFERENCE CABLE:

Light weight, special teflon cable for minimum friction. Unshielded. All reference cables option at extra cost. Please specify.

VOICE LINK:

INDICATOR LIGHTS:

Built-in signal and reference warning lights to indicate erroneous readings.

between receiver and transmitter operators.

Built-in intercom system for voice communication

 $-40^{\circ}$ C to +  $60^{\circ}$ C ( $-40^{\circ}$ F to +  $140^{\circ}$ F) OPERATING TEMPERATURE:

WEIGHT OF RECEIVER UNIT: 6kg (13 lbs.)

WEIGHT OF TRANSMITTER UNIT: 13.5 kg (30 lbs)

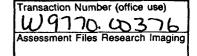
TOTAL SHIPPING WEIGHT:

Typically 65 kg (143 lbs.), depending on quantities of reference cable and batteries included. Shipped in two shipping/field cases.



Ministry of Northern Development and Mines

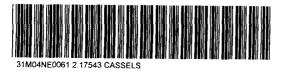
#### **Declaration of Assessment Work Performed on Mining Land**



Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

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Personal informa Mining Act, the ir Questions about 933 Ramsey Lał



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/ of Northern		ent and	Mines,	6th Floor,
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Instructions: - For work performed on Crown Lands before recording a	a claim, use form 0240.
- Please type or print in ink. Wet Lake	Project" Temagani
1. Recorded holder(s) (Attach a list if necessary)	Lic K 21713
Name	Client Number
Gino (hitaroni	117874
Address D D D O	Telephone Number
Portage Bay Rd. P.O. Box 271	(705)679-5946 or 647-9749
Cohalt. Ostario POJICO	Fax Number Bus: (705) 679-5519
Name VII - (NCW OWNER	Client Number
Curion Ventures Corp. CNot vetraisfered	
Address 00	Telephone Number
507-595 Home St. Vancouver, BC	604 681-6466
······································	Fax Number
V2C 2T5	(604) 681-216)

#### 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, trenching and as	stripping, Rehabilitation
Work Type Magnetometer & Max-Min I geophysical survey + Line-	HLEM ground cutting /Grid	Office Use Commodity Base-Metals Culb Z Nit Co. 601 Total \$ Value of # Work Claimed # 36, 255, 38
Dates Work Performed From O (Day   03   Year 97 To	20 05 97 Day Month Year	NTS Reference
Global Positioning System Data (if available) [Township/Ar	ea y + Cassels Twps Number	Mining Division Gudbury Resident Geologist
6-34	51 + 6-3415	District SuDBorry
Stra Please remember to: - obtain a work permit from - provide proper notice to - complete and attach a S	atky Cassels m the Ministry of Natural F surface rights holders before tatement of Costs, form 00	ore starting work;

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	Telephone Number
Meegwich Inc.	(705) 569-2904
	Fax Number
P.O. Box 482, Temayan, Ontario POH 240	(705)569-2817
Name	Telephone Number
Norm McBride Staking & Line-Cutting	(819) 723 - 2424
Address ()	Fax Number
1.0. Box 112, Notre-Dame Du Nord, Que.	(819) 723-2860
Name OIII TOZ 380	Telephone Number
- Blackslone Vev. Inc.	(705) 679-5500
	Fax Number
50 S. Iver St. P.O. Bux 699, Cobalt, Ont.,	(705)679-5519
	<u> </u>
POJ1CU	

Certification by Recorded Holder or Agent 4.

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• <u>10</u> aron h 1 \_, do hereby certify that I have personal knowledge of the facts set (Print Name) forth in this Deplaration 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	1000
IK Menning Gha Chitaron 1 loy 30	1997
Agent's Address Telephone Number Fax Number Bu	<u> </u>
Bus: 50 Silver St. PO. Box 699 (abalt Bus 1705)679-5500 (705) 170-	5579

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	I, at the time work was performed. A map showing the contiguous link
must accompany this form.	

work w nining column	<b>Claim Number.</b> Or if as done on other eligible land, show in this the location number ed 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	16 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
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	aim where the work w		no		Date A	
ignatur	e of Recorded Holder of Add				1-1	ay 30,199

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

Some of the credits claimed in this declaration may be cut back. Please check (  $\sim$  ) 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):

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			
Received Starr	PRECEIVED	Deemed Approved Date	Date Notification Sent
	JUN 031997	Date Approved	Total Value of Credit Approved
	А.М. 71819(10)11:12:112:211:5:5	Approved for Recording by Mining Re	corder (Signature)

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Ministry of Northern Development and Mines

#### **Statement of Costs** for Assessment Credit

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. 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, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work 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.	Cost Per Unit of work	Total Cost
Line-Cutting	Bush Grid: 49.97km CH/65/Km Luke Grid: 19.44 Km CH20/Ke		A 16,626.5
Mag Survey +	42.35 Km C #104 Km	# See	\$ 17,488.7
Max-Min Survey	33.65kn @ #165/km	Body of	di seconda
Management/ Cajed	March 1st - May 20/97	Report	# 2,140.0
Supervisión	10 du C 200/day	tor any	
		other details	
Associated Costs (e.g. supplies,	mobilization and demobilization).		
Mayor T	Retal		
/included in M	au & Marmin Fees)	· · · · · · · · · · · · · · · · · · ·	
	0		
Transpo	rtation Costs 🛛 💊	1751	
Food an	d Lodging Costs	· · · · · · · · · · · · · · · · · · ·	
	Total Value o	f Assessment Work <sup>[7]</sup>	21 255 25
	Assessme	f Assessment Work H at Climed =	31, 255.00
Calculations of Filing Discounts:			<i>J</i> ( <i>b</i> )
2. If work is filed after two years an	erformance is claimed at 100% of the nd up to five years after performance, is situation applies to your claims, us	, it can only be claimed	at 50% of the Total
TOTAL VALUE OF ASSESSME			ue of worked claimed
Note: - Work older than 5 years is not elig	gible for credit. d to verify expenditures claimed in th		ithin 45 days of a is not made, the

reasonably be determined and the costs were incurred while conducting assessment work, on the lands indicated on ed Reco Holder opn

the accompanying Declaration of Work form as \_\_\_\_\_\_\_\_(recorded hold

to make this certification.

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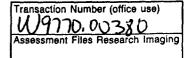
signing authority)

I am authorized



Ministry of Northern Development and Mines

#### Declaration of Assessment Work Performed on Mining Land



Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. 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, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 685.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.5 4 3 - Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)	Lic# K21713
Bino Chitaroni	Client Number 17874
Address Partano Bay Rd. P.O. Bax 271	Tejephone Number (785) 679-5500
Cobalt Ostario POJICO	Fax Number (705) 1079-5519
Name Curion Ventures Corporation	Client Number
Address 507-595 Howe St. Vancouver. BC.	Telechone Number (604) 681-6466
V2C 2T5	Fax Mumber 681-2161

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)	ng, stripping, Rehabilitation
Work Type	Office Use
Work Type Line-Cutting Gid + May Survey and Report	Commodity
and Keport	Total \$ Value of \$ 425
Dates Work Performed From 01 03 97 To 20 05 97 Day Month Year	NTS Reference
Global Positioning System Data (if available) Township/Area	Mining Division SUDBURY
M or G-Plan Number G - 3451	Resident Geologist District SUDBURY

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;

provide a map snowing contiguous
 include two copies of your technical report.

Person or companies who prepared the technical report (Attach a list if necessary) 3. Name ′ิ∂≦ 904 0 Name ົ0 ວ Addre 51 120 . \ Certification by Recorded Holder or Agent AUG  $V_{\lambda}$ 0n, do hereby certify that there personal knowledge of the facts set 1, (F 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. Recorded Holder Signature or Agent hitaron, Gins ( elephone Number ddress ax Nu St 679 500 70  $\mathcal{D}$ Sept. Ol mal 0241 (02/96)

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.

work w mining column	<b>Claim Number.</b> Or if as done on other eligible land, show in this the location number ed 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	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg	1234567	12	0	\$24,000	0	0
eg	1234568	2	\$ 8, 892	G \$ 4,000	0	\$4,892
1	51223387	1	# 425	R425	D	Ø
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4						· · ·
5						
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7				COIN	R	
8				2.17	043	
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10						
11			1997			
12						· · · · · · · · · · · · · · · · · · ·
13						
14						
15			1			
	(t+Gino	Column Totals	# 425	\$425	Ø	Ø
I,	(Print Full	,			above work credits	_
	ction 7 (1) of the Asse afm where the work wi		egulation 6/96 for a	assignment to cont	iguous claims or fo	or application to
Signatui	P of Recorded Holder of Age	nt Authorized in Writi	ng		Date	ky 30/997

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

Some of the credits claimed in this declaration may be cut back. Please check (  $\sim$  ) 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):

PO RECEIVED AUG O G cut back fr

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 SUDBURY		
Received Stamp	RECEIVED	Deemed Approved Date	Date Notification Sent
	JUN 031997	Date Approved	Total Value of Credit Approved



Ministry of Northern Development and Mines

# Statement of Costs for Assessment Credit

Personal information collected on this form is obtained u ider the authority of subsection 6(1) of the Assessment Work Regulation 6/96. 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, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

			P
Work Type	Units of Work Depending on the type of work, list the numb of hours/days worked, metres of drilling, kilo metres of grid line, number of samples, etc.		Total Cost
Ground Mag Survey	Net Lake Area	14125/unit	# 425.00
"west Grid"	1.5 Km 120 Rendin	95	
	C \$150 Km		
Like-Cutter	1.5km e#275/km		
U	/		
	Theluding map		
	9 report		
Associated Costs (e.g. supplies,	mobilization and demobilization)	•	
		<u>,</u>	
		13.	·
		- 65	
Transp	ortation Costs	- CO	· · · · · · · · · · · · · · · · · · ·
	nd Lodging Costs		
	Total Valu	e of Assessment Work	\$1425.00
	Canols of	<sup>2</sup> 9>	
Calculations of Filing Discounts:	SRAN		
2. If work is filed after two years a	performance is claimed at 100% of and up to five years after performar his situation applies to your claims	nce, it can only be claimed	at 50% of the Total
TOTAL VALUE OF ASSESSME	NT WORK × 0.50 =	- Total \$ val	ue of worked claimed.

- 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.

Certification verifying costs:

, do hereby certify, that the amounts shown are as accurate as may (1 OPONI ١. reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on B e d 91 the accompanying Declaration of Work form as C I am authorized (recorded hold state company position with signing authority) nt. or to make this certification. Date

Ministry of Northern Development and Mines

August 26, 1997

GINO PAUL CHITARONI P.O. BOX 271 PORTAGE BAY ROAD COBALT, Ontario P0J-1C0 Ministère du Développement du Nord et des Mines



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

Telephone: (888) 415-9846 Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17543

		Status
Subject: Transaction Number(s):	W9770.00376	Approval
	W9770.00380	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.

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 Bruce Gates by e-mail at gates\_b@torv05.ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

a the

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

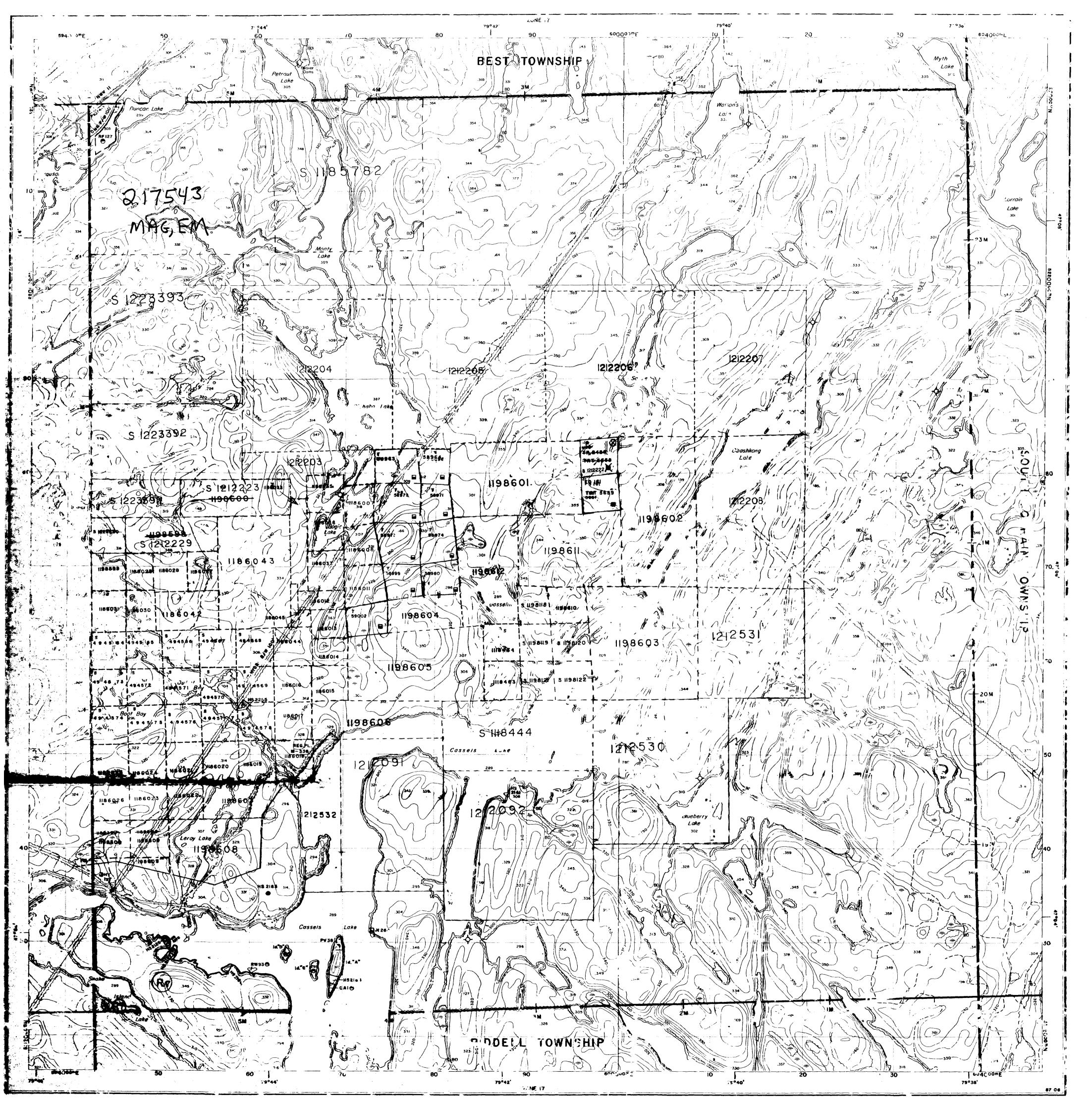
Correspondence ID: 11277 Copy for: Assessment Library

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## **Work Report Assessment Results**

Submission Num	nber: 2.17543			
Date Correspond	dence Sent: August	26, 1997	Assessor:Bruce	Gates
Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9770.00376	1223393	STRATHY, CASSELS	Approval	August 26, 1997
<b>Section:</b> 14 Geophysical M 14 Geophysical E				
Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9770.00380	1223387	STRATHY	Approval	August 26, 1997
<b>Section:</b> 14 Geophysical M	IAG			
Correspondence	• to:		Recorded Hold	ler(s) and/or Agent(s):
Resident Geologis	st		GINO PAUL C	
Sudbury, ON			COBALT, Ontar	rio
Assessment Files Sudbury, ON	Library			



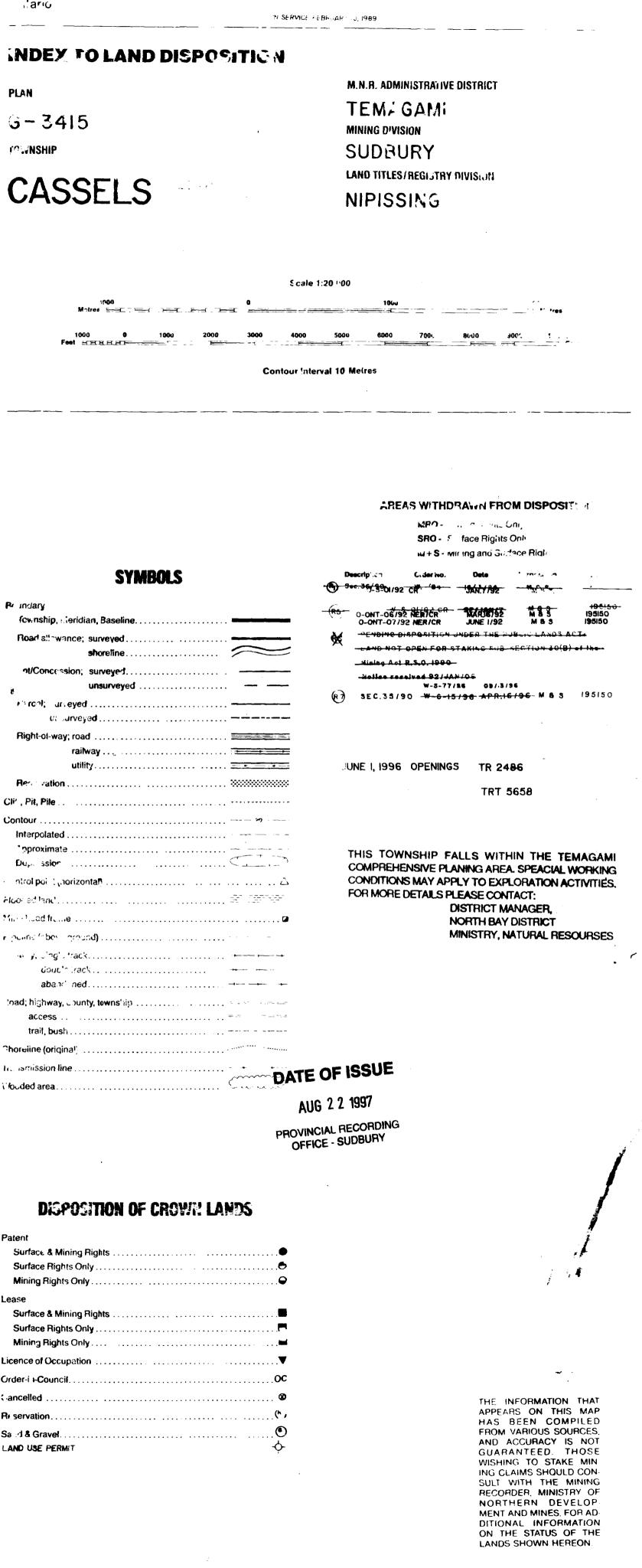
# 157 PERDURCES aric PLAN 6-3415 **IN WISHIP** CASSELS Feet HEEEEE

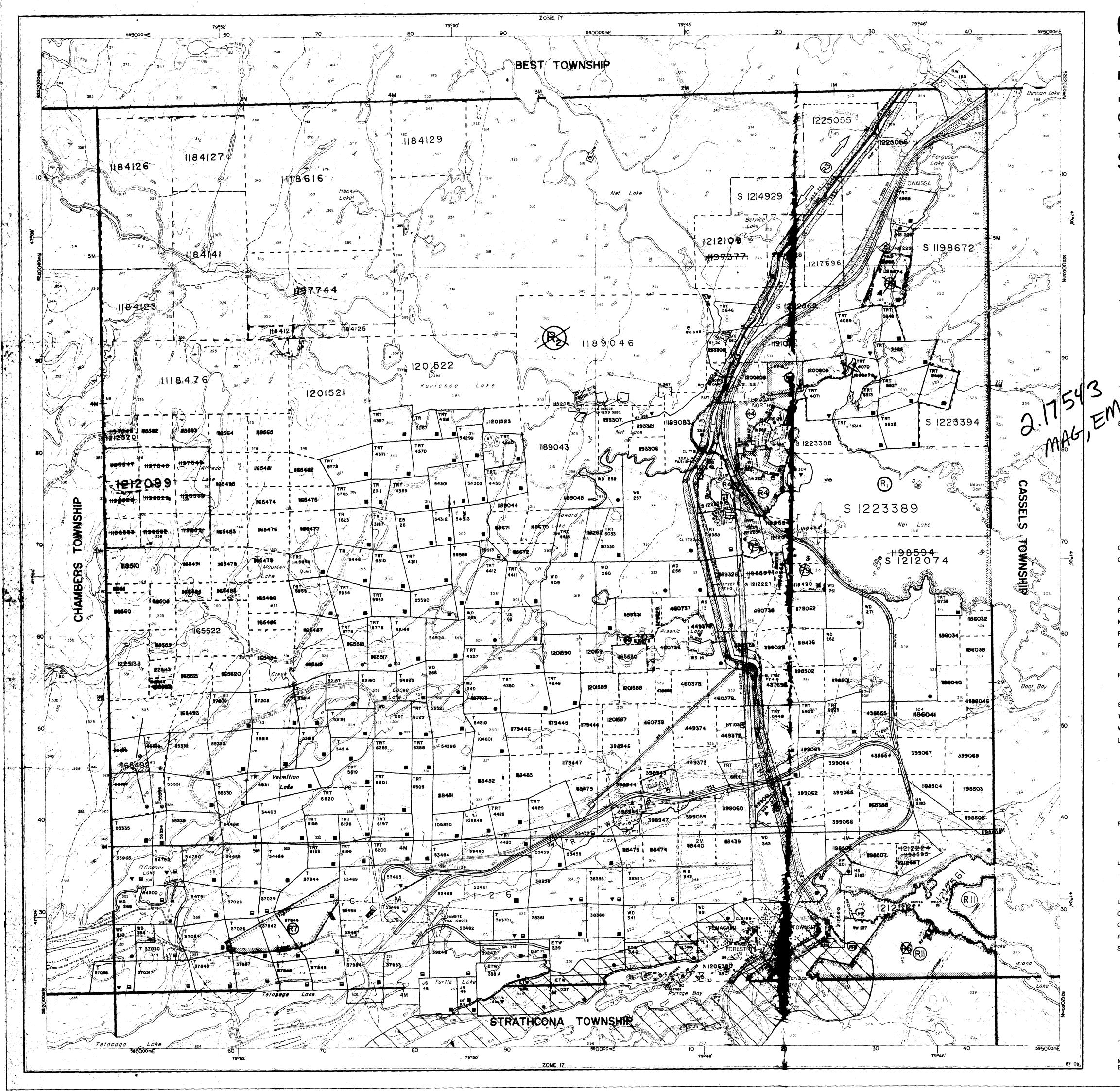
Pr Indary
fownship, Meridian, Baseline
Roart all hwance; surveyed shoreline
nt/Concession; surveyed
a unsurveyed
Forcet; unleyed
u: Jurveye <b>d</b>
Right-ol-way; road
railway
utility
Recovation
Clir', Pit, Pile
Contour
Interpolated
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Dur ssion
ntrol point norizontal
Hoor ed land
Mile Acad frame
r puine fabes - ground)
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load; highway, county, township
access
trail, bush
<b>Choreline (or</b> iginal)
he ismission line
Wouded area

Patent
Surface & Mining Rights
Surface Rights Only
Mining Rights Only
Lease
Surface & Mining Rights
Surface Rights Only
Mining Rights Only
Licence of Occupation
Order-i +Council
Cancelled
Reservation
Sa d & Gravel
LAND USE PERMIT

Map base and land disposition drafting by Surveys and Mapping B: Loch, Ministry of Natural Resources.







Ministry of Ministry of Natural Northern Development Resources and Mines	31M04NE0061 2.17543 CASSELS 210	G-3451
INDEX TO LAND DISPOSITION PLAN G-3451 TOWNSHIP STRATHY	M.N.R. ADMINISTRATIVE DISTRICT TEMAGAMI MINING DIVISION SUDBURY LAND TITLES/REGISTRY DIVISION NIPISSING	3
1000 0 Metres	le 1:20 000 1000 4 2000 Metres 5000 6000 7000 8000 9000 10000 Feet	
	AREAS WITHDRAWN FROM DISPOSITION MRO - Mining Rights Only SRO - Surface Rights Only	
SYMBOLS Boundary Township, Meridian, Baseline.	M + S - Mining and Surface Rights         Description       Order No.       Date       Disposition       File         (%)       36(a)R.S.0.1960       0C 2022/66       SR0.       3996         (%)       SEC.35 / 80       WI./94       IC /03/94       Hereiter 1000000000000000000000000000000000000	
Noad allowance, surveyed         shoreline         Lot/Concession; surveyed         unsurveyed         Parcel; surveyed         unsurveyed	SEC.36/80 W-S-02/91 NER M & S 195150 - ENDING DISPOSITION UNDER THE PUBLIC LANDS ACT - LAND NOT OPEN FOR STAKING SUB-DECTION 30(D) OF THE	STRA
Right-of-way; road		THY TO
Contour       20         Interpolated       -         Approximate       -         Depression       -         Control point (horizontal)       -	MINING ACT R.3.0. 1990 NOTICE RECEIVED 92/JAN/06	WNSHIP
Flooded land	SEC.35/90 0-5-31/94 AUG.11/94 M&S 195150 SEC.35/90 W::5-32/95 JUNE.1./95 M&S 195150 W:-5-77/38 03/13/96 RID SEC.35/90 W:-3-15/96 APR.16/96 M&S 195150 REP Pending Disposition MNR Not Open For Staking	
Road; highway, county, township	Reg         Pending Disposition         MNR         Not Open For Staking           SEC.35/90         w-s-60/96         09/13/96         M & s         195150           SEC.35/90         w-s-60/96         09/13/96         M & s         195150           SEC.35/90         w-s-60/96         09/13/96         M & s         195150           SEC.35/90         w-s-60/96         09/15/96         M & s         195150	
Wooded areaDATE OF ISSUE Land Use Permit AUG 2 2 1997 PROVINCIAL RECORDING OFFICE - SUDBURY	THIS TOWNSHIP FALLS WITHIN THE TEMAGAMI COMPREHENSIVE PLANING AREA. SPEACIAL WORKING CONDITIONS MAY APPLY TO EXPLORATION ACTIVITIES. FOR MORE DETAILS PLEASE CONTACT: DISTRICT MANAGER, NORTH BAY DISTRICT MINISTRY, NATURAL RESOURSES	
DISPOSITION OF CROWN LANDS Patent Surface & Mining Rights Surface Rights Only Mining Rights Only	NOTES ISLAND 27 BELONGS WITH STRATHCONA TWP. ISLANDS IN LAKE TEMAGAMI - NOT OPEN FOR STAKING SEC.35/90 ************************************	
Lease Surface & Mining Rights	SKYLINE RESERVE AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN	
Cancelled ® Reservation ® Sand & Gravel ®	LAKE TEMAGAMI	AP ED S. DT SE N- N- NG DF P- D- DN HE

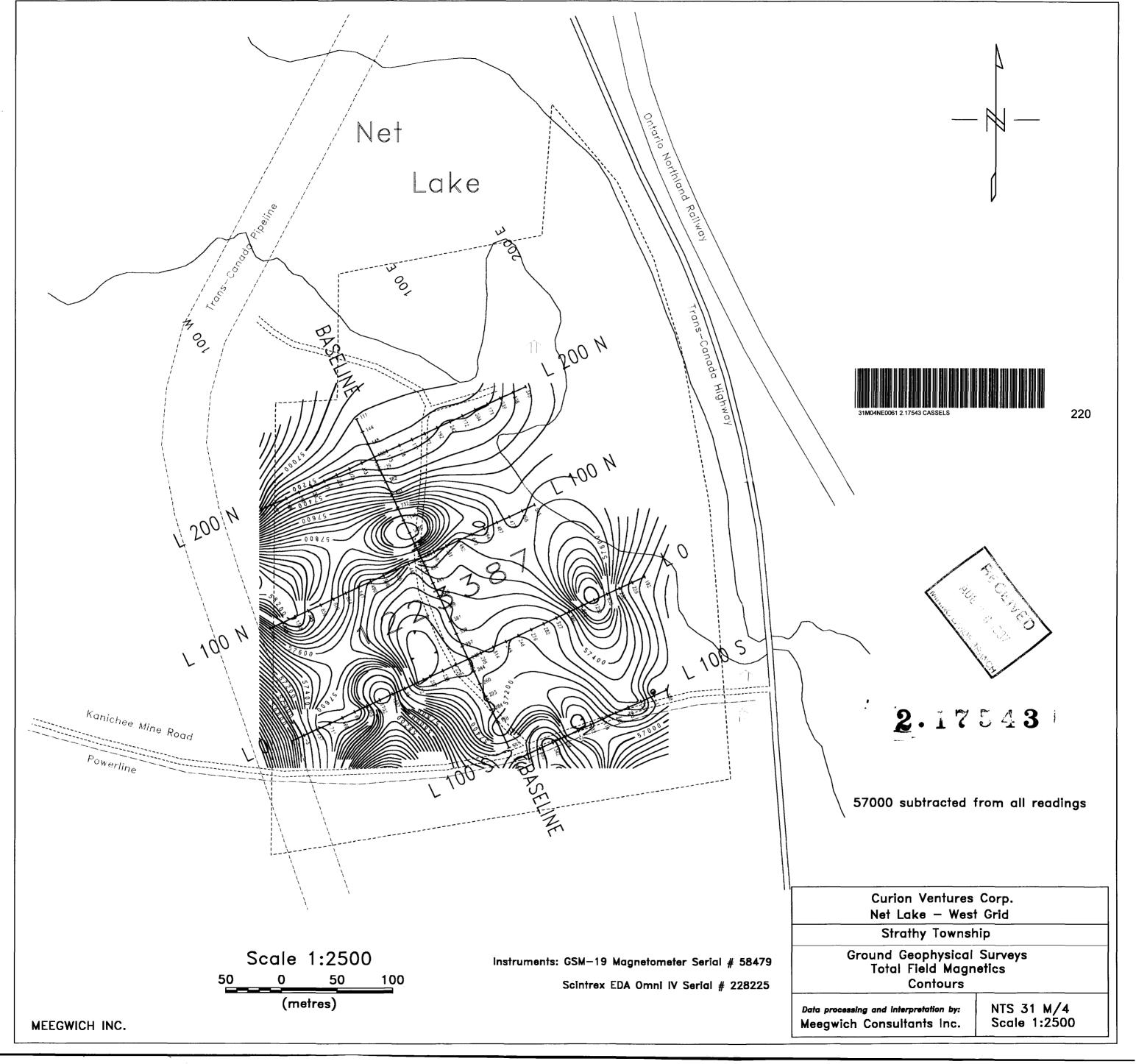
Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resourc**es**. The disposition of land, location of lot fabric and parcel **bound**aries on this index was compiled for administrative purposes only.

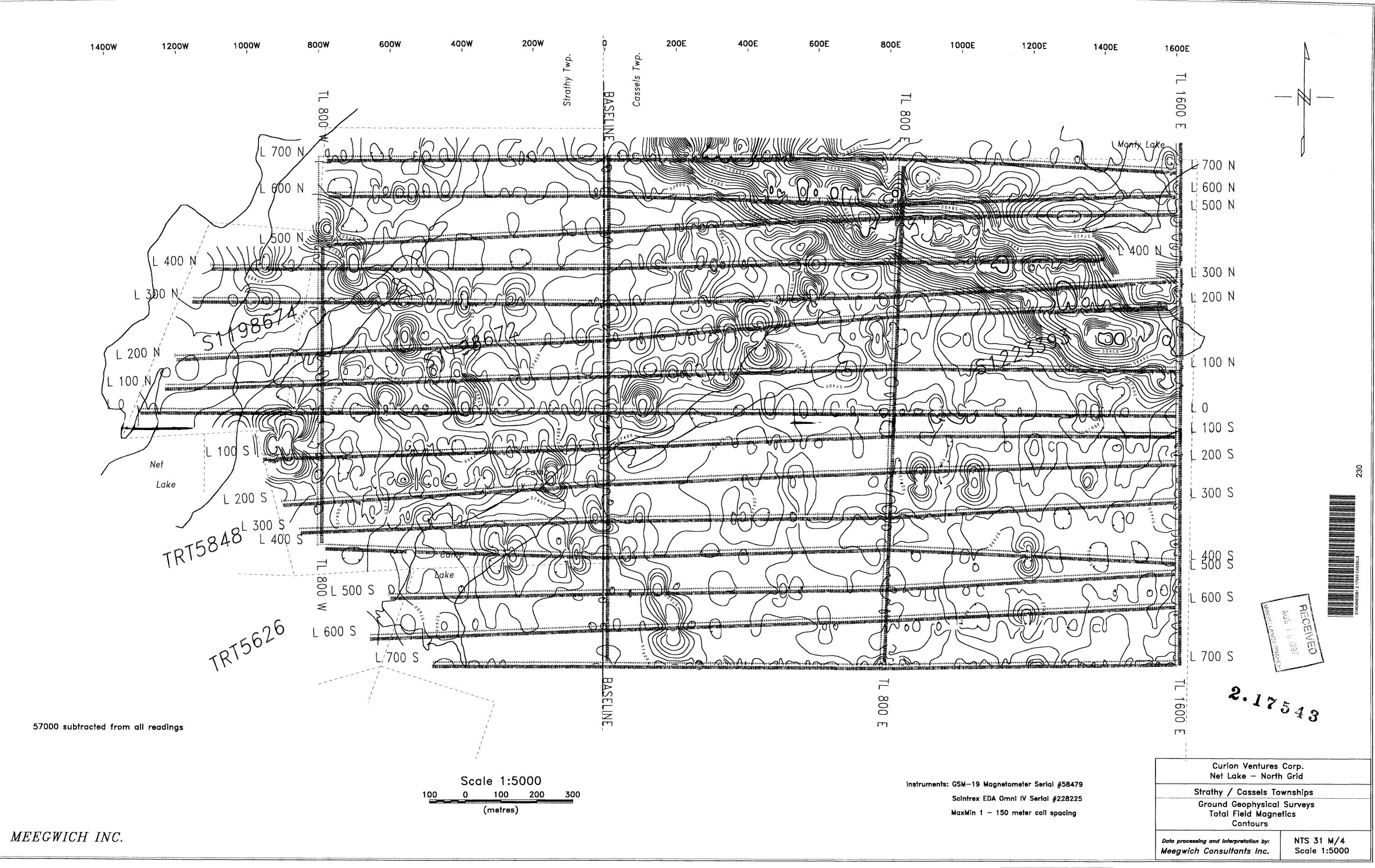
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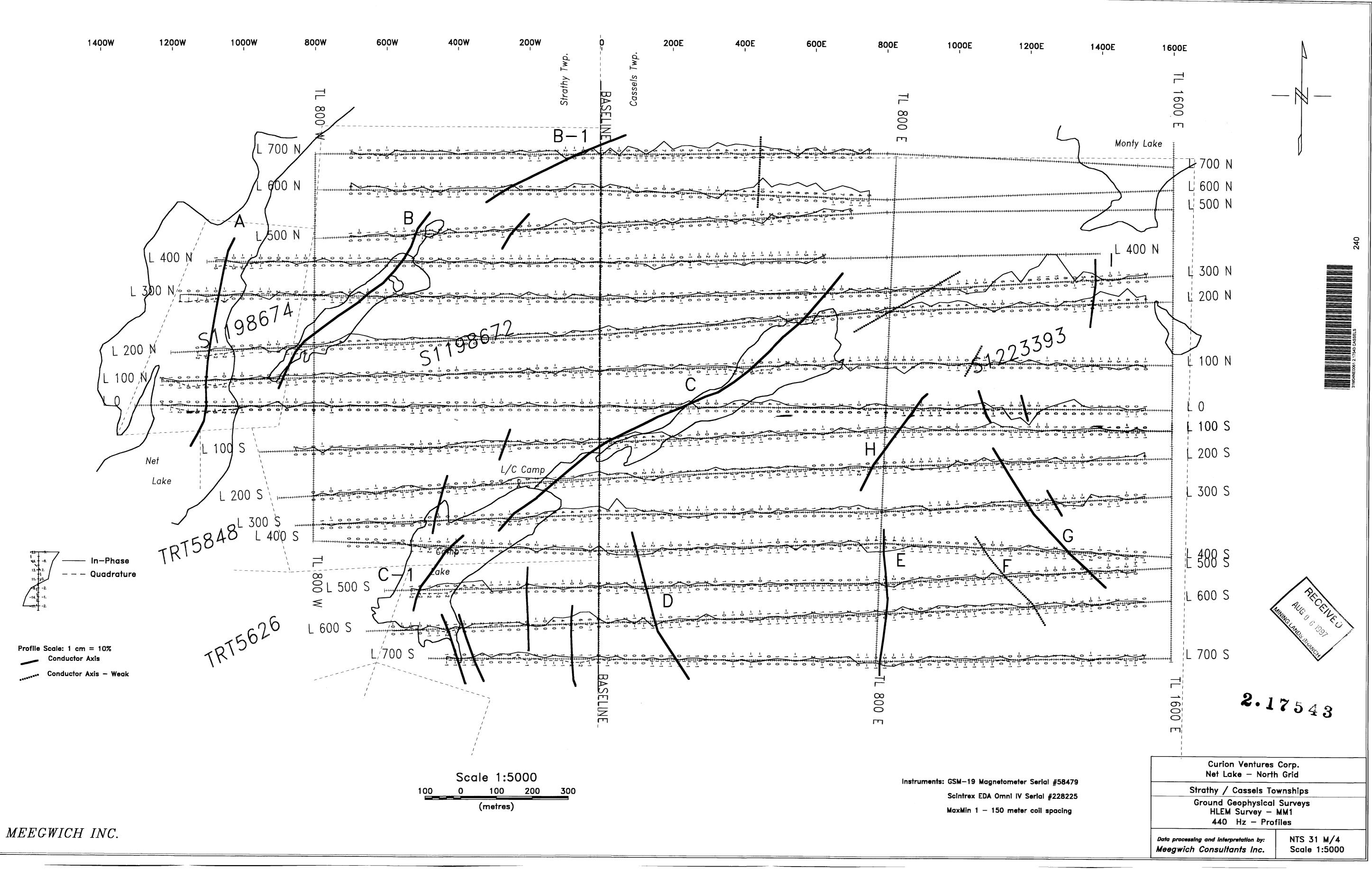
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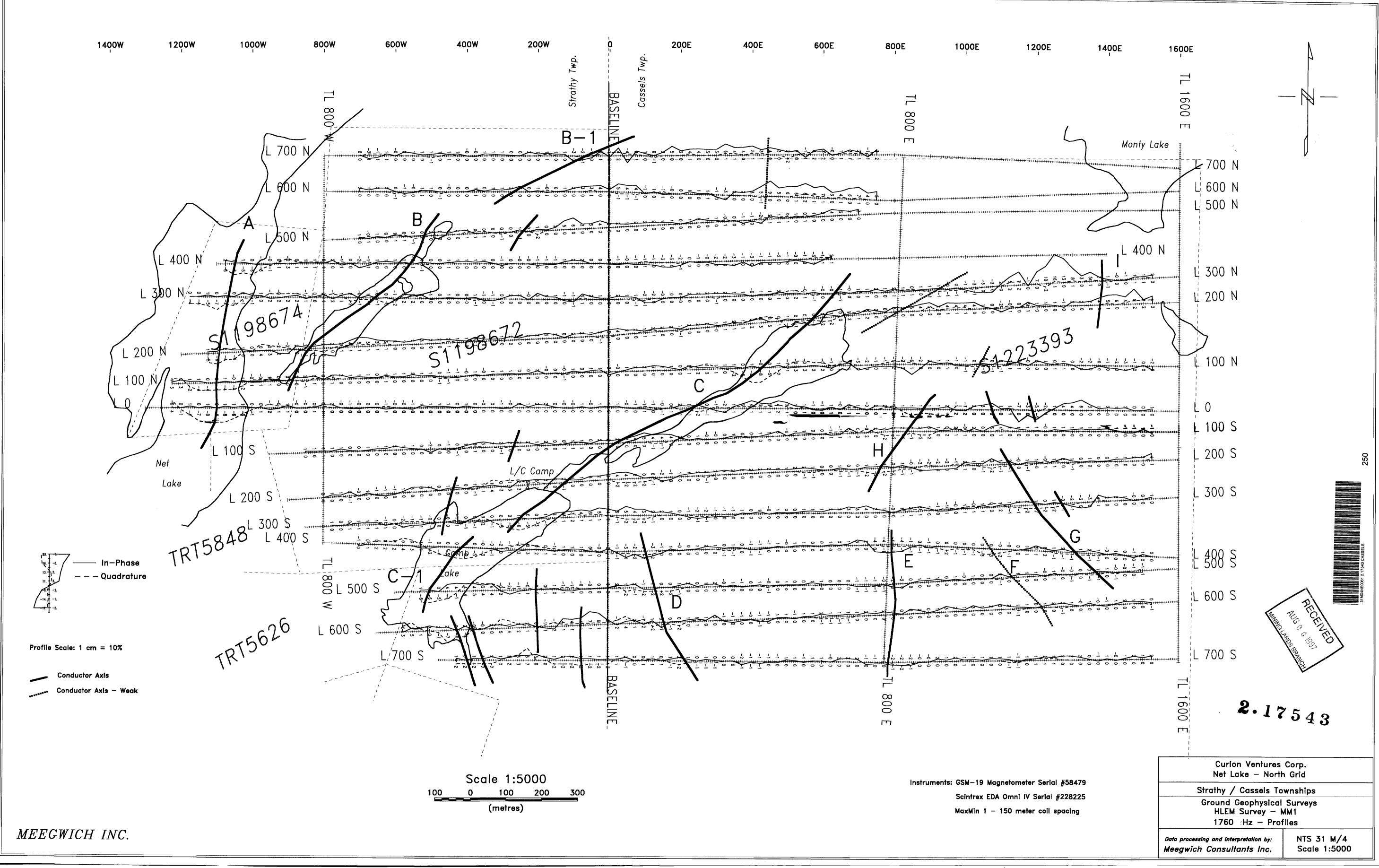
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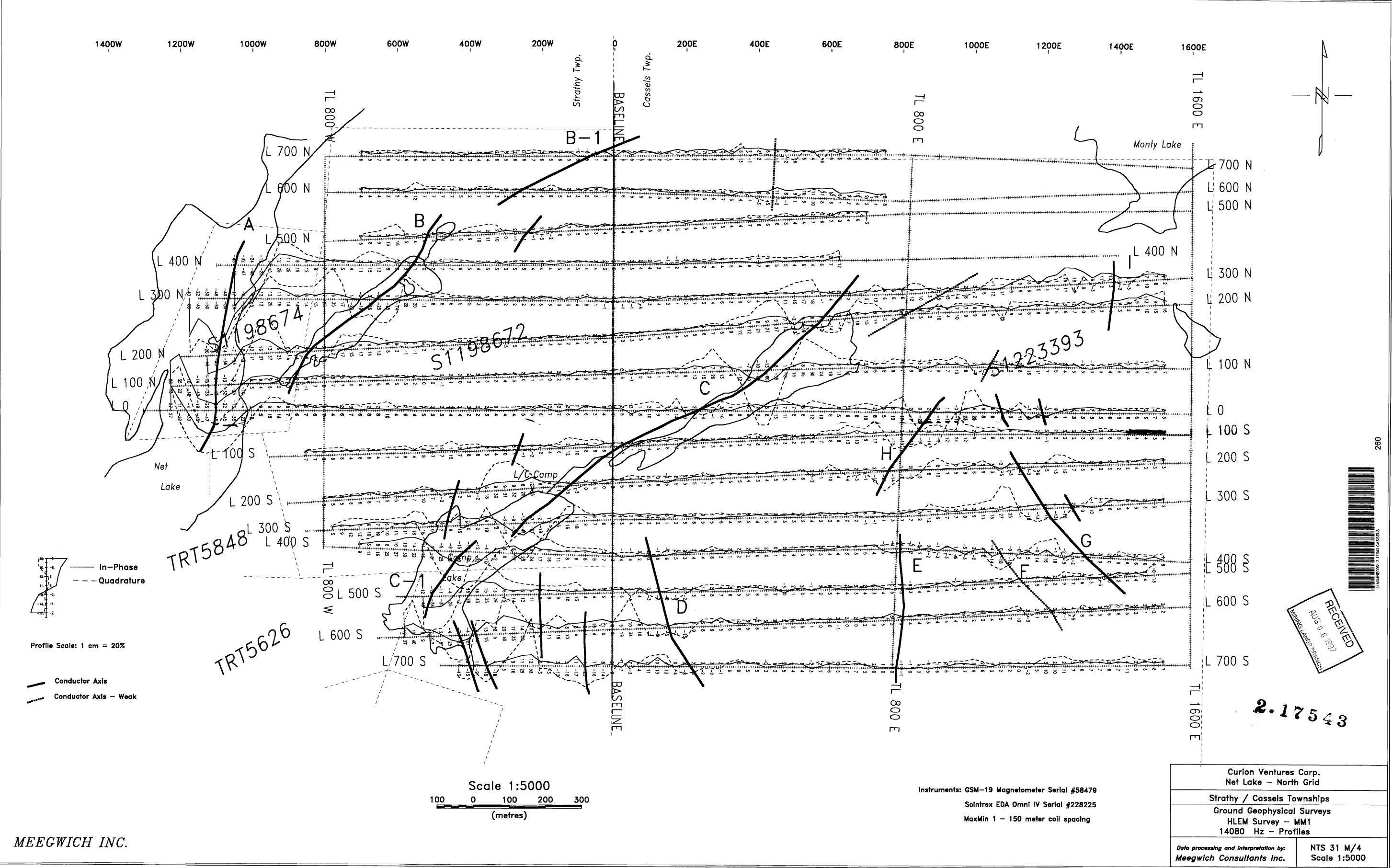


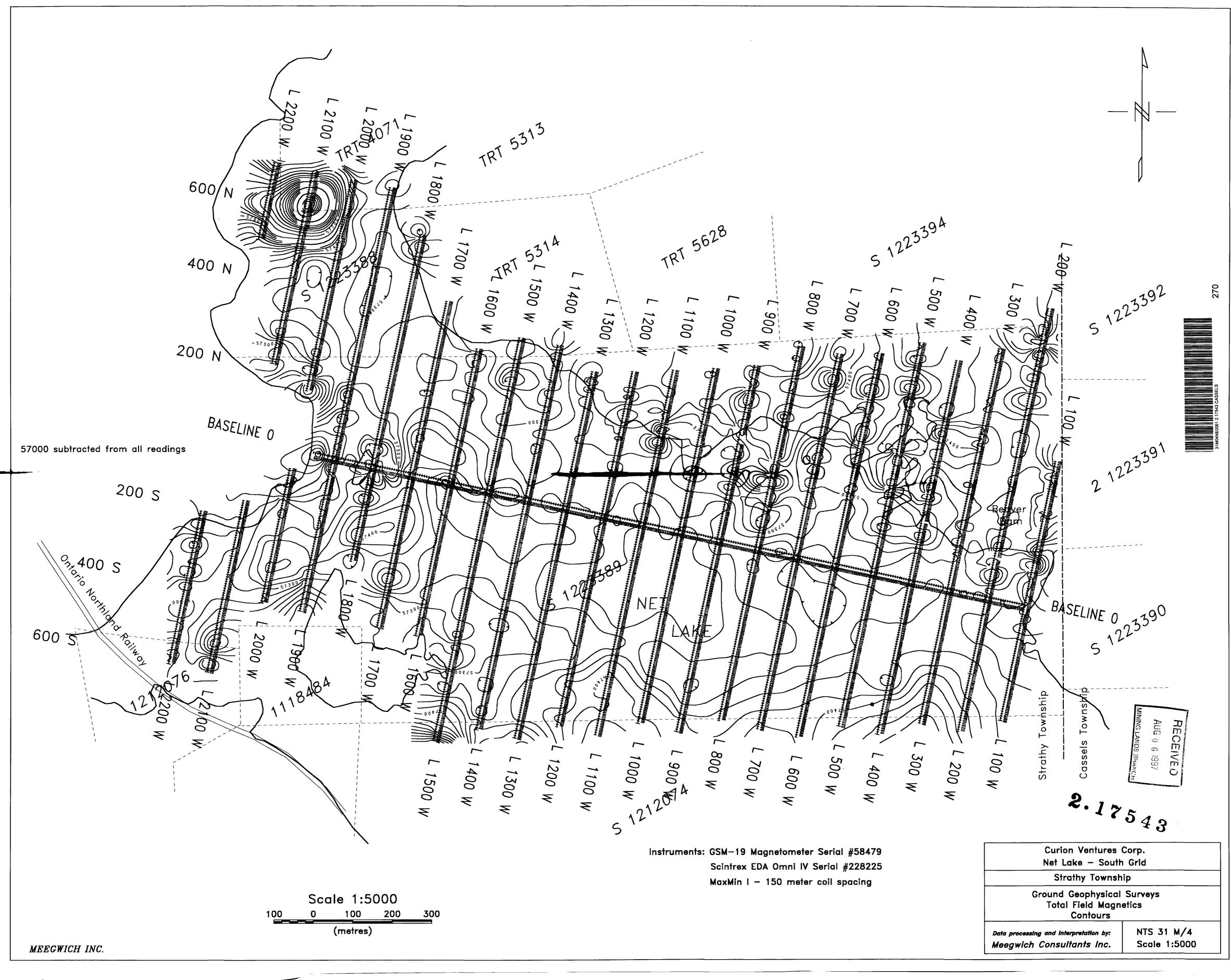


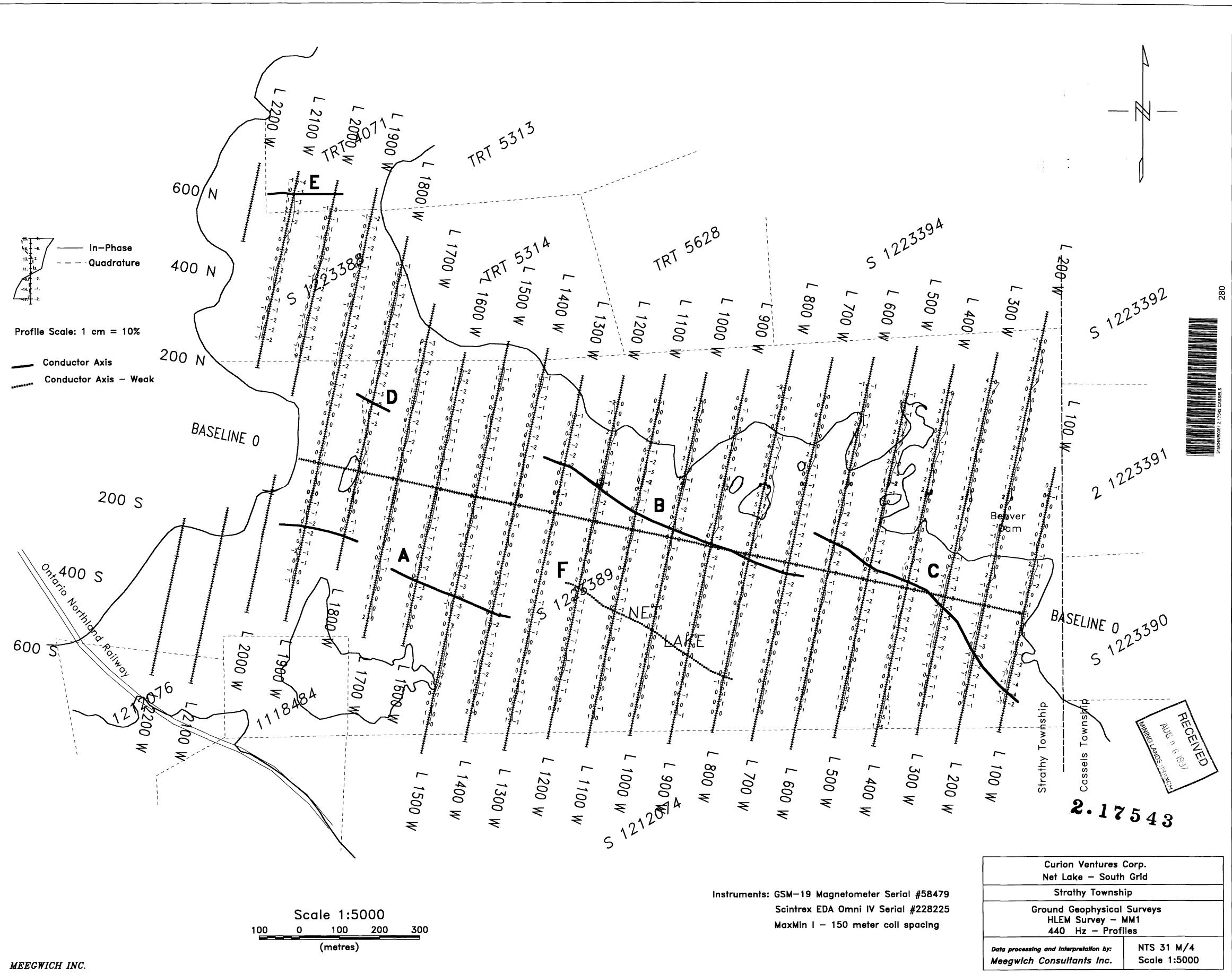
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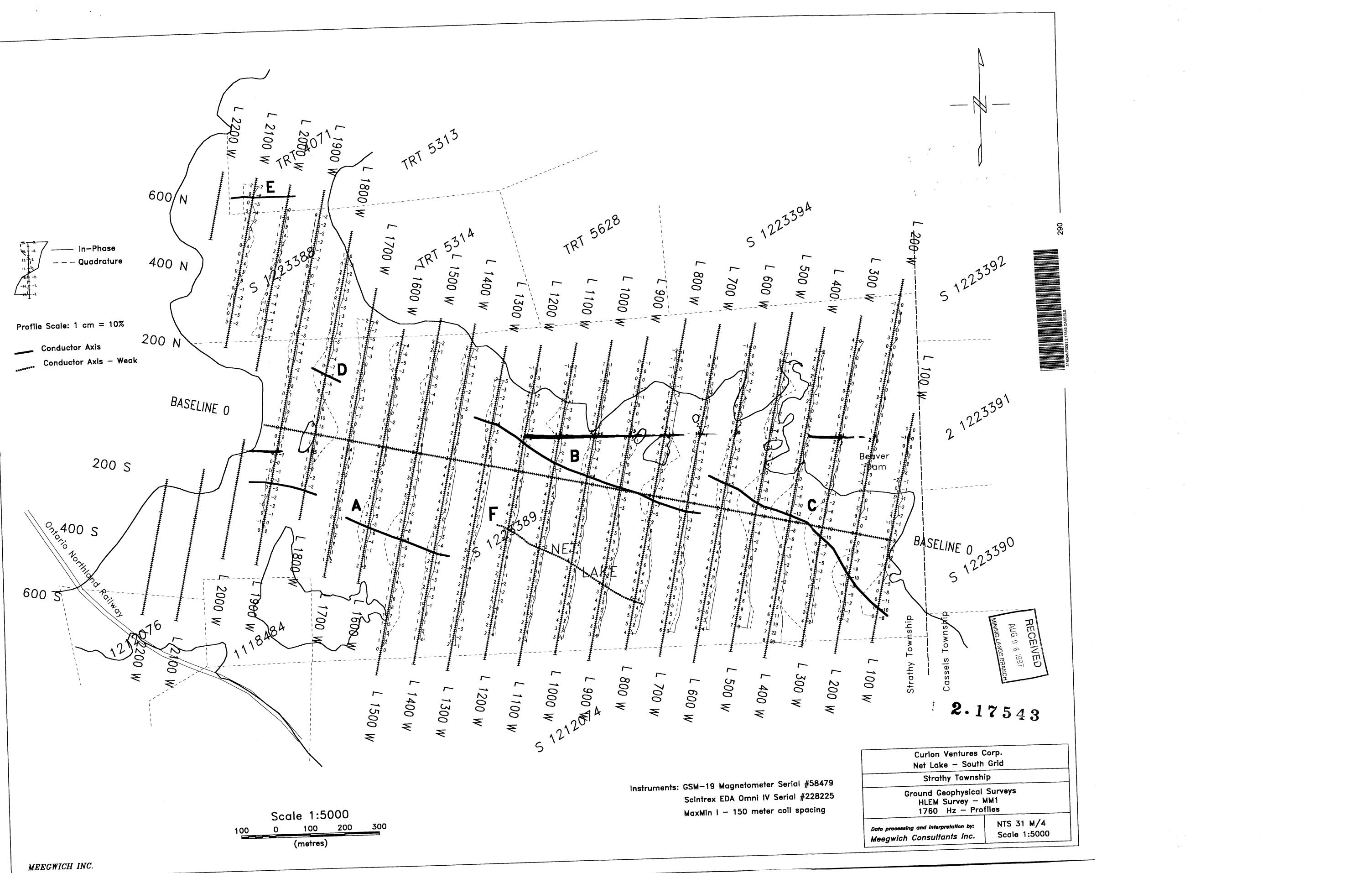












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Curion Ventures C	Corp.
Net Lake — South	Grid
Strathy Townshi	i P
Ground Geophysical HLEM Survey – M 1760 Hz – Prof	<b>MM</b> 1
Data processing and interpretation by: Meegwich Consultants Inc.	NTS 31 M/4 Scale 1:5000

