

# Report on the 1998 and 1999 Work Programs

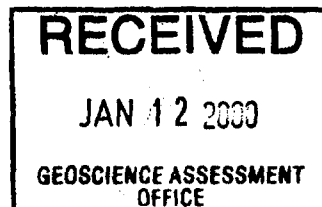
for the

## Byng Property

Byng Township, Ontario  
Porcupine Mining Division

for

Rita and Gerald Lecours



# 2. 19723

January, 2000

New Millenium Consulting

Rodney Barber, B.Sc, P. Geo



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42B13NE2001 2.19723 BYNG

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## 1.0 INTRODUCTION

The following is a brief report concerning mechanical stripping surface prospecting work performed on a property in Byng Township, Ontario.

The property consists of 35 units contained in 3 unpatented mining claims numbered 1222909, 1222963 and 1230140. The property is located in west central Byng Township, ON., approximately 80 km south of Hearst, ON.

Access is provided by a series of logging roads from Hearst.

## 2.0 REGIONAL GEOLOGY

The general geology of the area has been described by Thurston et.al (1975). Map 2221 shows the area to be underlain mainly by granite and granitic gneisses. A band of mafic volcanics and associated sediments trends southeastward from Minnipuka and southwestern Byng Townships to northern Coderre Township. The band is generally not more than 2 km wide and probably represents a remnant of a larger "greenstone" belt which is present to the west.

Airborne magnetics surveys flown by the G.S.C. clearly show an east-west trend of high magnetics branching off of the main mafic volcanic band. It is on this east-west trend that the Byng property is located.

The volcanics and sediments have been metamorphosed to at least middle amphibolite facies.

## 3.0 PAST WORK

The only previous work on the current property was by the Lecours. During 1998, mechanical stripping, geological mapping and sampling were conducted on the S1, S2 and S3 areas. Previous to this, a beep-mat survey, prospecting, trenching and assaying had been performed on a previous claim in the same location.

Three short diamond drill holes were put down on the east side of the property several years ago. "Good results" were reported to have been obtained, but no hard data is available regarding the results. These holes have been located by Mr. Lecours.

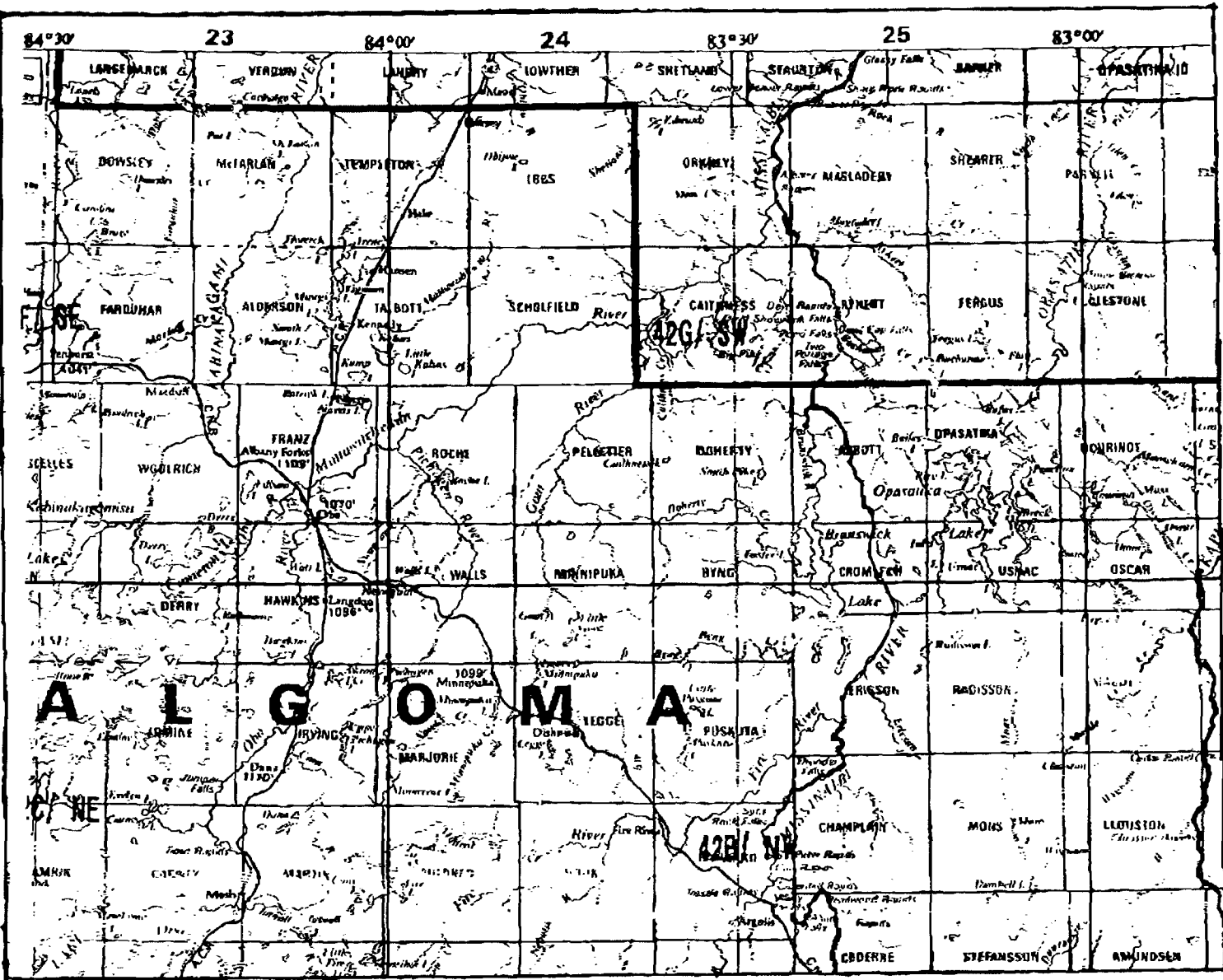
## 4.0 PROPERTY GEOLOGY

The geology of the property was described by Barber (1998). This was found to consist of a series of "lean" amphibolitic iron formation and intermediate and mafic volcanics outlining a large fold structure. Chert and sulphide rich bands occur within the iron formation and locally contain highly anomalous copper and zinc values. The mineralization is described in greater detail in the previous report. This supra-crustal sequence is in contact with a grey to pinkish, medium to coarse grained

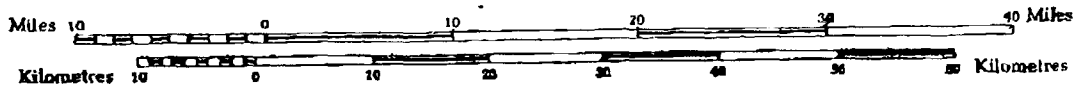
P.17

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50 d



Scale: 1:800 000



# Property Location

Figure 1

granite in the east and southern parts of the property and a very coarse, white pegmatitic granite to the northwest. The western part of the property appears to be underlain by grey gneisses of granodioritic composition. North-northwest trending diabase dykes intrude all other lithologies.

### 5.0 CURRENT WORK

Work in 1999 consisted of mechanical stripping in two areas. The first, S199, is an extension on the east end of the previously stripped S1 Area. The other, S4, is located northeast of the S2 Area. The stripping and cleaning of the trenches was done by Mr. Lecours. Much of the S199 trench was in deep overburden. However, samples of the bedrock material from the north end of the trench were sent to the author for examination. These were of amphibole-biotite schist and biotite-muscovite-quartz schist. The S4 trench exposed dark green, fine grained, massive to foliated mafic volcanics, devoid of mineralization.

### 6.0 CONCLUSIONS AND RECOMMENDATIONS

Trenching and prospecting on the Byng property have identified an extensive amphibolitic iron formation with cherty and sulphide rich layers. Anomalous copper and zinc values are associated with these sulphides.

A program of line cutting, magnetometer, HLEM and geology surveys is recommended to advance the property.

### 7.0 REFERENCES

Atkinson, B., 1998, Report of Activities, Timmins Resident Geologist, MNDM.

Barber, R., 1998, Report of a Geological Investigation on the Byng Property.

Thurston, P.C. et al., 1975, Map 2221, Chapleau-Foley, Geological Compilation Series, ODM. Scale 1:253 440 or 1 inch to 4 miles.

Respectfully submitted for approval,

R Barber

Rodney Barber B.Sc.

Jan 12/00

Date

01/12/2000 10:45

7052684283

NEW MILLENIUM CONSUL

PAGE 06

MINNIPUKA IWP.

6M

5M

4M

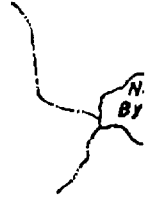
3M

2M

1222909

1222963

1230140



### Byng Property Claim Sketch

Figure 2

P. 08

JAN-12-00 WED 9:33

7052684283



Legend

cli  
curve  
stick  
tree  
row



400 m

3cm = 4

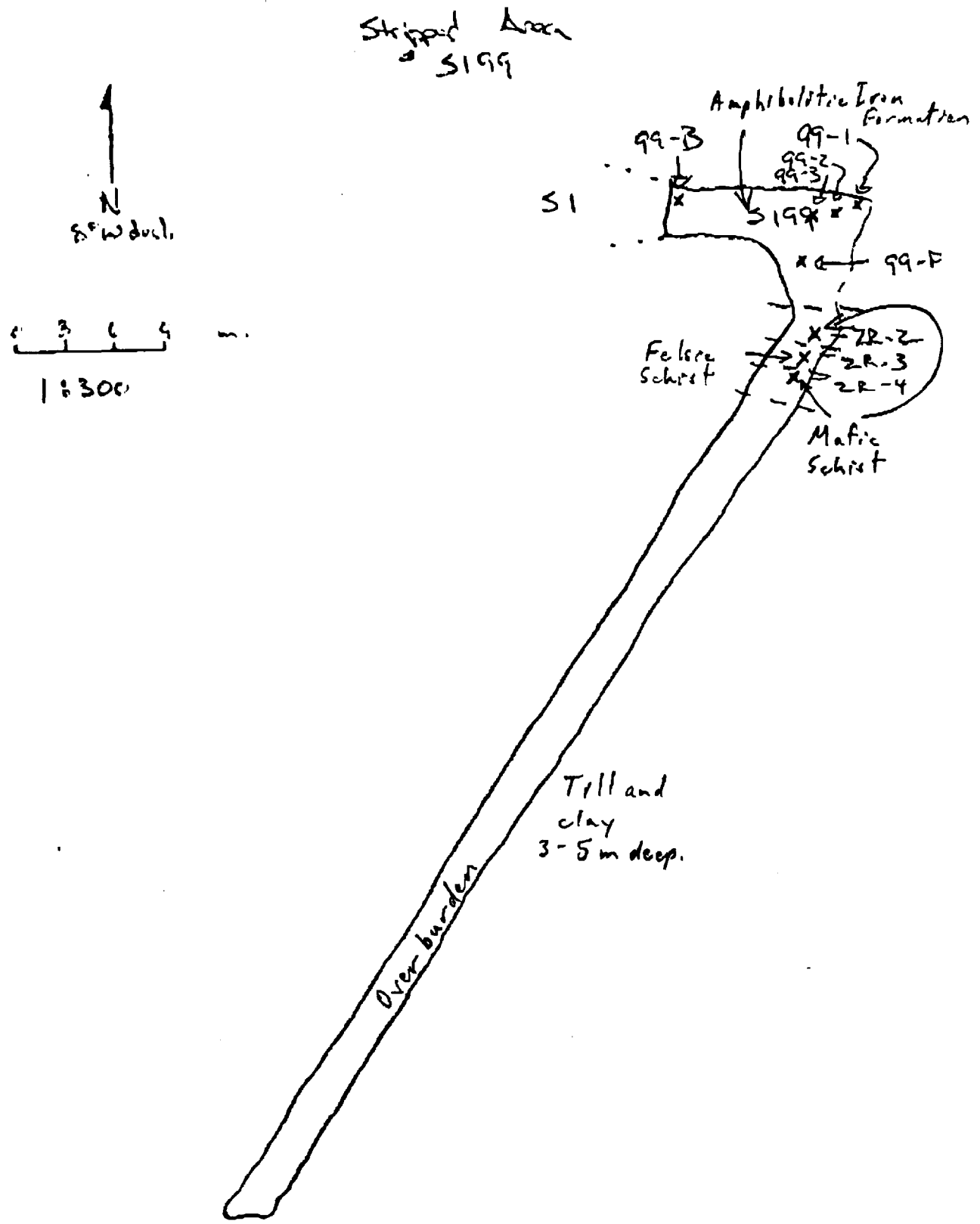


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882684283

P.19

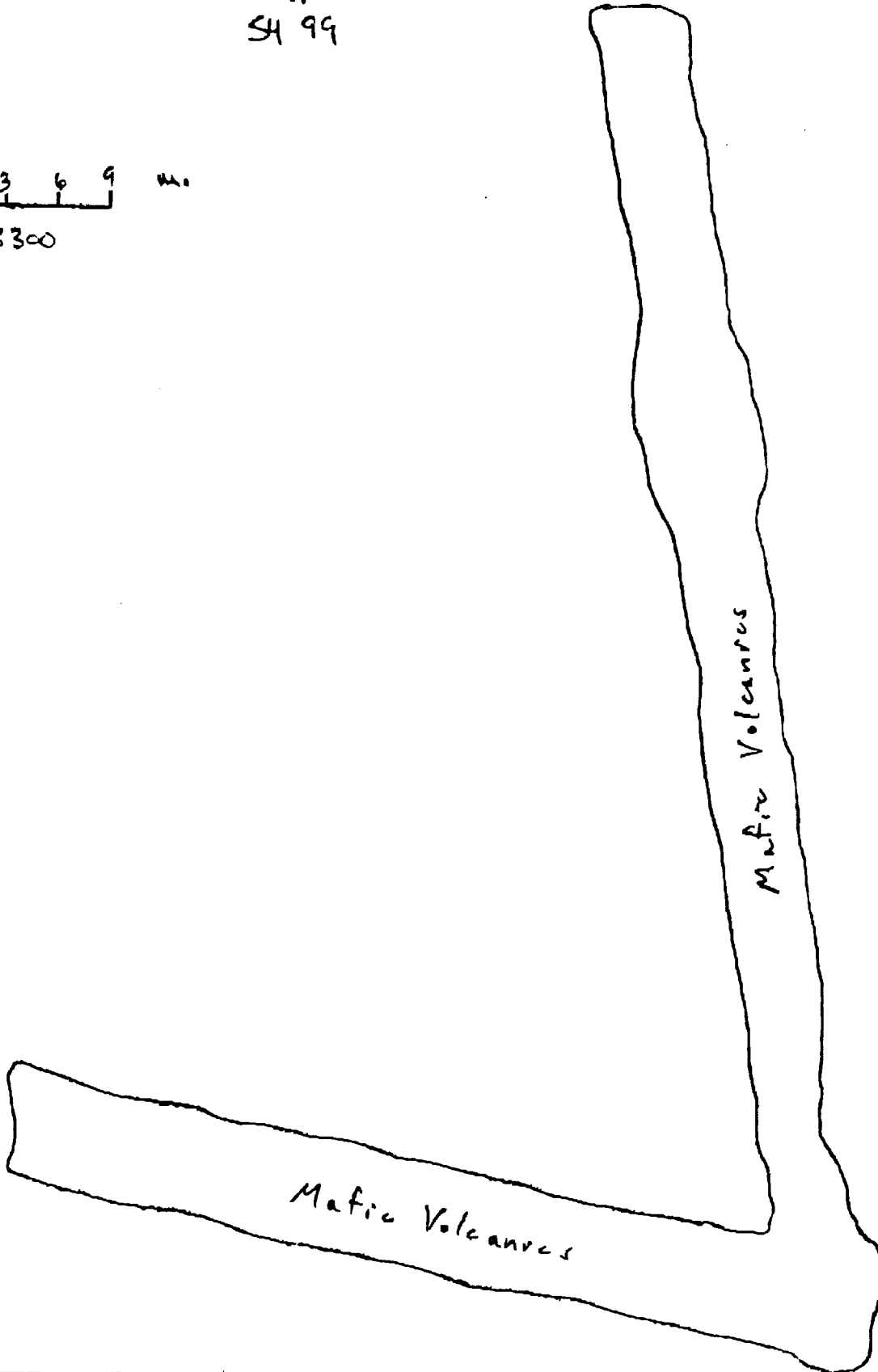
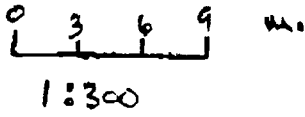
JAN-12-00 WED 11:14



JAN- 7-00 FRI 12:07

P. 07

Skipped Area.  
S4 99





**APPENDIX I      SAMPLE DESCRIPTIONS**

ZR-2 and 4 are both highly metamorphosed mafic rocks, composed of mainly amphibole with varying amounts of muscovite, biotite, quartz and plagioclase. These probably represent some kind of metamorphosed sediment.

ZR-3 is a more felsic version ZR-2 and 4. It is composed of quartz, feldspar, muscovite and biotite. It may represent a more felsic bed within the sedimentary sequence.

### 8.0 CERTIFICATE OF QUALIFICATIONS

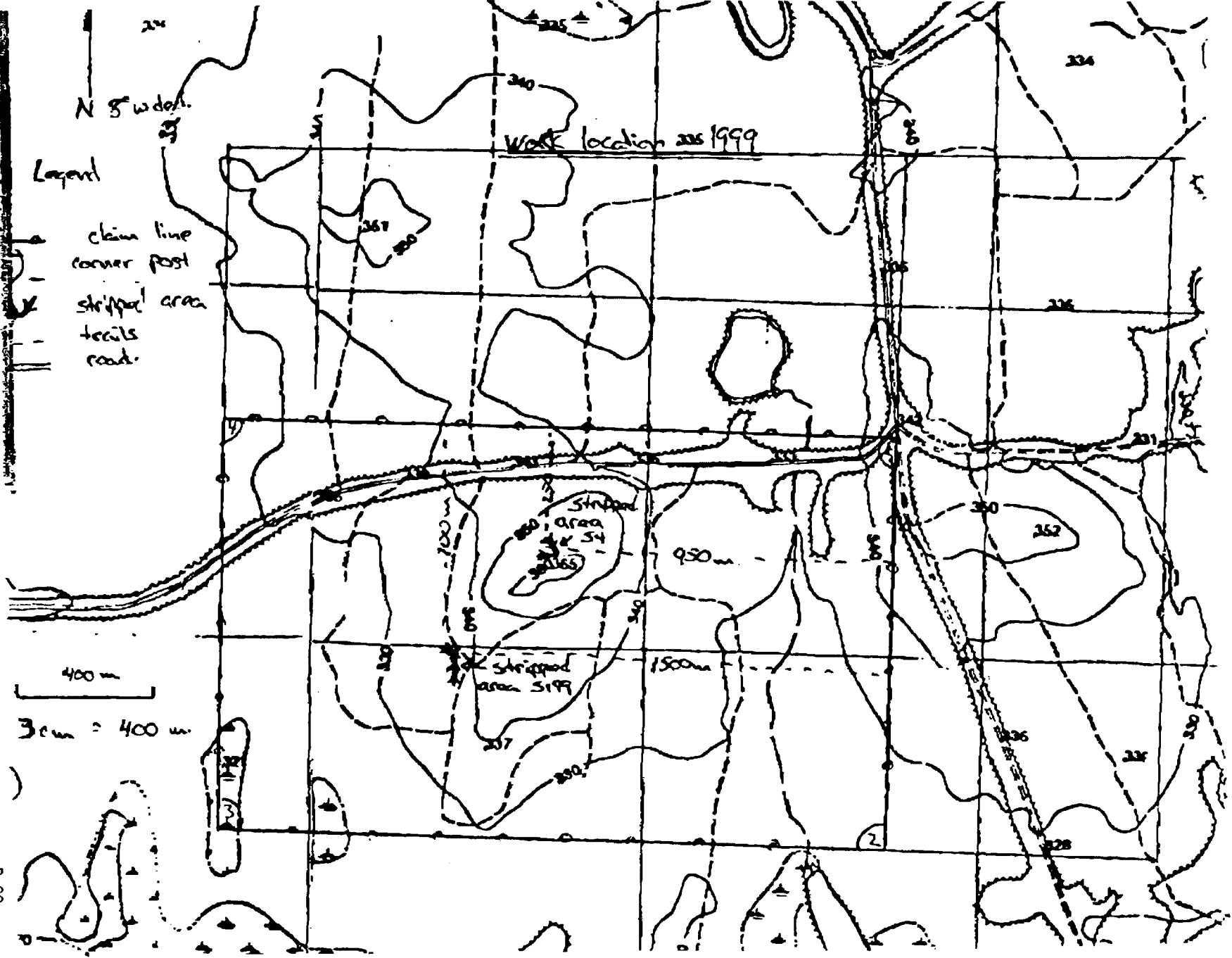
I, **Rodney Alan Barber**, residing at 119 Lois Crescent, Timmins, ON., certify that:

1. I hold a B.Sc. (Honours) in Geology, obtained from Laurentian University, Sudbury, ON in 1988.
2. I am a member of the Association of Professional Engineers and Geoscientists of Saskatchewan.
3. I have worked within the mineral exploration and mining industries since 1988, with an emphasis on northeastern Ontario for the last 8 years.
4. I personally examined the trenches and rock samples as described in this report.
5. This report and the opinions expressed are based upon the results of the geological mapping, published government reports, assessment files and information provided to me by Mr. and Mrs. Lecours.
6. I have no direct or indirect interest in the Byng Property, nor do I expect to receive such for the preparation of this report.

Jan 12 / 00  
Date

R Barber  
Rodney A Barber





Legend

- clim line
- corner post
- stripped area
- terrace road

400 m

3cm = 400 m



**RECEIVED**  
 SEP 22 1999  
 GEOSCIENCE ASSESSMENT  
 OFFICE

### Work Performed in 1998

The work performed on claim # 1230140 in 1998 + the location of this work is described in attached geological report.

The cost is listed below

excavator	2412 <sup>85</sup>	
labour cleaning trench	800 <sup>00</sup>	4 days @ 2 men
Prospecting	400 <sup>00</sup>	2 days @ 2 men
Geology report	450 <sup>00</sup>	
Transportation	396 <sup>00</sup>	
Assay	389 <sup>00</sup>	
Bus	37 <sup>00</sup>	

The labour performed when cleaning trenched area + prospecting was done by Ritu Lecours, prospector Liscome # M25343 and Gerald Lecours, prospector Liscome # M25434

The dates the work was performed on is listed below

41 hrs.	excavator	Aug 21, 22, 23, 24 /98
4 days @ 2men	cleaning trench	Aug 23, 24, 25, 26 /98
2 days @ 2men	prospecting	Sep 1, 2 /98

The type of equipment used was a Kubota 191 excavator, a pickup truck was used for transportation

Work performed in 1998

The Assays results are included with this report

REPORT

of a

Geological Investigation

2 . 1 9 7 2 3

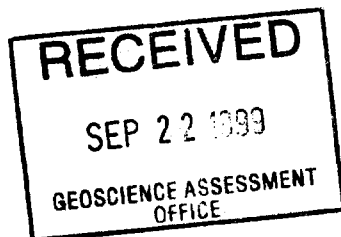
on the

**BYNG PROPERTY**

Byng Township, Ontario  
Porcupine Mining Division

for

**RITA and GERALD LECOIRS**



November, 1998

New Millenium Consulting

Rodney Barber, B.Sc

## 1.0 SUMMARY

The Byng Property is underlain by folded iron formation, mafic and intermediate volcanics, syenite and related felsic dykes, tonalitic gneiss and late diabase dykes. The iron formation consists of laminated magnetite-amphibolite layers interbedded with pyritic chert and sulphidic layers containing pyrite, pyrrhotite and local chalcopyrite. Base metal values up to 1.75% Cu from a grab sample and 1.05% Zn over a 1 m chip sample have been obtained by the property owners.

A program of line cutting, magnetometer, HLEM and geological surveys and prospecting is recommended to attempt to further outline stratigraphy and locate targets for future exploration. The estimated cost of this program is approximately \$45 000.

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Traverses T1 and T2, Bedrock Geology		Back Pocket
Stripping S1 and S2 Geology and Sample Locations		"
Stripping S3 Geology and Sample Locations		"

## Appendices

Appendix I	Sample Descriptions
Appendix II	Assay Results



## 2.0 INTRODUCTION

At the request of Rita and Gerald Lecours, the author spent two days examining and mapping the geology of the Byng Property. The purpose of this investigation was to

1. Map in detail two areas which had been mechanically stripped and washed,
2. Gain a general overview of the geology of the property and,
3. Provide recommendations for future exploration.

The property consists of 35 units contained in 3 unpatented mining claims numbered 1222909, 1222963 and 1230140. The property is located in west central Byng Township, ON., approximately 80 km south of Hearst, ON.

Access is provided by a series of logging roads from Hearst.

## 3.0 REGIONAL GEOLOGY

The general geology of the area has been described by Thurston et.al (1975). Map 2221 shows the area to be underlain mainly by granite and granitic gneisses. A band of mafic volcanics and associated sediments trends southeastward from Minnipuka and southwestern Byng Townships to northern Coderre Township. The band is generally not more than 2 km wide and probably represents a remnant of a larger "greenstone" belt which is present to the west.

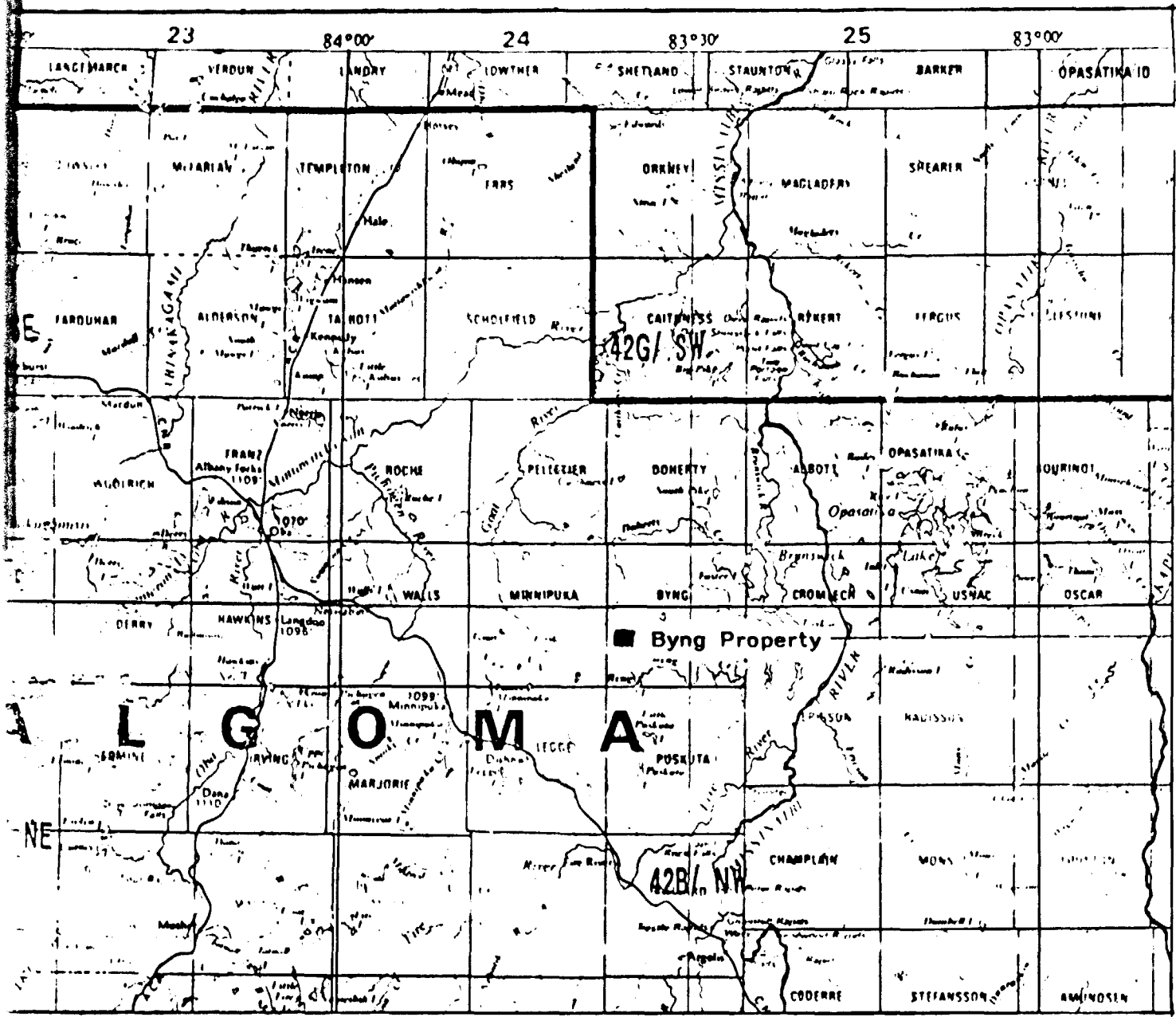
Airborne magnetics surveys flown by the G.S.C. clearly show an east-west trend of high magnetics branching off of the main mafic volcanic band. It is on this east-west trend that the Byng property is located.

An examination of rocks on the property and descriptions contained in drill logs from the area indicated that the volcanics and sediments have been metamorphosed to at least middle amphibolite facies.

## 4.0 PAST WORK

Aside from the regional mapping of Thurston et.al. (1974) very little work has been done in Byng Township. The only previous work on the current property was by the Lecours, who conducted a beep-mat survey, prospecting, trenching and submitted assays. The original property was allowed to lapse and has subsequently been restaked. Prior to the author's visit, several sulphide occurrences had been discovered, mechanical stripping carried out on two areas and a number of samples taken.

Three short diamond drill holes were put down on the east side of the property several years ago. "Good results" were reported to have been obtained, but no hard data is available regarding the



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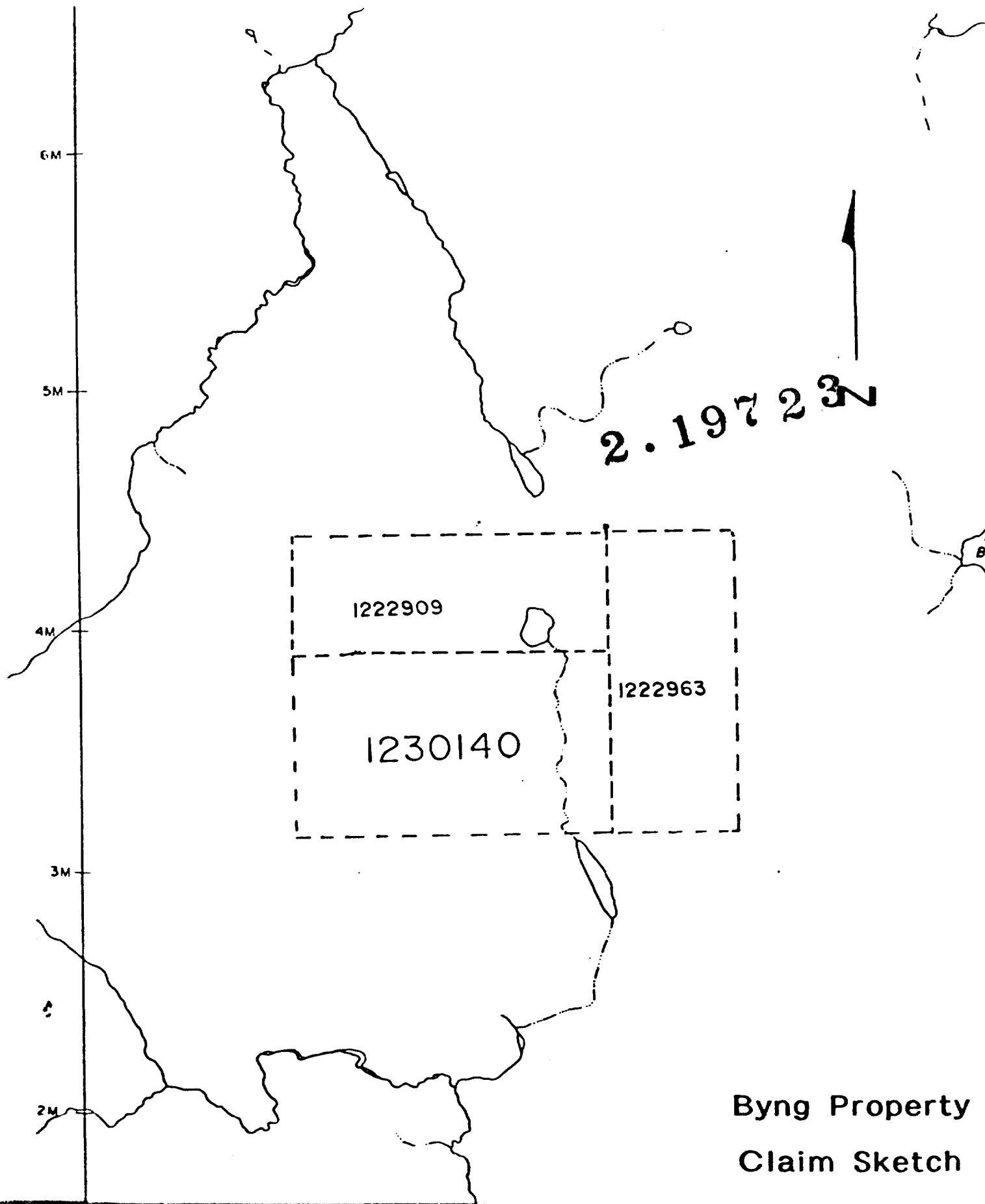
Property Location



Figure 1

Munipakaw

6M  
5M  
4M  
3M  
2M



2.1972

1222909

1230140

1222963

N.  
By

Byng Property  
Claim Sketch

2.19723

results. These holes have been located by Mr. Lecours.

In 1990, Noranda Ltd. and Canamax Resources Ltd. carried out an airborne magnetometer survey over parts of Minnipuka, Byng and Puskuta Townships. Several targets were followed up by diamond drilling. Lithologies intersected included amphibolitic volcanics, quartz-sericite schist and garnetiferous gneisses. Assays were generally disappointing with only occasional anomalous base metal values being noted, up to 1550 ppm Zn and over 800 ppm Cu. Silver values up to 1.0 g/t were also intersected. It is not certain whether all assays were filed for assessment, however.

## 5.0 PROPERTY GEOLOGY

### 5.1 Lithologies

The geology of the property has been previously described by Atkinson (1997). The property appears to be underlain mainly by massive, dark green, amphibolitized mafic volcanics. In the eastern part of the property, the mafic volcanics are strongly foliated and often contain 5-10% epidote. One outcrop exposes massive epidote bands up to 30 cm wide which comprise 50% of the rock. A silicate-oxide facies iron formation is located around the edges of a prominent hill near the centre of the property. The iron formation consists of intercalated bands of dark green amphibole-chlorite-biotite rock, magnetite and sulphidic chert. Up to 20% euhedral garnets, up to 1cm in diameter, are locally present within the amphibolitic bands. Sulphide mineralization occurs within the cherty units and locally in the amphibolitic bands. This is described more fully below.

What appears to be intermediate volcanics were seen near the start of Traverse 1. These consist of massive, medium grained rocks composed of approximately 50% plagioclase and 50% amphibole-chlorite.

At the S1 Showing, fine grained beige to light grey, massive, felsic dykes cross cut the iron formation at a very low angle. The dykes range up to 0.5 m wide and can be traced in the stripping for up to 25 m. Thin aplitic dykelets up to several cm wide, intrude the mafic volcanics on the eastern part of the property in a rectangular pattern.

South of the western most trench at the S1 Showing, a granodiorite occurs. This is massive, homogeneous, weakly foliated and consists of white feldspar quartz and amphibole. Although the contact with the iron formation was not seen, the position in the field suggests that the granodiorite intrudes the iron formation and volcanics.

The western part of the property appears to be underlain by grey gneisses of grandioritic composition.

Cutting all other lithologies are northwest trending diabase dykes up to 10 m wide. These are medium to coarse grained massive, equigranular salt and pepper textured dykes.

## 5.2 Structure

The limited mapping performed on traverses T1 and T2 suggests that the iron formation changes strike from approximately 325 degrees on the western side of the hill to east-west on the north side. West of the hill, on an old bush road, a sulphide horizon appears to strike 030 degrees. A large fold structure is thus inferred. At the S3 stripped area, both S and M folds are present within the laminations of the iron formation. Metre scale M folds were also observed within the sulphide horizon. This indicates a fold nose to be present in this area. The scale of the folding, however, suggests that this may simply be a drag fold on the limb of a larger structure.

## 5.3 Mineralization

Mineralization consists primarily of disseminated to locally semi-massive pyrite and pyrrhotite forming bands or zones within the amphibolitic iron formation or contained within the chert bands. Traces of chalcopyrite are seen within the sulphidic bands and locally, up to 1% chalcopyrite is present. Traces of malachite and azurite are also present and, at one place in the S1 trench, specks of native copper along fractures. Anomalous copper values are common within the bands, with up to 1.75% Cu being reported from previous sampling. Anomalous zinc values are also present, with up to 1.07% Zn reported from a chip sample approximately 1 m long from the summer 1998 sampling program. Unfortunately, this base metal mineralization appears to be confined to narrow, discontinuous pods, even though the enclosing pyrite-pyrrhotite mineralization can be easily traced.

Multiple zones of mineralization appear to be present, however. At the S1 and S2 stripped areas, at least four separate mineralized horizons are exposed. At the S3 area, three separate mineralized horizons are exposed. The mineralization is essentially the same at both areas, the main differences being that at the S3 area, garnets are abundant and the iron formation is tightly folded. Also, a mineralized chert horizon is exposed near the base of the hill west of the S1 area, as well as smaller showings of mineralized iron formation. The relationship of these horizons to those at the stripped showings is not known.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

The Byng property covers part of a band of Archean volcanic and sedimentary rocks which stretches for over 35 km in a northwest-southeast direction. A prominent hill near the centre of the property exposes amphibolitized mafic and intermediate volcanic rocks, iron formation, mafic rocks which may be of volcanic or sedimentary origin and late felsic and diabase dykes. Sulphidic and cherty horizons within the iron formation contain pyrite and pyrrhotite as the main sulphides, but locally contain chalcopyrite and yield anomalous copper and zinc values. Limited mapping suggests that the iron formation forms a large fold structure on the property.

Of some concern to the author is the apparent lack of felsic volcanic rocks, a key component of base metal mining camps. It is possible, however, that these rocks are either not exposed or simply have not yet been found. The persistent occurrence of anomalous, albeit discontinuous zinc and copper

values within the chert and sulphide horizons is evidence that a base metal mineralized system may be present in the area.

In order to advance the property, geophysical surveys are recommended to attempt to define additional targets for mechanical stripping or diamond drilling. Specifically, it is recommended that:

1. A grid should be cut, with the baseline having an east-west-orientation and crosslines spaced not more than 100 m apart. It is suggested that the baseline be started from a point as far away from known exposures of iron formation as possible, in order to avoid magnetic interference.
2. Magnetometer and horizontal loop electromagnetic surveys should be carried out. The magnetometer survey should be able to trace the iron formation, thereby better defining the folding. The HLEM survey will hopefully define the sulphide horizons.
3. Targets defined by the above surveys should be prospected prior to more advanced work (stripping, diamond drilling).
4. If sufficient financial resources are available, a geological survey should also be carried out.

#### **Estimated Exploration Budget: Byng Property**

Linecutting: Aproximately 64 km @ \$250/km	\$16 000
Magnetometer Survey: 64 km @ \$100/km	\$ 6 400
HLEM Survey: 64 km @ \$175/km	\$11 200
Geology Survey: 14 days @ \$225/day	\$ 3 150
Assays: 100 @ \$15 each	\$ 1 500
Reports and Drafting	\$ 3 000
Sub-total	\$41 250
Contingency (10%)	\$ 4 125
<b>Total</b>	<b>\$45 375</b>

**7.0 References**

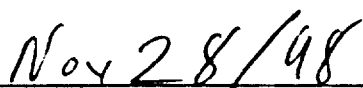
Atkinson, B., 1998, Report of Activities, Timmins Resident Geologist, MNDM.

Thurston, P.C. et al., 1975, Map 2221, Chapleau-Foleyet, Geological Compilation Series, ODM.  
Scale 1:253 440 or 1 inch to 4 miles.

Respectfully submitted for approval,

  
\_\_\_\_\_

Rodney Barber B.Sc.

  
\_\_\_\_\_

Date

2. 197 23

## 8.0 CERTIFICATE OF QUALIFICATIONS

I, **Rodney Alan Barber**, residing at 119 Lois Crescent, Timmins, ON., certify that:

1. I hold a B.Sc. (Honours) in Geology, obtained from Laurentian University, Sudbury, ON in 1988.
2. I have worked within the mineral exploration and mining industries since 1988, with an emphasis on northeastern Ontario for the last 8 years.
3. I personally conducted the geological survey as described in this report and conducted an examination of the showings described.
4. This report and the opinions expressed are based upon the results of the geological mapping, published government reports, assessment files and information provided to me by Mr. and Mrs. Lecours
5. I have no direct or indirect interest in the Byng Property, nor do I expect to receive such for the preparation of this report.

Nov 28/98

Date

R Barber

Rodney A Barber



## APPENDIX I      SAMPLE DESCRIPTIONS

- S3-1      Chip sample/1.3 m  
Amphibole-chlorite-magnetite iron formation with 2% garnet. Fine to medium grained, dark grey. Gossanous on weathered surface. Overall 2-3% fine to medium grained disseminated pyrite/pyrrhotite, minor chalcopyrite. Locally up to 10% sulphides
- S3-2      Channel sample/1.4 m  
Quartz vein zone near offsetting fracture. Amphibolitic host rock. 30% quartz veinlets. 10-20% garnets, 3-6 mm in diameter. Locally up to 10% fine grained disseminated pyrite/pyrrhotite, but 2-3% overall.
- S3-3      Grab sample  
Quartz vein, 2-25 cm wide. White, milky quartz with 1% medium to coarse grained magnetite. Vein strikes 100° (?) dip 20° NE.

# **APPENDIX II**

## **Assay Results**





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: LECOURS, RITA

P.O. BOX 1001  
HEARST, ON  
P0L 1N0

Project: VISION  
Comments: ATTN: RITA LECOURS

Page Number : 1  
Total Pages : 1  
Certificate Date: 22-SEP-1998  
Invoice No. : I9831209  
P.O. Number :  
Account : MYJ

## CERTIFICATE OF ANALYSIS

A9831209

SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Zn ppm							
GRAB	205 226	< 5	506	>10000							
SI-SA1	205 226	-----	366	670							
SI-SA2	205 226	< 5	899	850							
SI-SA3	205 226	< 5	183	510							
SI-SA4	205 226	-----	297	440							
SI-SA5	205 226	-----	182	250							
SI-SA6	205 226	-----	239	880							
SI-SA7	205 226	< 5	420	1350							
SI-37	205 226	< 5	939	630							

2.19723

CERTIFICATION: Mark Riddell



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6183

To: LECOURS, RITA

P.O. BOX 1001  
HEARST, ON  
POL 1N0

Project: VISION  
Comments: ATTN: RITA LECOURS

Page Number : 1  
Total Pages : 1  
Certificate Date: 28-SEP-1993  
Invoice No. : 19831829  
P.O. Number :  
Account : MYJ

## CERTIFICATE OF ANALYSIS

A9831829

SAMPLE	PREP CODE	Zn %									
GRAB	244 --	1.07									

2-19723  
2-2612

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: LECOURS, RITA

P.O. BOX 1001  
HEARST, ON  
POL 1N0

Project: VISION  
Comments:

Page Number : 1  
Total Pages : 1  
Certificate Date : 07-NOV-1  
Invoice No. : 19835147  
P.O. Number :  
Account : MYJ

## CERTIFICATE OF ANALYSIS

A9835147

SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Zn ppm							
#3-1	205 226	< 5	275	125							
#3-2	205 294	< 5	-----	-----							
#3-3	205 226	< 5	-----	-----							

2.19723

CERTIFICATION: Hart Rieder



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: LECOURS, RITA

P.O. BOX 1001  
 HEARST, ON  
 POL 1N0

Project: VISION  
 Comments: ATTN: RITA LECOURS

Page Number : 1  
 Total Pages : 2  
 Certificate Date: 08-SEP-1998  
 Invoice No : 19829273  
 P.O. Number :  
 Account : MYJ

## CERTIFICATE OF ANALYSIS

### A9829273

SAMPLE	PREP CODE	Cu ppm	Zn ppm							
#I-1	205 226	237	326							
#I-2	205 226	194	248							
#I-3	205 226	139	102							
#I-4	205 226	226	670							
#I-5	205 226	124	140							
#I-6	205 226	313	254							
#I-7	205 226	581	388							
#I-8	205 226	530	165							
#I-9	205 226	176	2440							
#I-10	205 226	762	366							
#I-11	205 226	96	193							
#I-12	205 226	105	184							
#I-13	205 226	12	95							
#I-14	205 226	104	339							
#I-15	205 226	229	71							
#I-16	205 226	219	378							
#I-17	205 226	483	1370							
#I-18	205 226	180	93							
#I-19	205 226	160	300							
#I-20	205 226	73	144							
#I-21	205 226	145	178							
#I-22	205 226	53	39							
#I-23	205 226	208	241							
#I-24	205 226	56	38							
#I-25	205 226	137	91							
#I-26	205 226	183	551							
#I-27	205 226	210	413							
#I-28	205 226	389	446							
#I-29	205 226	118	63							
#I-30	205 226	16	30							
#I-31	205 226	208	190							
#I-32	205 226	174	61							
#I-33	205 226	251	123							
#I-34	205 226	331	1225							
#I-35	205 226	767	117							
#I-36	205 226	195	436							
#I-37	205 226	534	1275							
#I-38	205 226	93	78							
#I-39	205 226	190	728							
#I-40	205 226	430	368							

2.19723

CERTIFICATION: Hartfelder



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: LECOURS, RITA

P.O. BOX 1001  
HEARST, ON  
POL 1N0

Project: VISION  
Comments: ATTN: RITA LECOURS

Page Number 2  
Total Pages 2  
Certificate Date 08-SEP-19  
Invoice No 19829273  
P.O. Number  
Account : MYJ

## CERTIFICATE OF ANALYSIS

A9829273

SAMPLE	PREP CODE	Cu ppm	Zn ppm							
SI-41	205 226	30	49							
SI-42	205 226	120	195							
SI-43	205 226	303	161							
SI-44	205 226	381	191							

2.19723

CERTIFICATION: Hart Rieker



## Work Performed in 1999

The work performed on claim # 1230140 in 1999 consists of trenching to remove overburden on two different sites, S199 and S4, see attached maps for location and dimensions.

Additional work was done to clean loose overburden for trenched area. The work was performed by Rita Lecours prosp. Lic. # M25343 and Gerald Lecours prosp. Lic. # M25434. The dates the work was performed is listed below.

The type of equipment used was a John Deere 230 excavator and float and truck for transportation of the excavator, a pickup truck was used for personal transportation.

The dates the equipment was used is.

Aug. 9 /99	John Deere 230	- 9 hrs
Aug 9 /99	Float + Truck	- 3 hrs
Aug 19, 20 /99	clean stripped area,	labour

The rates of the equipment **2.19723**

John Deere 230	\$ 115 <sup>00</sup> /hr
Float + Truck	80 <sup>00</sup> /hr
labour	\$ 100 <sup>00</sup> /day

Work performed in 1999

The cost of the work performed is listed as

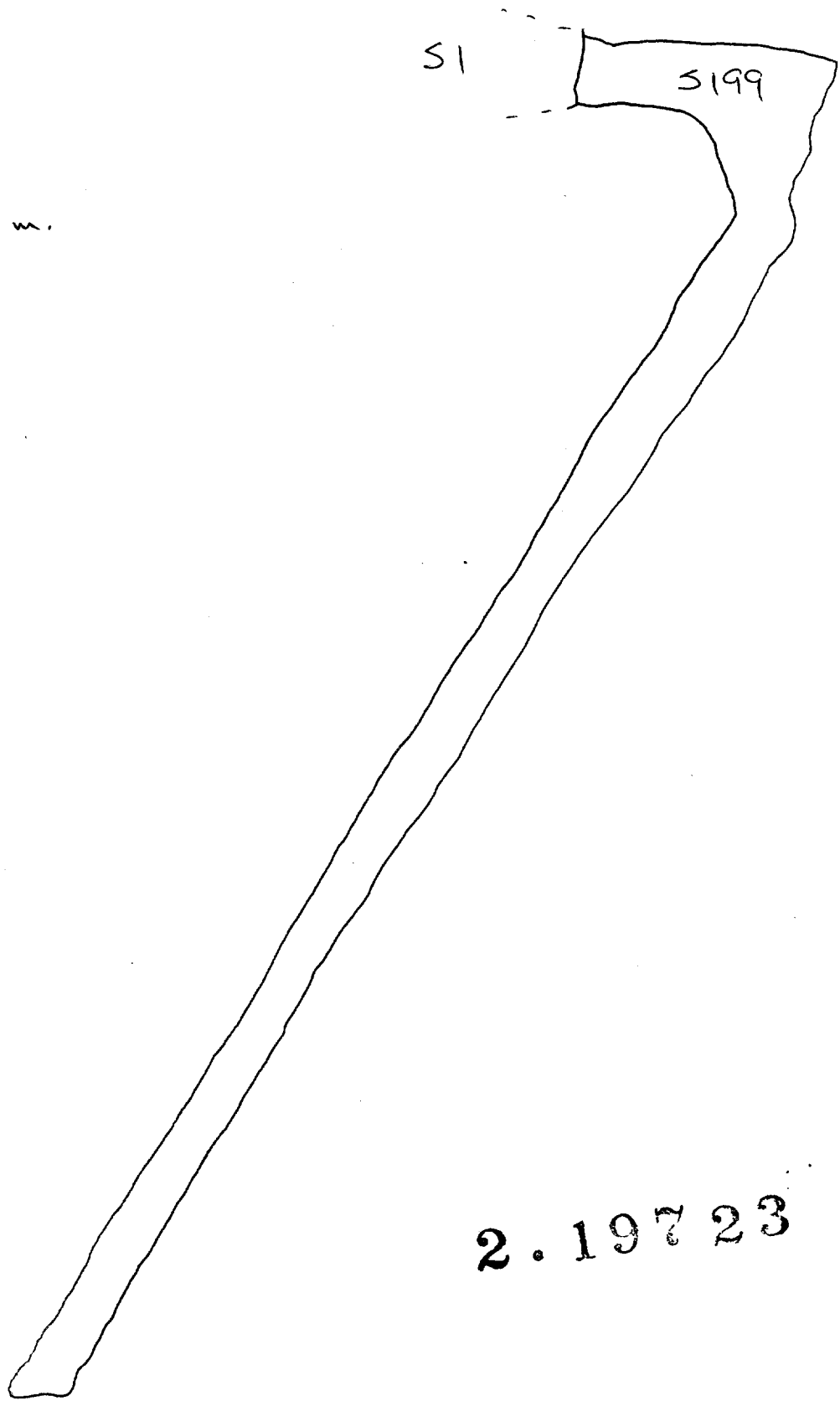
excavation	1962 <sup>25</sup>
labour for cleaning	400 <sup>00</sup>
transp. (personal)	198 <sup>00</sup>

2.19723

Stripped Area  
# 5199

N  
8°W decl.

0 3 6 9 m.  
1:300

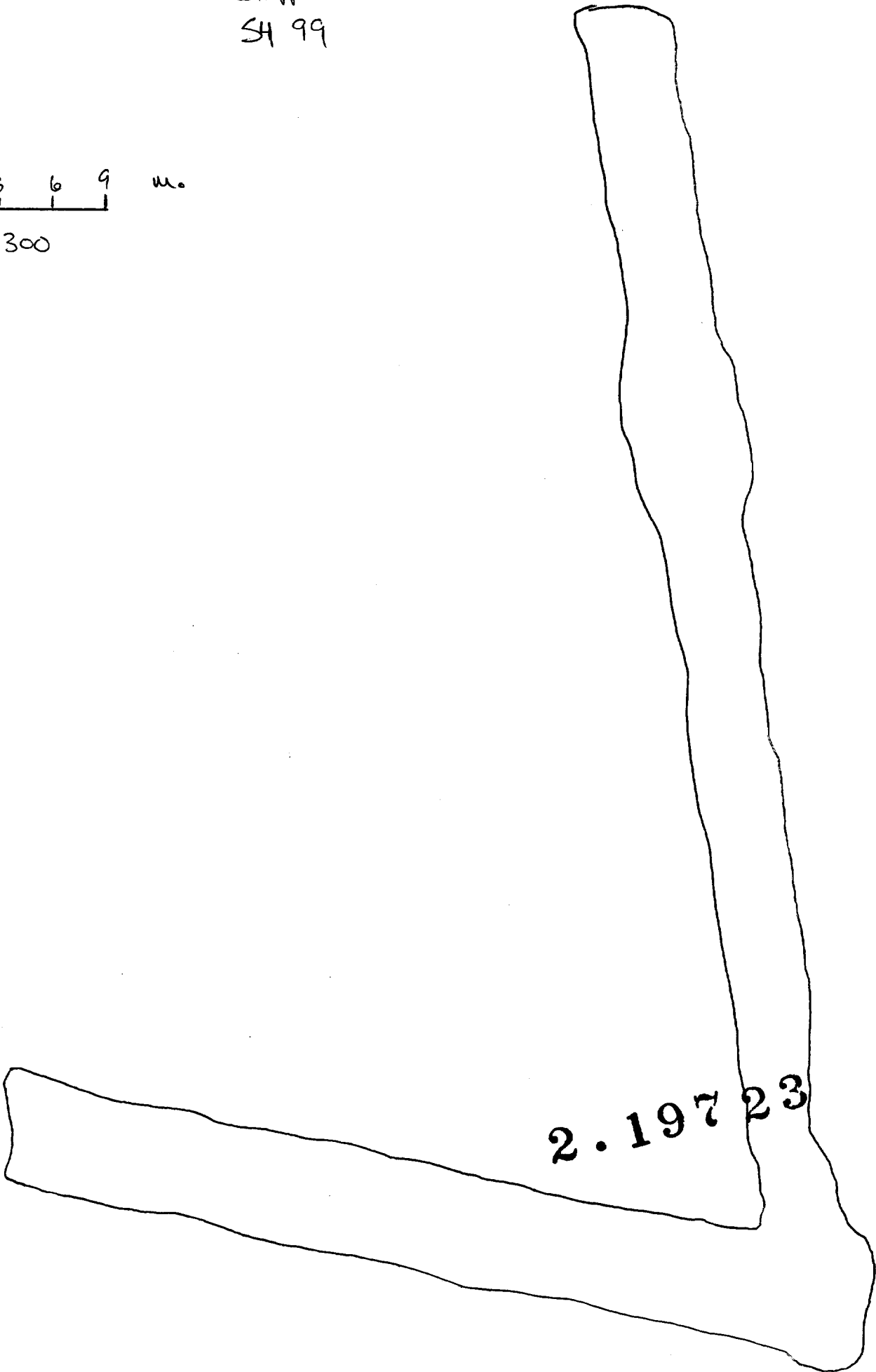


2. 197 23

Stripped Area,  
SH 99

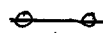

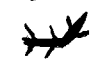

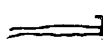
0 3 6 9 m.  
1:300

N  
↑  
8° w decl.

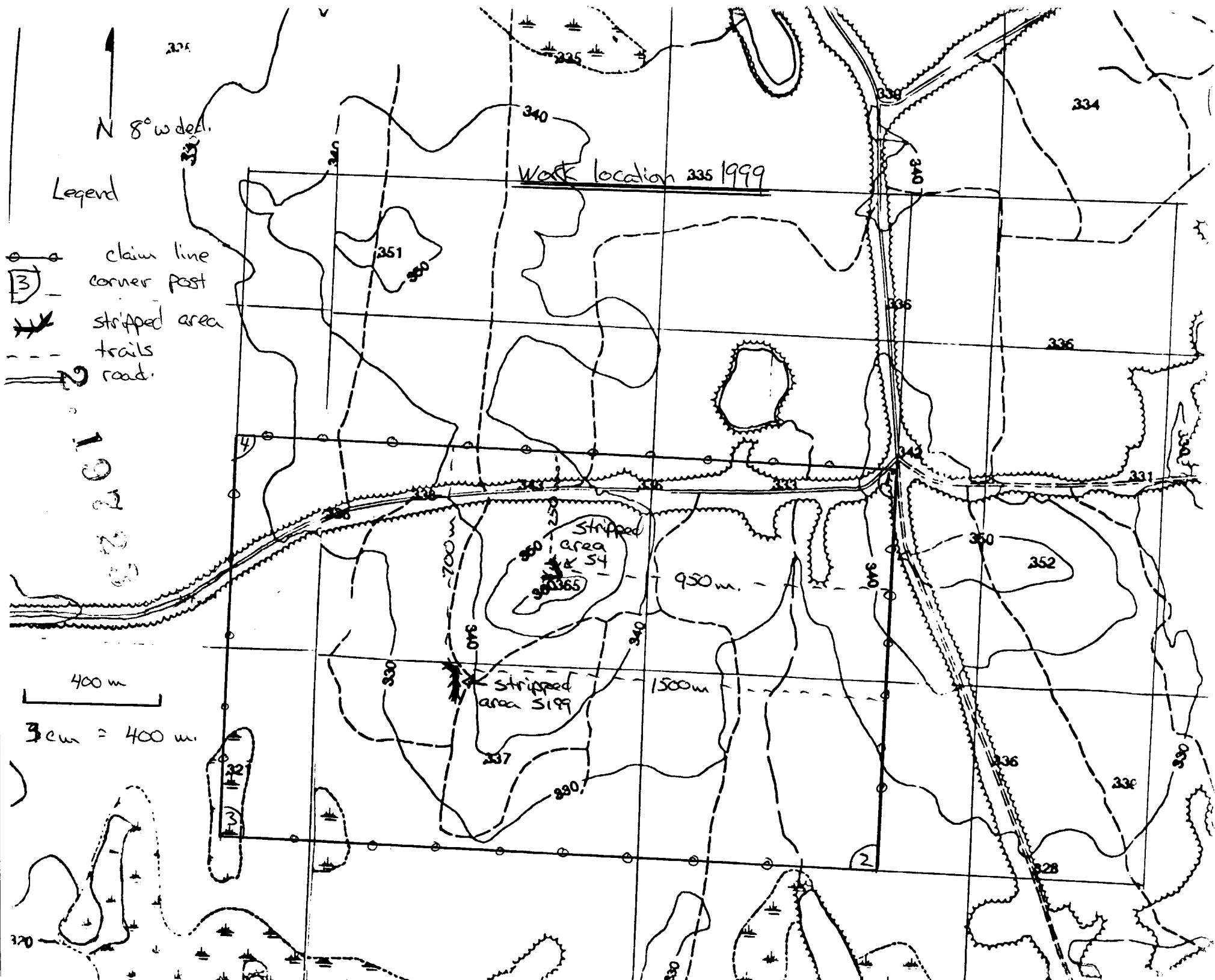


N 8° w decl.

Legend

-  claim line
-  corner post
-  stripped area
-  trails
-  road.

Work location 335 1999



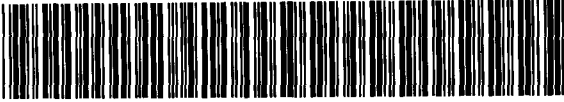


Ministry of Northern Development and Mines

# Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) <i>W9960 SD374</i>
Assessment Files Research Imaging



42B13NE2001 2.19723 BYNG

900

**19723**

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Act, the holder is required to review the assessment work and correspond with the mining land holder. The holder should contact the Mining Recorder, Ministry of Northern Development and Mines, 6th Floor,

PROVINCIAL RECORDING OFFICE - SUDBURY <b>RECEIVED</b> SEP 22 1999 A.M. 10:50 P.M. 7 8 9 0 1 2 3 4 5 6
---

**Instructions:** - For work performed on Crown Lands before recording a claim, use form 0240.  
- Please type or print in ink.

**1. Recorded holder(s) (Attach a list if necessary)**

Name <i>Rita Lecours</i>	Client Number <i>294306</i>
Address <i>Box 1001 Hearst</i>	Telephone Number <i>705 362 4748</i>
<i>POLINO</i>	Fax Number <i>705 362 8573</i>
Name <i>Gerald Lecours</i>	Client Number <i>300419</i>
Address <i>Box 1301 Hearst</i>	Telephone Number <i>705 362 5193</i>
<i>POLINO</i>	Fax Number <i>705 362 8573</i>

**2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.**

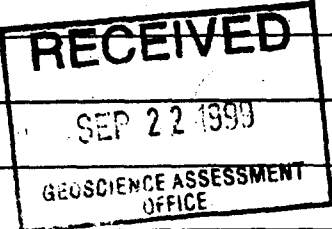
- Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling, stripping, trenching and associated assays       Rehabilitation

Work Type <i>Trenching</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$6842</i>
Dates Work Performed From <i>21</i> Day <i>08</i> Month <i>98</i> Year To <i>20</i> Day <i>08</i> Month <i>99</i> Year	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>PORCUPINE</i>
Township/Area <i>Byng twp.</i>	Resident Geologist District <i>Timmins</i>
M or G-Plan Number <i>6-2294</i>	

- Please remember to:**
- obtain a work permit from the Ministry of Natural Resources as required;
  - provide proper notice to surface rights holders before starting work;
  - complete and attach a Statement of Costs, form 0212;
  - provide a map showing contiguous mining lands that are linked for assigning work;
  - include two copies of your technical report.

**3. Person or companies who prepared the technical report (Attach a list if necessary)**

Name <i>Gerald Lecours</i>	Telephone Number <i>705 362 5193</i>
Address <i>Box 1301 Hearst POLINO</i>	Fax Number <i>705 362 8573</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



**4. Certification by Recorded Holder or Agent**

I, *Gerald Lecours* (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Gerald Lecours</i>	Date <i>Sept 19/99</i>
Agent's Address	Telephone Number
	Fax Number

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

W9960-150374

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1230140	15	\$6847 <sup>10</sup>	\$6847 <sup>10</sup>		
2					
3					
4				2.19723	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		6847 <sup>10</sup>			

I, Gerald Le cours, do hereby certify that the above work credits are eligible under subsection 7(1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

*Gerald Le cours*

Date

19 Sept / 99

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

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

**For Office Use Only**

Received Stamp

**RECEIVED**  
SEP 22 1999  
GEOSCIENCE ASSESSMENT

Deemed Approved Date

Date Notification Sent

Date Approved

Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

1998 2.19723

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Trenching	41 hrs	\$55 <sup>00</sup> /hr	2412 <sup>85</sup>
Geology report	2 days	\$225 <sup>00</sup> /day	450 <sup>00</sup>
Cleaning loose overburden	4 days @ 2 person	\$100 <sup>00</sup> /day per person	800 <sup>00</sup>
Assays			389 <sup>00</sup>
Prospecting	2 days @ 2 person	\$100 <sup>00</sup> /day per person	400 <sup>00</sup>
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
Bus cost for assay shipping to lab			37 <sup>00</sup>
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p><b>RECEIVED</b></p> <p>SEP 22 1999</p> <p>GEOSCIENCE ASSESSMENT OFFICE</p> </div>			
<b>Transportation Costs</b>			
1200 km, travelling to + from property		33 <sup>00</sup> /km	396 <sup>00</sup>
<b>Food and Lodging Costs</b>			
<b>Total Value of Assessment Work</b>			4884 <sup>85</sup>

**Calculations of Filing Discounts:**

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK  $\times$  0.50 = TOTAL \$ value of work claimed.

**Note:**

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

**Certification verifying costs:**

I, Gerald Lecours (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as recorded holder I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: [Signature] Date: Sept 19 1999



2.19723

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

1999

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Trenching	9 hrs and 3 hrs Float	9 @ \$15/hr and 3 @ \$89/hr	1364 <sup>25</sup>
Cleaning of trench	2 days @ 2 men	\$100/day per man	400 <sup>00</sup>
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p><b>RECEIVED</b></p> <p>SEP 22 1999</p> <p>GEOSCIENCE ASSESSMENT OFFICE</p> </div>			
<b>Transportation Costs</b>			
600 km transportation to and from the property		33 <sup>¢</sup> /km	198 <sup>00</sup>
<b>Food and Lodging Costs</b>			
<b>Total Value of Assessment Work</b>			1962 <sup>25</sup>

**Calculations of Filing Discounts:**

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK                      × 0.50 =                      Total \$ value of worked claimed.

**Note:**  
 - Work older than 5 years is not eligible for credit.  
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

**Certification verifying costs:**

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Signature <u>Gerald Leccours</u>	Date <u>SEP 19 1999</u>
-------------------------------------	----------------------------

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

Telephone: (888) 415-9845  
Fax: (877) 670-1555

January 25, 2000

RITA MARIA LECOURS  
BOX 1001  
HEARST, ONTARIO  
P0L-1N0

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19723

**Status**

**Subject: Transaction Number(s):** W9960.00374 Approval After Notice

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact BRUCE GATES by e-mail at [bruce.gates@ndm.gov.on.ca](mailto:bruce.gates@ndm.gov.on.ca) or by telephone at (705) 670-5856.

Yours sincerely,



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

# Work Report Assessment Results

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**Submission Number:** 2.19723

**Date Correspondence Sent:** January 25, 2000

**Assessor:** BRUCE GATES

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9960.00374	1230140	BYNG	Approval After Notice	January 13, 2000

**Section:**

9 Prospecting PROSP

12 Geological GEOL

10 Physical PSTRIIP

The revisions outlined in the Notice dated November 29, 1999, have for the most part been corrected. Accordingly, assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission.

**Correspondence to:**

Resident Geologist  
South Porcupine, ON

Assessment Files Library  
Sudbury, ON

**Recorded Holder(s) and/or Agent(s):**

RITA MARIA LECOURS  
HEARST, ONTARIO

GERALD YVON LECOURS  
HEARST, ONTARIO

---

**AREAS WITHDRAWN FROM DISPOSITION**

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description Order No. Date Disposition File

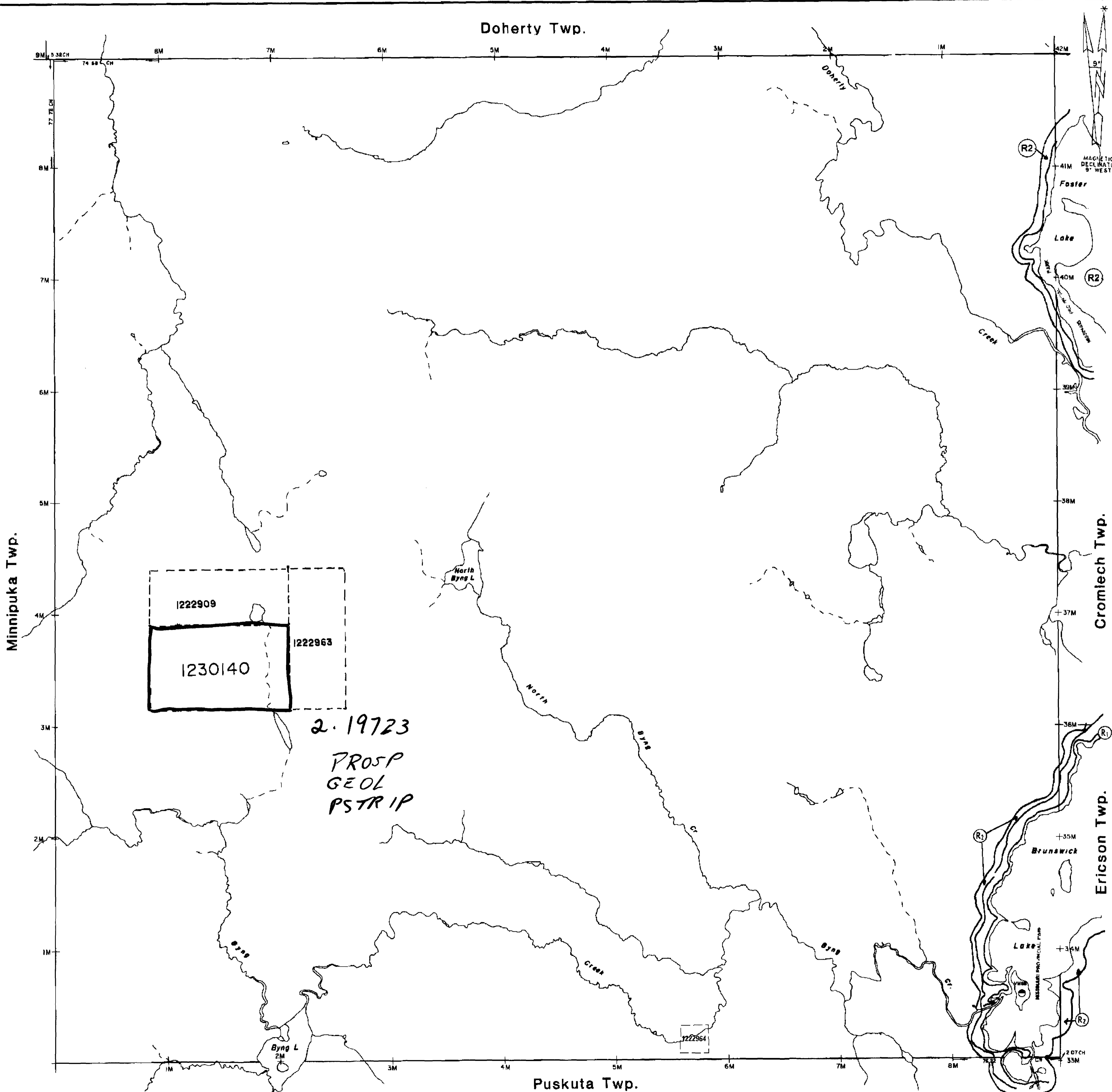
1) 400' W-64/76 OCT 22/76 SR & MR EITHER SIDE OF BRUNSWICK RIVER, SHORES OF BRUNSWICK & FOSTER LAKES

2) PROPOSED MISSISSAUGA PARK BOUNDARY EXPANSION NOTICE RECEIVED JULY 4, 1991

**SAND & GRAVEL**



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES. FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



**LEGEND**

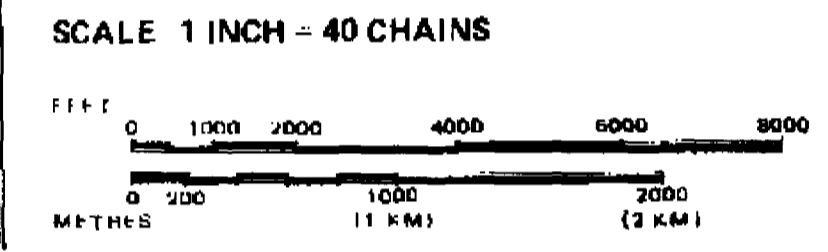
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

**DISPOSITION OF CROWN LANDS**

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	DC
ORDER-IN-COUNCIL RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊕

LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS

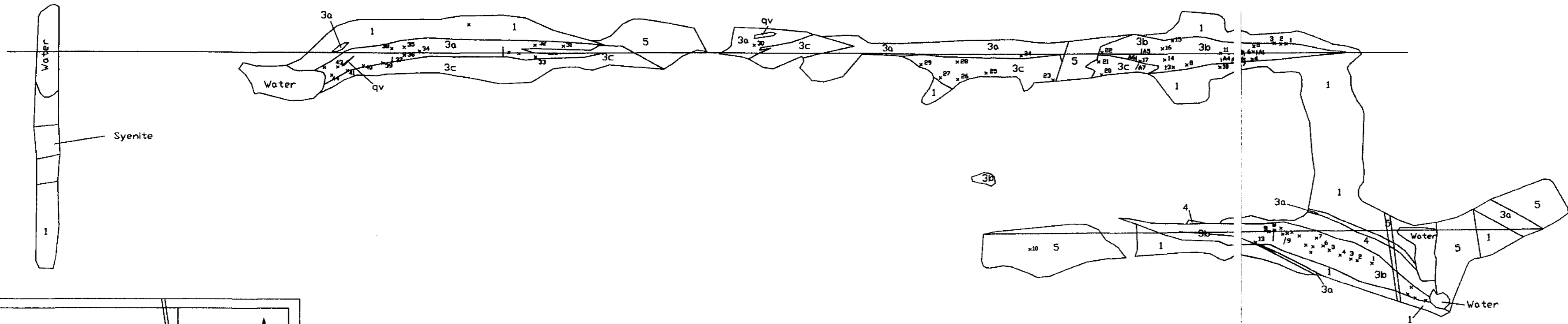
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 350, SEC. 63, SUBSEC. 1.



TOWNSHIP  
**BYNG**  
M.N.R. ADMINISTRATIVE DISTRICT  
**HEARST**  
MINING DIVISION  
**PORCUPINE**  
LAND TITLES / REGISTRY DIVISION  
**ALGOMA**

Ministry of Natural Resources Ontario  
Ministry of Northern Development and Mines

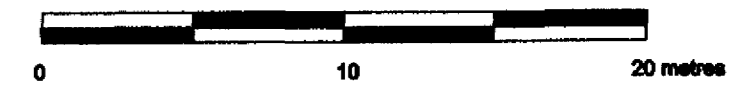
Date: JULY, 1992  
Number: **G-2294**  
ACTIVATED AUGUST 16, 1990 BY D.L.  
CHECKED BY: B.B.



LEGEND

- 5 Diabase
- 4 Felsic Dykes
- 3c Cherty, pyritic Iron Formation
- 3b Sulphidic Iron Formation
- 3a Magnetite-Amphibole Iron Formation  
gnti denotes garnet bearing
- 2 Intermediate Volcanics
- 1 Mafic Volcanic/Sediment
- x 10 Sample Location, Number
- Roads
- Trails
- Lakes, streams

Scale 1:250



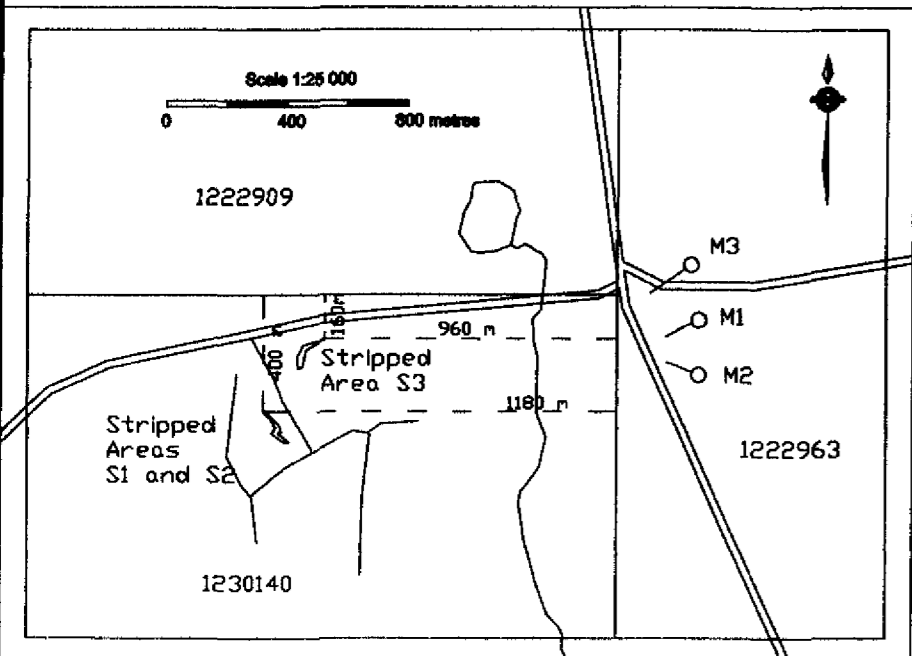
Lecours Property

Stripping S1 and S2  
Geology and Sample Locations

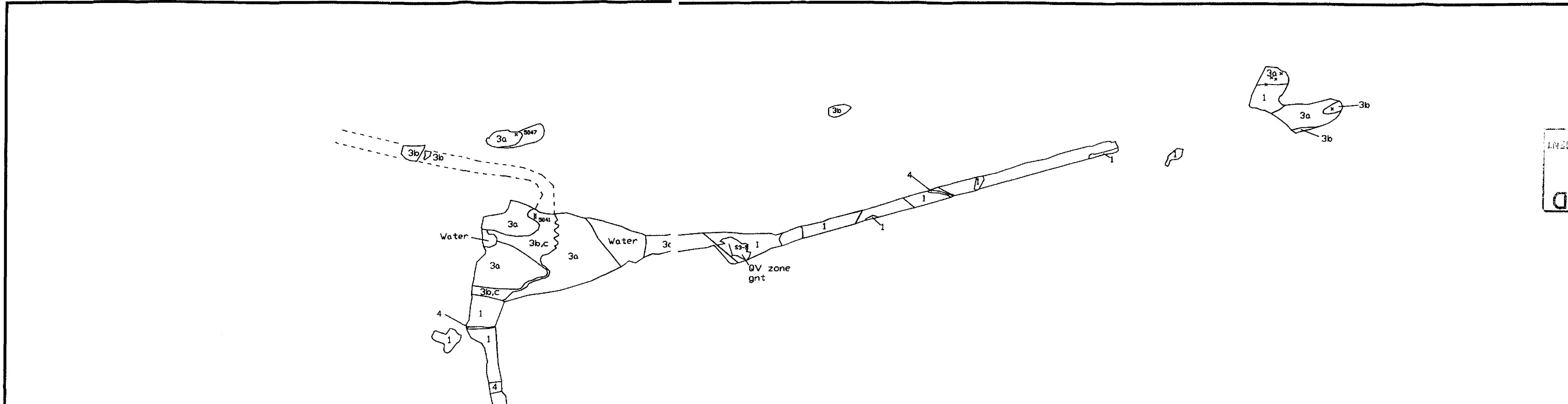
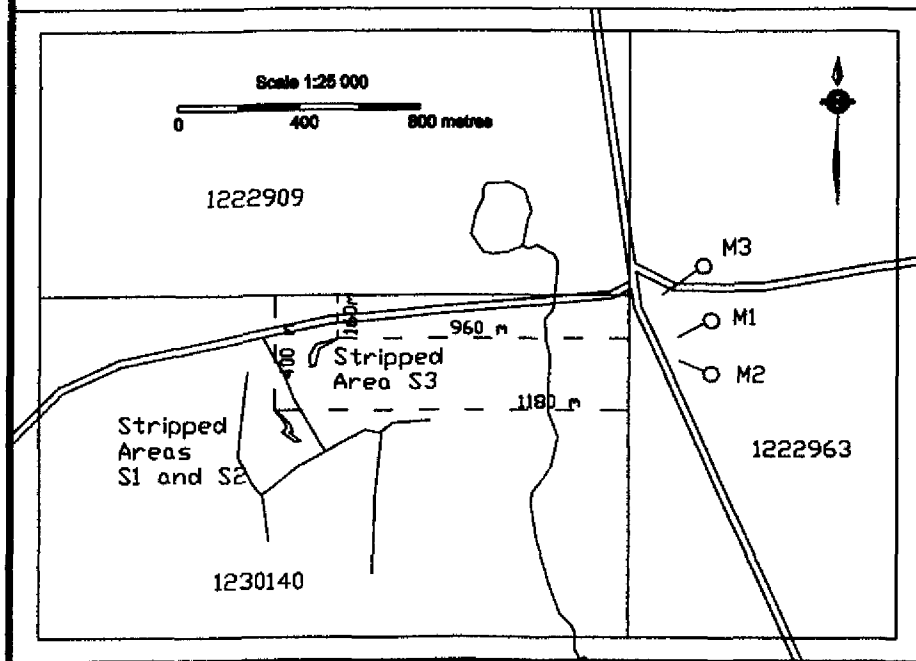
Byng Township  
Porcupine Mining Division  
District of Cochrane

Geology by: R.B. Oct. 1998 | Drawn: Nov. 1998 | Revised:

RECEIVED  
SEP 22 1999  
GEOSCIENCE ASSESSMENT  
OFFICE

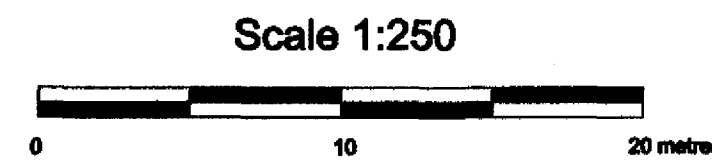


42B13NE2001 2.19723 BYNG 210



RECEIVED  
SEP 22 1999  
GEOLOGICAL ASSESSMENT  
OFFICE

- LEGEND
- 4 Felsic Dykes
  - 3c Cherty, pyritic Iron Formation
  - 3b Sulphidic Iron Formation
  - 3a Magnetite-Amphibole Iron Formation  
gnt: denotes garnet bearing
  - 2 Intermediate Volcanics
  - 1 Mafic Volcanic/Sediment
  - x 18 Sample Location, Number
  - Roads
  - - - Trails
  - Lakes, streams



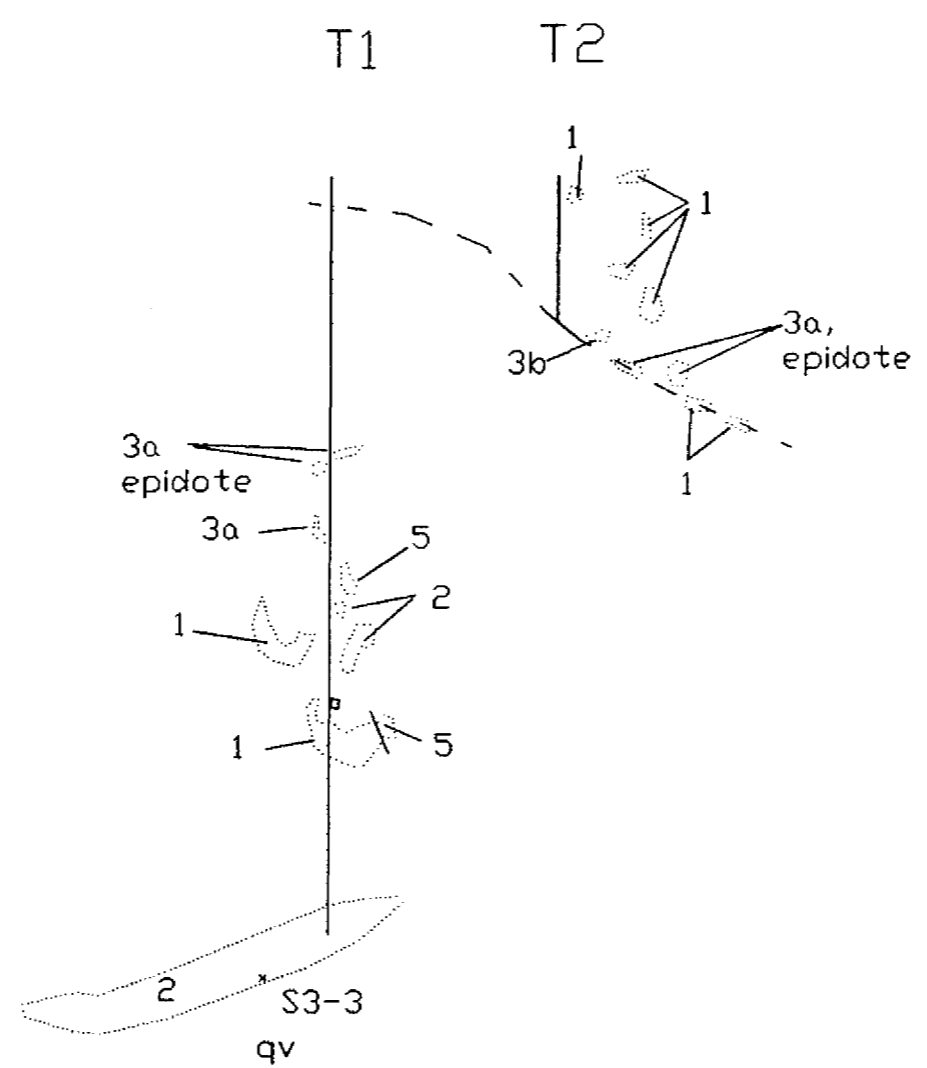
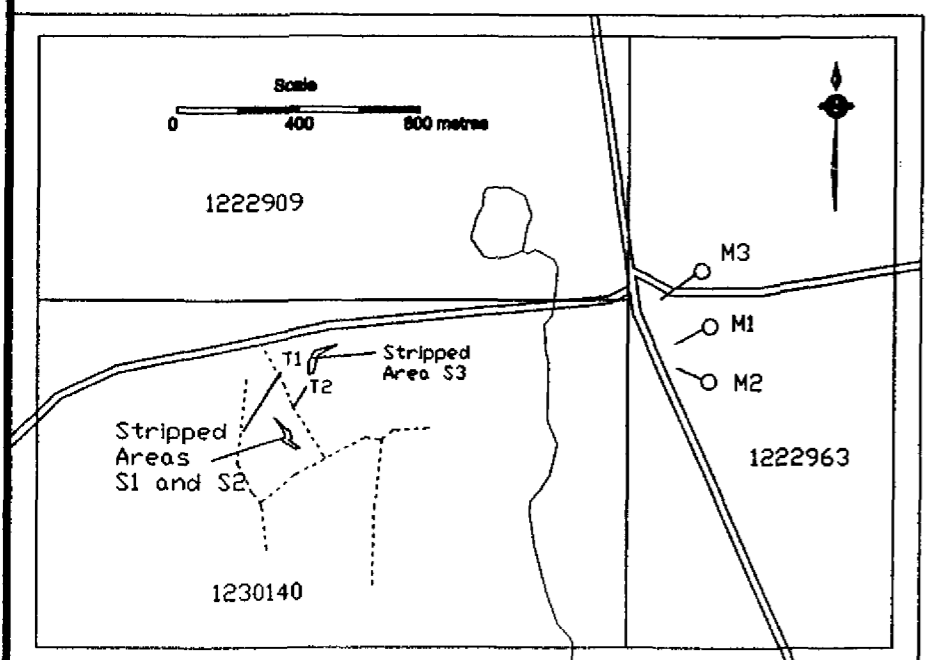
**Lecours Property**

**Stripping S3**

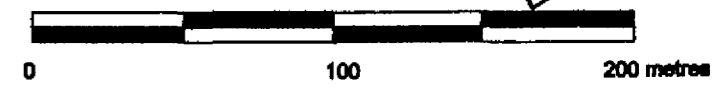
**Geology and Sample Locations**

Byng Township  
Porcupine Mining Division  
District of Cochrane

Geology by: R.B. Oct. 1998 | Drawn: Nov. 1998 | Revised:



- 5 Diabase
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- 3c Cherty, pyritic Iron Formation
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- 3a Magnetite-Amphibole Iron Formation  
gnt: denotes garnet bearing
- 2 Intermediate Volcanics
- 1 Mafic Volcanic/Sediment
- x 18 Sample Location, Number
- Roads
- - - Trails
- Lakes, streams
- Outcrop



## Lecours Property

### Traverses T1 and T2 Bedrock Geology

Byng Township  
Porcupine Mining Division  
District of Cochrane

Geology by: R.B. Oct. 1998 | Drawn: Nov. 1998 | Revised:

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