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PROJECTS UNIT.

REPORT ON A TURAM

ELECTROMAGNETIC SURVEY

EXECUTED IN

GODFREY TOWNSHIP, KAMIS KOTIA, ONTARIO

ON BEHALF OF

HOLLINGER MINES LIMITED

#### SUMMARY

During the period, March - June, 1974, 68.8 line miles of Turam electromagnetic survey data were recorded in Godfrey Township, Kamis Kotia, Ontario.

The observed electromagnetic distortion pattern revealed the presence of many conductor axes, a high proportion of which are probably due to sources not of economic interest. The potential presence of economic sulphides, however, is not excluded.

All available geological and geochemical information will be needed to fully assess the conductors found in the present survey. Consequently, drilling recommendations have not been made at the present time.

# REPORT ON A TURAM ELECTROMAGNETIC SURVEY EXECUTED IN GODFREY TOWNSHIP, KAMIS KOTIA, ONTARIO ON BEHALF OF HOLLINGER MINES LIMITED

#### INTRODUCTION

During the period March 8 to June 23, 1974, Turam electromagnetic surveys were executed on behalf of Hollinger Mines Limited by Scintrex Surveys Limited. A total of 54 days at the location were needed to complete the survey.

The claim group covered was in a block approximately defined by concessions 4, 5 and 6, lots 3, 4, 5 and 6 of Godfrey Township. The area is located approximately eight miles WNW of Timmins (fig. 1).

During the survey period the geophysical crew were under the direction of three different crew chiefs: Mr. D. Carriere, B.Sc., Mr. H. Lee, B.Sc., and Mr. T. Geurnier. Overall supervision of the project was provided by Mr. J. Klein, M.Sc., P.Eng.

The area was covered by a total of 22 energizing loops. The leading edges of 16 of these loops ran at an angle of N140°E while the leading edges of the other 6 loops ran at an angle of N105°E. The survey lines ran perpendicular to these directions with an inter-line spacing of 400 feet. A total of 68.8 line miles were covered (including minor overlap sections).

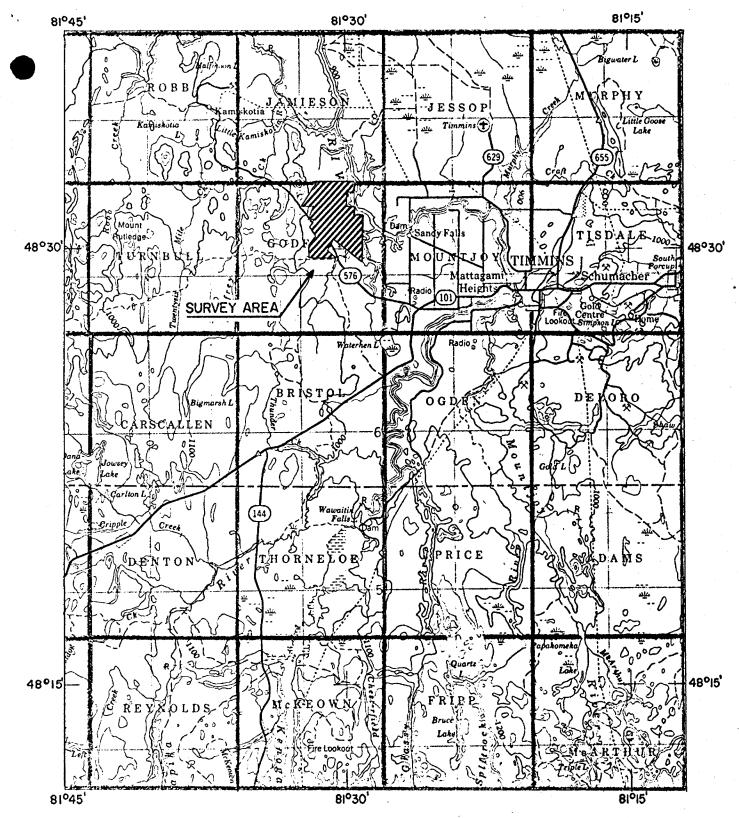
The purpose of the survey was to delineate subsurface zones of sulphide mineralization.

#### EQUIPMENT AND METHODS

The present survey employed a Scintrex SE-71 three frequency Turam electromagnetic unit. A 400 Hz energizing signal was used in all of the loops. Loop sizes ranged from 2000 feet x 2000 feet to 4800 feet x 3200 feet. Except for the beginning of the survey when readings from loops 1A, 2A and lines 212N to 236N inclusive from loop 3A were taken with a 200 feet cable, the separation, "a" between the receiving coils for the remainder of the survey was 100 feet.

The enclosed specification sheet, Appendix T, and article entitled "Some Aspects of the Turam Electromagnetic Method" give further details on the equipment and technique.





### LOCATION MAP

HOLLINGER MINES LIMITED

GODFREY TWP. KAMIS KOTIA, ONTARIO

GROUND GEOPHYSICAL SURVEY

Scale:1:250,000

#### ---

#### PRESENTATION OF DATA

Plate 1 shows a profile presentation of the Turam results on a scale of 1'' = 400 feet. Along the profiles the field strength ratio (F.S.R.) is plotted at a scale of 1'' = 20% with the phase difference ( $\Delta \emptyset$ ) at a scale of  $1'' = 10^{\circ}$ . The positions of energizing loops is shown on plate 2.

#### DISCUSSION OF RESULTS

The more prominent conductive lineations have been and are marked on Plate 1 while the more interesting conductors have also been individually labeled.

On the northern and eastern edges of the area, numerous well-defined, closely spaced current axes are evident. In the northern part of the area these axes run parallel to an ESE flowing tributary of the Mattagami river while along the eastern edge of the area the surface drainage system cuts perpendicular to the observed lineations. At both locations conduction within swamp and creek sediments is likely to have contributed to the anomalous current channeling, although the long nature of some of these features (eg., A1, A2, A3, A4, C1 and C2) would tend to indicate structural conductors, possibly graphitic in nature. Inter-line correlation is frequently hard to distinguish and it is suspected that considerable variations in the conductivity and/or width of the conducting bands are present. The conductors may, in fact, "pinch-out" several times along their strike lengths. Furthermore, the complex nature of the data in the north is accentuated because certain sections were covered with a 100' cable and others with a 200' cable. Generally speaking, greater resolution can be expected with the shorter cable at the expense of lower amplitude anomalies over more deeply buried conductors.

Many of the conducting systems are associated with reverse-sensed current axes (ie., a negative FSR in conjunction with a positive  $\Delta \phi$ ) flanking the normal-sensed axis -- eg.,  $C_1$  and  $C_2$ . The well-defined reverse-sensed current axis between  $A_1$  and  $A_2$  exhibits the most prominent electromagnetic distortion over the whole grid. Normally, anomalous expressions of this nature are attributable to a horizontal eddy current circulation which might be expected to be induced in a swamp or a wide conducting horizon, however, very complex basement structures can produce similar patterns.

Conductors H,  $J_1$  and  $J_2$  all exhibit distortions of reverse sense and in the case of  $J_1$  there is little evidence of a return flow. This may indicate that the anomalous source is dipping towards the loop, ie., to the east or northeast. The response from the same conductor with the loop on the foot-wall side, --ie., to the west -- might be expected to be considerably stronger. This would tend to upgrade the possible significance of this zone.

In the case of the multiple roughly parallel conducting axes, in groups A, B and C an estimation of a conductivity x width product is difficult to obtain because of the mutual induction from the various closely-spaced conductor axes. Qualitatively, however, "Q" values (ie., the ratio of in-phase to quadrature distortions) at almost all intersections indicate relatively poor to moderate conductivity x width. Except for conductors E and F, whose distortion patterns tend to exhibit a higher conductivity x width at certain intercepts, the remaining conductors also suggest conductivity x width products of poor to moderate magnitude.

#### CONCLUSIONS AND RECOMMENDATIONS

A Turam electromagnetic survey executed over a grid system in Godfrey Township, Kamis Kotia, Ontario, revealed the presence of numerous conductive lineations. Many of the observed distortions are probably related to lenses and/or banded horizons of graphite-rich material with overburden conduction having contributed to some extent. The existence of a massive sulphide source, however, cannot be excluded.

Although, from the Turam data alone, a priority list cannot justifiably be made, some of the isolated conductors, eg., E, F, J, may prove to have more interesting sources than the prominent distortions on the northern and eastern edges of the area. However, a careful checking of all known geological and geochemical information in the vicinity of all of the more prominent conductor axes noted on Plate 1 is recommended. As it seems probable that many of the conductors found in the present survey have been previously located and tested, no drilling recommendations are being made at the present time. Scintrex Surveys Limited will be willing to discuss in greater detail areas in the immediate vicinity of the found conductors which are considered by Hollinger Mines to be of favourable geological interest.

Respectfully submitted,

P. R. Bailey, M.Sc., D.I.C.,

Geophysicist

Jan Klein, M.Sc., P. Eng.,

Geophysidist

#### APPENDIX "T"

## BRIEF DESCRIPTION OF THE TURAM ELECTROMAGNETIC SYSTEM

#### GENERAL

The Turam method can be classified as a fixed source compensation method. The primary or source field consists of a large energizing layout in the form of a long wire or a large loop laid out on the terrain, to which an audio frequency alternating current is fed by means of a motor generator. The resulting current pattern is investigated inductively, with two identical receiving coils connected to a bridge compensator which compares the signal received in each coil in relative phase and amplitude. When grounded cable is used, the energization is both galvanic and inductive; when the primary layout consists of a closed loop, the energization is purely inductive. Under most conditions the presence of galvanic current is undesirable and inductive energization is, as a rule, preferred.

Although the system allows the comparison of any two components of the resultant field, it is standard procedure in systematic surveys to measure the gradient of the vertical component.

The pattern for a typical Turam survey is shown in Fig. 1. A large rectangular loop is used as primary layout and the field gradients are measured with horizontal receiving coils along profiles perpendicular to a long side of the transmitting loop.

#### DATA REDUCTION

The relative strength of the undisturbed primary field is dependent on the loop dimensions and the location of the observation points, and can be determined by calculation. The measured field strength ratios are normalized through division by these calculated free space ratios.

The primary field causes eddy currents to flow in subsurface conductors. As a result the resultant field will be distorted in both amplitude and phase. The presence of conductors will thus be indicated by abnormal field strength ratios and phase differences.

#### PRESENTATION

The measuring results are usually presented in profile form, as (reduced) field strength ration and phase difference curves, with the observed values plotted at the midpoint between coil positions.

Occasionally one of the two parameters is presented in contour form, but contour plans are generally inadequate to express the full significance of the data.

#### INTERPRETATION

Where field distortion occurs the curves indicate the location and the depth of burial of the main current flow. The "current axis" is well defined when the current is concentrated as, for instance, in thin, steeply dipping conductors. In wide, banded conductors, or in horizontal conductors such as, for instance, overburden, the current is usually more dispersed and the anomalies will yield less positive information.

As a rule the current axis is located right below the maximum field strength ratio deflection or the maximum negative phase shift. Its depth under the traverse is indicated by the shape of the anomaly.

The relative amplitudes of field strength and phase distortions are a measure of the conductivity of the conducting bodies, i.e. good conductors are characterized by field strength distortion combined with relatively little phase shifting, whereas poor conductors affect the phase, rather than the strength of the resultant field.

For an accurate grading the conductivity thickness of t value the individual conductors can be derived from the calculated in-phase and out-of-phase components, taking further into consideration the exciting frequency and the strike length of the conductor. The relations are shown in Fig. 2 and Fig. 3. The obtained of t values are marked on the upper right side of the anomalies, in units of mho. On the lower left side the depth of the current axis (ft.) is marked. It is normally located 30 - 40 ft. within the body and the indicated depth should be regarded as the maximum depth to the upper surface of the conductor.

To obtain the projection of the current pattern, the anomalies are connected between lines, whereby depth and d t values, as well as other characteristics of the curves are used as criteria. The strike of the formations if known, is also taken into consideration. Fig. 4 and Fig. 5 show a plan and section of a typical Turam survey and interpretation.

References: 1937 Hedstron, E. H. Phase Measurements in Electrical Prospecting. AIME Techn. Publ. 827

1964 Bosschart, R.A. Analytical Interpretation of Fixed Source Electromagnetic Prospecting Data.
Delft.

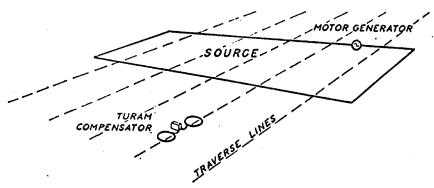


Fig. 1 The Turam method. General layout

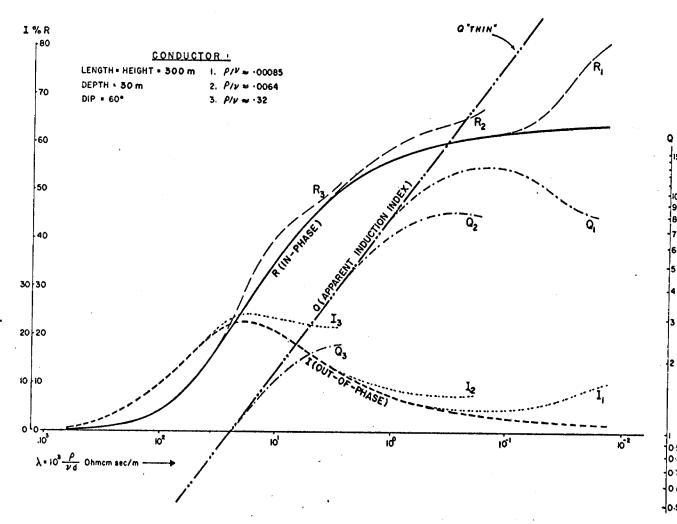


FIG. 2 RESPONSE OF A FINITE TABULAR CONDUCTOR. (R.A. Bosschart 1964)

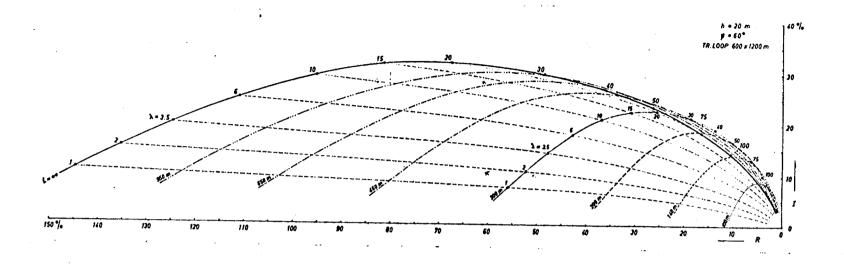
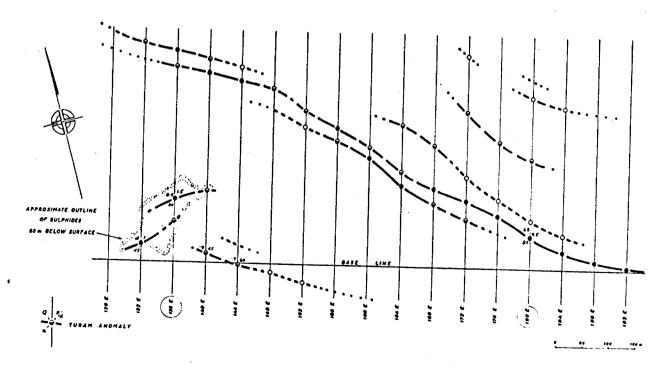


FIG. 3 RESPONSE DIAGRAM FOR CONDUCTORS OF VARYING STRIKE LENGTHS.

FIG. 4 TURAM SURVEY ON THE MURRAY GROUP, NEW-BRUNSWICK.
(R.A. Bosschart 1964)



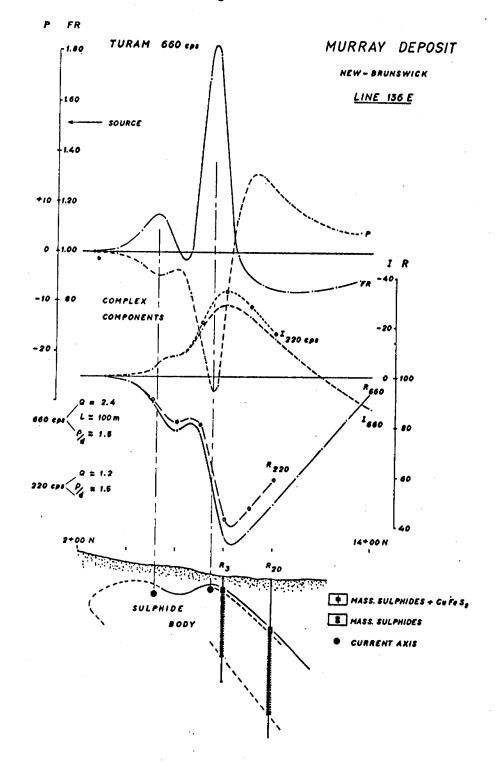


FIG. 5 TURAM SURVEY ON THE MURRAY GROUP, NEW BRUNSWICK.
INTERPRETATION OF A TYPICAL SECTION.
(R.A. Bosschart 1964)



2A11SW0350 2.1550 GODFREY

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MAGNETIC SURVEY

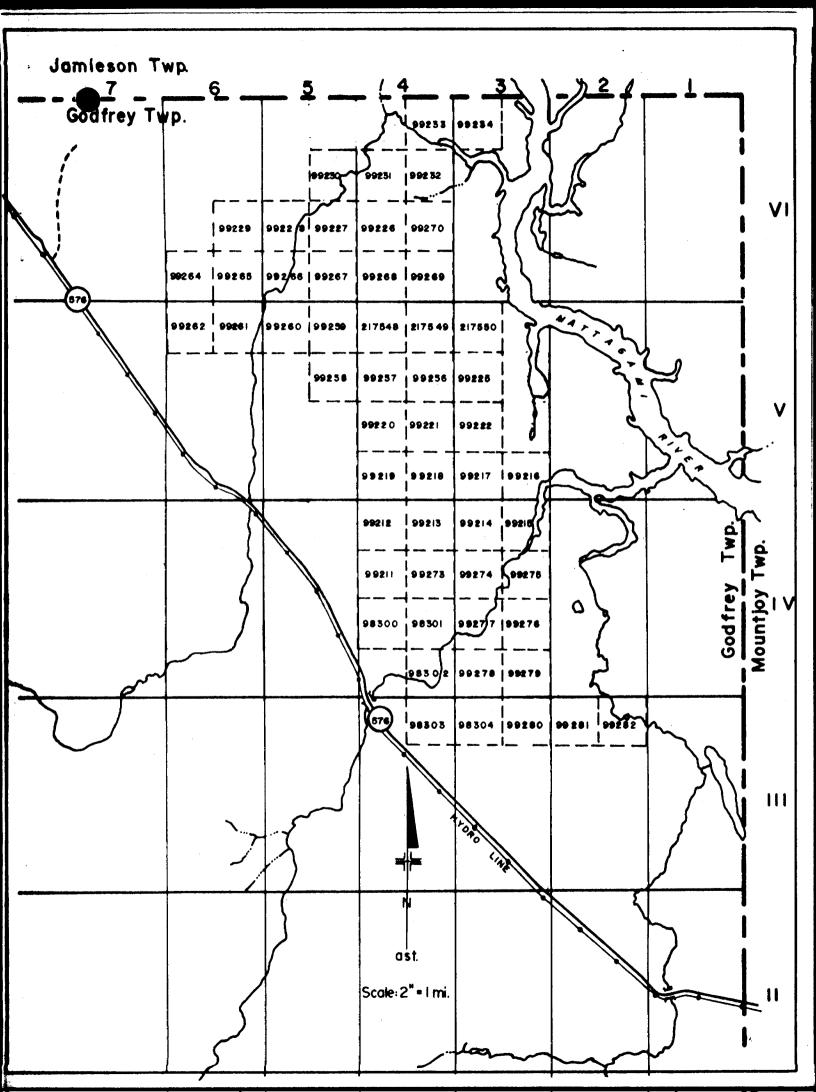
on the

GODFREY #2 & #4 GROUPS

Hollinger Mines Limited
Godfrey Township, Ontario

H. Z. Tittley, P. Eng.

Timmins, Ontario
July 30, 1974



#### INTRODUCTION

A magnetic survey was carried out by Hollinger Mines Limited on its Godfrey #4 Group in Godfrey Township near Timmins, Ontario during March and April 1970.

The purpose of the survey was to assist in outlining the underlying geological features. Several north trending anomalies, attributed to diabase dykes, have been outlined. The accompanying map shows the results obtained over the area surveyed.

#### PROPERTY, LOCATION AND ACCESS

The portion of Godfrey #4 Group covered by the magnetic survey consists of 54 contiguous mining claims situated in lots 2 to 6 in the fourth, fifth and sixth concessions in Godfrey Township, Porcupine Mining Division.

The claims are: P-98300 to P-98304 inclusive P-99211 to P-99222 P-99225 to P-99234 P-99256 P-99262 to P-99264 to P-99270 P-99273 to P-99282 P-217548 to P-217550

The property lies entirely between the Mattagami River to the east and Highway #576 that crosses Godfrey Township immediately west of the claims. Both of these provide access to the property from Timmins, situated six miles to the east.

#### HISTORY

Although Godfrey Township has been the scene of a considerable amount of exploration activity over the past years, most of the claims that fall within the scope of this report have received little or no attention. Mespi Mines Ltd. put down three diamond drill holes in 1964 following the completion of a geophysical program on the most northwesterly claims. Three holes put down on claim # P-99215 at the end

of a long bay of the Mattagami River are believed to have been drilled in the 1940's by a group named McKay-Colgan while searching for gold.

#### **GEOLOGY**

The entire area of the property is underlain by keewatin lavas of felsic and basic composition cut by younger north trending quartz diabase dykes. Rhyolites exposed in a prominent ridge that extends from the middle of Godfrey Twp. to the centre of Jamieson Twp. are visible in outcrop on claims P-99262 and P-99264 in the northwest corner. Basic lavas are visible near the Mattagami River along the east boundary, but these are believed to occur east of a major displacement fault (Mattagami River fault), and would therefore not be part of the same volcanic sequence.

Surficially, the property is situated along the southern edge of the clay belt (Barlow-Ojibway formation). This flat, heavily wooded plain consists mainly of clays, some sand and occasional boulders. Overburden thicknesses vary from the bedrock surface in the west to hundreds of feet under the Mattagami River where the latter and its tributaries have gouged down nearly 100 feet into the alluvium.

#### SURVEY METHOD

On the two existing grids of lines shown on the accompanying plan, readings were taken 100 feet apart or less with two A.B.E.M. Mz-4 torsion wire magnetometers capable of measuring the vertical component of the earth's magnetic field. Base stations were established along the base lines at the even 400 foot intersections by averaging two repeat loops encompassing each of the points. Main base stations, located throughout the property, were related through

observations to the government magnetic base on the Bristol-Ogden Township boundary where an arbitrary value of 945 gammas has been assigned. Diurnal and instrument drift variations were recorded by repeating the bases and were subtracted from the readings. The arbitrary value of 945 was then added to complete the corrections in gammas.

#### RESULTS

The results of the survey are presented as isomagnetic contours on the accompanying plan entitled "Geomagnetic Survey" at a scale of 1 inch to 400 feet.

All of the north and northwest trending magnetic features are interpreted as diabase dykes. A northeasterly trending magnetic anomaly on claims P-99215 is believed to be due to concentrations of magnetite within basic lava flows.

The presence of the Mattagami River fault which is generally projected near the east boudary of the group is not readily discernable from the data. However, the north trending contours on claim P-99234, to the north, near the north part of claim P-99216 and through the centre of claim P-99281 along the south boudary may represent part of the fault.

#### CONCLUSIONS

The amount of information revealed by the magnetic survey is interminable and will prove of great merit when evaluating other geophysical surveys.

Respectfully submitted

H. Z. Tittley, P

Approved by\_



GEOPHYSICAL – GEOLOGI TECHNICAL DATA

42A11SW0350 2.1550 GODF

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900

FACT	ATTACHED AS AN APPENDIX TO TECHNIC IS SHOWN HERE NEED NOT BE REPEATED I EPORT MUST CONTAIN INTERPRETATION,	N REPORT	PROJECTS UNIT
Type of Survey Geophysic	cal Turam Electromagnetic		
Township or Area God	lfrey Twp.		
Claim holder(s) Hollinger	TIMMINS, Ontario		AS TRAVERSED merically
Scintrex Survey	n, MSc., P.Eng. vs Limited, Concord, Ontario		
Covering Dates of Survey Marc  Total Miles of Line cut	ch 15 to June 23, 1974 (linecutting to office)		(number)  Ached Sheet
Total wines of Time cut			
SPECIAL PROVISIONS CREDITS REQUESTED	Geophysical  Turam Electromagnetic 20		
ENTER 40 days (includes line cutting) for first	-Magnetometer		
survey.	-Radiometric	, ·	
ENTER 20 days for each	Other		
additional survey using	Geological	,	
same grid.	Geochemical		,
AIRBORNE CREDITS (Special pro	ovision credits do not apply to airborne surveys)		
MagnetometerElectroma	agnetic Radiometric er days per claim)		
DATE: SIGN	NATURE:Author of Report or Agent		
TRUIECIS SECTION	R. H. O. Seigel RT. D.		• • • • • • • • • • • • • • • • • • • •
Res. Geol.	Qualifications 63 2411		
Previous Surveys See Ale	以		•••••
Checked by	date		
GEOLOGICAL BRANCH			
Approved by	date		
GEOLOGICAL BRANCH			
		TOTAL CLAIMS.	54 45

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

#### GEOPHYSICAL TECHNICAL DATA

<u>GROUND SURVEYS</u>		
Number of Stations	1950	Number of Readings 1950
Station interval	100 feet	
Line spacing	400 feet	
Profile scale or Contour	r intervals1 <sup>#</sup> =20%	with phase difference 1 = 10% for each type of survey)
MAGNETIC		
Instrument		
Accuracy - Scale consta	int	
Diurnal correction met	hod	
Base station location		
ELECTROMAGNETIC	L	
Instrument	SE 71 Scintrex	Turam three frequency Electromagnetic Unit
Coil configuration	Loop ranged from	m 2000 x 2000 ft. to 4000 x 3200 ft.
Coil separation	200 ft.	
Accuracy		
Method:	Fixed transmitter	☐ Shoot back ☐ In line ☐ Parallel line
Frequency 400 H-Z	Energising Signa	1
Down matera managed	Field Strength R	(specify V.L.F. station) atio & Phase Difference Curves
GRAVITY		
Corrections made		
Base station value and l	ocation	
#*************************************		
Elevation accuracy		
INDUCED POLARIZA	TION RESISTIVITY	
Instrument		
Time domain	WARRING BOTH THE COLUMN TO THE	Frequency domain
		Range
Electrode array		
·		
• •		

Statement showing distribution of assessment days as a result of a Deephysical Turan E.M. Survey performed on 45 contiguous claims in Bedfrey Termship, performed Bevenber 1968 to have 26, 1971

Clain Hea	Assessment Dava	Glain.Na	Assessment
P-96300	20	P- <b>09</b> 233	20
96301	20	99234	20
99211	20	99286	20
99212	20	99297	20
99213	20	99258	20
99214	20	99059	20
99215	20	99260	20
99216	20	99861	20
99217	20	99262	20
99218	20	99265	20
99219	20	99066	20
99200	20	99267	20
99221	20	99268	20
99222	20	99269	20
99225	20	99270	20
99226	20	99273	20
99227	20	99274	20
99228	20	99275	20
99229	20	99276	20
99230	20	99877	20
99231	20	217548	20
99232	20	217549	20
		217550	20

W A Hansen

HOLLINGER CHOICES LIGHTED

TIMMINS, ONTARIO

## GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

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PROJECTS UNIT.

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.

Geophysical Turam Electromagnetic

Godfre	y Twp.	
Township or Area  Claim holder(s)  Hollinger M	fines Limited	MINING CLAIMS TRAVERSED  List numerically
Box 320, T	MMINS, Ontario	List numericany
Author of Report Jan Klein,	Msc., P.Eng., nited, Concord, Ontari	
Address	to June 23, 1974	(prefix) (number) P- 99223
Total Miles of Line cut 78.13	ling to office)	99224
Total Miles of Time out	•	379916
SPECIAL PROVISIONS CREDITS REQUESTED	DAYS per claim eophysical	381227
Turam	Electromagnetic 40	381228
ENTER 40 days (includes line cutting) for first	-Magnetometer	381240
survey.	-Radiometric	381241
Intinic 20 days for each	Other	381242
aama arid	Geochemical	381243
AIRBORNE CREDITS (Special provision cr		381244
MagnetometerElectromagnetic (enter days po	Radiometricer claim)	381245
DATE: SIGNATUI	RE:Author of Report or Agent	381246
PROJECTS SECTION  Res. Geol		
Previous Surveys		
Checked by	date	
GEOLOGICAL BRANCH		
Approved by	date	
GEOLOGICAL BRANCH		
		TOTAL CLAIMS 12
Approved by	date	

Type of Survey\_

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

#### GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS				•
Number of Stations	616	Num	ber of Readings	616
Station interval	100 ft.			
Line spacing	400 ft.			
Profile scale or Contour is	ntervals 1"=20%	with phase diffe	rence 1"=109	6
	(specify f	or each type of survey)	•	
MAGNETIC				
Instrument Scintre	ex SE 71 three from	equency Turam El	ectromagnet	c Unit
	t Loop ranged fro	om 2000 x 2000 1	eet to 4800	x 3200 feet
Diurnal correction metho	od 200 ft.			
Base station location			***************************************	
ELECTROMAGNETIC				
Instrument Scintre	x SE 71 three from	equency Turam El	ectromagneti	c Unit
•	Loop ranged from		•	• • • • • • • • • • • • • • • • • • • •
Coil separation	200 ft.	The second secon		
Accuracy	**************************************			
Method:	] Fixed transmitter	☐ Shoot back	☐ In line	☐ Parallel line
Frequency 400 HZ		(marte MAR E. A.C.)	7.5.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	
Parameters measured F	ield Strength Rat	io & Phase diff	erence Curve	S
<u>GRAVITY</u>				
Instrument				
Scale constant				
Base station value and loc	cation			
Elevation accuracy				
INDUCED POLARIZAT	ION – RESISTIVITY			
Instrument				
Time domain	***************************************	Frequency d	omain	
Power				
Electrode array				
Electrode spacing				
Type of electrode				

Statement showing distribution of Assessment days as a result of a Geophysical Survey performed on 12 contiguous claims in Geofrey Township, performed January 1-11, 1974

	-	-
TURAN		

John Junear	A. PORTAL	esesment Days
P-99223		40
99024		40
379916		40
361227		40
361226		40
381240		40
381241		40
387878		40
361243		40
367277		10
361245		40
361246		40
	Total	480 days

W H Hansen

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TIMMINS, ONTARIO

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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.

نــا		
Type of Survey	Geophysical Magnetic	
Township or Area_	Godfrey Twp.	
Claim holder(s)	Hollinger Mines Limited	MINING CLAIMS TRAVERSED
Claim noider(s)	Box 320, TIMMINS, Ontario.	List numerically
Author of Report	H.Z. Tittley	
Addressc/o		(prefix) (number)
Covering Dates of St	N 20/4 to too 0/ 200/	(prona)
	(linecutting to office)	See Attroped Idet
Total Miles of Line	cut56.7	See Attached List
SPECIAL PROVI		·
CREDITS REQU	ESTED Geophysical per claim	
**************************************	-Electromagnetic	
ENTER 40 days ( line cutting) for fi		
survey.	-Radiometric	
ENTER 20 days f	or each -Other	
additional survey	t de la companya de	
same grid.	Geochemical	
AIDRODNE CDED	ITS (Special provision credits do not apply to airborne surveys)	
	Electromagnetic Radiometric	
Magnetometer	(enter days per claim)	
- A 707	CIONAMUNE	
DATE:	SIGNATURE:Author of Report or Agent	
PROVINCES OF COLUMN		
PROJECTS SECTION	Qualifications 63.25/3	
Previous Surveys		
Checked by	date	
GEOLOGICAL BRA	ANCH	
Approved by	date	
GEOLOGICAL BR.	ANCH	
		TOTAL CLAIMS 54
Approved by	date	

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

#### GEOPHYSICAL TECHNICAL DATA

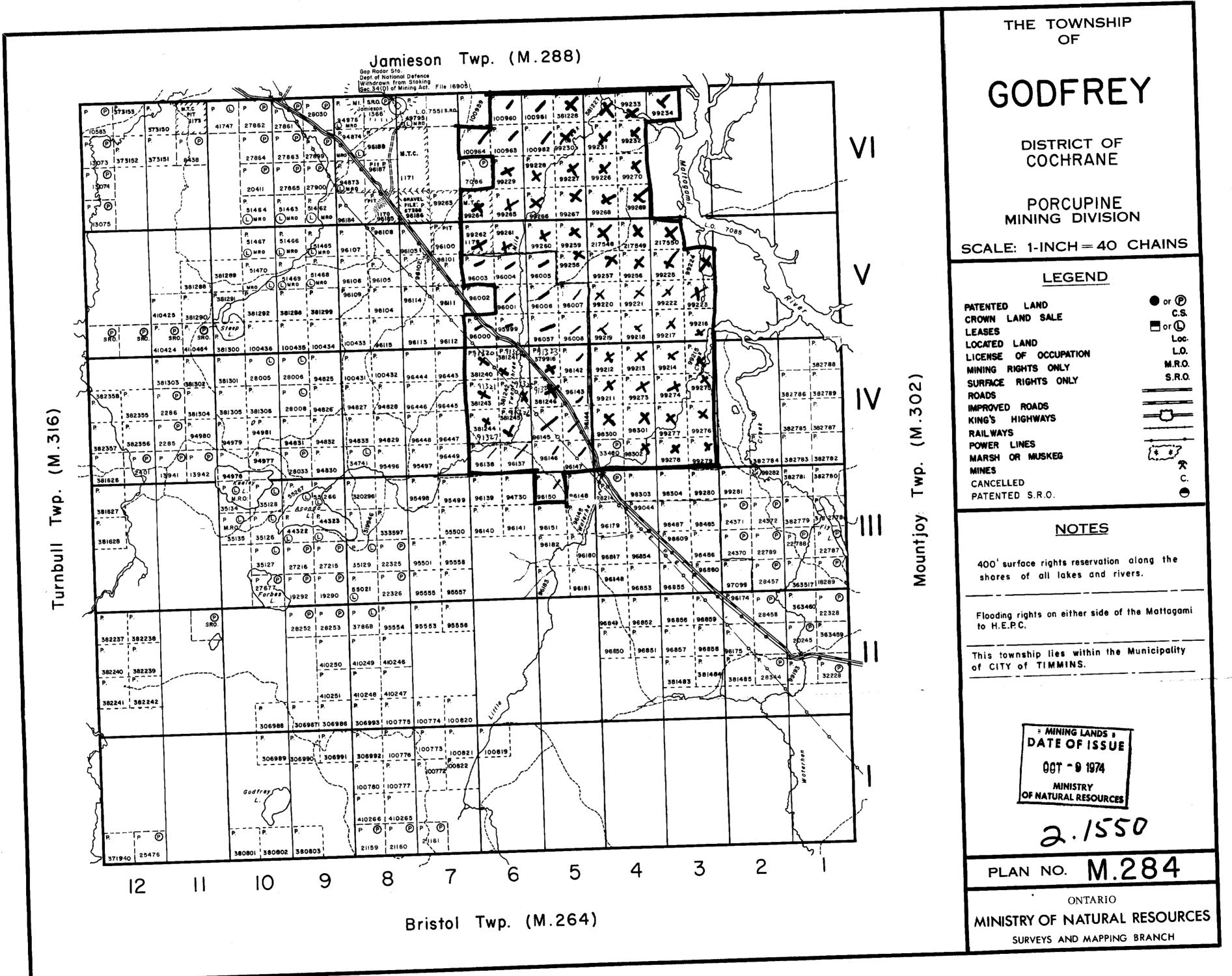
Statement showing Distribution of Associament Days as a result of a Geophysical Mag Survey (including line outting) on \$4 contiguous claims in Gedfrey Township, performed November to December 1968, July to November 1969, and Hereh 24 to April 10, 1979

Clain No.	Assessment Days	Claim No.	Assessment
P <b>-983</b> 00	40	7-99259	40
98301	40	99260	40
98)02	40	99261	10
96303	40	99062	40
96304	40	99864	40
99211	40	99265	40
99212	40	99266	40
9921.)	40	99267	40
99214	40	99268	40
99215	40	99269	40
99216	40	99270	40
99217	40	9927)	40
99218	40	99274	40
99219	40	99275	40
99230	40	99276	40
99221	40	99277	40
99222	40	99278	40
99225	40	99279	40
99226	40	99280	40
99227	40	99281	40
99228	40	99282	40
99229	40	217548	40
99230	40	217549	40
99231	40	217550	40
99232	40		
992))	40		
99234	40		
99256	40		20 HHansa
99257	40		•
99258	40		ROLLING

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63.2



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