

2.12890

Report on the Total Field Magnetic
Survey
and the VLF - EM Survey
Conducted on the Zavitz Township Property

for

TBS Resource Developers Inc.

Sault Ste. Marie, Ontario October 10, 1989

John R. Walmsley, B.Sc. Geologist



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INTRODUCTION

In the late spring of 1989, E.H. van Hees Geological Services Inc. was contracted by TBS Resource Developers Inc. to conduct an exploration program on a group of claims in the Porcupine Mining Division, District of Sudbury. The claims covered by the program, make up part of a larger claim block located in the south-east corner of Zavtiz Township and the south-west corner of Hincks Township.

The phase of the program covered by this report includes a Total Field Magnetic survey, and a two station VLF-EM survey. The surveys were carried out on a metric grid, and covered a total of 9 claims at the west end of the property.

This report describes the method and results of the program.

PROPERTY DESCRIPTION, LOCATION AND ACCESS

The TBS-Zavitz Property is located in both Zavitz and Hincks Townships and is comprised of thirty-two (32) claims. The claims in Zavitz Township are in the South Porcupine Mining Division, District of Sudbury, Northeastern Ontario; the claims in Hincks Township are in the Larder Lake Mining Division, District of Sudbury, Northeastern Ontario. The claims are approximately 32.5 km west-north-west of the town of Matachewan, and approximately 51.2 km south-south-east of the city of Timmins. See figures 1, 2 and 3 for property location.

A total of eight (8) contiguous claims were wholly and/or partially covered by the surveys described in this report. The claims involved are listed in Table 1. Abstracts for the claims can be found in Appendix A.

Table 1. Schedule of Claims

Claim #	Date Recorded	Assessment Due Date	Area
P 1027468 1027469 1027472 1027473 1027474 1027475 1027477	Oct. 28, 1987 Oct. 28, 1987 Oct. 28, 1987 Oct. 28, 1987 Oct. 28, 1987 Oct. 28, 1987 Oct. 28, 1987	0 days Oct. 17, 0 days Oct. 17	1988 40 acres 1988 40 acres 1988 40 acres 1988 40 acres 1988 40 acres 1988 40 acres
1027478	Oct. 28, 1987	0 days Oct. 17,	1988 40 acres

Note: Extensions were granted till the end of October, 1989, for filing of assessment work.

Access to the property is generally good, though during winter months area roads may not be plowed regularly. Several routes to the property exist. The simplest route begins in

Matachewan where highway 561 can be followed for approximately 30 km to the west. From here, a well used timber access road is followed for approximately 20 km further to the west to the Moray Lake turnoff on the north side of the road. This last road is followed for approximately 1.5 km to Moray Lake which is covered by the south part of the claim block.

A second route from Timmins exists and is actually the continuation of the road followed from the end of highway 561. Pine street in Timmins can be followed south from the city centre for approximately 5 km were it turns into a well used forestry access road. This road is followed for approximately another 55 km to the Moray Lake turnoff.

Another route can be followed by travelling the old
Langmuire Mine road south from the town of South Porcupine (west
of Timmins), past the Langmuire Mine and to the forestry access
road mentioned in the previous two routes.

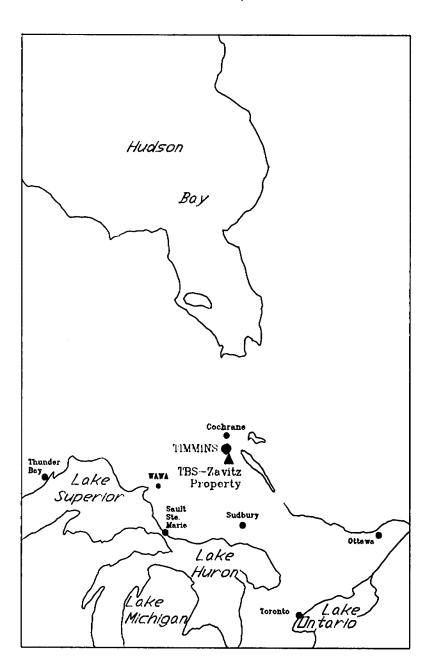


Figure 1. Regional Location Map

John Evalualy

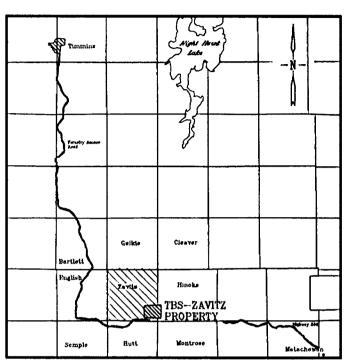
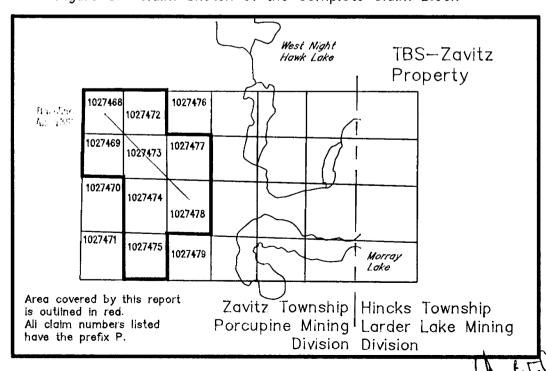


Figure 2. Property Location Map

Figure 3. Claim Sketch of the Complete Claim Block



TOPOGRAPHY AND RESOURCES

The ground covered by the eight (8) claims is generally of low relief with gently rolling sand eskers and local rock outcroppings. The south-west portion of the ground is generally dry with local swampy areas. The centre portion is both swampy and exposed rock. The north-east portion is generally swampy. Clay is the main soil type away from the sand eskers and drainage is generally to the east.

In the past, the area has been logged, and consequently trees are generally fairly young. Tree types vary depending on the ground conditions. In the south-west, the main tree types are spruce, jackpine and some scotch pine. In the centre, the main tree types are spruce and poplar. In the north-east, the main tree types are spruce, alders and poplar. Birch is also found throughout.

Other than tourism and trapping, little economic activity is apparent in the immediate vicinity of the property. Logging is still practised within the region but has already covered the claim block. The nearest industrial centres are the town of Kirkland Lake and the city of Timmins. Both centres have economies based primarily on mining and most resources necessary for mining and exploration can be found in either place. The nearby town of Matachewan is a past producing gold town and with limited resources.

SUMMARY OF PAST EXPLORATION

The property has seen a fair amount of activity in the past. A total of ten companies have explored the area, dating back to 1939. Exploration has found three (3) gold showings within the entire 32 claims. These showings have since been named the Fiset Showing, the Noranda Showing, and the Voyager Showing. The eight (8) claims discussed in this report cover the Voyager showing.

In 1964, Voyager Explorations Ltd., completed a geophysical program that involved an EM survey and a magnetometer survey on the Voyager Showing. The purpose of the surveys was to cover a massive sulphide zone discovered during logging operations (Tremblay, 1986). Follow up drilling, involving six (6) diamond drill holes totalling 1,819 feet, produced a significant assay of 0.33 ounces per ton over a length of 4.0 feet (Mazur, 1988).

Pan Ore Gold Mines Ltd. conducted a geophysical program on both the Voyager Showing and the Fiset Showing in 1974. Induced Polarization, electromagnetics and magnetics were completed. Follow up drilling did not involve the Voyager Showing.

Rio Tinto Canadian Exploration Ltd. drilled three holes in 1975 on the EM anomalies delineated by the Pan Ore surveys, under an option agreement with Pan Ore. Three other holes were drilled on the Fiset showing for a total of 2,940 feet.

Between 1978 and 1980, Newmont Exploration of Canada completed the most comprehensive program on the property

involving I.P., EM and total field magnetics. Seven holes totalling 1,422 metres were drilled, two of which were on the Voyager Showing.

The last activity on the property prior to the current program was completed by 635540 Ontario Inc., in 1985, but did not involve the Voyager Showing.

REGIONAL GEOLOGY

The region of the Zavitz property is located near the southern edge of the Abitibi Greenstone Belt, and was first looked at in significant detail by H. C. Rickaby in his 1932, Ontario Department of Mines Report Bannockburn Gold Area, which covered Zavitz and English Townships. It was remapped in 1972 by D. R. Pyke, along with several surrounding townships, and is described in his 1978, Ontario Geological Survey Report, Geology of the Peterlong Lake Area. A third examination was completed by E. G. Bright, in his 1968 Preliminary Map Number P.455 and in his 1984, Geological Survey Report, Geology of the Ferrier Lake - Canoeshed Lake Area, District of Sudbury, Ontario. The two most recent reports best describe the general geology of the region with Pyke's geology map number 2345 providing the best illustration for the region, and Bright's preliminary map for the township.

Quartz diabase dykes intrude all other rocks in the area.

These dykes strike generally north-east and are Middle

Precambrian in age (Pyke, 1978). They are succeeded by another phase of diabase intrusions during the Late Precambrian which are

distinguished from the earlier phase by being olivene rich and striking north-west.

The next youngest rocks of the area are a narrow band of Middle Precambrian (Huronian) sediments located east of the Zavitz property in Hincks Township. This band strikes north with flat to moderate, easterly dipping beds of greywacke, arkose, and conglomerate.

A third phase of diabase intrusions occurred in the Early Precambrian (Archean). These dykes have a general north-south strike.

Other intrusive rocks include gabbros and batholiths in the surrounding regions. The Peterlong Lake Complex is the dominant batholithic intrusion and is located well to the west of the property. Locally, the Geikie Pluton, north of the property has had a more direct effect. This pluton is most likely the source for syenite, felsic porphyries and diorite intrusives found within the claim block.

Both Pyke (1978), and Bright (1984), have decerned two cycles of volcanism. Both cycles consist of an underlying ultramafic unit overlain by a mafic unit, and topped by an intermediate to felsic unit (Pyke, 1978). Zavitz Township is underlain by the younger cycle, while the older cycle is exposed further to the west. The Halliday Dome, south of the property, is believed by Pyke (1978), to be the volcanic centre. Both cycles are Early Precambrian (Archean) in age and the overall stratigraphic trend is east-west.

See Table 2 for Table of Formations.

Table 2. <u>Table of Formations</u> (after D.R. Pyke, 1978)

PHANEROZOIC CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT
Clay, sand, gravel, swamp and stream deposits

UNCONFORMITY

PRECAMBRIAN

LATE PRECAMBRIAN

MAFIC INTRUSIVE ROCKS

Olivene Diabase

INTRUSIVE CONTACT

MIDDLE PRECAMBRIAN
MAFIC INTRUSIVE ROCKS
Quartz Diabase

INTRUSIVE CONTACT

HURONIAN SUPERGROUP

COBALT GROUP

Gowganda Formation

Greywacke, arkose, greywacke and argillite,

conglomerate

UNCONFORMITY

EARLY PRECAMBRIAN
MAFIC INTRUSIVE ROCKS
Diabase

INTRUSIVE CONTACT

FELSIC INTRUSIVE ROCKS

Porphyritic hornblende monzonite; porphyritic hornblende granodiorite; hornblende-biotite trondhjemite, biotite-hornblende trondhjemite, diorite and quartz diorite, biotite granodiorite, porphyritic hornblende diorite, leucocratic granodiorite and alaskite; quartz-feldspar porphyry, trondhjemite

Table 2. (Continued)

INTRUSIVE CONTACT

METAMORPHOSED MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS
Gabbro, gabbroic anorthosite, pyroxinite,
serpentinized peridotite, peridotite largely
altered to talc-carbonate, quartz gabbro

INTRUSIVE CONTACT

METAVOLCANICS AND METASEDIMENTS
Intermediate to Felsic Metavolcanics
Tuff and lapilli-tuff, volcanic breccia, massive and pillowed flows, variolitic flows, interlayered siltstone and greywacke, garnet-and-staurolite-bearing tuffs

Mafic Metavolcanics

Massive and pillowed flows, variolitic flows, tuff
and lapilli-tuff, volcanic breccia, amphibolized
and gneissic lavas, pyroxene spinifex-textured
flows, tremolitic-(low Fe) bearing flows and
pyroclastic rocks

Ultramafic Metavolcanics

Massive polysutured serpentinized peridotite,

spinifex textured flows, tuff and lapilli-tuff,

cummingtonized flows, steatized and carbonatized

peridotite

The area is pervaded by numerous folds due primarily to the large batholithic complexes and plutons. The main structure in the immediate vicinity of the property is a large, east to northeast striking syncline located to the north-west. A lesser anticline, striking north-north-east has been interpreted by Bright (1968), just north of the claim boundary and south of the syncline. Other, lesser synclines and anticlines are indicated by Pyke (1978), to be present across the claim block.

Two main faults are present to the west of the property.

The Burrows-Benedict Fault is the closer of the two and is a

major north-south striking break that can be traced northward through the Timmins gold camp (Tisdale Township). Further to the west is the Scott Lake Fault which strikes to the north-west with dextral displacement (Pyke, 1978). Two north-west striking faults bound the property on the north-east and south-west sides (the latter may have some influence on the Voyager Showing). The western fault is dextral and the eastern fault is sinistral (Pyke, 1978).

See Figure 4 for a representation of the regional geology.

PROPERTY GEOLOGY

Bedrock exposure on the property is poor, less than 10%, and restricted to the north-west end of the property grid.

H. Tremblay best describes the property geology in his 1986 report based on geological mapping, diamond drilling and geophysics conducted by Newmont Exploration of Canada Ltd. in 1980. Tremblay records the stratigraphy of the Voyager Showing as striking north-north-west primarily based on pillow tops. The units from north to south are described to be; ultramafic to mafic volcanics with intercalated mafic tuffs, intermediate to felsic tuffs and argillites (underlying most of the showing); intercalated graphitic tuffs and argillites with some volcanic flows (south of the showing); and ultramafic volcanics with some intermediate to felsic volcanics (south edge of the total claim block).

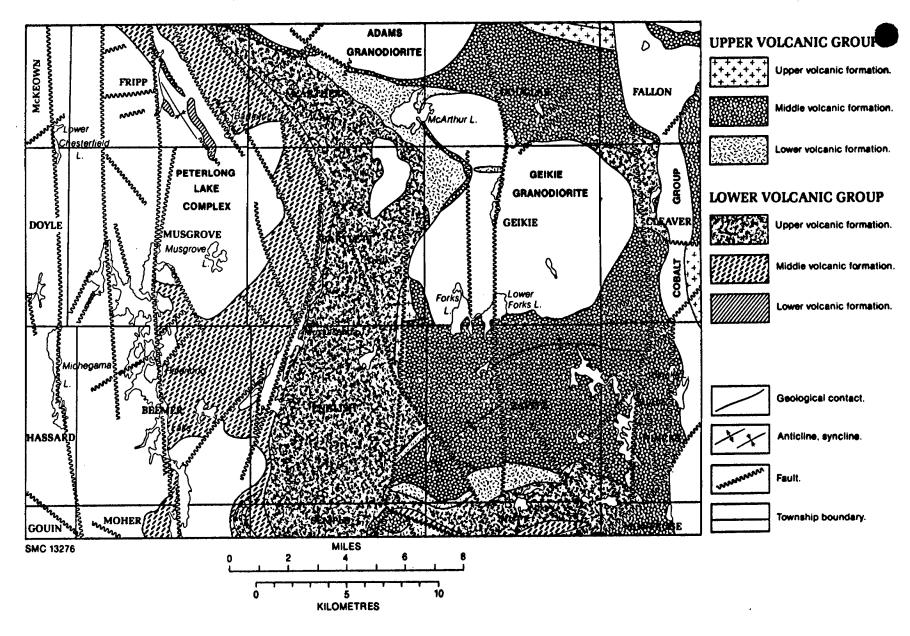


Figure 4. Regional Geology of the TBS-Zavitz Property (After D.R. Pyke, 1978)



Syenite and diorite plugs are the most likely source for the dykes and dykelets of similar compositions found throughout the showing. Syenite is exposed in the north-west corner while a diorite plug is interpreted from past geophysics to the southeast. These plugs are believed to strongly affect stratigraphic attitudes (Tremblay, 1986).

Tremblay, using geophysical trends delineated from the Newmont I.P and magnetic surveys, along with pillow tops from Newmont's mapping and graded bedding from a Newmont diamond drill hole, an anticline as striking west-north-west across the Voyager section of the property with its axis just to the south-east. This complies with Bright (1968), who interprets an anticline on the west side of the western property fault and along strike from Tremblay's fold.

Also interpreted from geophysics is a north-west striking fault traversing the claim block just to the north-east of the Voyager Showing. This fault may mark a contact between the volcanic sequence described above and an extension of the syenite plug also described above (Newmont Geology Map, 1980).

METHOD OF SURVEYS

A metric grid was established across the Voyager Showing to provide control for both geophysical surveys and geological surveys. Lines were cut on 100 metre centres with lines on 50 metre centres across most of the central section. The baseline has an azimuth of 135° with gridlines running perpendicular to this. Stations are marked with standing pickets every 25 metres along the gridlines and every 50 metres along the baseline.

The instrument used for both the total field magnetic survey and the VLF - EM survey was a Scintrex IGS IV. This instrument is computer driven and provides automatic storage of data within its memory. Although it also allows the simultaneous recording of 2 magnetic readings (gradient and total field), and up to three station VLF readings, the mag survey was completed on different traverses from the VLF in order to meet assessment requirements. During both surveys the operator was Bruce Pigeon of Timmins, Ontario. The surveys were completed between the beginning and end of June, 1989.

Specifications for the Scintrex Integrated System can be found in Appendix B.

The magnetic survey recorded total field magnetic data. A total of 529 readings were taken with the operator always looking north at stations every 25 metres and with readings every 12.5 metres when an anomalous area was discerned. A base value of

58,000 nT's was assigned the instrument for tuning but was not subtracted from the recorded values.

A second Scintrex magnetometer was used as a base station to provide data for diurnal drift corrections. This instrument is equipped with a cycling mode that was set to take and store readings every 5 seconds. The base station was set up off the grid to the south-east, away from any magnetically anomalous areas.

At the end of each day's survey, both the field mag and the base station mag were cabled together and the readings were automatically corrected for diurnal drift. The corrected data was then "dumped" from the field mag onto a computer. Utilizing Geopak's geophysical software, data from the completed survey was then compiled and a contour map was produced at a scale of 1:2500. Contour intervals vary between 50 nT's and 100 nT's in order to enhance anomalous trends.

The VLF - EM survey was carried in much the same way as the mag survey with a similar number of readings. Readings were taken every 25 metres with 12.5 metre stations where required. Two transmitting stations were read at each station during the same traverse. The stations read were Cutler, Maine (NAA, frequency 24.0 KHz) and Annapolis, Maryland (NSS, frequency 21.4 KHz). Both stations were read with the operator looking towards the transmitting tower which is the equivalent to the 90° rotation to the north for NAA and to the east for NSS when using an EM-16 VLF receiver.

Data was dumped at the end of each day on to a computer. At the end of the completed survey, the data was compiled with Geopak's geophysical software and profile maps (with both inphase data and quadrature data profiles on each map) for both transmitting stations were produced at a scale of 1:2500 and a profile scale of 1 cm = 5%. The in-phase data was also subjected to a low pass filter calculation (Fraser Filtering). This manipulated data was then contoured and plotted on maps at a scale of 1:2500, and a contour interval of 10%, using Geopak's software. Only the positive values of the Fraser Filter data were contoured.

RESULTS

Several geophysical anomalies were delineated by the program and correlation between the two types of surveys appears to be good in most cases. The correlation is between magnetic highs and VLF Fraser Filter highs.

The mag results are fairly spotty on the north-west end of the grid with several one station anomalies defined. Most of these are most likely caused by unsettled diurnal magnetic activity.

Overall, there appears to be a district "geophysical contact" which is marked by a magnetically high ridge (Anomaly "A") that strikes south from the north-west corner of the grid to a point on the baseline at line 150 South where the ridge bends

sharply to the south-east. North-east of this ridge the magnetic background area is about 200 nT's above magnetic background of the area to the immediate south-west of the ridge, and 100 nT's above the magnetic background of the area further to the south-west.

A small "nipple" strikes north-west along the baseline from the bend in the ridge at line 150 South. From this nipple another magnetic high branches off and can be traced north-westward to line 150 North (Anomaly "B"). Two strong magnetic lows flanking this high are most likely caused by a magnetic storm. Anomaly "B" and the south-east extent of Anomaly "A" may be one continuous anomaly as depicted by the VLF results.

The strongest magnetic anomaly is located on line 800 South between 500 West and 600 West (Anomaly "C"). Being on the edge of the grid and consequently having little information, it is difficult to determine the strike of the anomaly but a north-east strike is indicated.

A fourth magnetic anomaly (Anomaly "D") may exist and extend from line 200 North at 300 West to an intersection with anomaly "A" at the baseline on line 300 South. This anomaly is not continuous though this may only be due to the lack of readings across the pond on line 100 South.

The VLF results are best illustrated by the Fraser Filter contour maps. The "strongest" Fraser Filter anomaly is coincident with the magnetic anomaly "B" and the south-eastern extent of anomaly "A". It is the strongest anomaly on both Annapolis and Cutler frequencies and appears to be more

consistent than the magnetic data shows. It can be traced from line 100 North, south-east along the baseline to line 500 South on the Cutler Fraser Filter contour map, and from line 0 north (and possibly line 200 North) to line 500 South on the Annapolis Fraser Filter contour map. The strongest part of the VLF anomalies are on line 0 North, just south of the baseline. From line 0 North to line 100 North, the anomaly takes a sharp bend and strikes westerly on the Cutler map. This is less apparent on the Annapolis frequency.

The northern extent of magnetic anomaly "A" has a correlated VLF Fraser Filter high on the Annapolis frequency. This anomaly is narrow at the intersection with anomaly "B" on line 250 West, and broadens along strike to the north.

A Fraser Filter high on the Culter frequency is coincident with the "spotty" magnetic anomaly "D". This anomaly starts at an intersection with anomaly "A" on line 300 South, south of the baseline, and strikes westerly off the grid at line 100 North. The Geopack contouring software extrapolated the data across the pond on line 100 South, and appears to indicate a more continuous anomaly than the magnetic data does.

Two more anomalies (Anomalies "E" and "E'") can be delineated from the VLF data on both stations but do not have a readily apparent associated magnetic anomaly. Both anomalies are strongest on the Annapolis frequency. Anomaly "E" strikes south-south-east from line 300 North at 225 West to where it intersects anomaly "D" on line 50 North at 300 West. Anomaly "E'" strikes

south-south-east from where it intersects anomaly "D" on line 100 South at 225 West to 250 South at 250 West.

DISCUSSION, CONCLUSIONS AND RECOMMENDATIONS

The geophysical surveys described in this report have defined a total of six (6), significantly anomalous areas discussed below:

Anomaly "A" - This anomaly is a magnetic ridge with readings significantly higher than the flanking background readings. It appears to indicate a "geophysical contact" between slightly higher background readings to the east from the readings to the west. As indicated by the Preliminary Map of Zavitz Township (Bright, 1968), an ultramafic unit has been interpreted from field observations to the north of the property. Bright puts the contact between the ultramafics and the mafics of the TBS-Zavitz Property north of the claim block. The higher readings north of Anomaly "A" may however indicate that the contact is actually just north of the Voyager Showing, on the property, and that the "geophysical contact" is actually a geological contact.

The ridge itself is associated with a fairly strong VLF anomaly on the Annapolis station in the northern extent, and both frequencies on the south-east extent. This would indicate that the magnetic high is probably caused by more than just the ultramafic/mafic contact and that possibly significant mineralization is concentrated along the contact. The fact that a magnetic high is associated with the Fraser Filter high could indicate that the mineralization is at least in part pyrrhotite. The lack of a significant associated Cutler anomaly is most likely due to the anomaly's attitude.

Anomaly "B" - This appears to be a "offshoot" extending from Anomaly "A" and striking north-west. It is delineated by both VLF stations and it has an associated magnetic high (the latter being less continuous than the VLF). As with Anomaly "A", this correlation probably indicates mineralization as the cause, with pyrrhotite again being present. The fact that past reports place trenches near line 0 North at the baseline, (which is coincident with the strongest part of the anomaly), and that these trenches are reported to have exposed a massive sulphide zone of pyrite and pyrrhotite, tends to support this theory. It is not possible to tell if the linear nature of the anomaly indicates a mineralized fault zone, or the axis of a fold.

The VLF profiles for this anomaly become broad and low south-east of line 0 North. This most likely indicates that the

mineralized structure is plunging in that direction.

Anomaly "C" - This anomaly is a strong magnetic high without an associated VLF anomaly, located at the south-west end of line 800 South. Because of limited information on this anomaly, little interpretation can be made. It may be a diabase dyke or the diorite plug that is mentioned in the literature.

Anomaly "D" - The VLF station Cutler best delineates this anomaly. The associated magnetic anomaly is spotty, and Annapolis apparently did not pick it up (probably due to the anomaly's attitude). This is a moderately weak conductor but the associated magnetic high again suggests mineralization, most likely pyrite and pyrrhotite. What is most obvious about this anomaly is the apparent dextral offset of anomalies "E" and "E'" along the eastern strike of "D". This would indicate that the anomaly is most likely a mineralized fault.

Anomalies "E" and "E'" - These two anomalies are probably the same feature, displaced by anomaly "D". Newmont drilling results indicate graphitic argillites and tuffs underlie this area. The lack of a significant magnetic high, and the general north-west strike which is concordant to this part of the property's stratigraphy seem to support Newmont's findings.

It should be noted that on all the geophysical maps, all the anomalies (except for "C"), appear to "peter" out to the southeast and to the north-west. The cause for this is most likely due to increased overburden depths.

With the above in mind, it can be concluded that: 1) Anomaly "B" along with the south-eastern extent of anomaly "A" are the most important anomalies delineated by this program and that the entire length of anomaly "A" may discern a geological contact between ultramafic volcanics to the north and mafic volcanics to the south; 2) that the north-eastern part of the property is most likely underlain by ultramafic volcanics; 3) that there is not enough information provided by this program about anomaly "C" to

determine its cause; 4) anomaly "D" is most likely a mineralized, dextral fault zone that 5) displaces a graphitic argillite/tuff unit at the southern boundary of the mafic volcanics (anomalies "E" and "E'").

Followup exploration programs are warranted for this part of the TBS-Zavitz Property. Significant mineralization is indicated both by this program and previous programs conducted by other companies, with some gold values having been recorded. The extent of mineralization could also indicate a source for base metals.

Future programs should include followup Max-Min and/or Induced Polarization surveys, geological mapping/prospecting, stripping with channel sampling to try and expose the anomalies on surface, and diamond drilling.

Sault Ste. Marie, Ontario October 10, 1989 Respectfully Submitted,

John R. Walmsley, B.Sc. Geologist

Qual 2.396 (

CERTIFICATE

With reference to my report on the exploration program conducted on the TBS-Zavitz Property for TBS Resource Developers Inc., dated October 10, 1989

I John R. Walmsley, of the City of Sault Ste. Marie, do hereby certify the following to be true and accurate to the best of my knowledge:

- 1) That I received my Geological Engineering Technician papers from the Sault College of Applied Arts and Technology in 1980,
- 2) That I received a B.Sc. degree in Earth Science, Geology Major, from the University of Western Ontario in 1984,
- 3) That I have been employed by various exploration companies since 1978,
- 4) That I am the author of the corresponding report, and have been actively exploring in the Timmins area for seven (8) of the past ten (11) years,
- 5) That I have no interest, direct or indirect, in the thirtytwo claims comprising the property described in this report,
- 6) That I hold no interest or shares in the companies holding the property nor do I expect to receive such interest or shares in the future.

Dated this 10th day of Oct., 1989 Sault Ste. Marie, Ontario.

John R. Walmsley, B.Sc. Geologist

Qual 2.3966

REFERENCES

Bright, E.G.; Geology of the Ferrier Lake - Conceshed Lake Area, District of Sudbury, Ontario, Geological Survey Report 231, 60 pp. (1984).

MacRae, W.; Diamond Drill Summary Report, Allerston Zavitz Township Property, Larder Lake Mining Division, Internal Report, Newmont Exploration of Canada Limited, February, 1981.

Mazur, V.A.; Geological Compilation Report on the Allerston Zavitz Property, Zavitz and Hincks Townships, Porcupine and Larder Lake Mining Divisions, Ontario, March, 1988.

Pyke, D.R.; Geology of the Peterlong Lake Area, Districts of Timiskaming and Sudbury, Ontario Geolgical Survey Report Number 171, Map Number 2345, 1978.

Tremblay J.H.; Report on the Allerston Zavitz Property for 635540 Ontario Inc., Internal Report, MPH Consulting Limited, January, 1986.

Appendix A

Claim Abstracts



Mining Claim

Entered 113 Checked B

Claim No.

10.0	
P-	1027468

1027468

Ontario	Minin	ng Act				P-1027468		
Recorded in the Name of		Licence No.		Receipt No.	Date Recorded			
Daniel Bienias		M-212	89		October 28	October 28, 1987		
Address		4			Date and Time of S	taking	Р.Т.	
289 B Pine South, Timmins, Ont.					Oct. 17/87 AT 8:00		x	
Office Use Only	Days Description of Claim							
Assessment Work Credits Assigned to other Claims	Recorded	Balance] ·ZA\	ITZ TOWNS	HIP - M 1189			
			Reserv	ations - 400 foot Sand, gra	Surface Rights reserva	tion around all lakes	and rivers	

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.50174))
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1989	
		SWhite	
		Mining Recorder PORCUPINE MINING DIVISION	
		e d	



Mining Checked

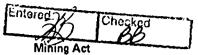
Claim No.

Ontario	Minir	ng Act					P-1027469	
Recorded in the Name of Daniel Bienias		M-212		Receipt No.	Date Reco	ber 28	, 1987	· · · · · · · · · · · · · · · · · · ·
289 B Pine South, Timmins, Ont.				<u> </u>		17/87 10:15	•	P.T.
Office Use Only	Days	ays Balance		tion of Claim /ITZ TOWNSH		1100		
			Reserv	ations - 400 foot Sand, gra	Surface Righ vel and peat (on around all lak	es and rivers.
·						[File No. 1027468	

Oct. 17/88 (OC5) Commissioner extends time until a including July 31, 1989 for work and fi thereof. This Abstract is a copy of the entries in the Record Book and is not to be considered as Record Book and is not to the claim. ANY 18 1969 Mining Recorder PORCUPINE MINING DIVISION	Receipt No.
This Abstract is a copy of the entitled as Record Book and is not to be considered as Record Book and is not to be considered as assurance of the validity of the claim.	ling
18 1989 White	08806.5017 4)
Mining Recorder PORCUPINE MINING DIVISION	
MINITA RECORDE PORCUPINE MINING DIVISION	



Mining Claim



P-1027470

Recorded in the Name of Daniel Bienias		M-212		Receipt No.	Date Recorded . October 28, 1987
289 B Pine South, Timmins, Ont.				1	Date and Time of Staking P. Oct. 17 /87 AT 12:20 pm
Office Use Only	Days	2.1		tion of Claim	17D M 1300
Assessment Work Credits Assigned to other Claims	Recorded	orded Balance	. ZAA	ITIC IOMNO!	IIP - M 1189
			Reserva		Surface Rights reservation around all lakes and rivel and peat reserved. File No. 1027468

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.50174)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAX 18 1989 White Profession Mining Division	
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Mining Entered Claim Checked

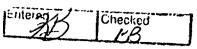
Claim No.

Ontario	Minir	ng Act				P-1027471	
Recorded in the Name of		Licence N	lo,	Receipt No.	Date Recorded		
Daniel Bienias		M-212	289		October 2	8, 1987	
Address		<u> </u>		<u> </u>	Date and Time of S	-	
289 B Pine South, Timmins, Ont.					Oct. 17/8 AT 3:00		
Office Use Only	Days			otion of Claim			
Assessment Work Credits Assigned to other Claims	Recorded Balanc		ZA	VIIZ IUWNSI	HIP - M 1189		
			Reserv	ations - 400 foot Sand, gra	Surface Rights reserva	ation around all lakes and rivers	
			INC	CLUDING LAN	ND UNDER WATER	R	
						File No.	
1	1		1			1027468	

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. This Abstract is a copy of the entries in the Record Book and is not to be considered as Resord Book and is not to be considered as assurance of the validity of the claim.)
		Mining Recorder PORCUPINE MINING DIVISION	
	!	PORCUPINE MINING DIVISION	
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Mining Claim



Mining Act

Claim No. P-1027472

Wilning Act						
		1 .	Date Recorded October 28, 1987			
	<u> </u>		Date and Time of Staking P.T. Oct. 18 /87 AT 7:05 am X			
Days	T	Description of Claim				
	Balance	• ,ZAVITZ TOWNSHIP - M 1189				
			Surface Rights reservation around all lakes and rivers. AD File No. 1027468			
	Days	Licence N M-212	Days Recorded Balance Description of Claim , ZAVITZ TOWNS Reservations - 400 foot Sand, gra			

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. This Abstract is a copy of the entries in the CO8806.50174)
		This Abstract is a copy of the entities in the considered as Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1989	
		Mining Records: PORCUPINE MINING DIVISION	
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Mining Entered Claim Checked 83

Claim No.

Ontario	Minir	ng Act				P-1027473
Recorded in the Name of Daniel Bienias		Licence No. M-21289		Receipt No.	Date Recorded October 28, 1987	
289 B Pine South, Timmins, Ont.		<u> </u>			• Oct. 18/8	<u> </u>
Office Use Only	Days	Balance		tion of Claim	HIP - M 1189	
Assessment Work Credits Assigned to other Claims	1					
					vel and peat reserved.	ation around all lakes and rivers.
		; ; ;				File No. 1027468

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.5017	4)
	·	This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1989	
		Mining Recorder PORCUPINE MINING DIVISION	
		POHCUFTRE WINTING DATE	
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Mining Act

Claim No.
P-1027474

	*******	.9				
Recorded in the Name of Daniel Bienias	.*	M-212		Receipt No.	October 28	3, 1987
289 B Pine South, Timmins, Ont.				<u> </u>	. Oct. 18 /87 - AT 11:15	1
Office Use Only	Days	Ι		tion of Claim	UZD W 3300	
Assessment Work Credits Assigned to other Claims	Recorded	Balance	ZA	ATIS TOWNS	HIP - M 1189	
			_	ations - 400 foot Sand, gra KCLUDING RO	vel and peat reserved.	File No.

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.50174)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as Resord Book and is not to be claim.	
		MAX 18 1989	
		Mining Recorder PORCUPINE MINING DIVISION	
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Mining Claim

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Claim No.

Ontario	Minir	ng Act			'	P-1027475
Recorded in the Name of Daniel Bienias		Licence N M-212		Receipt No.	October 28	s, 1987
289 B Pine South, Timmins, Ont.		1			Date and Time of St . Oct. 18 /87 . AT 1:30	'
Office Use Only	Days Recorded	Balance		tion of Claim	HIP - M 1189	
Assessment Work Credits Assigned to other Claims			Reserv		Surface Rights reservativel and peat reserved.	ion around all lakes and rivers
	,					1027468

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.5	0174)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		White	
		Mining Recorder PORCUPINE MINING DIVISION	
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Mining Claim

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Claim No. P-1027476

Ontario	Minir	ng Act			P-102/4/0		
Recorded in the Name of		Licence N	10.	Receipt No.	Date Recorded		
Daniel Bienias		M-212	289		October 28, 1987		
Address					Date and Time of Staking P.1.		
289 B Pine South, Timmins, Ont.					- Oct. 19 /87 - AT 7:15 am X		
Office Use Only	Days	Balance	1	otion of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	38781100	. ZA	VITZ TOWNS	HIP - M 1189		
					oot Surface Rights reservation around all lakes and rivers. gravel and peat reserved.		
			, E)	CLUDING R	OAD		
		ì			File No.		
					1027468		

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.50176)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1929	
•		Mining Facorder PORCUPINE FAINING DIVISION	
		PONCO. III.	
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Mining Entered Claim

Claim No. P-1027477

	14111111	ig Act				F-102/4//	
Recorded in the Name of		Licence N	lo.	Receipt No.	Date Recorded		
Daniel Bienias		M-212	289		October 28	, 1987	
Address		·		-	Date and Time of Sta	aking	Р.Т.
289 B Pine South, Timmins, Ont.	·				Oct. 19 /87 AT 9:20 a		_ x
Office Use Only	Days	Balanca		otion of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	Balance	-ZA 	VITZ TOWNS	HIP - M 1189		
							and rivers.
						File No. 1027468	

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (08806.5017	(
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1989	
		Mining Recorder PORCUPINE MINING DIVISION	
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Claim No. D_1027470

Ontario	Mini	ng Act				P-102/4/8	
Recorded in the Name of Daniel Bienias		M-212		Receipt No.	Date Recorded October 28	, 1987	
289 B Pine South, Timmins, Ont.		•			Date and Time of St - Oct. 19 /87 AT 11:30	-	P.T.
Office Use Only	Days Recorded	Balance		tion of Claim	HIP - M 1189		
Assessment Work Credits Assigned to other Claims			-		Surface Rights reservativel and peat reserved.	ion around all lakes a	and rivers.
						File No. 1027468	

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for the entries in the thereof. This Abstract is a copy of the entries in the Record Book and is not to be considered as Record Book and is not to be claim.	4)
		This Abstract to be considered. Record Book and Is not to be claim.	
		Mining Receiver PORCUPINE MINING DIVISION	
•		PORCUPINE MINING	
			: :



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Claim No.

P-1027479

Ontario	Mintr	ng Act				P-1027479
Recorded in the Name of Daniel Bienias		M-212		Receipt No.	Date Recorded October 28	
289 B Pine South, Timmins, Ont.					Date and Time of St Oct. 19/87 'AT 2:00	
Office Use Only Assessment Work Credits Assigned to other Claims	Days Recorded	Balance	1	ition of Claim /ITZ TOWNS	HIP - M 1189	
					vel and peat reserved.	ion around all lakes and rivers.
						1027468

Date	Days Work		Receipt No.
Oct. 17/88	-	(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	1)
		MAY 18 1989 Mining Recorder PORCUPINE MINING DIVISION	
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Claim No. P=1027480

Ontario	Minir	g Act			P-1027480
Recorded in the Name of Daniel Bienias	· · · · · · · · · · · · · · · · · · ·	M-212	Receipt No.	Date Recorded October 28	, 1987
'289 B Pine South, Timmins, Ont.				Oct. 20 /87 AT 9:00	·
Office Use Only	Days Recorded	Balance	tion of Claim	IIP - M 1189	
	,		Sand, grav	Surface Rights reservativel and peat reserved. D UNDER WATER	ion around all lakes and rivers.
					File No. 1027468

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.5017	4)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAX 18 1989	: :
,		PORCUPINE MINING DIVISION	
			:
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Claim No.

File No.

1027468

Ontario Mining Act P-1027481

Recorded in the Name of Daniel Bienias M-21289 Date Receipt No. October 28, 1987

Address Date and Time of Staking P.T.

Oct. 20/87

AT 10:15 am X

Office Use Only

Assessment Work Credits Assigned to other Claims

Days
Recorded

Balance

-ZAVITZ TOWNSHIP - M 1189

Reservations - 400 foot Surface Rights reservation around all lakes and rivers.
Sand, gravel and peat reserved.

1NCLUDING LAND UNDER WATER

Days Work Receipt No. Date (OC5) Commissioner extends time until and including July 31, 1989 for work and filing Oct. 17/88 thereof. (08806.50174)This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim. Mining Recorder PORCUPING MINING DIVISION



Mining Entered R Checked 88

Claim No.

Onano	Minin	ig Act				P-1027482
Recorded in the Name of Daniel Bienias		M-212		Receipt No.	Date Recorded October 28	1987
289 B Pine South, Timmins, Ont.					Date and Time of St	-
200 bittle 30uch, ithmittis, onc.					Oct. 20 /87 AT 1:00 p	om X
Office Use Only	Days	D-1		tion of Claim		
Assessment Work Credits Assigned to other Claims	Recorded	Balance	ZAV	ITZ TOWNS	IIP - M 1189	
				Sand, gra	vel and peat reserved. D UNDER WATER	ion around all takes and rivers.
						File No. 1027468

Date	Days Work		Receipt No.
Oct. 17/88		(OC5) Commissioner extends time until and including July 31, 1989 for work and filing thereof. (O8806.5017)	1)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1989 Which Mining Recorder PORCUPINE MINING DIVISION	
		PORCUPINE MINING DIVISION	
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ntario		Claim	Minin	g Act			P-108785)
RICHARD BR		CALLISTER			M-23728	October	17, 1988	
dress 124 Tamara		· · · · · · · · · · · · · · · · · · ·	ins, O	ntari		Oct. 6/88 AT: 11:0	Staking	P.
0	ffice Use O	nly	Days	Balance	Description of Claim			
Assessment Work Cre	dits Assign	ed to other Claims	Recorded	Constitution	ZAVITZ TOW	NSHIP M-11	89	
					Reservations - 400 foot (Sand, grav	Surface Rights reserva el and peat reserved.	ation around all lake	s and riv
							File No.	
,,,							R8806.50	263
Date	Days Work							
Oct. 17/8	Work				ter (M-23728) pany (A-17527		100% to (T8806.50	214)
	Work		Nickel	Comp		the		214)
	Work		Nickel	Comp	s a copy of the entries in	the l		214)

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Mining Claim

Mining Act

Claim No.

P-1087851

TITCTED			Licence No.	Date Recorded	17 1000	
DDISIEK			M-23120		•	
	_				-	P.1.
et, Timm	ins, O	ntari	. 0	•		
				AT: 13:0	0 0	×
	Days	D-1	Description of Claim			
other Claims	Recorded	Balance	ZAVITZ TOWN	SHIP M-13	189	
						and rivers.
			INCLUDNG LA	AND UNDER V	WATER	
					File No.	
					R8806.502	63
	et, Timm	et, Timmins, O	et, Timmins, Ontari	Days Recorded Balance ZAVITZ TOWN Reservations - 400 foot S Sand, grave	Date and Timo of S Oct. 6/80 AT: 13:0 Days Recorded Balance ZAVITZ TOWNSHIP M-1: Reservations - 400 foot Surface Rights reserved.	Date and Time of Staking Oct. 6/88 AT: 13:00 Days Recorded Balance ZAVITZ TOWNSHIP M-1189 Reservations - 400 foot Surface Rights reservation around all lakes Sand, gravel and peat reserved. INCLUDNG LAND UNDER WATER File No.

Date	Days Work	
Oct. 17/88		(T10) Brent McAllister (M-23728) transfers 100% to Canadian Nickel Company (A-17527). (T8806.50214)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.
		MAY 18,1989 White
	a dalam da	Mining Recorder PORCUPINE MINING DIVISION



Ministry of Northern Dev and Mines	elopment	Mining Claim	Minir	ng Act				Claim No. P-108785	· 2
Recorded in the Name of RICHARD BR		CALLICTED			Licence	No.	Date Recorded	7 1000	
Address	CIAT IM	CALLISTER	····		M-2	3120	October 1		P.T.
124 Tamara	ck St	reet, Timm	ins, O	ntari	io		Oct. 6/88 AT: 15:0	3	x
Of	ice Use O	nly	Days		Description of	Claim		**** · · · · · · · · · · · · · · · · ·	
Assessment Work Cred	its Assigne	ed to other Claims	Recorded	Balance	ZAVITZ TOWNSHIP M-1189			189	
							iurface Rights reserva el and peat reserved.	File No.	
Date	Days Work			 					
Oct. 17/88		Canadian	Nickel	Comp		7527 in the red as	transfers	100% to (T8806.50	214)

Date	Days Work	
Oct. 17/88	-	(T10) Brent McAllister (M-23728) transfers 100% to Canadian Nickel Company (A-17527). (T8806.50214) This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.
		MAY 18-1989 White Mining Recorder PORCUPINE MINING DIVISION
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Ministry of Northern Development

Mining Claim

Ontario and Mines		Oldilli.	Agint.	ng Act				l l	Claim No. D. 100550	
Recorded in the Name	of		1431131	ig Act	10	icence No.	Date Reco		P-108758	
RICHARD BE	RENT MO	CALLISTER			- 1	M-23728			7, 1988	
Address			^				I		king	P.
124 Tamara	ack St	reet, Timmi	ins, U	ntarı	0		Oct.	5/88 15:00		,
(Office Use O	nly	Days			on of Claim	1	13100		
Assessment Work Cr	edits Assigne	ed to other Claims	Recorded	Balance	ZAV	ITZ TOWN	SHIP	M-118	9	
		•	1		Reservation	ons - 400 foot S	urface Right	s reservation	on around all lai	ces and ri
						5				
				ši						•
								ļ	ile No.	
				<u> </u>					R8806.5	0263
Date	Days Work									
Oct. 17/8		(T10) P	4. 1/.	A 1 1 4	4 /1	4 222201			1000	
OCC. 1170		(T10) Bre	Nicke	l" Com	ter (1 pany (M-23728) (A-17527	trans	iers	100% to (T8806.5	0214
tra last a a constant and an analysis and a substitution of the su		· ·			-					
		Γ-	Inis Abelia	Albaco	TO OF THE B	insidered as claim.				
a militario di silificio confidenziale y completa di anti biologica di accidenzia di a			Record Bus assurance	of the val	light of the	ciaim.				
				MAY 1	18 1989.		1			
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Mining Claim

Claim and Mines Claim No. Ontario Mining Act P-1087588 Recorded in the Name of Licence No. Date Recorded RICHARD BRENT MCALLISTER October 17, 1988
Date and Time of Staking M-23728 124 Tamarack Street, Timmins, Ontario Oct. 5/88 AT: 13:00 x Description of Claim Office Use Only Days Balance Assessment Work Credits Assigned to other Claims Recorded ZAVITZ TOWNSHIP M-1189 Reservations - 400 foot Surface Rights reservation around all lakes and rivers Sand, gravel and peat reserved. INCLUDING LAND UNDER WATER Ella Na

			R8806.50263
Date	Days Work		
Oct. 17/88		(T10) Brent McAllister (M-23728) trans Canadian Nickel Company (A-17527).	fers 100% to (T8806.50214)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
	man san divisio adi.	MAY 18 1989,	
	· · · · · · · · · · · · · · · · · · ·	Mining Recorder PORCUPINE MINING DIVISION	
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Ministry of Northern Development and Mines Mining Claim					Claim No.	
Ontario	Minin	g Act			P-108758	9
Recorded in the Name of RICHARD BRENT MCALLISTER			Licence No. M-23728		-	
Address 124 Tamarack Street, Tim	mins, Or	ntario)	Oct. 5/88 AT: 11:0	•	
Office Use Only Assessment Work Credits Assigned to other Claim	Days Recorded	1	Description of Claim ZAVITZ TOWN	SHIP M-11	89	
	i i	i i				
			Reservations - 400 foot S Sand, grav	ourface Rights reserva el and peat reservad.	ation around all lake	s an

Date	Days Work	
Oct. 17/88		(T10) Brent McAllister (M-23728) transfers 100% to Canadian Nickel Company (A-17527) (T8806.50214) This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim. MAY 18 1989
		PORQUEINE MINING DIVIS
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AND AND A STATE OF THE PROPERTY OF THE STATE		



Mining Claim

Claim No. P-1087590

Ontano	Minin	g Act		P-108/590				
Recorded in the Name of			Licence No.	Date Recorded				
RICHARD BRENT MCALLISTER			M-23728	October 17, 1988				
Address			· · · · · · · · · · · · · · · · · · ·	Date and Time of Staking	P.T.			
124 Tamarack Street, Timm	ins, Or	ntari	0	Oct. 5/88	1			
				AT: 9:00 a.m.	x			
Office Use Only	Days	2-1	Description of Claim					
Assessment Work Credits Assigned to other Claims	ork Credits Assigned to other Claims Recorded Balance ZAVITZ TOWNS			NSHIP M-1189				
		ŀ		Surface Rights reservation around all lakes yel and peat reserved.	s and rivers			
]		Sanu, grav	val and past reserved.				
'								
				File No.				
				R8806.502	63			

Date	Days Work	
Oct. 17/88		(T10) Brent McAllister (M-23728) transfers 100% to Canadian Nickel Company (A-17527). (T8806.50214)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.
		MAY 18 1989
		PORCUM & APPRING DIVING
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	N. M. Principality	1
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Mining Claim

Claim No.

Ontario		Minin	g Act			P-1087591	
Recorded in t	the Name of RD BRENT MCALLISTER	,		Licence No. M-23728	October 1	7, 1988	
Address					Date and Time of S	•	P.1.
124 T	amarack Street, Timm	ins, O	ntari	0	Oct. 6/88 AT: 9:00	a.m.	x
	Office Use Only	Days		Description of Claim			·
Assessment	Work Credits Assigned to other Claims	Recorded	Balance		NSHIP M-11		
				Reservations - 400 foot Sand, grav	Surface Rights reserva vel and peat reserved.	tion around all lakes	and rivers.
						R8806.50	263
Date	e Days	*					

Date	Days Work		
Oct. 17/8	8	(T10) Brent McAllister (M-23728) transfers Canadian Nickel Company (A-17527).	100% to (T8806.50214)
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.	
		MAY 18 1989 White State of the	
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Ministry of

Mining

Northern Development Claim Ontario	Mintr	ng Act				Claim No. L 1032	812
Recorded in the Name of		Licence N	o.	Receipt No.	Date Recorded		
Michael W. Peplinski		M 21:	221	5763	March 25	. 1988	
Address					Date and Time of S	itaking	P.T.
P.O. Box 2265					March 17	, 1988	
TIMMINS, Ontario P4N 7X8					at 2:40		X
Office Use Only	Days	Balance		ption of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	Balance			SHIP (M-223)	
			For	mer 876	609		
·			Oth	Sand, gre	Surface Rights reserved. vations und ly.		
		ļ				File No.	
			<u> </u>			L 1032	812

Date	Days Work		Receipt No.
Apr.5/88		(Tl) Michael Peplinski transfers 100% interest to	
		Ralph E. Allerston (M-13613) (170/88)	
Apr. 3/89		(OC5) Commissioner extends time until and	
		including December 15, 1989 for work and filing	
		thereof. (178/89)	
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim	
		JUN - 9 1989	
		M.a. () irmei	
		Mining Recorder LARDER LAKE MINING DIVISION	
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Ministry of

Mining

Northern Development and Mines Claim						Claim No.	
Ontario	Minir	ng Act				L 1032	813
Recorded in the Name of		Licence N	lo.	Receipt No.	Date Recorded		<u> </u>
Michael W. Peplinski		M 21	221	5763	March 25	. 1988	
Address					Date and Time of S	teking	P.T.
P.O. Box 2265					March 17	. 1988	1
TIMMINS, Ontario P4N 7X8					at 12:00		X
Office Use Only	Days		Descrip	otion of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	Balance	HIN	CKS TOWN	SHIP (M-223)	
			For	mer 876	610		
			Reserv		Surface Rights reserva vel and peat reserved.	tion eround all lak	es and rivers.
						File No.	
			l.			L 1032	812

Date	Days Work		Receipt No.
Apr.5/88		(Tl) Michael Peplinski transfers 100% interest to	
		Ralph E. Allerston (M-13613) (170/88)	
Apr. 3/89		(OC5) Commissioner extends time until and	
		including December 15, 1989 for work and filing	
		thereof (178/89)	
		This Abstract is econy of the entries in the Pocord Brook and is not to be con-	
		the Pocord Brook and is not to suit dity of aldered as assurance of the validity of the claim.	
		3U17-5 1989	
		ma Winner	
		Mining Recorder LARDER LAKE MINING DIVIDION	
			
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Northern Development and Mines Claim	Minia	A est				Claim No. L 10328	1 /
	Minin				15	L 10320	14
ecorded in the Name of		Licence N		Receipt No.	Date Recorded		
lichael W. Peplinski		M 21:	221	5763	March 25		
dress					Date and Time of S	taking	P.1
.O. Box 2265					March 17	, 1988	- 1
IMMINS, Ontario P4N 7X8					at 9:35 a	a.m.	X
Office Use Only	Days	T	Descri	otion of Claim			
ssessment Work Credits Assigned to other Claims	Recorded	Balance	HIN	CKS TOWN	SHIP (M-223)	
				mer 8766			
			Oth	Sand, gre	Surface Rights reservativel and peat reserved. vations underly.		
						File No.	12

Date	Days Work		Receipt No.						
Apr.5/88		(Tl) Michael Peplinski transfers 100% interest t)						
	1	Ralph E. Allerston (M-13613) (170/88)							
Apr. 3/89	1	OC5) Commissioner extends time until and							
		including December 15, 1989 for work and filing							
		thereof. (178/89)							
,		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the circle.							
		JUN - 9 1989							
		M. a. Weirmein Mining Recorder Mining Recorder Mining Recorder Mining Recorder Mining Recorder							
		MINING RESORTED LARDEH LAKE MINING DIVISION							
	 								
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Mining Claim

end Mines Claim						Claim No.	
Intario	Minir	ng Act				L 10328	15
Recorded in the Name of		Licence N	0.	Receipt No.	Date Recorded		
Michael W. Peplinski		M 21	221	5763	March 25	, 1988	
Address					Date and Time of S	teking	P.T.
P.O. Box 2265					March 17	. 1988	i
TIMMINS, Ontario P4N 7X8					at 7:15	-	Ιx
Office Use Only	Days		1	ption of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	Balance			SHIP (M-223)	
			For	mer 8766	12		
			Reserv		Surface Rights reserva	tion around all lake	and river
				er reser may app	vations und	er The Min	ing
		ļ				File No.	
	1					L 10328	12

Date	Days Work		Receipt No.
Apr.5/88		(Tl) Michael Peplinski transfers 100% interest t	0
		Ralph E. Allerston (M-13613) (170/88)	
Apr. 3/89		(OC5) Commissioner extends time until and	
		including December 15, 1989 for work and filing	
		thereof. (178/89)	
		This Abstract is a copy of the entries in the Record Book and is not to be con-	
		sidered as assurence of the validity of the claim.	
		JUN - 9 1989	
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		Mining Recorder LARDER LAKE MINING DIVISION	
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Ministry of

Mining

Northern Development end Mines Claim						Claim No.	
Ontario	Minin	ng Act				L 1032816	
Recorded in the Name of		Licence f	Vo.	Receipt No.	Date Recorded	······································	
Michael W. Peplinski		M 2	1221	5763	March 25	51988	
Address					Date and Time of S	itaking P.T.	
P.O. Box 2265 TIMMINS, Ontario P4N 7X8					March 16 at 2:45		
Office Use Only	Days			ption of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	Balance	HINCKS TOWNSHIP (M-223)				
			For	rmer 8766	513		
			Oth	Sand, gr	evel and peat reserved.	ntion eround all takes and rivers	
						File No.	
		<u> </u>	<u> </u>			L 1032812	

Date	Days Work		Receipt No.
Apr.5/88		(T1) Michael Peplinski transfers 100% interest	tp
		Ralph E. Allerston (M-13613) (170/88)	
Apr. 3/89		(OC5) Commissioner extends time until and	
		including December 15, 1989 for work and filing	
		thereof (178/89)	
		Trus Abstract is a Copy of the entries in the Record Book end is not to be continued as assurance of the validity of	
		the claim.	
		JUN - 9 1989	
		m.a. Weinnen	
		Mining Recorder LARDER LAKE MINING DIVISION	
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Northern Development and Mines Claim	Minir	ng Act				Claim No. L 1032	 2817
Recorded in the Name of		Licence I	No.	Receipt No.	Date Recorded		
Michael W. Peplinski		M 21	1221	5763	March 25		
Address					Date and Time of St	taking	P.T.
P.O. Box 2265					March 16	, 1988	
TIMMINS, Ontario P4N 7X8					at 12:30	p.m.	X
Office Use Only	Days	Balance	1 '	ption of Claim			
Assessment Work Credits Assigned to other Claims	Recorded	Belefice	HIN		SHIP (M-223)	
			For	rmer 8766	14		
			Reserv		Surface Rights reservativel and peat reserved.	tion around all lak	ces and rivers.
		1	1			File No.	
						L 1032	2812

Date	Days Work		Receipt No.
Apr.5/88		(Tl) Michael Peplinski transfers 100% interest to	
		Ralph E. Allerston (M-13613) • (170/88)	
Apr. 3/89		(OC5) Commissioner extends time until and	
		including December 15, 1989 for work and filing	
		thereof (178/89)	
		the Federal Book end is not to be con- sidered as nestrance of the validity of the claim.	
· ·		JUN - 9 1989	
<u> </u>		Mining Recorder LARDER LAKE MINING DIVISION	
		LANDENCA	
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Mining

Northern Development Claim Ontario	Minin	ng Act				Cleim No. L 10328	18
Recorded in the Name of Michael W. Peplinski		M 2	No.	Receipt No. 5763	Date Recorded March 25	, 1988	
P.O. Box 2265 TIMMINS, Ontario P4N 7X8					March 16 at 10:15	, 1988	P.T. X
Office Use Only Assessment Work Credits Assigned to other Claims	Days Recorded Balance HINCKS TOWNSHIP (M-22)	
		Former 528782					
			Reservations - 400 foot Surface Rights reservation around Sand, gravel and peat reserved.				and rivers.
						File No. L 10328	12

Date	Days Work		Receipt No.							
Apr.5/88		(T1) Michael Peplinski transfers 100% interest to)							
		Ralph E. Allerston (M-13613) (170/88)								
Apr. 3/89	ļ	(OC5) Commissioner extends time until and								
		including December 15, 1989 for work and filing								
		thereof. (178/89)								
		This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.								
		JUN - 9 1989								
		M. a. Wermen Mining Recorder LARDER LAKE MINING DIVISION								
	<u> </u>									



Ministry of

Northern Development Claim						Claim No.			
Ontario	Minir	ng Act				L 10328	319		
Recorded in the Name of		Licence	No.	Receipt No.	Date Recorded	<u> </u>			
Michael W. Peplinski		M 2	1221	5763	March 25	, 1988			
Address					Date and Time of Si	taking	₽.Т.		
P.O. Box 2265					March 16	, 1988			
TIMMINS, Ontario P4N 7X8					at 8:00	a.m.	X		
Office Use Only	Days		_ 1	tion of Claim					
Assessment Work Credits Assigned to other Claims	Recorded	Balanc	HIN		SHIP (M-223)			
			For						
			Reserv		Surface Rights reservativel and peat reserved.	tion around all lake	s and rivers		
			Other reservations under The Min Act may apply.						
				File No.					
	ŀ					L 10328	312		

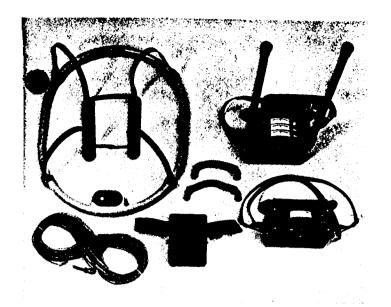
Date	Days Work		Receipt No.
Apr.5/88		(Tl) Michael Peplinski transfers 100% interest to)
		Ralph E. Allerston (M-13613) (170/88)	
Apr. 3/89		(OC5) Commissioner extends time until and	
		including December 15, 1989 for work and filing	
		thereof (178/89)	
		This Abstract is a copy of the entrance of the Record Book end is not to be entranced of the validity.	
		the claim	
		JUN - 9 1989	
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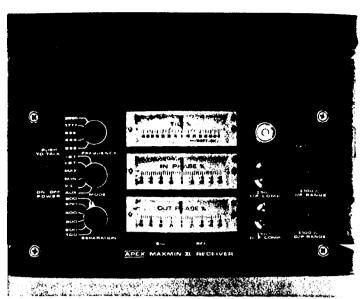
474288	Entered	an Checkod	Ontario	The Mining	Act DATE RECORDER	L 853
Nolan Boa	·		<u>ዛ 8687</u>	1035	Septem	her 10 85
33 Pine St	s, Ar	ot. D, Pox 581			İ	11 85 12:99 noo
ASSIGNED TO OTHER CLAIMS 1.1	OFFICE U	BE ONLY REC	ZAV	TION OF CLAIM VITZ TWP: Luding 18 VATIONS - 400 FOOT SU	nd unde	
DATE	DAYS WORK					FILE NO. 84852
Dec. 16/85		Transfer all in	terest to Ralp	h E Allerst	on M1361	3 (12/85)
Sept. 2/86	160	Diamond Dril				(352/86)
Sept.2/86	7	Core Specime	ns (perform	ed on 8485	22)	(353/86)
Sept. 2/86	23	Section 77-1	9 (assays)	Approved SE	P 2 3 198	86 (354/86)
		R	his Abstract is a copy second Book and is not ssurance of the validit MAY 18 Mining Reporcuping Mining Re	to be considered a y of the claim.		
					<u> </u>	
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	4290	Entered		85321
RECORDE	D IN THE NAME C)F	LICENCE NO. RECEIPT NO. DATE RECORDED	
ADDRESS	an Boa		и 3687 1035 September 10185	
33	Pine St	S. An	et. D, Box 581 August 12 85	
Tin	mino Ont	OFFICE US	ACTIVITIES OF CLAIM AT 9:00 AT	
WORK CREDITS OTHER CLAIMS		OFFICE DE	ZAVITZ TWP: including land under water RESERVATIONS — 400 FOOT SURFACE RIGHTS RESERVATION AROUND ALL D SAND AND GRAVEL RESERVED. PEAT RESERVED.	IKES AND RIV
ASSESSMENT ASSIGNED TO				
A89	······································		FILE NO. 8485	22
	DATE	DAYS WORK		RECEI
Dec.	16/85])	Transfer all interest to Ralph E. Allerston M13613 (12/85)	240
Sept	. 2/86	160	Diamond Drilling (performed on 848522) (352/86)	
	.2/86	7	Core Specimens (performed on 848522) (353/86)	
Sent	2/86	23	Section 77-19 (assays) Approved SEP 2 3 1986 (354/86)	
Jepe	. 2/00	-23		
			This Abstract is a copy of the entries in the Record Book and is not to be considered as	
			assurance of the validity of the claim.	
			MAY 18 1989	
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			PORCOPINE VIVING DIVISION	_
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	474292 Entered	Checked	Natural Resources	The Mining		CLAIMNO		
	RECORDED IN THE NAME OF		Ontario	RECEIPT NO.	DATE RECORDED	1 1 253	<u> 201</u>	
	ADDRES an Boa		17 8687	1035	Sentemb	er 10 85	P.	
	33 Pine St S, An				August	12155 1:00 pm		
	OFFICE US	SE ONLY RECORDER	ZAV	VITZ TWP cluding la	and under water			
	ASSIGNED TO OTHER CLAIMS ASSIGNED TO OTHER CLAIMS		RESER	VATIONS — 400 FOOT SU SAND AND GI	rface rights reser Pavel reserved. Pe <i>i</i>	FILE NO.		
į	DATE DAYS WORK					- 1 84852	PECEIPT NO	
	Dec. 16/85	Transfer all intere	_			İ	2404	
	Sept. 2/86) 144	Diamond Drilli				(352/86)		
/	Sept. 2/86 7 Sept. 2/86 25	Core Specimens Section 77-19				(353/86)		
U	Sept. 2700 23	This Al	bstract is a copy of Book and is not to noce of the validity	f the entries in the		(354/86)		
			MAY 1819	hile				
		PC	Alining Reco					
							en en en proposition de la company de la com	

Appendix B Instrument Specifications





SPECIFICATIONS:

Frequencies: 222,444,888,1777 and 3555 Hz.

Modes of Operation: MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop

mode) Used with refer cable. MIN: Transmitter coil plane horizontel and receiver coil plane ver-

tical (Min-coupled mode). Used with reference cable.

V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

Coil Separations: 25,50,100,150,200 & 250m (MMII) or 100, 200, 300, 400,600 and

800 ft. (MMIF).

Coil separations in V.L.mode not re-

stricted to fixed values.

Parameters Read: - In-Phase and Quadrature components of the secondary field in

MAX and MIN modes.

- Tilt-angle of the total field in V.L.

mode.

- Automatic, direct readout on 90mm (3.5") edgewise meters Readouts:

in MAX and MIN modes. No nulling or compensation necessary.

- Tilt angle and null in 90mm edgewise meters in V.L.mode.

Scale Ranges: In-Phase:

±20%,±100% by push-

button switch.

Quadrature: ±20%, ±100% by pushbutton switch.

NOW ALSO ±4% **OUADRATURE**

±75% slope. Tilt::

Null (V.L.): FULL SCALE.

Sensitivity adjustable by separation switch.

Readability:

In-Phase and Quadrature: 0.25 %

to 0.5%; Tilt: 1%.

Repeatability:

±0.25% to ±1% normally, depending on conditions, frequencies and coil

separation used.

Transmitter Output: -222Hz : 220 Atm²

444Hz : 200 Atm² 888Hz: 120 Atm2 - 1777Hz : 60 Atm² - 3555 Hz : 30 Atm²

Receiver Batteries: 8V trans. radio type batteries (4)

Life: approx. 35 hrs. continuous duty (alkaline, 0.5 Ah), less in cold

weather.

Transmitter

Batteries:

Voice Link:

12V 6Ah Gel-type rechargeable (Charger supplied).

battery.

Light weight 2-conductor teflon

Reference Cable :

cable for minimum friction. Unahielded. All reference cables optional at extra cost. Please specify.

Built-in intercom system for voice communication between re-

ceiver and transmitter operators in MAX and MIN modes, via re-

ference cable.

Indicator Lights:

Built-in signal and reference warning lights to indicate erroneous

readings.

Temperature Range: -40°C to+60°C (-40°F to+140°F).

Receiver Weight: 6kg (13 lbs.)

Transmitter Weight: 13kg (29 lbs.)

Shipping

Weight: Typically 60kg (135 lbs.), depending on quantities of reference

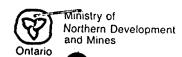
cable and batteries included

Shipped in two field/shipping cases

Specifications subject to change without notification

PARAMETRICS LIMITED BOX 818, R.R. NO.1, UXBRIDGE, ONTARIO, CANADA LOC 1KO

Phone: (416) 852-5875 Cebles: APEXPARA TORONTO Telex: 06-966625 APEXPARA UXB







900

Mining Act

Report of Work

(Geophysical, Geological and Geochemical Surveys)

Type of Survey(s)	,	- :	Mini	ng Division	Mining			evelopmen	nt and Lands Branch
Ge,	uphysical			nicobive		Township or		<u> </u>	T a
Recorded Holder(s)	 	0	10	0 0	`		Prospector	's Licence	No.
Address Quiel	Brenais	_2_	. 12	891)		M - Telephone	2125	ર જ
Survey Company	Pine South,	lima	ains Ov	7. bhy	-3K	9	2	67-	4105
- H was Home	Galasia I C		. T			r			
Name and Address of Author					· · · · · · · · · · · · · · · · · · ·		Date of Su	rvey (from	1 & 10)
Licha R. Waln	clay, 165 Tam	suck	St. Ti	mmins O	mt. 6	24N (D=	Date of Su バー ひも	ξ ξ.γ	24 66 89 Day Mo Yr
Credits Requested per E	ach Claim in Columns	at right	Mining Clair	ns Traversed	(List in	numerical s	equence)	Day MO 11.
	Geophysical	Days per Claim		ng Claim		Mining Claim		М	lining Claim
For first survey:		Claim	Prefix	Number	Prefix	Numi	ber	Prefix	Number
Enter 40 days. (This include	- Electromagnetic(VLF)	20	P 10	27468			ŀ	ļ	
line cutting)	- Magnetometer	20	1 1.	327467					
For each additional survey: using the same grid:	- Other			127478					
Enter 20 days (for each)	Geological			127473					
	Geochemical					 			
Man Days	Geophysical	Days per	1/5	27474					
Complete sources aids and	-	Claim	1	027475					
Complete reverse side and enter total(s) here	- Electromagnetic		1	127477			ĺ		
	- Magnetometer),	127478					
1	- Other	· · · · · · · · · · · · · · · · · · ·		<u> </u>		REC	CO	TED-	
	Geological		 				WILL TO	عقامتما و	+1
	Geological								
	Geochemical		RE	CEIV	D	CE	P 27	1989	
Airborne Credits		Days per Claim				20	1-6	1000	
Note: Special provisions	Electromagnetic		00	T 26 198	9	<u> </u>			
credits do not apply to Airborne	Magnetometer					\			
Surveys.	Magnetometer		MINING	ES SCHAL	CT:ON	-			,
	Other				•••••	:			
Total miles flown over cl	aim(s).					<u> </u>			
Date Re	corded Holder or Agent (Sig	nature)					umber of		
Contilionation Visit D							claims covereport of w		8
Certification Verifying Rep									
I hereby certify that I have a pe after its completion and annexed	•	of the facts	s set forth in this F	Report of Work, ha	iving perfo	rmed the work	or witness	ed same d	uring and/or
Name and Address of Person C			1		***************************************		_		
John K. Waln	15/cy, 165 1	Telephon	51.	1 inn	_ کم	بلدي	P410	(P7	
	,	· ·	-9742	Date	0 1	1949	ertified By	(Signature	3
		1 ~ C C	1742	Received Si		1 (3. /)	- H-2~	حلت.	Smily!
For Office Use Only							V Stephania		1
				1	 	119			
Total Days Cr. Recorded	Mining Recor	der	7)		,	- 1444	V.		
GOT	100	111)-ff		うじい	: 31383	1		
Date Approved as Recorded Provincial Manager, Mining Lands								6	ł
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Jee No	viscel work.	State	mer A						ļ
¥ 1362 (89/06)			· · · · · · · · · · · · · · · · · · ·				·		



Technical Assessment Work Credits

Pete 2.12890

Pete Work No. W8906-472

Recorded Holder DANIEL BIENAIS	
Township or Area ZAVITZ TOWNSHIP	
Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 15.6 days	P 1027468, 1027469
Magnetometer days	1027472 to 475 incl.
Radiometric days	1027477, 1027478
Induced polarizationdays	
Other days	•
Section 77 (19) See "Mining Claims Assessed" column	
Geologicaldays	
Geochemicaldeys	•
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.	
	{
pecial credits under section 77 (16) for the following m	ining claims
lo credits have been allowed for the following mining cla	
not sufficiently covered by the survey	insufficient technical data filed
	1



Technical Assessment Work Credits

Pote 2.12890

Pote 2.12890

Mining Recorder's Report of Work No. W8906-472

Recorded Holder	
DANIEL BIENAIS	
ZAVITZ TOWNSHIP	
Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic	P 1027468, 1027469 1027472 to 1027475 incl. 1027477, 1027478
Other days Section 77 (19) See "Mining Claims Assessed" column	•
Geological	
pecial credits under section 77 (16) for the following mi	ning claims
o credits have been allowed for the following mining cla	ime
	insufficient technical data filed



Ministère du Développement du Nord et des Mines Mining Lands Section 880 Bay Street, 3rd Floor Toronto, Ontario M5S 1Z8

Telephone: (416) 965-488

Our File:

Your File: W8906-472

2.12890

March 21, 1990

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

Re:

Notice of Intent dated February 8, 1990 for Geophysical (Electromagnetic & Magnetometer) Survey submitted on Mining Claims P 1027468 et al in Township of Zavitz.

The assessment work credits, as listed with the above-mentioned Notice Intent have been approved as of the above date.

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

Yours sincerely,

W.R. Cowan

Provincial Manager, Mining Lands

Mines & Minerals Division

AM DM:pt Enclosure

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

Daniel Bienas Timmins, Ontario

E.H. Van Hees Geological Services Inc. Timmins, Ontario

DATARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE

MAR 28 1990

RECEIVED

Resident Geologist Timmins,, Ontario



Ministère du Développement du Nord et des Mines

February 8, 1990

Mining Recorder Ministry of Northern Development & Mines 60 Wilson Avenue Timmins, Ontario P4N 2S7

Hining Lands Section 3rd Floor, 880 Bay Street Toronto, Ontario M5S 1Z8

Telephone: (416) 965-4888

Your File: W8906-472 Our File: 2.12890

Dear Sir:

Enclosed is one copy of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please check your records to ensure that we have sent a copy to the recorded holder at the correct address. If it is not, please photocopy this letter and attached Notice of Intent, and forward to the new recorded holder at the correct address. In approximately thirty 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 Dale Messenger at (416) 965-4888.

Yours sincerely,

W.R. Cowan

Provincial Manager, Mining Lands

Mines and Minerals Division

DM:zm

Enclosure

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

> Daniel Bienas Timmins, Ontario

E.H. van Hees Geological Services Inc. Timmins, Ontario



Ministère du Développement du Nord et des Mines

Notice of Intent

for Technical Reports

February 8, 1990

2.12890/W8906-472

An examination of your technical survey report indicates that the requirements of the Mining Act have not been fully met to warrant maximum work credits as calculated on the submitted work report(s). This notice is a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 30 days from the above date, the Mining Recorder will be advised of the change in credits and will amend the entries on the record sheets to agree with the enclosed statement.

The effect of the proposed reduction on the mining claims should be considered immediately. If the anniversary date in respect of which the assessment work was recorded has not passed and the proposed reduction will create a forfeiture of the mining claims on the anniversary date, you may, before the anniversary date, record additional unrecorded work or apply to the Mining and Lands Commissioner within the usual thirty day period for an extension of time to perform additional assessment work. If the anniversary date has passed, you may wish to apply to the the Commissioner for relief from foreiture and an extension of time to record unrecorded assessment work that you have performed or to perform assessment work. This must be done within six months of the date of forfeiture.

- If you intend to apply to the Commissioner for relief from forfeiture and an extension of time, arrangements should be made with the Mining Recorder to have representative abstracts submitted to the Commissioner.
- If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the 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 thirty day period, submit an assessment work breakdown listing the employees' names, addresses, dates and hours they worked. The new work breakdown should be submitted directly to the Mining Lands Section, Mineral Development and Lands Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Report of Work

Mining Act

(Geophysical, Geological and Geochemical Surveys)

Instructions

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

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Report of Work

Mining Act

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Instructions

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Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
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Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

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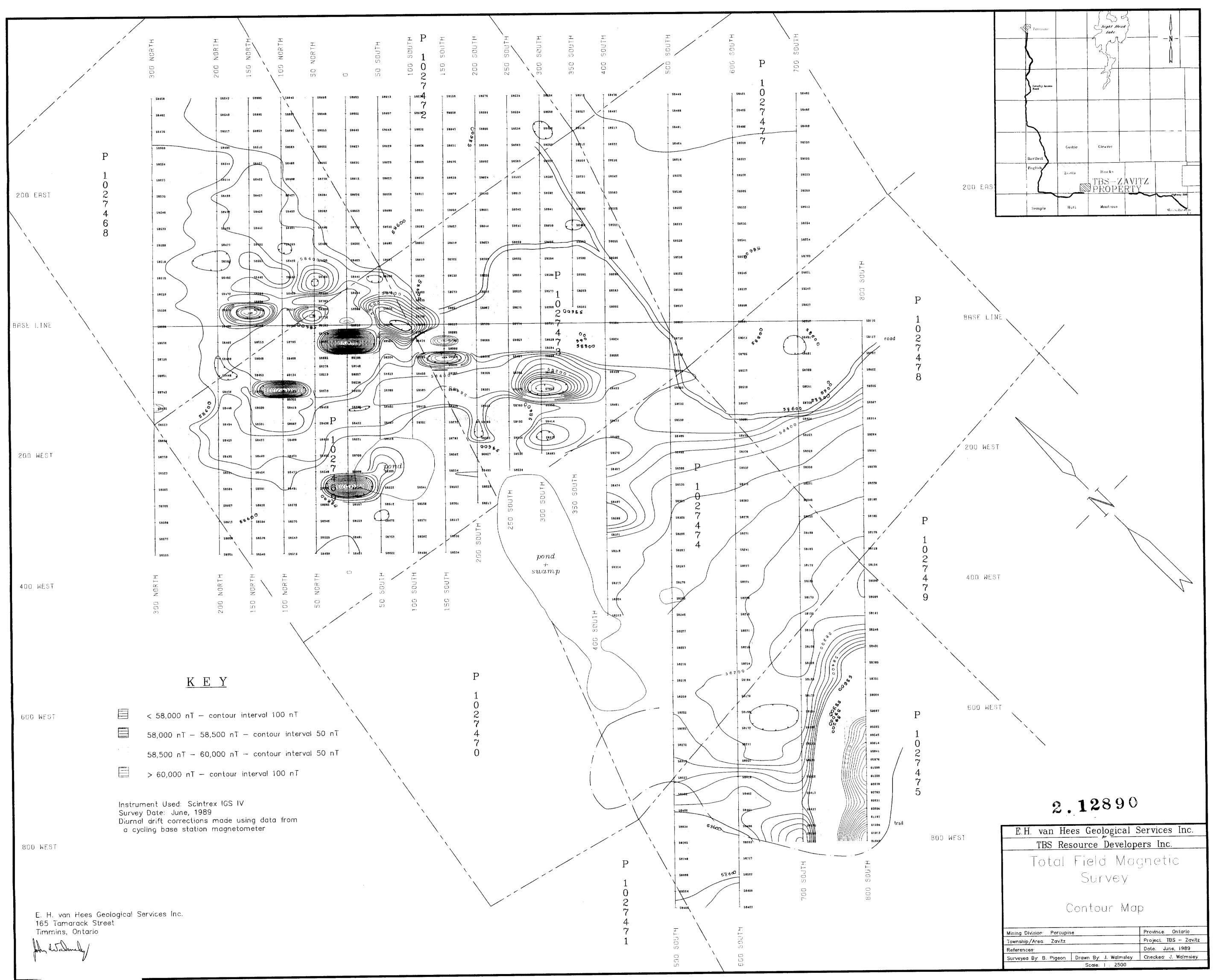
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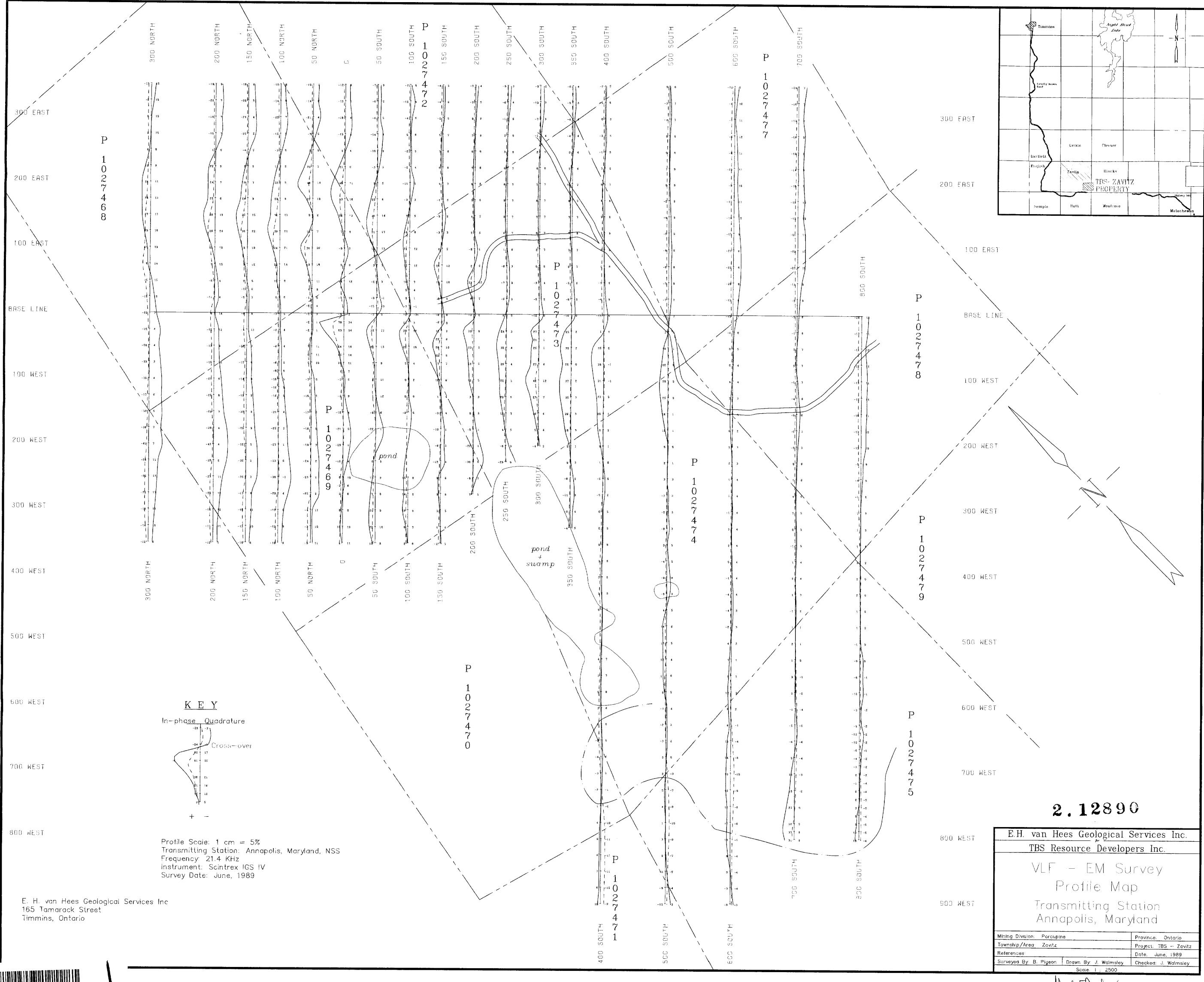
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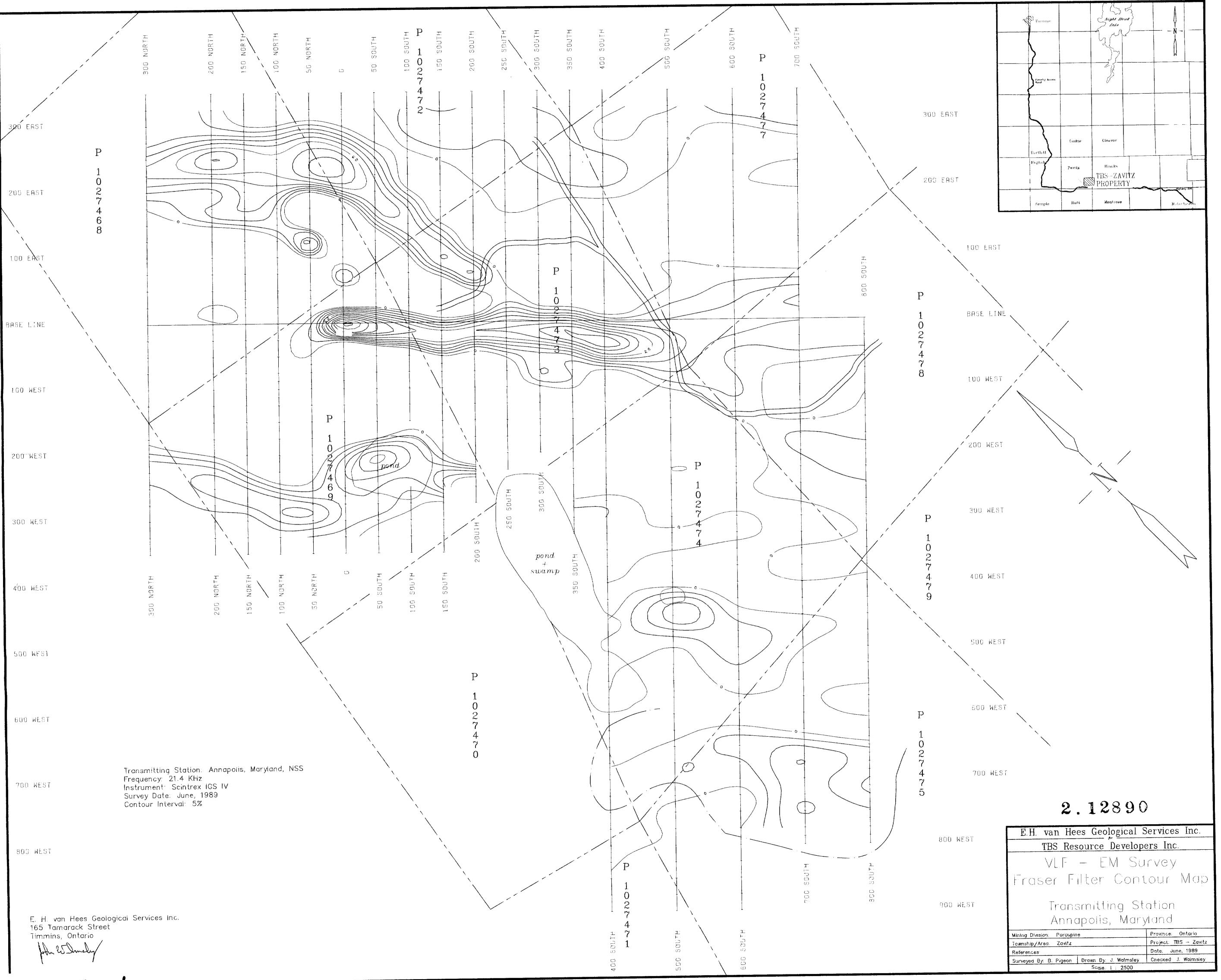


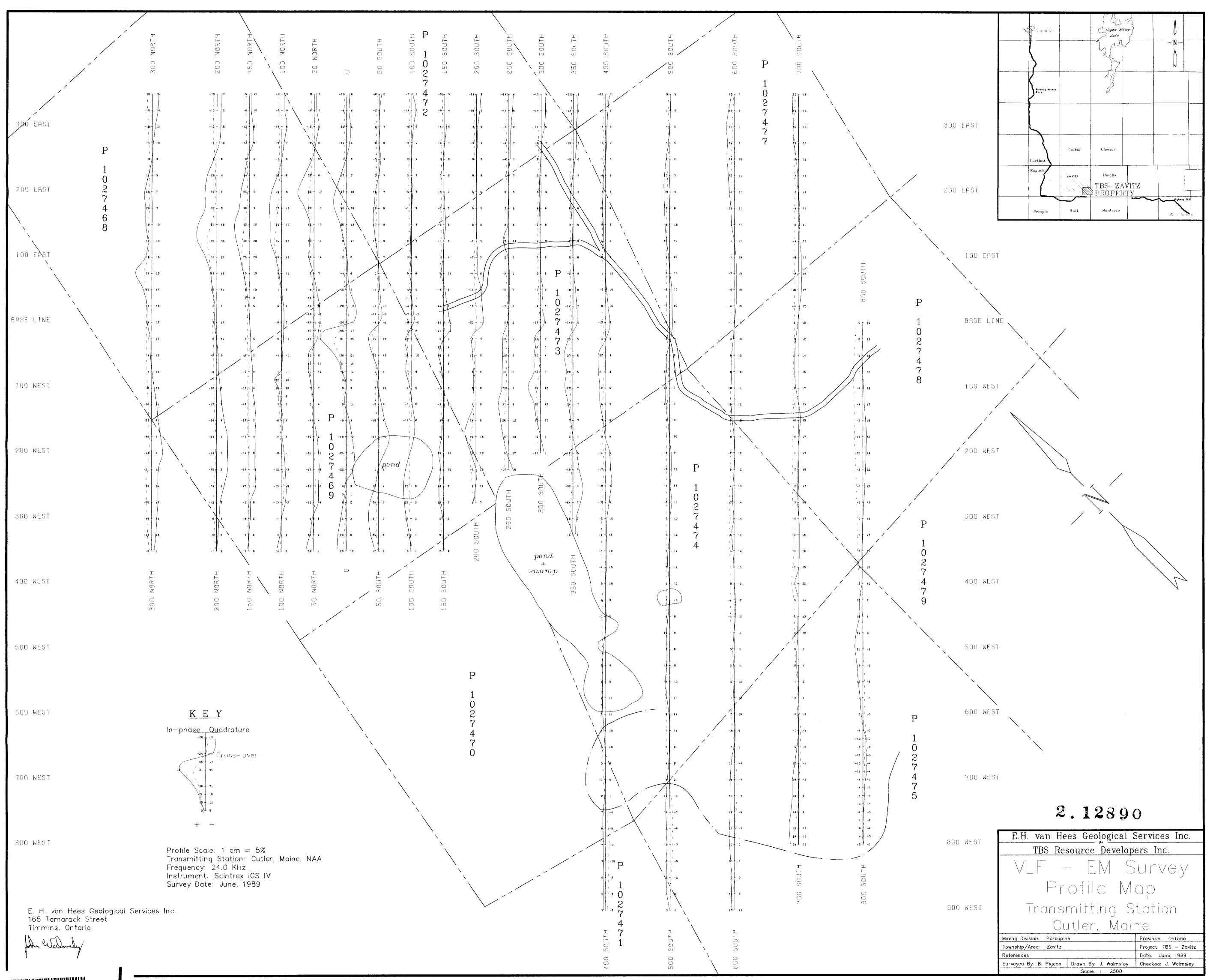


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