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**TOTEM MINING CORP.
MATHESON PROPERTIES
Tax, Irish, Munro Fault Zone
&
Clodan Prospects
Report on the 1997 Exploration Program
Matheson, Ontario
NTS 42A09**

SUMMARY

Four properties were examined in the Matheson area in 1997. These are the Tax, Clodan, Irish and Munro Fault Zone prospects.

The Tax prospect is underlain by syenite and volcanics, the syenite having returned anomalous gold values (0.32 ounce per ton Au over three feet) in 1965. The property has been the object of a Mag, HLEM and IP survey, identifying a number of east-west trending conductors. This survey was followed by a three hole diamond drilling program totaling 1 016 feet.

The Irish prospect is underlain by felsic intrusives and volcanics. It is located less than 1 kilometer to the north of a recent gold discovery by Moneta Porcupine Mines Inc. (1998). This zone (Noel zone) returned 2.31 g/t Au over 91.1 meters, including 31.3 meters at 3.64 g/t Au in hematized syenite with pyrite disseminations and fracture fillings. The Irish prospect was the object of a three hole diamond drilling program totaling 294.7 meters. Target selection was based on previously existing geophysical data.

The Munro Fault Zone prospect is underlain by syenite separated from mafic to ultramafic volcanics by the Munro Fault Zone. The property has been the object of a Mag, VLF and IP survey, followed by a two hole diamond drilling program totaling 821 feet.

The Clodan prospect is underlain by alternating intermediate to mafic volcanics interbedded with rhyolite. The property was subjected to a Mag, HLE and IP survey, followed by a two hole diamond drilling program totaling 632 feet.

Of these four properties, both the Tax and Munro Fault Zone returned anomalous gold values. Further work is recommended at both the Tax and the Irish prospect.



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1.0 INTRODUCTION

Totem Mining Corp. conducted an exploration program on four of its properties in the Matheson area in 1997. These properties are the Tax, Irish, Munro Fault Zone and Clodan prospects. All work was done through the supervision of Anglaumaque Explorations Inc. Geophysics were contracted to Geola Inc., Diamond drilling was contracted to Major Dominik drilling.

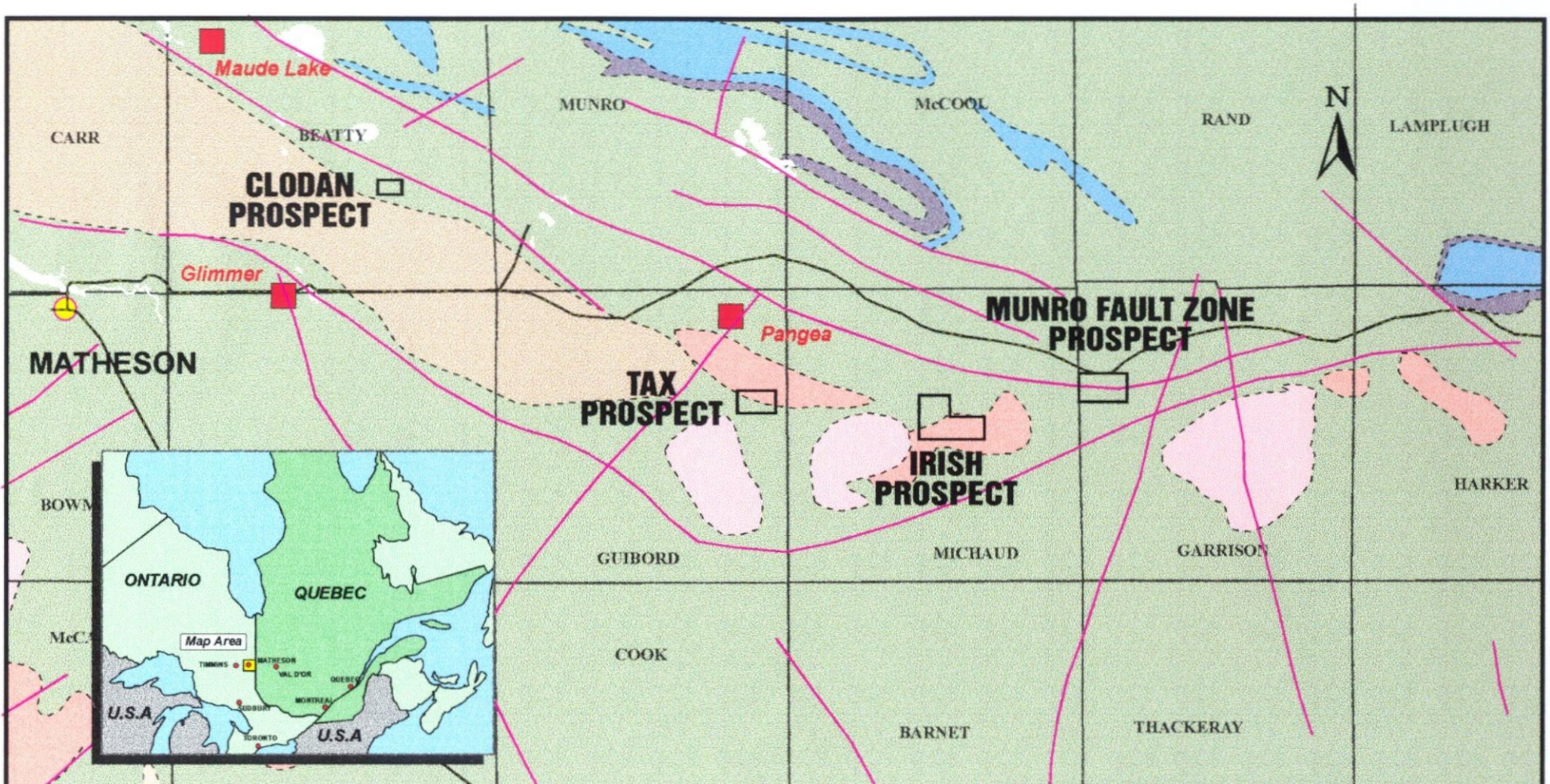
Following is a brief account of the regional geology, local geology and a list of the historical work done each of these properties, followed by detailed descriptions of the drill holes and a discussion of the results. Based on this information, a series of recommendations are proposed.

2.0 REGIONAL GEOLOGY

The area is located in the western part of the Abitibi Greenstone Belt of the Canadian Shield (figure 1). From north to south, one notes ultramafic to felsic rocks of the Stoughton-Roquemaure Group, Porcupine Group sediments and mafic to felsic volcanic rocks of the Kinojevis Group. This sequence forms the north limb of a broad synclinorium centered on the Blake River Group further to the southeast. All volcanic and sedimentary rocks in the area strike WNW and dip steeply to the south. The area was the object of regional mapping by Satterly & Armstrong (1947), Prest (1951) and Jensen (1986); the reader is referred to this work for a detailed review of the geology.

The volcanic and sedimentary rocks described above are cut by several mafic to felsic intrusive rocks which commonly strike along the local structural grain. These occur mostly as dykes and sills of feldspar porphyry, lamprophyre, gabbro and Proterozoic diabase.

Several important fault zones are noted in the Matheson area. The Destor-Porcupine Fault grossly follows the contact between Kinojevis Group volcanics and Porcupine Group sediments from central Guibord township to southern Beatty and Carr townships. The Contact Fault affects the north contact of the Porcupine Group with the Stoughton-Roquemaure Group from northern Beatty township to southwestern Guibord township. Both the Pipestone and Center Hill faults affect the Stoughton-Roquemaure volcanics in Munro and McCool townships. All these faults strike southeasterly from Beatty to



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**REGIONAL GEOLOGY
MATHESON AREA**

Figure 1

Michaud township; they then merge and strike eastward from Garrison and Harker townships.

The disposition of these fault zones suggests a dextral movement along the fault planes which is concordant with a regional North-South compression. A tensional regime oriented NNE-SSW would therefore be a result of this deformation.

The known gold deposits and showings within the area are structurally related to the fault disposition described above. Among the most important recent discoveries is the Fenn-Gib Deposit of Pangea Goldfields Inc. (40.7 million tonnes at 1.33 g/t Au) located along the Contact Fault some 11 km to the east of Beatty township. The Glimmer deposit (1.3 million tonnes at 9.94 g/t) which is about to enter production in southern Beatty township. In addition to the structural associations, many of the showings are also related to intermediate to felsic intrusive rocks (New Kelore, Fenn-Gib).

Base metals (Potter Mine and Potterdoal Mine) and asbestos (Munro Mine) also occur in the immediate area. They are related to a differentiated basic and ultrabasic sill and felsic pyroclastics (Potter Mine) located along the south limb of the McCool Hill Syncline to the northeast of the claim group (Satterley, 1951).

3.0 TAX PROSPECT

The Tax prospect consists of a single claim (1211975), three units in size covering 120 acres (figure 2) in the eastern part of Guibord townships (NTS 42A/09). The property has been optioned by Totem Mining Corporation from 297 3090 Canada Inc. Access is from the east by a trail leading north to Wayne lake from highway 101 along the Michaud/Guibord township line; Wayne lake is at the eastern boundary of the property.

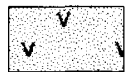
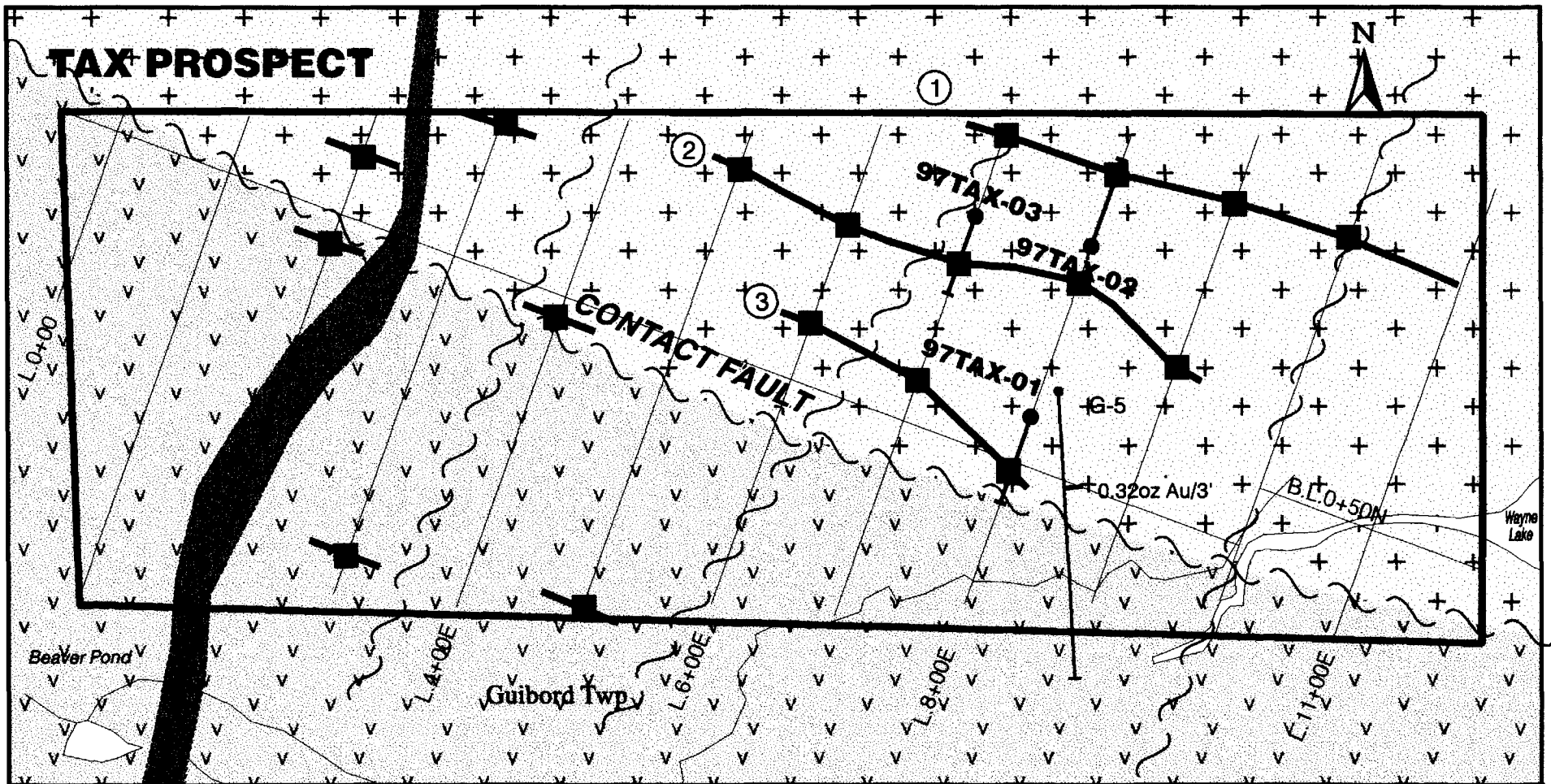
3.1 Local Geology

Only two outcrops are known at the Tax prospect, the rest of the property being covered with glacial clays, sands and gravels. Both of these exposures consist of coarse grained syenite cross-cut by a E-W to ESE trending and strongly dipping shistosity. The Contact fault zone is believed to place the south edge of this syenite body in structural contact with mafic volcanics. Although these volcanics are not exposed in the immediate vicinity of the property, this change of lithology in the southwest corner of the property is supported by data from the township airborne magnetic survey.

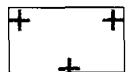
A diamond drill hole was collared in 1965 by Hollinger Consolidated Gold Mines Ltd. in the eastern part of the property. This hole intersected syenite, feldspar porphyry and lamprophyre; a three foot interval returned significant gold values from a pyrite-bearing grey quartz vein in syenite. Gold mineralization at the Fenn-Gib deposit five kilometers WNW of the Tax prospect occurs as disseminations next to the Contact fault in this same syenite body.

3.2 PREVIOUS WORK HISTORY

Very little previous work is recorded on the Tax prospect (Table 1). The regional mapping of the township was completed in 1951 (Prest, 1951), the only significant exploration effort on the property since that time was made by Hollinger Consolidated Gold Mines Ltd. in 1965-66. They covered the area (including the Tax prospect) with a geological, ground magnetometer and electromagnetic survey. This was followed by a diamond drilling campaign. One of their holes (G-5) was collared on the Tax prospect. This 1 050 foot hole plunging due south at 45° intersected syenite cross-cut by various dykes of syenite and lamprophyre. A three foot section from 237.5 to 243 feet showed disseminated pyrite in syenite next to a two inch quartz-pyrite vein; it returned an assay value of 0.32 ounce per ton Au. No other significant gold assays are noted, but a few other intervals showed quartz veining and silicification. Hollinger collared a second



VOLCANICS



FELSIC INTRUSIVES



DIABASE DYKE



IP ANOMALY



FAULT

SCALE 1:5000



200 metres

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TAX PROSPECT

GEOLOGY

Figure 2

TOTEM MINING CORP.**TAX PROSPECT****TABLE 1: PREVIOUS WORK HISTORY**

YEAR	COMPANY	WORK DONE
1951	Ontario Department of Mines	Geological mapping of Guibord township by V.K. Prest.
1955	S.J. Bird	Ground magnetometer & electromagnetometer survey.
1964-66	Hollinger Consolidated	Geological mapping, with ground magnetometer & electrometer surveys followed by drilling. Hole G-9 (on Tax prospect) returned 0.32 opt Au, hole G-30 (next to Tax prospect) returned 0.17 opt Au.
1984	Ontario Ministry of Nat. Res.	Airborne electromagnetic and total field magnetic survey of Guibord township.
1985-86	Golden Shield Resources Ltd.	Ground geophysical survey (magnetometer, electrometer, induced polarization) over a large portion of Guibord and Michaud townships (including the Tax prospect). This was followed by drilling, but no holes were collared on the Tax prospect.

diamond drill hole a few hundred meters southeast of the Tax prospect (G-30). This second hole encountered mafic volcanics and returned 0.17 ounce per ton Au over three feet.

A large part of Guibord and Michaud townships were the object of a ground magnetometer, electromagnetometer and induced polarization survey by Golden Shield Resources Ltd. in 1985-86. Although this was followed by a diamond drilling program, no drill holes were collared on, or near, the Tax prospect.

3.3 1997 EXPLORATION PROGRAM

The 1997 exploration program included ground geophysics and a 307.9 meter diamond drilling program. Targets were selected on the basis of available geophysical and geological information.

3.3.1 Ground geophysics

A limited 5.6 kilometer magnetometer, horizontal loop electromagnetic and induced polarization survey was done in December 1996 and January 1997 by Val d'Or SAGAX Inc.

The survey covered the property's grid which trends N 030°. The baseline trends N 300° and connects 12 lines (L0 to L1100E) spaced 100 meters apart, with chained pickets at every 25 meters. The Mag survey covered 5.96 kilometers with a measurement every 2 seconds, an accuracy of 0.01 nT and controls every 12.5 meters. A base station was used to correct for diurnal variation. The HEM survey covered 4.6 kilometers along three frequencies (440, 1760 & 14080 Hz), with measurements taken at 100 meters from the transmitter. Readings were taken at 25 meter spacing of both the in- and out-of-phase components of the secondary field with an accuracy of 1%. The IP survey covered 5.3 kilometers. Measurements were taken in a dipole-dipole configuration with a spacing of 25 meters and a separation of up to 5 times.

Results from the ground geophysical survey outline the presence of two north-south trending magnetic dykes (probably diabase), one is at the east edge of the property, the other in the western third of the property. Eight weak IP anomalies are noted in the eastern half of the property. All of these are associated with local resistivity increases.

3.3.2 Diamond Drilling

Between the 26th and the 28th of August 1997, a total of three holes totaling 307.9 meters were drilled on the Tax Prospect (Table 2). The targets were selected on the basis of available geophysical and geological information. The logs and assay results of these holes are given in Appendix 1 at the end of this report. A set of plans including geological sections of the drill holes is found in the back pocket.

The following section lists the target tested by each hole and gives a brief description of the results obtained.

97-TAX-01: Hole 97-TAX-01 had the dual purpose of testing IP anomaly 03 and verifying the gold value obtained from the old hole G-9. It was collared at 0+40N on line 8+00E, plunging 346 feet at 45° along a N200° bearing.

The hole encountered strongly hematized syenite. The rock is coarse grained and locally porphyritic. From 1% to 3% disseminated pyrite is noted throughout the hole, locally in association with quartz veining. A weakly silicified and carbonatized zone is noted from 266 to 281 feet. Although this zone also contains 3% pyrite, the sulfide here is coarser grained than in the remainder of the hole.

Two five foot samples from this hole returned anomalous gold values. The first assayed 190 ppb Au from 206 to 211 feet in light red syenite bearing 2% to 3% fine grained disseminated pyrite. The second is 280 ppb Au from 326 to 331 feet in dark red syenite bearing 3% disseminated pyrite. The rest of the hole returned values of 30 ppb Au and less.

97-TAX-02: Hole 97-TAX-02 tested IP anomaly 01. It was collared at 1+90N on line 8+00E, plunging 354 feet at 45° along a N020° bearing.

The hole encountered strongly hematized syenite similar to that in hole 97-TAX-01. This red syenite gives way at depth to massive grey unaltered porphyric syenite.

The only anomalous assay from this hole came from the 321 to 322.6 foot interval of sheared and silicified syenite bearing 3% disseminated pyrite; it returned a value of 150 ppb Au.

97-TAX-03: Hole 97-TAX-03 tested IP anomaly 02. It was collared at 1+90N on line 7+00E, plunging 316 feet at 45° along a N200° bearing.

TOTEM MINING CORP.

TAX PROPERTY
TABLE 2: DIAMOND DRILLING STATISTICS

HOLE No.	LONG	LAT	AZ.	DIP	FROM (ft)	TO (ft)	CUMUL. (ft)	PLANNED EOH	START	FINISHED	COMMENTS
97TAX-01	8+00E	0+40N	200	-45	0	346	346	350			IP anomaly -03 and gold-bearing zone of old hole G-9
97TAX-02	8+00E	1+90N	020	-45	0	354	700	350			IP anomaly -01.
97TAX-03	7+00E	1+90N	200	-45	0	316	1016	300			IP anomaly -02.

The hole encountered hematized syenite similar to that in hole 97-TAX-01. The syenite contains on average 1% disseminated pyrite throughout. Several sections are marked by weak shearing and silicification.

No significant Au values were returned from this hole, the highest value being 90 ppb in the 66 to 71 foot interval.

3.4 DISCUSSION

All three holes encountered massive syenite, most of which was hematized to various degrees; this confirms expectations on the extension of the intrusive within the property bounds. All three holes returned weakly anomalous gold values, ranging from 90 to 280 ppb Au over five feet. The anomalous gold values are linked to sheared and altered intrusive rocks bearing disseminated pyrite, and although the values encountered by the 1997 program are not as high as those found in the 1965 hole, they do confirm the gold-bearing potential of fracture zones within this intrusive.

Of the eight IP anomalies identified by the IP survey, three have been explained from drilling, three are probably linked to diabase dykes. Two unexplained anomalies still remain untested.

3.5 CONCLUSION

- 1- The Tax Prospect has been confirmed in being underlain by syenite; this is believed to be in contact with volcanics along the south edge of the property.
- 2- All three diamond-drill holes encountered anomalous gold values. These range from 90 ppb to 280 ppb Au over 5 foot intervals and are associated to disseminated pyrite in small-scale shear zones.
- 3- Five untested IP anomalies remain on the property. Three are thought to be associated with diabase dykes, two others remain unexplained.

3.6 RECOMMENDATIONS

In view of the confirmation of anomalous gold values in shear zones during a first-pass program and of the fact that there remain untested targets on the property, it is suggested that the property be retained for further work. A follow-up drilling program of 1000 feet to test the two remaining targets and follow-up on the best hole of the 1997 program appears justified.

3.7 BUDGET

1 - Diamond Drilling:

Three 330 foot holes,

1000 feet at \$28 per foot **\$28 000**

2 - Geology:

\$5 000

3 - Contingency (10%):

\$3 800

TOTAL

\$36 800



Pierre Rhéaume & Richard Roy

4.0 IRISH PROSPECT

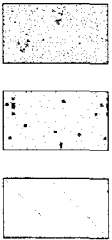
The Irish prospect consists of two claims (1202451 & 1202452), these are respectively four and three units in size and cover 280 acres (figure 3) in the central part of Michaud townships (NTS 42A/08). The property has been optioned by Totem Mining Corporation from 297 3090 Canada Inc. Access is from two gravel roads leading south from highway 101. The first one follows the western edge of the Michaud/Garrison township line, a side branch of passes between Pike Lake and Knight Lake, eventually reaching the western part of the property. The other road leads to Perry Lake, in the eastern half of the property. Total distance from the highway is in the order of six kilometers. Both Knight Lake and Pike Lake cover parts of the property.

4.1 Local Geology

No outcrop is currently known to occur at the Irish prospect, although some exposure is found west and south of the property. All geological information about the property is derive from either geophysical surveys, neighboring exposure or from four old drill holes previously collared on the property. Indications are that the property is over the contact between mafic volcanics (north) and a felsic intrusive (south). The intrusive sports a number of various lithologies, including syenite, feldspar porphyry, granite and lamprophyre. The Irish prospect is located halfway between the Pipestone and Destor-Porcupine faults; the Contact fault is believed to strike ESE across the northern part of the property.

The airborne magnetic survey suggests that the underlying geology is considerably more complex than a straightforward intrusive contact. The data suggest the presence of various cross faults and dykes.

A joint venture by Moneta Porcupine Mines Inc. and Barrick Gold on their Michaud property recently led (1995) to the discovery of five gold-bearing zones south of the Irish prospect. These consist of quartz veins and stockworks in altered volcanics, syenite and greywacke with grades reaching 9.14 g/t Au over 4.16 meters and 2.14 g/t Au over 68 meters. A recent press release (February 1998) mentions the discovery of an additional ore-grade Au zone a few hundred meters south of the Irish prospect. This zone (Noel zone) returned 2.31 g/t Au over 91.1 meters, including 31.3 meters at 3.64 g/t Au. The zone is hosted by hematized syenite with pyrite disseminations and fracture fillings; it trends NE and dips to the north.



INTERMEDIATE VOLCANICS

FELSIC INTRUSIVES

CONTACT FAULT ZONE

FAULT

SCALE 1:5000
100 metres

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IRISH PROSPECT
GENERAL GEOLOGY

Figure 3

Michaud Twp

Knight
Lake

CONTACT FAULT ZONE

IRISH PROSPECT



97IRI-01

97IRI-02

97IRI-03

Pond

Pond

Pond

Pike
Lake

T.L.5+00N

T.L.1+00N

B.L.0+00

T.L.3+00S

L.6+00W

L.4+00W

L.2+00W

L.0+00

L.2+00E

L.4+00E

L.6+00E

L.8+00E

L.10+00E

L.12+00E

4.2 PREVIOUS WORK HISTORY

Michaud township was the object of regional mapping in 1946 (Satterly 1949) by the Ontario department of mines (table 3). The report mentions previous drilling done over the Irish prospect. Michaud Porcupine Gold Mines Ltd. drilled one hole (771 feet) on the Irish prospect as part of an eleven hole drilling program in 1937-38 following a magnetic survey. Two other holes were collared at the north boundary. The holes traversed mafic volcanics, granite and gabbro with pyrite-bearing quartz-carbonate veins, but returned no gold values of significance.

A later magnetic survey was done in 1945-46 by Anglo-Huronian Ltd., followed by drilling. One 364 foot hole was collared in the south of the property during this exploration effort, intersecting mafic volcanics, felsic porphyry, syenite and lamprophyre, returning low gold values..

Three reverse circulation overburden drill holes were done along the south edge of the property in 1985 by Asarco Exploration Co. Ltd, but no data is available.

In 1994 Peter Hawley carried out an exploration program consisting of line-cutting, mapping, magnetometry and VLF. The survey allowed resolution of some contacts, but also brought to the fore the relative complexity of the underlying geology.

4.3 1997 EXPLORATION PROGRAM

The 1997 exploration program included ground geophysics and a 294.7 meter diamond drilling program. Targets were selected on the basis of available geophysical and geological information.

4.3.1 Grid

The grid covering the property was re-established in March 1997. The work was contracted to Native Exploration Services of Ouje-Bougoumou. This fifteen kilometer grid consists of 21 N-S trending lines at 100 meter spacing connected by a baseline; tie-lines are located at both the south and north edges of the property.

4.3.2 Diamond Drilling

Between the 29th of August and the 05th of September 1997, a total of three holes totaling 294.7 meters were drilled on the Irish Prospect (Table 4). The targets were

TOTEM MINING CORP.**IRISH PROSPECT****TABLE 3: PREVIOUS WORK HISTORY**

YEAR	COMPANY	WORK DONE
1937-38	Michaud Porcupine Mines Ltd.	Mag survey followed by drilling (3 holes on property), no significant Au values reported.
1945-46	Anglo-Huronian Ltd	Ground magnetometer survey followed by drilling. One hole on the property. Low Au values reported.
1946	Ontario Department of Mines	Geological mapping of Michaud township by J. Satterly (1949).
1985	Asarco Exploration Co. Ltd.	Reverse-circulation drilling program. A few holes along south edge of property, but no data is available.
1994	P. Hawley	Line cutting, Mag-VLF, and mapping. The geophysical data hints at complex underlying geology.

TOTEM MINING CORP.

IRISH PROPERTY
TABLE 4: DIAMOND DRILLING STATISTICS

HOLE No.	LONG	LAT	AZ.	DIP	FROM (m)	TO (m)	CUMUL. (m)	PLANNED EOH	START	FINISHED	COMMENTS
97IRI-01	3+45W	1+50N	180	-45	0	93.3	93.3	100			Projected fault intersection.
97IRI-02	1+50W	0+70N	180	-45	0	99.4	192.7	100			Mag anomaly ext to Contact Fault.
97IRI-03	7+00W	0+25N	180	-45	0	102.4	295.1	100			Fault associated combined Mag-VLF response.

selected on the basis of available geophysical and geological information. The logs and assay results of these holes are given in Appendix 1 at the end of this report. A set of plans including geological sections of the drill holes is found in the back pocket.

The following section lists the target tested by each hole and gives a brief description of the results obtained.

97-IRI-01: Hole 97-IRI-01 tested the intersection between the projection trace of the Contact Fault and a NW trending cross fault. It was collared at 1+50N on line 3+45W, plunging 93.3 meters due south at 45°.

The hole encountered hematized syenite, in contact with a zone of alternating syenite and mafic volcanics. The latter could either be strongly chloritized syenite or true enclaves of volcanic rocks. A shear zone is noted from 83.2 to 85.6 meters. Disseminated pyrite is present throughout the hole, and minor chalcopyrite is noted in the shear zone.

No significantly anomalous gold values were returned from this hole; the highest value is 30 ppb Au.

97-IRI-02: Hole 97-IRI-02 tested a magnetic anomaly near the interpreted position of the Contact Fault. It was collared at 0+70N on line 1+50W, plunging 99.4 meters due south at 45°.

The hole encountered alternating hematized syenite and mafic volcanics. The syenite is medium grained to coarse grained with minor sulfides. The volcanics are weakly to (locally) strongly carbonatized and locally strongly magnetic. The magnetic volcanics are the likeliest cause of the anomaly targeted by the hole. A few intervals in both the syenite and the volcanics contain up to 5% pyrite with traces of chalcopyrite; the sulfide distribution appears related to the degree of alteration (carbonatization).

No significantly anomalous gold values were returned from this hole; the highest value is 50 ppb Au.

97-IRI-03: Hole 97-IRI-03 tested a coincident Mag/VLF anomaly associated with a NW trending fault. It was collared at 0+25N on line 7+00W, plunging 102.4 meters due south at 45°.

The hole encountered massive moderately hematized syenite with local traces of pyrite and returned no significant assays, the highest value being 50 ppb Au.

4.4 DISCUSSION

All three holes encountered a complex alternation of volcanic rocks and/or massive syenite. This confirms the basic assumption on the general character of the underlying geology, namely that the property is underlain by volcanic rocks in gradual contact with syenites, although it has not yet been possible to confirm the location of the Contact Fault.

The targets tested in this first-pass program were mostly based on projected fault extensions and poor quality Mag-VLF. None of the holes encountered any significantly anomalous gold values, neither were the expected fault projections intersected. In view of the recent gold discovery in syenite and volcanics within a few hundred meters of the south edge of the property by Moneta Porcupine gold mines, it is felt that the potential of the Irish property to host gold mineralization should be considered seriously. The type of mineralization described in the press releases (*loc. cit.*) would be particularly sensitive to IP.

The circular Mag anomaly in the south center of the property has not yet been tested either. This constitutes an interesting target in view of the potential for rubies and diamonds. A ruby-bearing kimberlite was recently (1997) identified by Tandem Resources in Guibord township. Diamond-bearing kimberlites are known from the Kirkland Lake swarm (Kjarsgaard 1996). It bears mentioning that ultrabasic dykes (lamprophyre) are reported on the property in Anglo-Huronian's drill-hole.

4.5 CONCLUSION

- 1- The Irish Prospect is underlain by volcanics in gradual contact with syenite.
- 2- No significant gold values have been returned by the 1997 program.
- 3- The circular mag feature still is untested.
- 4- Significant gold mineralization has recently been located a few hundred meters south of the Irish property. This zone (Noel zone) returned 2.31 g/t Au over 91.1 meters, including 31.3 meters at 3.64 g/t Au.
- 5- The exact location of the Contact Fault remains to be established.

4.6 RECOMMENDATIONS

In view of the very limited history of exploration on this property and of the recent discovery of the nearby Noel zone, it is thought that the property has a fair chance of hosting gold mineralization of a similar type. The property should consequently be the object of an IP survey. The current mag survey, which is of low quality, should be redone. Conductors produced by this survey should be drilled in a follow-up drilling campaign. Some footage should be set aside to test the circular mag anomaly for the intriguing possibility of ultrabasic-hosted diamonds or rubies.

4.7 BUDGET

1 – IP & Mag survey:

Mag (15 km @ \$135/km) : \$ 2 025

IP (15 km @ \$750/km) : \$ 11 250

Total Geophysics: **\$13 275**

1 - Diamond Drilling:

Five 400 foot holes,

2000 feet at \$28 per foot **\$56 000**

2 - Geology:

\$5 000

3 - Contingency (10%):

\$7 500

TOTAL \$81 775

Pierre Rhéaume & Richard Roy



5.0 MUNRO FAULT ZONE PROSPECT

The Munro Fault Zone prospect consists of one two-unit claim (1205771) covering about 80 acres in Garrison township (Figure 4), on map sheet NTS 42A/09. Access is by following the Garrison/Michaud township line one kilometer south from where it crosses highway 101.

5.1 Local Geology

No outcrop is known within one kilometer of the Munro Fault Zone prospect, although there is lithological information available from drill holes within 500 meters of the property. The property is believed to be underlain by mafic to ultramafic volcanics of the Kinojevis Group. An ESE trending gradient in the magnetic (regional compilation map) suggests a fault and/or a lithological contact bisecting the property; this has been tentatively attributed to the Munro Fault Zone.

Drill holes on neighboring properties have encountered serpentized ultramafics and syenites. The latter are locally associated with quartz-carbonate veining and gold mineralization; an intersection of 5.24 grams per ton Au is reported.

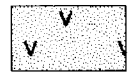
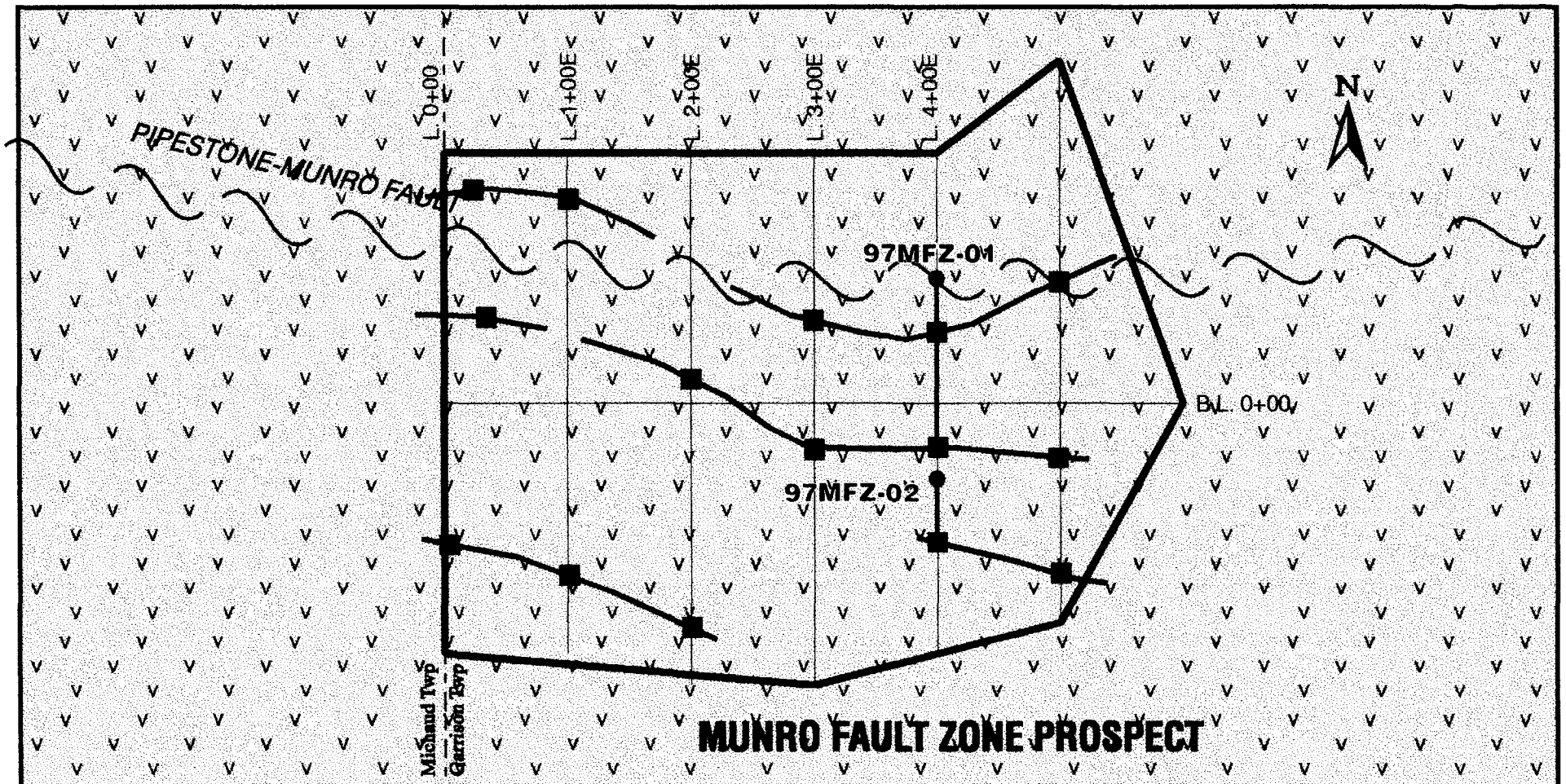
5.2 PREVIOUS WORK HISTORY

Garrison township was the object of regional mapping in 1947 (Satterly 1949) by the Ontario Department of Mines (table 5). The report does not mention any previous drilling done over the property. The only other work done since is the regional aeromagnetic survey by the OMNR in 1984, and a geological compilation in 1990 (Troop, 1990).

The property is 1.5 km east of the Falconbridge "Garrison Creek Property" which returned gold values up to 5.2 grams per ton from quartz-carbonate veins in syenite. It is 5 km west of the Jonpol "JP Zone"; this deposit contains 513 800 tons grading 0.28 ounces per ton Au over an 11 foot width in sheared and altered ultramafics (Jonpol Exploration Limited 1996 annual report).

5.3 1997 EXPLORATION PROGRAM

The 1997 exploration program included grid establishment, ground geophysics and a 821 foot diamond drilling program.



INTERMEDIATE VOLCANICS



FAULT



IP ANOMALY

SCALE 1:5000
100 metre

anglismaque
explorations inc.

Totem Mining Corp.

MUNRO FAULT ZONE PROSPECT

GENERAL GEOLOGY

Figure 4

TOTEM MINING CORP.

MUNRO FAULT ZONE PROSPECT
TABLE 5: PREVIOUS WORK HISTORY

YEAR	COMPANY	WORK DONE
1947	Ontario Department of Mines	Geological mapping of Beatty township by J. Satterly (1949).
1984	Ontario Geological Survey	Regional airborne Mag. and Electromag. Survey (QUESTOR) at 1:20 000 scale.
1990	Ontario Geological Survey	Geological compilation of Garrison township (Troop, 1990).

5.3.1 Grid

The grid covering the property was established in 1997. The work was contracted to Native Exploration Services of Ouje-Bougoumou. This two kilometer grid consists of 6 N-S trending lines at 100 meter spacing connected by a baseline.

5.3.2 Ground Geophysics

The Munro Fault Zone prospect was the object of a Mag, VLF and IP survey in January 1997. The work was done by Geola geophysics of Val d'Or.

The property was found to show a strong magnetic gradient, thought to result from an east-west contact zone. No VLF conductors were noted, but this is of little significance given the thick overburden. The IP survey identified four weak anomalies which might be produced by disseminated mineralization.

5.3.3 Diamond Drilling

Between the 07th and the 10th of September 1997, two holes totaling 821 feet were drilled on the Munro Fault Zone prospect (Table 6). The targets were selected on the basis of available geophysical information. The logs and assay results of these holes are given in Appendix 1 at the end of this report. A set of plans including geological sections of the drill holes is found in the back pocket.

The following section lists the target tested by each hole and gives a brief description of the results obtained.

97-MFZ-01: Hole 97-MFZ-01 tested IP anomalies -03 and -04 associated with the Munro-Pipestone Fault. It was collared at 1+00N on line 4+00E, plunging 605 feet due south at 45°; bedrock was reached at 198 feet.

The hole encountered mafic to intermediate volcanics flows cross-cut by two dykes. The volcanics range from massive to well foliated (foliation at 45° from core axis) and are moderately altered to carbonate and epidote. The first dyke is a biotite-dominant ultramafic rock, probably of lamprophyric composition. The second one is a hematized and carbonatized sheared porphyry. Local intervals show silicification and sericitization. Pyrite occurs as disseminations ranging from traces to 3% in abundance.

TOTEM MINING CORP.

MUNRO FAULT ZONE PROPERTY
TABLE 6: DIAMOND DRILLING STATISTICS

HOLE No.	LONG	LAT	AZ.	DIP	FROM (m)	TO (f)	CUMUL. (f)	PLANNED EOH	START	FINISHED	COMMENTS
97MFZ-01	4+00E	1+00N	180	-45	0	605	605	600			Projected fault intersection with IP anomalies.
97MFZ-02	4+00E	0+60S	180	-45	0	216	821	400			IP anomaly associated to Pipestone Fault.

Two slightly anomalous gold values were returned from this hole. The first (120 ppb over 2 feet) comes from sericitized and silicified volcanics bearing 3% pyrite with quartz veining; the second (140 ppb over 1.5 feet) comes from sheared porphyry with quartz veining and traces of pyrite.

97-MFZ-02: Hole 97-MFZ-02 also tested an IP anomaly (-02) associated with the Munro-Pipestone Fault. It was collared at 0+60S on line 4+00E, plunging 216 feet due south at 45°; the hole was abandoned due to thick overburden. The target is believed to be overburden related.

5.4 DISCUSSION

The one hole which reached bedrock confirmed the presence of the Munro-Pipestone-fault zone at the property. The structure is subvertical and associated to a broad carbonate-epidote alteration zone with local zones of sericite±silica±hematite alteration. It affects mafic to intermediate flows cross-cut by ultramafic and intermediate dykes.

Anomalous gold values over short intervals were returned from both volcanics and from porphyric dykes. Although sub-economic, these values confirm the gold-bearing potential of the Munro-Pipestone Fault system in this area.

5.5 CONCLUSION

- 1- The Munro Fault Zone Prospect is underlain by a mafic to intermediate volcanics affected by the Munro-Pipestone Fault System.
- 2- Weakly anomalous gold values were returned from sheared and altered volcanics and from an altered porphyric dyke. The relative abundance of pyrite does not appear to bear any relation to these anomalous gold .

5.6 RECOMMENDATIONS

Since there remains one untested target on the property and that the gold-bearing status of the Munro-Pipestone Fault System has been confirmed on the property, it is recommended that this prospect be retained for further work.



Pierre Rhéaume & Richard Roy

6.0 CLODAN PROSPECT

The Clodan prospect consists of one two-unit claim (1206877) covering 80 acres in Beatty township (figure 5), on map sheet NTS 42A/09. Access is by proceeding east beyond the end of the road separating ranges II & III.

6.1 Local Geology

The property is relatively well exposed. The underlying rocks consist of two ESE trending bands of rhyolite separated by pillowed basalts. Pillow facings are to the northeast. Some of the rhyolite exposure shows considerable sericitic alteration and was the object of artisanal trenching in the 1930's (see section 6.2).

6.2 PREVIOUS WORK HISTORY

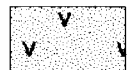
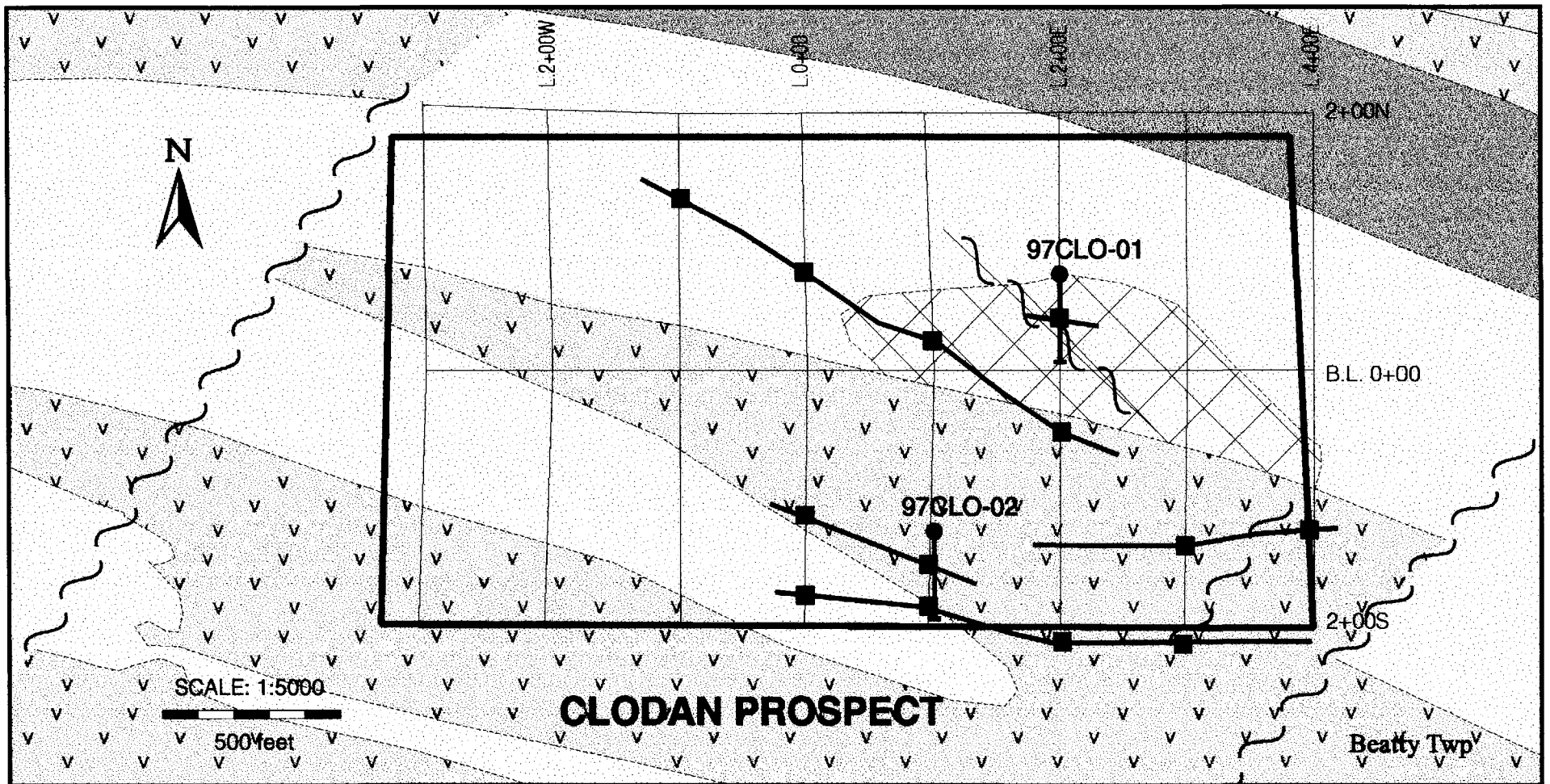
Beatty township was the object of regional mapping in 1944 and 1945 (Satterly and Armstrong 1949) by the Ontario Department of Mines (table 7). The report mentions that the property was the object ground geophysics and one diamond drill hole (290 feet) in 1939 by the Consolidated mining and Smelting Company of Canada Limited. The hole is reported to have encountered rhyolite with quartz stringers and minor pyrite which returned low gold values. The property was also covered by the regional aeromagnetic survey done by the OMNR in 1984.

6.3 1997 EXPLORATION PROGRAM

The 1997 exploration program included grid establishment, ground geophysics and a 632 foot diamond drilling program.

6.3.1 Grid

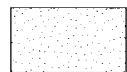
The grid covering the property was established in 1997. The work was contracted to Native Exploration Services of Ouje-Bougoumou. This 5.45 kilometer grid consists of 8 N-S trending lines at 100 meter spacing connected by an east-west baseline and by tie-lines at the north and south boundary.



INTERMEDIATE VOLCANICS



MAFIC VOLCANICS



FELSIC VOLCANICS



CARBONATIZED
VOLCANICS



IP ANOMALY



FAULT

anglomaque
explorations inc.

Totem Mining Corp.

CLODAN PROSPECT

GENERAL GEOLOGY

Figure 5

TOTEM MINING CORP.

CLODAN PROSPECT
TABLE 7: PREVIOUS WORK HISTORY

YEAR	COMPANY	WORK DONE
1939	Consol. Mining & Smelting	1 - 290 foot diamond drill hole encountered low Au values in quartz stringers and rhyolite.
1944-45	Ontario Department of Mines	Geological mapping of Beatty township by Satterly and Armstrong (1949).
1984	Ontario Geological Survey	Airborne electromagnetic and total field magnetic survey of Beatty township.

6.3.2 Ground Geophysics

The Clodan prospect was the object of a Mag, HLEM and IP survey in January 1997. The work was done by Geola geophysics of Val d'Or.

The property was found to show a weak east-west magnetic gradient with a few minor local spikes. The latter might be caused by magnetite or pyrrhotite. The only HLEM anomalies are weak and overburden related. Five medium to strong IP anomalies were noted.

6.3.3 Diamond Drilling

Between the 16th and the 18th of September 1997, two holes totaling 632 feet were drilled on the Clodan prospect (Table 8). The targets IP anomalies; the logs and assay results of these holes are given in Appendix 1 at the end of this report. A set of plans including geological sections of the drill holes is found in the back pocket.

The following section lists the target tested by each hole and gives a brief description of the results obtained.

97-CLO-01: Hole 97-CLO-01 tested IP anomaly -01. This is presents a high degree of polarization and is rated as "conductive". The hole was collared at 0+75N on line 2+00E, plunging 316 feet due south at 45°.

The hole encountered felsic to intermediate massive volcanics flows; these locally show flow top breccias and host minor interstitial pyrite and pyrrhotite. Local intervals contain carbonate veinlets and up to 1% pyrite.

All gold values returned from this hole were below detection limit (<5 ppb).

97-CLO-02: Hole 97-CLO-02 tested IP anomalies -04 and -05 at the contact between felsic and intermediate volcanics. It was collared at 1+25S on line 1+00E, plunging 316 feet due south at 45°.

The hole encountered 150 feet of sericitized rhyolite in shear contact with massive intermediate volcanics. No significant amounts of sulfide were noted, although traces of chalcopyrite locally stand out in quartz veins in andesite. The highest gold value returned from this hole was 20 ppb, all the rest are below detection limit (<5 ppb).

TOTEM MINING CORP.

CLODAN PROPERTY
TABLE 8: DIAMOND DRILLING STATISTICS

HOLE No.	LONG	LAT	AZ.	DIP	FROM (m)	TO (f)	CUMUL. (f)	PLANNED EOH	START	FINISHED	COMMENTS
97CLO-01	2+00E	0+75N	180	-45	0	316	316	300			IP anomaly
97CLO-02	1+00E	1+25S	180	-45	0	316	632	300			2 IP anomalies.

6.4 DISCUSSION

The drilling has encountered the expected sequence of felsic and intermediate volcanics; these rocks were commonly sericitized but devoid of significant amounts of sulfide. It would appear that this property is characterized by a barren alteration zone. No significant gold values were noted

6.5 CONCLUSION

- 1- The Clodan Prospect is underlain by felsic to intermediate volcanics crossed by a shear zone.
- 2- These rocks have returned no significant gold values.

6.6 RECOMMENDATIONS

In view of the poor results obtained by the 1997 drill program, of previous work and of the well exposed condition of the property, it is thought that no further drilling is necessary at Clodan. It should be easy to explain the remaining IP anomaly (-03) in the south-east of the property from surface exploration.

Pierre Rhéaume & Richard Roy



REFERENCES

- Charlton J.D. 1997:** Qualification report on the Matheson area properties.
- Hawley P.J. 1994:** Report on the 1994 Ground Exploration Program by H. Ferderber on the 297 3090 Canada Inc. Property. Internal Report for 297 3090 Canada Inc.
- Jensen L.S. 1986:** Mineralization and Volcanic Stratigraphy in the Western Part of the Abitibi Subprovince; P. 69-87 in O.G.S. Miscellaneous Paper 129.
- Jonpol Exploration Limited, 1996:** Annual Report.
- Kjarsgaard B.A. 1996:** Gîtes de diamants dans les kimberlites. *In:* Eckstrand O.R., Sinclair W.D & Thorpe R.I. (editors) Géologie des types de gites minéraux du Canada. GSC no.8, pp. 622-631.
- Lavoie C. 1997:** Geophysical Surveys - IP, VLF & MAG performed by GEOLA for Anglumaque Explorations Inc.
- Mielke R. 1988:** Geology Report for Hollyburn Resources Ltd., Assessment Files, Kirkland Lake Resident Geologist's Office.
- OGS 1984:** Airborne electromagnetic and total intensity magnetic survey, Matheson-Black river area, Guibord township, District of Cochrane, Questor surveys limited for the OGS, map 80596 geophysical/geochemical series, scale 1:20 000, survey and compilation march to july 1983.
- OGS 1984:** Airborne electromagnetic and total intensity magnetic survey, Matheson-Black river area, Beatty township, District of Cochrane, Questor surveys limited for the OGS, map 80596 geophysical/geochemical series, scale 1:20 000, survey and compilation march to july 1983.
- OGS 1984:** Airborne electromagnetic and total intensity magnetic survey, Matheson-Black river area, Michaud township, District of Cochrane, Questor surveys limited for the OGS, map 80597 geophysical/geochemical series, scale 1:20 000, survey and compilation march to july 1983.

- OGS 1984:** Airborne electromagnetic and total intensity magnetic survey, Matheson-Black river area, Garrison township, District of Cochrane, Questor surveys limited for the OGS, map 80598 geophysical/geochemical series, scale 1:20 000, survey and compilation march to july 1983.
- Prest V.K. 1956:** Geology of Hislop Township, 65th Annual Report of the O.D.M., Vol. LXV, Part V.
- Pyke D.R. 1982:** Geology of the Timmins Area: District of Cochrane, O.G.S. Report 219.
- Richard J.A. 1989:** Report on the Reverse Circulation Overburden Drilling Program, Beatty Property, Overburden Exploration Services Ltd., Assessment Files, Kirkland Lake Residence Geologist's Office.
- Roy R. 1996:** Report on the 1996 exploration program. Internal report prepared for Totem Mining Corp. by Anglaumaque Explorations Inc. 20 pages, 1 Appendix, 1 Map and 5 sections in pocket.
- Satterley J. 1949:** Geology of Garrison Township, 58th Annual Report of the O.D.M., Vol. LVIII, Part IV.
- Satterley J. 1949:** Geology of Michaud Township, 57th Annual Report of the O.D.M., Vol. LVII, Part IV.
- Satterley J. 1951:** Geology of Munro Township, 60th Annual Report of the O.D.M., Vol. LX, Part VIII.
- Satterley J. and Armstrong H.S. 1947:** Geology of Beatty Township, 56th Annual Report of the O.D.M., Vol. LVI, Part VII.
- Troop D.G. 1990:** Precambrian geology of Michaud and Garrison townships, OGS open file map 144, scale 1:20 000.
- Whittaker P.J. 1986:** Gold Metallogenesis along the Pipestone and Destor-Porcupine Deformation Zones and associated structures. In: OGS, Miscellaneous Paper 132, Summary of field work and other activities 1986, pages 404-407.

APPENDIX 1
DIAMOND DRILL LOGS
&
SECTIONS (1:500)

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : TAX DRILL HOLE : 97TAX-01 TOWNSHIP : GUIBORD CLAIM : 1211975	LOT : ZONE : NO. REF. : RANGE : WTS : 42A/09	PRINTED : April 02,1998
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COORDINATES AT COLLAR

GRID #1 LINE : 08+00E STATION : 00+40N ELEVATION : 5000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	GRID #4 LATITUDE : 40.000 LONGITUDE : 800.000 ELEVATION : 5000.000
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SAMPLING

BASIC ASSAYS : 11251-11315
 LITHOLOGY :

DATE

DATE OF JOURNAL :
 SURVEY DATE :
 CEMENTING DATE :

PEOPLE

GEOLOGIST : RICHARD ROY
 CONTRACTOR : FORAGE DOMINIK
 RELOG :

DRILLING STARTED : August 26,1997
 DRILLING FINISHED : August 27,1997

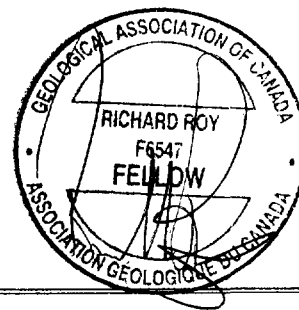
LENGTH COLLAR : 0.00 FINAL : 356.00

CORE STORED : ANGLAUMAQUE OFFICE SIZE : BQ CASING LEFT : No

PURPOSE : VERIFY INTERSECTION OBTAINED IN OLD HOLE G-5
 TARGET : CONTACT FAULT SILICIFIED ZONE.
 REMARKS :

DIRECTIONAL DATA AZIMUTH : 200° 0' DIP : -45° 0'

Length	Azimuth	Dip
100.00	200 0'	-44 30'
200.00	200 0'	-44 0'
300.00	200 0'	-44 0'



Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	20.00	<p>CAS,RRR</p> <p><u>CASING.</u> Casing removed.</p>
20.00	346.00	<p>I2D,sHem,lCar,mFrc,py,(mSil,mCar,I3-V3)</p> <p><u>HEMATIZED SYENITE.</u> Massive strongly hematized syenite which is locally porphyritic and almost trachytic. It contains 1 to 3% disseminated pyrite which is fine grained and quite omnipresent throughout the hole. Up to 1% quartz veinlets locally with traces of pyrite.</p> <p>266.00 - 281.00 ZSil,mCar,mSil,5VLqc,3py</p> <p><u>SILICIFIED ZONE.</u> Massive and still hematized syenite but appears somewhat silicified and carbonatized. Up to 5% quartz carbonate veinlets throughout the zone. The pyrite content is 3% but locally coarser grained.</p>
	356.00	<p>END OF HOLE</p>

Anglaumaque Explorations Inc.

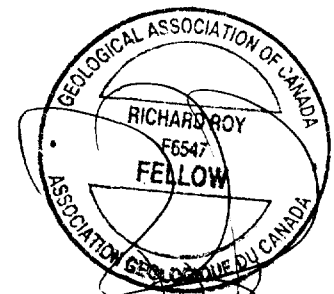
FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
20.00	26.00	Porphyritic syenite, traces of pyrite.	11251	6.00	10	
26.00	31.00	As above.	11252	5.00	10	
31.00	36.00	As above.	11253	5.00	10	
36.00	41.00	Fine grained syenite, 1% fine grained pyrite.	11254	5.00	5	
41.00	46.00	As above, 25% volcanic 5% quartz veining.	11255	5.00	10	
46.00	51.00	Dark red syenite, 2% fine grained pyrite.	11256	5.00	10	
51.00	56.00	As above.	11257	5.00	<5	
56.00	61.00	As above.	11258	5.00	<5	
61.00	66.00	As above.	11259	5.00	5	
66.00	71.00	As above, lighter red color.	11260	5.00	<5	
71.00	76.00	As above.	11261	5.00	10	
76.00	81.00	As above, locally porphyritic.	11262	5.00	<5	
81.00	86.00	As above.	11263	5.00	10	
86.00	91.00	As above.	11264	5.00	<5	
91.00	96.00	As above.	11265	5.00	<5	
96.00	101.00	As above.	11266	5.00	<5	
101.00	106.00	Fine grained dark grey syenite, 2% fine pyrite.	11267	5.00	<5	
106.00	111.00	Fine grained light red syenite, 2% fine pyrite.	11268	5.00	10	
111.00	116.00	As above.	11269	5.00	<5	
116.00	121.00	As above.	11270	5.00	<5	
121.00	126.00	As above.	11271	5.00	<5	
126.00	131.00	As above.	11272	5.00	<5	
131.00	136.00	As above.	11273	5.00	<5	
136.00	141.00	As above.	11274	5.00	<5	
141.00	146.00	25% dark grey syenite, 2% pyrite.	11275	5.00	<5	
146.00	151.00	light red syenite, 2% pyrite.	11276	5.00	<5	
151.00	156.00	As above, 1 foot of lost core.	11277	5.00	<5	
156.00	161.00	As above.	11278	5.00	10	
161.00	166.00	As above.	11279	5.00	<5	
166.00	171.00	Darker red syenite, 3% pyrite.	11280	5.00	<5	
171.00	176.00	As above.	11281	5.00	<5	
176.00	181.00	As above.	11282	5.00	10	
181.00	186.00	As above.	11283	5.00	<5	
186.00	191.00	light red syenite 2-3% fine pyrite.	11284	5.00	10	
191.00	196.00	As above.	11285	5.00	10	
196.00	201.00	As above.	11286	5.00	10	

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
201.00	206.00	As above.	11287	5.00	20	
206.00	211.00	As above.	11288	5.00	190	
211.00	216.00	As above.	11289	5.00	<5	
216.00	221.00	As above.	11290	5.00	<5	
221.00	226.00	As above.	11291	5.00	10	
226.00	231.00	As above.	11292	5.00	<5	
231.00	236.00	As above.	11293	5.00	<5	
236.00	241.00	As above.	11294	5.00	<5	
241.00	246.00	As above.	11295	5.00	<5	
246.00	251.00	As above.	11296	5.00	<5	
251.00	256.00	As above.	11297	5.00	<5	
256.00	261.00	As above.	11298	5.00	<5	
261.00	266.00	As above.	11299	5.00	<5	
266.00	271.00	Dark grey syenite, 2% pyrite.	11300	5.00	10	
271.00	276.00	Moderately carbonatized, moderately silicified syenite, 3% pyrite with minor amounts of coarser pyrite.	11301	5.00	<5	
276.00	281.00	Moderately carbonatized, moderately silicified syenite, 3% pyrite with minor amounts of coarser pyrite.	11302	5.00	<5	
281.00	286.00	75% mafic volcanic enclave, 5% quartz veinlets, traces of pyrite.	11303	5.00	<5	
286.00	291.00	Light red syenite, 2% pyrite.	11304	5.00	10	
291.00	296.00	As above.	11305	5.00	5	
296.00	301.00	As above.	11306	5.00	<5	
301.00	306.00	As above.	11307	5.00	<5	
306.00	311.00	As above.	11308	5.00	<5	
311.00	316.00	As above.	11309	5.00	<5	
316.00	321.00	As above.	11310	5.00	<5	
321.00	326.00	As above.	11311	5.00	<5	
326.00	331.00	Dark red syenite, 3% pyrite.	11312	5.00	280	
331.00	336.00	Dark red syenite, 3% pyrite.	11313	5.00	30	
336.00	341.00	Light red syenite, 3% pyrite.	11314	5.00	5	
341.00	346.00	Light red syenite, 3% pyrite.	11315	5.00	<5	
	356.00	END OF HOLE				

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : TAX DRILL HOLE : 97TAX-02 TOWNSHIP : GUIBORD CLAIM : 1211975	LOT : ZONE : NO. REF : RANGE : MTS : 42A/09	PRINTED : April 02,1998												
<p><u>COORDINATES AT COLLAR</u></p> <table style="width:100%; border: none;"> <tr> <td style="width:25%;"> GRID #1 LINE : 08+00E STATION : 01+90N ELEVATION : 10000.000 </td> <td style="width:25%;"> GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000 </td> <td style="width:25%;"> GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000 </td> <td style="width:25%;"> GRID #4 LATITUDE : 190.000 LONGITUDE : 800.000 ELEVATION : 10000.000 </td> </tr> </table>			GRID #1 LINE : 08+00E STATION : 01+90N ELEVATION : 10000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	GRID #4 LATITUDE : 190.000 LONGITUDE : 800.000 ELEVATION : 10000.000								
GRID #1 LINE : 08+00E STATION : 01+90N ELEVATION : 10000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	GRID #4 LATITUDE : 190.000 LONGITUDE : 800.000 ELEVATION : 10000.000											
<p><u>SAMPLING</u></p> BASIC ASSAYS : 11316-11325 LITHOLOGY :	<p><u>DATE</u></p> DATE OF JOURNAL : SURVEY DATE : CEMENTING DATE : DRILLING STARTED : August 27,1997 DRILLING FINISHED : August 28,1997													
<p><u>PEOPLE</u></p> GEOLOGIST : RICHARD ROY CONTRACTOR : FORAGE DOMINIK RELOG :														
<u>LENGTH</u>	COLLAR : 0.00	FINAL : 356.00												
<u>CORE</u>	STORED : ANGLAUMAQUE OFFICE	SIZE : BQ												
CASING LEFT : No														
PURPOSE : VERIFY IP anomaly IP-01 TARGET : REMARKS :														
<p><u>DIRECTIONAL DATA</u> AZIMUTH : 20' 0' DIP : -45' 0'</p> <table style="width:100%; border: none;"> <thead> <tr> <th style="text-align: left;">Length</th> <th style="text-align: left;">Azimuth</th> <th style="text-align: left;">Dip</th> </tr> </thead> <tbody> <tr> <td>100.00</td> <td>20 0'</td> <td>-46 0'</td> </tr> <tr> <td>200.00</td> <td>20 0'</td> <td>-45 0'</td> </tr> <tr> <td>300.00</td> <td>20 0'</td> <td>-45 0'</td> </tr> </tbody> </table>			Length	Azimuth	Dip	100.00	20 0'	-46 0'	200.00	20 0'	-45 0'	300.00	20 0'	-45 0'
Length	Azimuth	Dip												
100.00	20 0'	-46 0'												
200.00	20 0'	-45 0'												
300.00	20 0'	-45 0'												



Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	10.00	CAS,RRR CASING. Casing removed.
10.00	284.00	I2D,sHem,lCar,mFrc,py,(mSil,mCar,I3-V3) <u>HEMATIZED SYENITE.</u> Massive strongly hematized syenite which is locally porphyritic and almost trachytic. It contains 1 to 2% disseminated pyrite which is fine grained and quite omnipresent throughout the hole. Up to 1% quartz veinlets locally with traces of pyrite.
284.00	354.00	I2D,Porf,cg,Mas,GY,lFrc <u>GREY MASSIVE SYENITE PORPHYRY.</u> Massive unhematized syenite porphyry. The feldspar crystals are large (10cm) and occur in a fine grained biotite rich matrix. It almost appears ophitic locally. The contact is gradual over 0.6m.
	356.00	END OF HOLE

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
20.00	21.70	Two inch silicified zone, 2% coarse pyrite.	11316	1.70	<5	
29.00	30.80	Three inch silicified zone, 2% coarse pyrite.	11317	1.80	<5	
47.00	49.40	Grey syenite dyke at 50 degrees to the core axis, 1% pyrite.	11318	2.40	10	
72.80	74.00	One inch grey syenite dyke at 50 degrees to the core axis, 1% pyrite.	11319	1.20	<5	
90.90	91.60	One inch quartz vein at 40 degrees to the core axis, traces of pyrite.	11320	0.70	10	
150.30	152.00	Sheared upper contact of lamprophyre dyke, traces of pyrite.	11321	1.70	20	
152.00	157.00	Lamprophyre dyke, traces of pyrite.	11322	5.00	<5	
157.00	161.00	Strongly hematized syenite, 2% pyrite.	11325	4.00	10	
306.00	309.80	Grey porphyritic syenite, 1% pyrite.	11323	3.80	<5	
321.00	322.60	Sheared and silicified syenite, 3% pyrite.	11324	1.60	150	
	356.00	END OF HOLE				

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP.	LOT :	PRINTED : April 02,1998
PROJECT : TAX	ZONE :	
DRILL HOLE : 97TAX-03	NO. REF. :	
TOWNSHIP : GUIBORD	RANGE :	
CLAIM : 1211975	NTS : 42A/09	

COORDINATES AT COLLAR

GRID #1	GRID #2	GRID #3	GRID #4
LINE : 7+00E	LINE : 00+00E	LATITUDE :	LATITUDE : 180.000
STATION : 1+80N	STATION : 00+00N	LONGITUDE :	LONGITUDE : 700.000
ELEVATION : 10000.000	ELEVATION : 0.000	ELEVATION :	ELEVATION : 10000.000

SAMPLING

BASIC ASSAYS : 11326-11333
LITHOLOGY :

DATE

DATE OF JOURNAL :
SURVEY DATE :
CEMENTING DATE :

PEOPLE

GEOLOGIST : RICHARD ROY
CONTRACTOR : FORAGE DOMINIK
RELOG :

DRILLING STARTED : August 28,1997
DRILLING FINISHED : August 29,1997

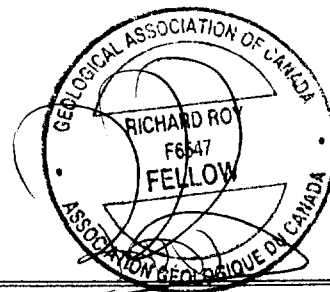
LENGTH COLLAR : 0.00 FINAL : 316.00

CORE STORED : ANGLAUMAQUE OFFICE SIZE : BQ CASING LEFT : No

PURPOSE : VERIFY IP anomaly IP-02
TARGET :
REMARKS :

DIRECTIONAL DATA AZIMUTH : 200° 0' DIP : -45° 0'

Length	Azinuth	Dip
100.00	200 0'	-45 0'
200.00	200 0'	-45 0'
300.00	200 0'	-45 0'

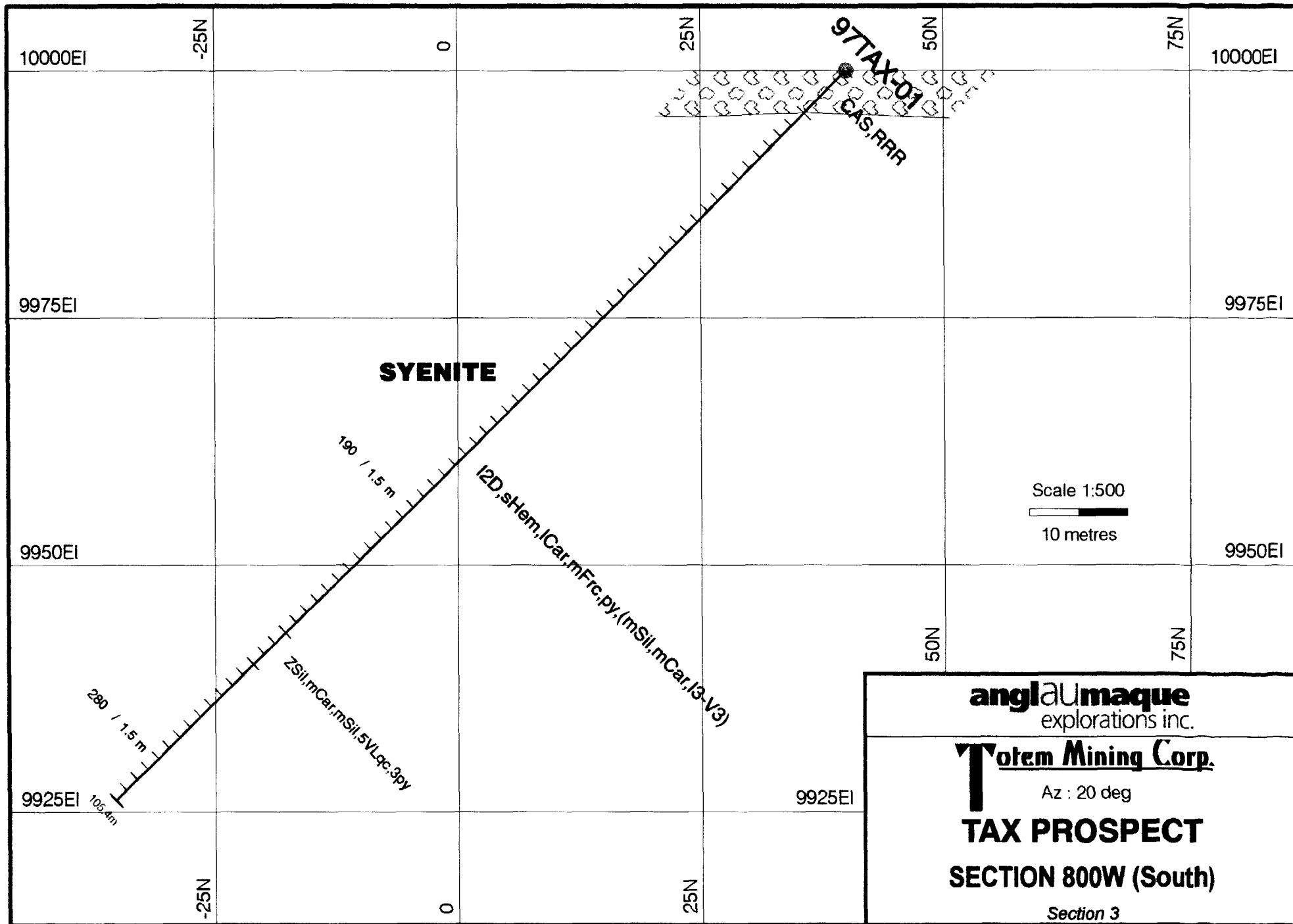


Anглаумаке Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	16.00	CAS,RRR <u>CASING.</u> Casing removed.
16.00	139.00	I2D,sHem,lCar,mFrc,(I3-V3,Porf) <u>HEMATIZED SYENITE.</u> Massive strongly hematized syenite which is locally porphyritic and almost trachytic. It contains 1% disseminated pyrite which is fine grained and quite omnipresent throughout the hole. Up to 1% quartz veinlets locally with traces of pyrite. Narrow sheared sections are observed and associated with weak silicification.
284.00	316.00	I2D,Porf,cg,Mas,lHem,lFrc <u>MASSIVE SYENITE PORPHYRY.</u> Massive weakly hematized syenite porphyry. The feldspar crystal are large (10cm) and occur in a fine grained biotite rich matrix. It almost appears ophitic locally. The contact is gradual over 0.3m.
	316.00	END OF HOLE

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
46.00	47.00	Sheared and silicified syenite, at 90 degrees to the core axis, 1% pyrite.	11326	1.00	140	
61.00	66.00	Fractured syenite, traces to 1% pyrite.	11327	5.00	50	
66.00	71.00	Fractured syenite, traces to 1% pyrite.	11328	5.00	90	
71.00	76.00	Fractured syenite, traces to 1% pyrite.	11329	5.00	10	
151.00	156.00	2% disseminated pyrite in coarse grained syenite.	11330	5.00	10	
181.00	186.00	2% disseminated pyrite in coarse grained syenite.	11331	5.00	10	
290.00	294.00	Fine grained grey syenite dyke, 1% pyrite.	11332	4.00	<5	
303.00	304.50	Volcanic enclave at 45 degrees to the core axis, 10% quartz carbonate veinlets, 2% pyrite.	11333	1.50	10	
	316.00	END OF HOLE				



SYENITE

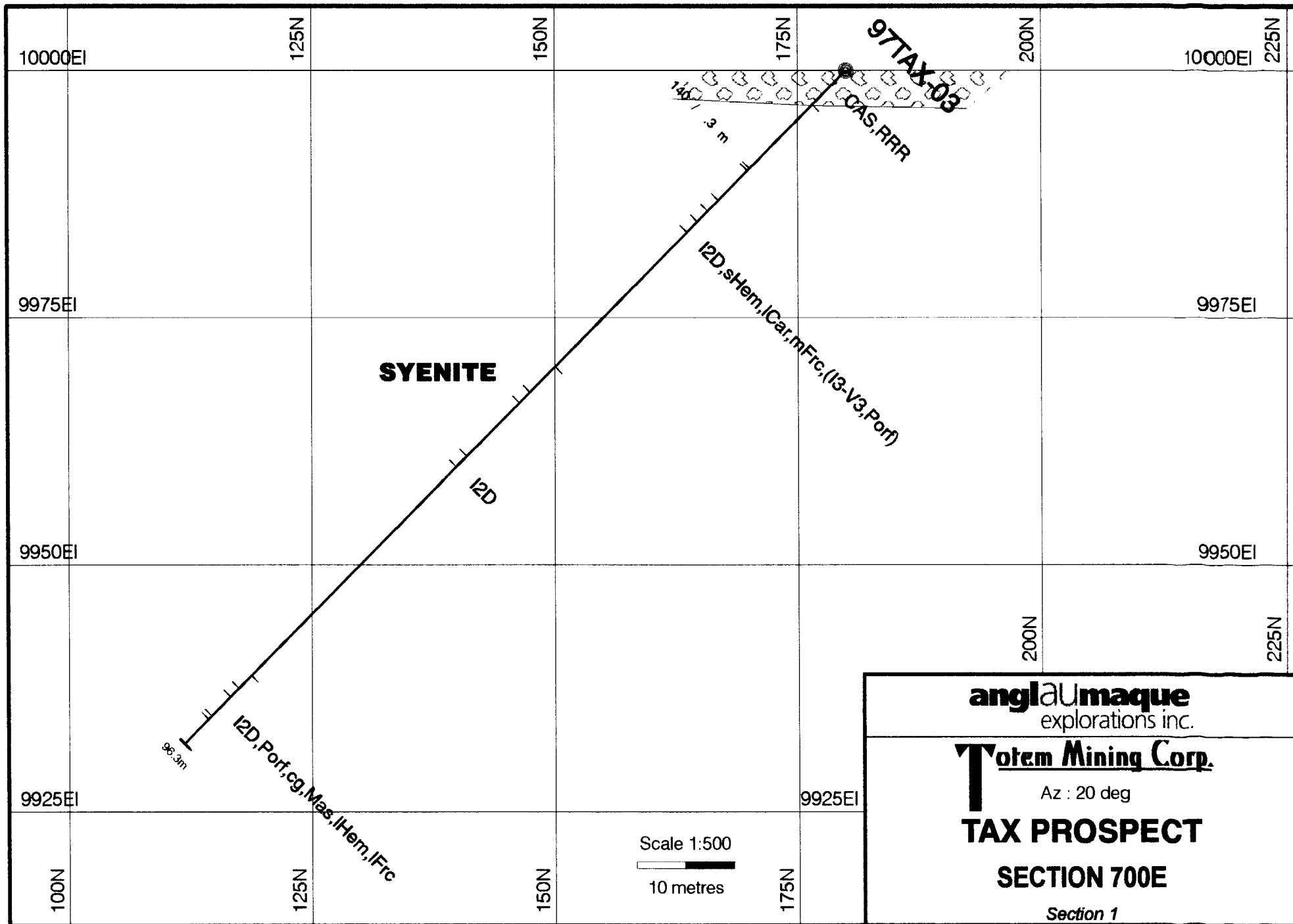
97TAX-01
CAS, PRR

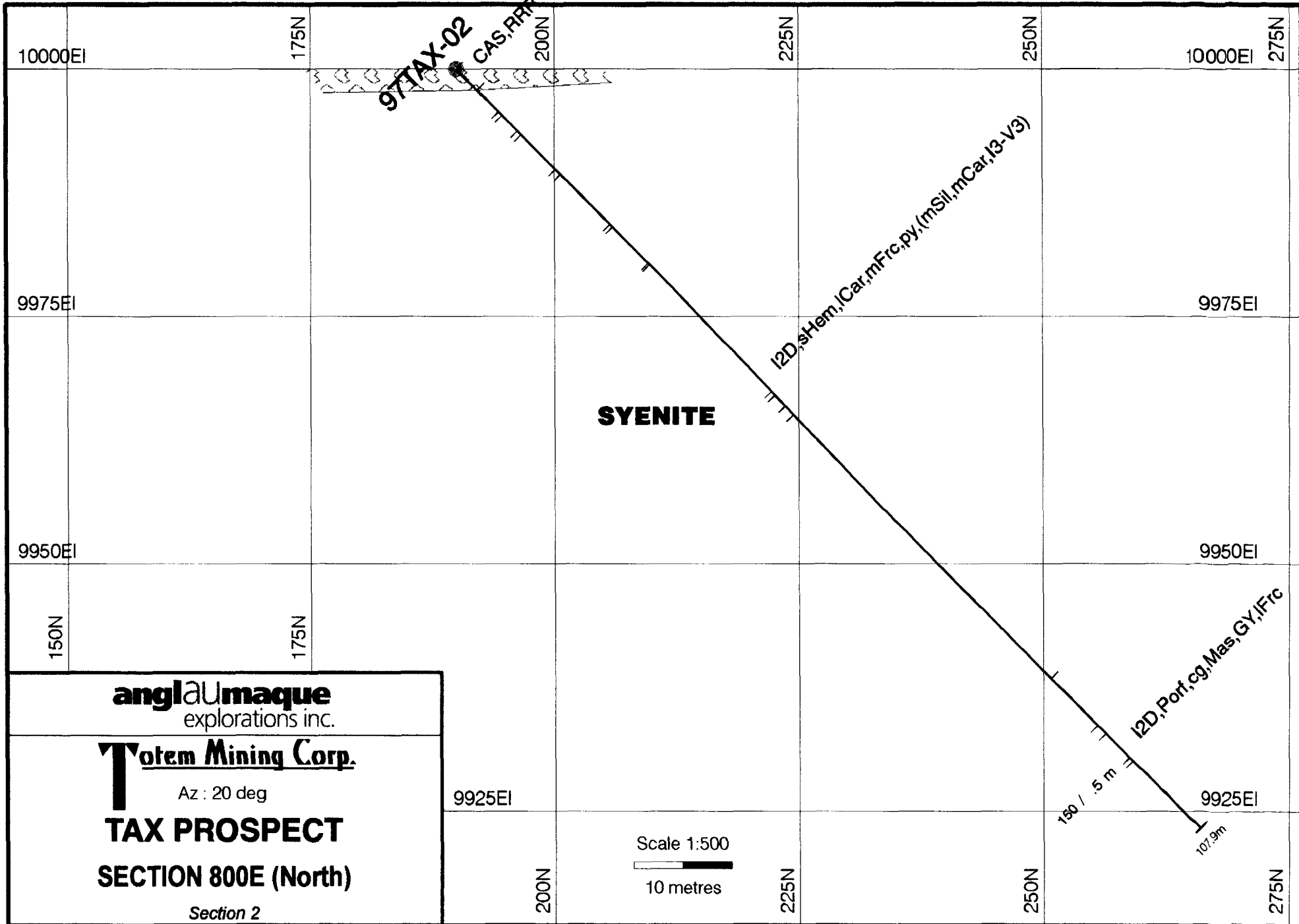
Scale 1:500
10 metres

anglumaque
explorations inc.

Totem Mining Corp.
Az : 20 deg

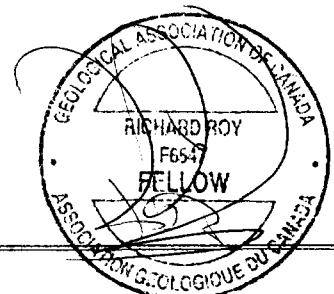
TAX PROSPECT
SECTION 800W (South)
Section 3





Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : IRISH DRILL HOLE : 97IRI-01 TOWNSHIP : MICHAUD CLAIM : 1202451		LOT : ZONE : NO. REF. : RANGE : NTS : 42A/08		PRINTED : April 02, 1998	
<u>COORDINATES AT COLLAR</u>					
GRID #1 LINE : 03+45W STATION : 01+50N ELEVATION : 10000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	GRID #4 LATITUDE : 150.000 LONGITUDE : -345.000 ELEVATION : 10000.000		
<u>SAMPLING</u> BASIC ASSAYS : 11334-11350 LITHOLOGY :			<u>DATE</u> DATE OF JOURNAL : SURVEY DATE : CEMENTING DATE :		
<u>PEOPLE</u> GEOLOGIST : RICHARD ROY CONTRACTOR : FORAGE DOMINIK RELOG :			DRILLING STARTED : August 29, 1997 DRILLING FINISHED : September 02, 1997		
<u>LENGTH</u>		COLLAR : 0.00	FINAL : 306.00		
<u>CORE</u>		STORED : ANGLAUMAQUE OFFICE	SIZE : BQ	CASING LEFT : No	
PURPOSE : Contact Fault TARGET : Contact Fault intersection with northeast fault REMARKS :					
<u>DIRECTIONAL DATA</u>					
		AZIMUTH : 180° 0'	DIP : -45° 0'		
Length	Azimuth	Dip			
200.00	180 0'	-45 0'			
300.00	180 0'	-45 30'			



Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	120.00	<p>CAS,RRR</p> <p><u>CASING.</u> Casing removed.</p>
120.00	177.50	<p>I2D,mg,sHen,Mas,Hom,(V3,sCh1)</p> <p><u>HEMATIZED SYENITE.</u> Massive medium grained hematized syenite. It is quite homogeneous and unmineralized. Contains a few narrow volcanic enclaves which are strongly chloritized.</p>
177.50	306.00	<p>I2D-V3,Mix,mHen(Porf,mShr)</p> <p><u>MIXED SYENITE AND MAFIC VOLCANICS.</u> The rock is a melange of altered syenite and granitized mafic volcanics. The syenite is locally porphyritic. Some porphyries occur within a volcanic?, strongly chloritized groundmass. About 50/50 volcanic and syenite. Only traces of pyrite locally.</p> <p>273.00 - 281.00 M8,mShr40,mHen,Vqc,py,cpy</p> <p><u>SHEAR ZONE.</u> Moderately sheared syenite and mafic volcanics. The syenite is strongly hematized and the entire section is weakly carbonatized. Contains minor quartz carbonate veining with 1% pyrite and chalcopyrite.</p>
	306.00	<p>END OF HOLE</p>

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
125.00	126.00	2% disseminated pyrite in syenite.	11334	1.00	<5	
170.00	172.50	1% disseminated pyrite.	11335	2.50	10	
176.00	177.50	2% disseminated pyrite and pyrrhotite in medium grained syenite.	11336	1.50	<5	
177.50	181.00	Strongly chloritized volcanics, traces of pyrite.	11337	3.50	<5	
223.00	226.00	Fine grained syenite, moderately hematized 0.5% pyrite.	11338	3.00	<5	
229.00	234.00	Coarse grained syenite porphyry, traces of pyrite.	11339	5.00	10	
234.00	239.00	Strongly chloritized mafic volcanics, traces of pyrite.	11340	5.00	30	
262.00	266.00	Moderately fractured syenite, minor quartz veining, traces of pyrite.	11341	4.00	10	
266.00	271.00	50% syenite 50% volcanics and traces of pyrite.	11342	5.00	<5	
271.00	273.00	1% pyrite in the syenite.	11343	2.00	<5	
273.00	275.80	Moderately sheared volcanic, traces of pyrite.	11344	2.80	<5	
275.80	277.80	Moderately sheared syenite, 10% quartz veining, 1% fine grained pyrite and chalcopyrite.	11345	2.00	<5	
277.80	281.00	Moderately sheared syenite, 0.5% fine grained pyrite and chalcopyrite.	11346	3.20	<5	
281.00	285.00	Weakly hematized syenite, traces of pyrite.	11347	4.00	<5	
285.00	287.00	Weakly hematized syenite, 2% pyrite.	11348	2.00	<5	
287.00	291.00	75/25 syenite/volcanic with 1% pyrite.	11349	4.00	<5	
291.00	296.00	Traces of pyrite in volcanics.	11350	5.00	<5	
	306.00	END OF HOLE				

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : IRISH DRILL HOLE : 971RI-02 TOWNSHIP : MICHAUD CLAIM : 1202451	LOT : ZONE : NO. REF. : RANGE : NTS : 42A/08	PRINTED : April 02,1998
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COORDINATES AT COLLAR

GRID #1 LINE : 01+50W STATION : 00+70N ELEVATION : 10000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	GRID #4 LATITUDE : 70.000 LONGITUDE : -150.000 ELEVATION : 10000.000
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<p>SAMPLING</p> BASIC ASSAYS : 11351-11368 LITHOLOGY :	<p>DATE</p> DATE OF JOURNAL : SURVEY DATE : CEMENTING DATE : DRILLING STARTED : September 02,1997 DRILLING FINISHED : September 03,1997
<p>PEOPLE</p> GEOLOGIST : RICHARD ROY CONTRACTOR : FORAGE DOMINIK RELOG :	

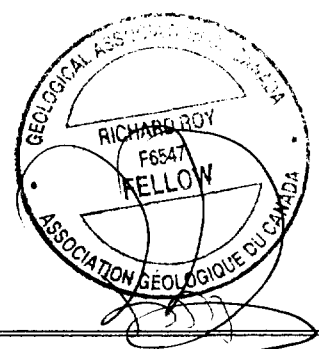
LENGTH COLLAR : 0.00 FINAL : 322.00

CORE STORED : ANGLAUMAQUE OFFICE SIZE : BQ CASING LEFT : No

PURPOSE : Contact Fault
 TARGET : Contact Fault and magnetic high.
 REMARKS :

DIRECTIONAL DATA AZIMUTH : 180° 0' DIP : -45° 0'

<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>	
200.00	180 0'	-45 0'	
300.00	180 0'	-45 0'	



Anglaumaque Explorations Inc.

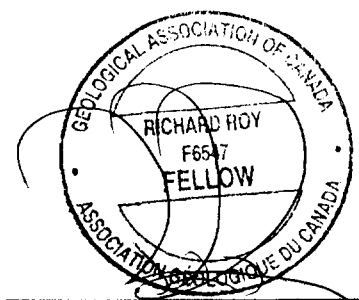
FROM (f)	TO (f)	DESCRIPTION
0.00	120.00	CAS,RRR <u>CASING.</u> Casing removed.
120.00	131.00	I2D, Porf, lHem, Mas <u>PORPHYRITIC SYENITE.</u> Massive very coarse grained weakly hematized syenite. Contains a few narrow volcanic enclaves.
131.00	150.00	V3, Mas, GN, lCar <u>MAFIC VOLCANICS.</u> Massive weakly carbonatized green color mafic volcanics. Only traces of pyrite locally.
150.00	172.00	I2D, Porf, lHem, Mas <u>PORPHYRITIC SYENITE.</u> Massive very coarse grained weakly hematized syenite. Contains a few narrow volcanic enclaves. Traces to up to 2% pyrite locally.
172.00	202.00	V3, mMag, l-mCar (mCar, Spy) <u>MAFIC VOLCANICS.</u> Massive weakly to moderately carbonatized green color mafic volcanics. Traces to 1% pyrite in general but some sections contain 5% pyrite (where carbonatized).
202.00	217.00	I2D, mg, Mas, mHem, mCar <u>MEDIUM GRAINED SYENITE.</u> Massive medium grained moderately hematized and carbonatized syenite. Contains a few narrow volcanic enclaves. Also hosts 1 to 5% pyrite along with hematite along fractures.
217.00	322.00	I2D, Porf, mHem, Mas <u>PORPHYRITIC SYENITE.</u> Massive very coarse grained moderately hematized syenite. Contains a few narrow volcanic enclaves. Traces to up to 2% pyrite locally. 297.00 - 304.00 ZCar, sCar, ssHem, mFrc, Spy <u>CARBONATIZED ZONE.</u> Strongly carbonatized volcanic and syenite. It is also moderately fractured and strongly hematized. Up to 5% pyrite in the carbonatized zone.
	322.00	END OF HOLE

Anslaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
162.00	163.00	1 to 2% pyrite in mafic volcanics.	11351	1.00	<5	
166.00	168.50	1% pyrite in syenite.	11352	2.50	<5	
188.00	191.00	Strongly carbonatized volcanics, 2% pyrite-carbonate fractures.	11353	3.00	<5	
201.50	206.00	Weakly carbonatized syenite, 1% pyrite along fractures at 20 degrees to the core axis.	11354	4.50	10	
206.00	209.00	1% pyrite in syenite.	11355	3.00	10	
209.00	212.00	1% pyrite in syenite.	11356	3.00	20	
212.00	216.50	1% pyrite in syenite.	11357	4.50	10	
216.50	218.50	5% pyrite at contact between syenite and carbonatized volcanics.	11358	2.00	10	
218.50	222.00	Strongly carbonatized volcanics with 1% pyrite.	11359	3.50	5	
222.00	224.00	Strongly carbonatized volcanics with 1% pyrite.	11360	2.00	10	
224.00	226.00	Strongly carbonatized syenite with 2% pyrite in a small volcanic patch.	11361	2.00	10	
226.00	230.00	1% disseminated pyrite in syenite porphyry.	11362	4.00	<5	
285.00	289.00	Moderately carbonatized volcanics with traces of pyrite.	11363	4.00	50	
289.00	294.00	Weakly carbonatized syenite with traces of pyrite.	11364	5.00	30	
294.00	297.00	Weakly carbonatized syenite with 1% pyrite.	11365	3.00	<5	
297.00	298.50	Strongly carbonatized volcanics with 2% pyrite.	11366	1.50	<5	
298.50	301.00	50/50 volcanic and syenite 3 to 5% pyrite.	11367	2.50	10	
301.00	304.00	Moderately carbonatized syenite, traces of pyrite.	11368	3.00	<5	
	322.00	END OF HOLE				

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : IRISH DRILL HOLE : 97IRI-03 TOWNSHIP : MICHAUD CLAIM : 1202451		LOT : ZONE : NO. REP. : RANGE : NTS : 42A/08		PRINTED : April 02,1998	
<u>COORDINATES AT COLLAR</u>					
GRID #1 LINE : 07+00W STATION : 00+25N ELEVATION : 10000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : LONGITUDE : ELEVATION :	0.000 0.000 0.000	GRID #4 LATITUDE : LONGITUDE : ELEVATION :	25.000 -700.000 10000.000
<u>SAMPLING</u> BASIC ASSAYS : 11369-113 LITHOLOGY :			<u>DATE</u> DATE OF JOURNAL : SURVEY DATE : CEMENTING DATE :		
<u>PEOPLE</u> GEOLOGIST : RICHARD ROY CONTRACTOR : FORAGE DOMINIK RELOG :			DRILLING STARTED : September 03,1997 DRILLING FINISHED : September 04,1997		
<u>LENGTH</u>		COLLAR : 0.00	FINAL : 336.00		
<u>CORE</u>	STORED : ANGLAUMAQUE OFFICE	SIZE : BQ	CASING LEFT : No		
PURPOSE : Northeast Fault TARGET : Northeast fault and VLF. REMARKS :					
<u>DIRECTIONAL DATA</u>		AZIMUTH : 180° 0'	DIP : -45° 0'		

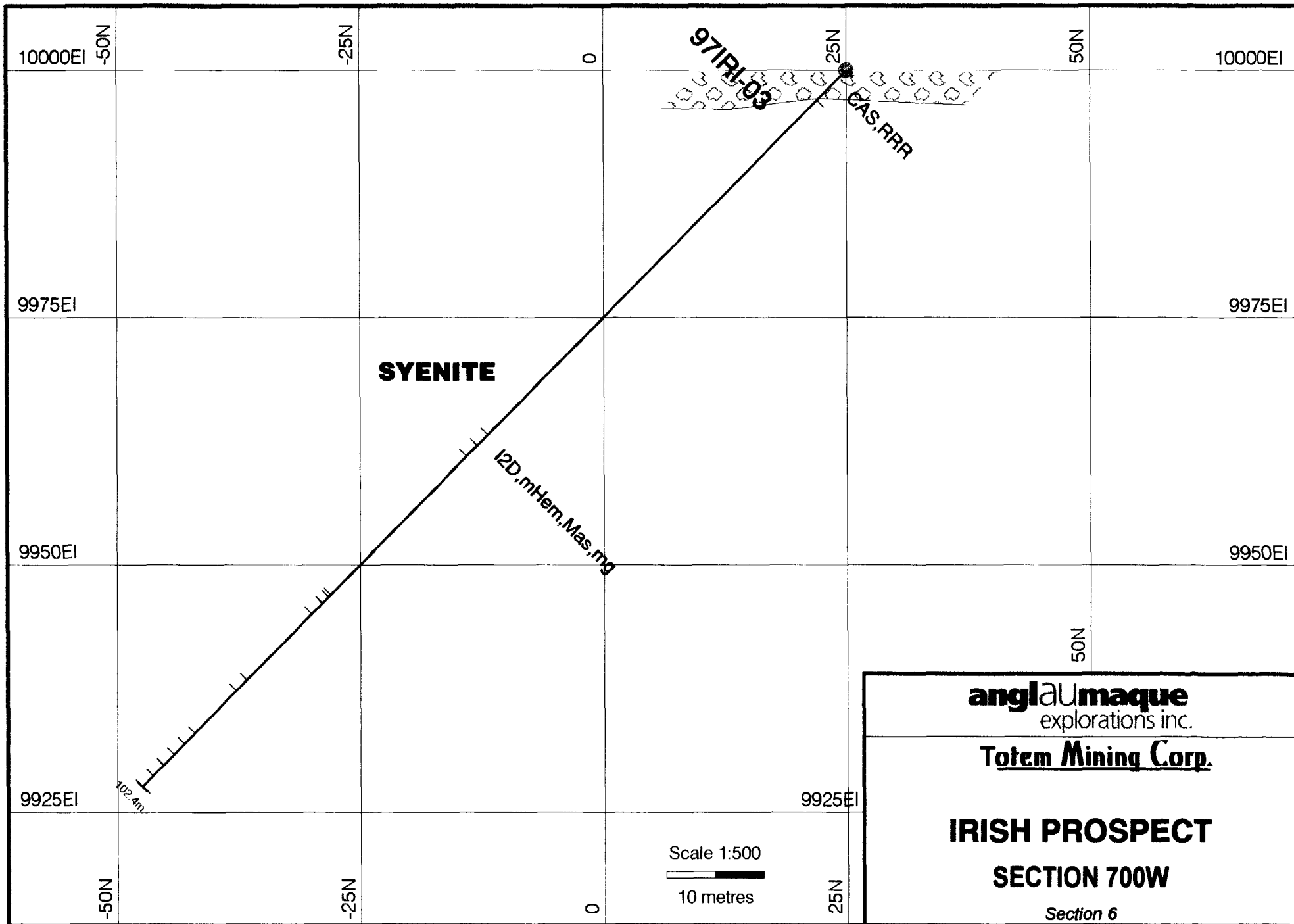


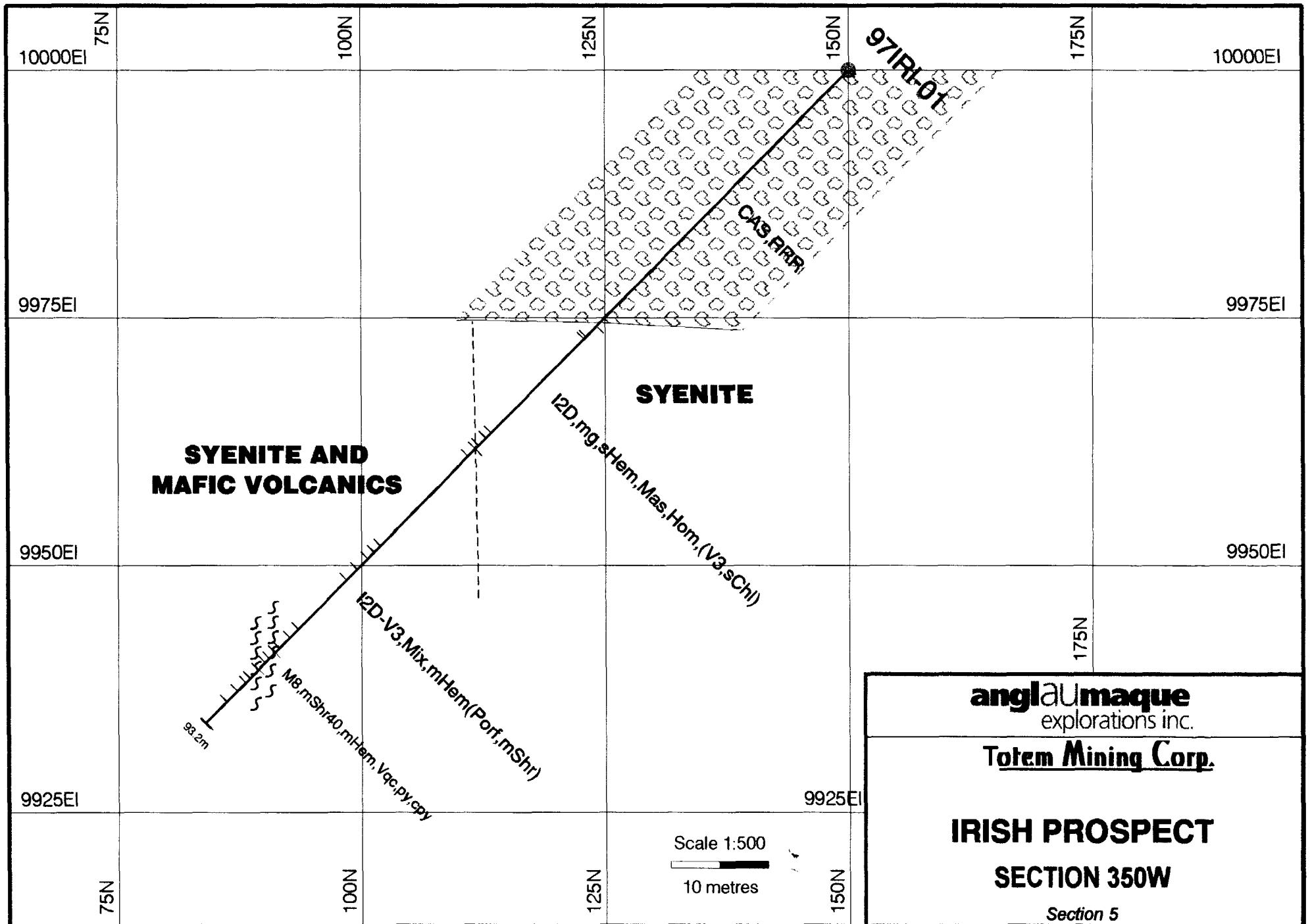
Anglaumaque Explorations Inc.

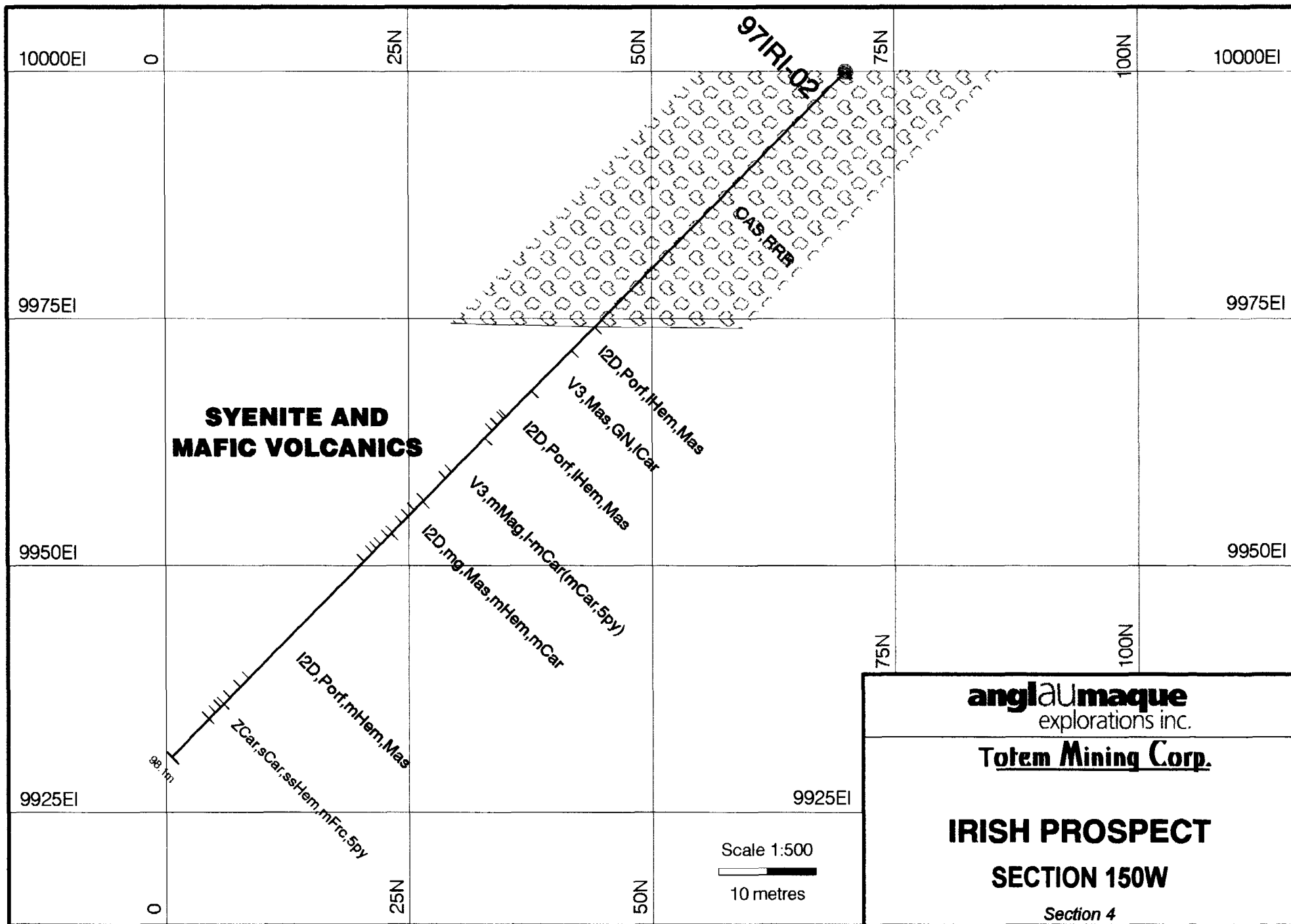
FROM (f)	TO (f)	DESCRIPTION
0.00	14.00	<p>CAS,RRR</p> <p><u>CASING</u> Casing removed.</p>
14.00	336.00	<p>I2D,mHem,Mas,mg</p> <p><u>MASSIVE SYENITE</u> Massive and moderately hematized syenite with minor quartz veinlets. Locally with minor pyrite.</p>
	336.00	<p>END OF HOLE</p>

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
171.00	176.00	Syenite with 5% quartz veining and traces of pyrite.	11369	5.00	<5	
176.00	181.00	as above.	11370	5.00	<5	
246.00	247.00	Syenite with traces of pyrite.	11371	1.00	10	
247.00	250.00	Syenite quartz injections 45 to 30 degrees from core axis, with traces to 1% pyrite.	11372	3.00	50	
250.00	255.00	Syenite with 5% quartz veining and traces of pyrite.	11373	5.00	<5	
286.00	291.00	Syenite with 5% quartz veining and traces of pyrite.	11374	5.00	10	
311.00	316.00	Moderately fractured syenite; fractures at 10 degrees from core axis with traces of pyrite.	11375	5.00	<5	
316.00	321.00	as above.	11376	5.00	5	
321.00	326.00	as above.	11377	5.00	<5	
326.00	331.00	as above.	11378	5.00	<5	
331.00	336.00	as above.	11379	5.00	<5	
	336.00	END OF HOLE				







anglaUmaque
explorations inc.

Totem Mining Corp.

IRISH PROSPECT
SECTION 150W
Section 4

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : MUNRO FAULT ZONE DRILL HOLE : 97MPZ-01 TOWNSHIP : GARRISON CLAIM : 1205771	LOT : ZONE : NO. REP. : RANGE : NTS : 42A/09	PRINTED : April 02,1998
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COORDINATES AT COLLAR

GRID #1 LINE : 04+00E STATION : 01+00N ELEVATION : 10000.000	GRID #2 LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	GRID #3 LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	GRID #4 LATITUDE : 100.000 LONGITUDE : 400.000 ELEVATION : 10000.000
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SAMPLING

BASIC ASSAYS : 11380-11418
 LITHOLOGY :

DATE

DATE OF JOURNAL :
 SURVEY DATE :
 CEMENTING DATE :

PEOPLE

GEOLOGIST : RICHARD ROY
 CONTRACTOR : FORAGE DOMINIK
 RELOG :

DRILLING STARTED : September 08,1997
 DRILLING FINISHED : September 10,1997

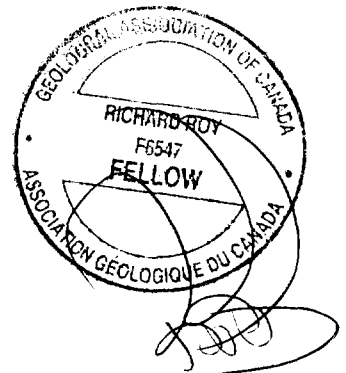
LENGTH COLLAR : 0.00 FINAL : 605.00

CORE STORED : ANGLAUMAQUE EXPLORATIONS SIZE : BQ CASING LEFT : No

PURPOSE : IP anomaly associated with Munro-Pipestone Fault
 TARGET :
 REMARKS :

DIRECTIONAL DATA AZIMUTH : 180° 0' DIP : -45° 0'

<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>
300.00	180 0'	-46 0'
400.00	180 0'	-46 0'
500.00	180 0'	-45 30'
600.00	180 0'	-45 0'



Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	198.00	<p>CAS,RRR</p> <p><u>CASING.</u> Casing removed.</p>
198.00	389.50	<p>V2J,fg,mChl,mEpi,mFol45(sSil)</p> <p><u>INTERMEDIATE VOLCANICS.</u> Massive moderately chloritized and epidotized folws. Sequence shows a clear foliation at 45 degrees to the core axis. Epidotization occurs along with carbonate in minor veinlets and fractures at 20 to 45 degrees to the core axis. At 216 feet it is well silicified and sericitized with 20% quartz veining and 2% very fine grained pyrite.</p>
389.50	463.00	<p>V3B,Mas,fg,mChl,lEpi(Vqc,mHem)</p> <p><u>MASSIVE BASALT.</u> Massive and fine grained basalts which is also moderately chloritized. Epidotization occurs similar to the sequence above. Some minor quartz veining at 45 degrees to the core axis with up to 3cm brownish alteration in wall rock and 1 to 2% pyrite. As unit approaches the ultramafic below it becomes moderately hematized and contains 1 to 2% fine grained pyrite as disseminations or in veinlets.</p>
463.00	468.00	<p>I4,Mas,sBio,CA50(Vqc)</p> <p><u>ULTRAMAFIC DYKE.</u> Massive and medium grained dyke which is principally composed of biotite (80%) and feldspar. Minor quartz carbonate veinlets near the contacts at 50 degrees to the core axis. Traces of pyrite.</p>
468.00	605.00	<p>V2J,fg,mChl,mEpi,sFrc(mShr,mHem)</p> <p><u>INTERMEDIATE VOLCANICS.</u> Massive moderately chloritized and epidotized folws. Sequence shows strong fracturing at 45 degrees to the core axis which increases downhole. Epidotization occurs along with carbonate in minor veinlets and fractures at 20 to 45 degrees to the core axis. A shear zone occurs in a porphyry dyke at 557 feet.</p> <p>557.00 - 562.50 I1,mShr80,mHem,mCar,5Vqc,py</p> <p><u>SHEARED PORPHYRY DYKE.</u> Moderately sheared dyke at 80 degrees to the core axis. It is moderately hematized and carbonatized. It contains 5% quartz carbonate veining and traces of pyrite. The lower contact contains 3% fine grained pyrite across 2 feet.</p>
	605.00	<p>END OF HOLE</p>

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
211.00	215.00	5% quartz carbonate veining, traces of pyrite.	11380	4.00	5	
215.00	217.00	Strongly silicified volcanics, weakly carbonatized and strongly sericitized, 30% quartz veining at 45 degrees to the core axis 2 to 3% pyrite.	11381	2.00	120	
217.00	221.00	10% quartz carbonate veining at 45 degrees to the core axis and traces of pyrite.	11382	4.00	20	
221.00	226.00	2% quartz carbonate veining at 45 degrees to the core axis and traces of pyrite.	11383	5.00	<5	
266.00	269.00	Moderately carbonatized volcanics with a 2 inch felsic dyke which is strongly hematized, 3% fine grained pyrite.	11384	3.00	<5	
320.00	324.00	Weakly carbonatized volcanics, 1% pyrite.	11385	4.00	40	
336.00	338.00	Moderately fractured volcanics, moderately epidotized and traces of pyrite.	11386	2.00	<5	
338.00	342.00	As above with 10% quartz veining and 2% coarse hematite, 1% coarse grained pyrite.	11387	4.00	<5	
342.00	346.00	Weakly fractured volcanics, traces of pyrite.	11388	4.00	<5	
386.00	389.50	Strongly epidotized volcanics, traces of pyrite.	11389	3.50	<5	
389.50	395.00	Weakly epidotized basalts, traces of pyrite.	11390	5.50	<5	
419.00	421.00	2% quartz carbonate veining at 45 degrees to the core axis with brown alteration in walls, 2% pyrite in alteration.	11391	2.00	10	
421.00	426.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11392	5.00	10	
426.00	431.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11393	5.00	<5	
431.00	436.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11394	5.00	<5	
436.00	441.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11395	5.00	<5	
441.00	446.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11396	5.00	10	
446.00	451.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11397	5.00	<5	
451.00	456.00	Traces quartz carbonate veining in mafic volcanics, traces of pyrite.	11398	5.00	<5	
456.00	461.00	Moderately hematized volcanics, moderately carbonatized, 1% pyrite as disseminated or in fracture filling.	11399	5.00	<5	
461.00	463.00	Moderately hematized and carbonatized volcanics, moderately carbonatized, 3% pyrite as disseminated or in fracture filling.	11400	2.00	10	
463.00	466.00	Ultramafic dyke, strong biotite, traces of pyrite.	11401	3.00	20	
466.00	468.00	Ultramafic dyke, strong biotite, traces of pyrite.	11402	2.00	<5	
468.00	470.50	Weakly hematized mafic volcanics traces of pyrite.	11403	2.50	<5	
491.00	496.00	Moderately epidotized and locally hematized traces of pyrite.	11404	5.00	<5	
496.00	501.00	Moderately epidotized and locally hematized traces of pyrite.	11405	5.00	<5	
501.00	506.00	Moderately epidotized and locally hematized traces of pyrite.	11406	5.00	<5	
506.00	511.00	Moderately epidotized and locally hematized traces of pyrite.	11407	5.00	<5	
511.00	516.00	Moderately epidotized and locally hematized traces of pyrite.	11408	5.00	<5	
536.00	539.00	Moderately epidotized, traces of pyrite.	11409	3.00	<5	
539.00	542.00	Moderately hematized volcanics, weakly sericitized and carbonatized, traces of pyrite.	11410	3.00	60	

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
542.00	544.00	Strongly sericitized and weakly hematized, 10% quartz veining, 2% fine grained pyrite.	11411	2.00	60	
544.00	549.00	Moderately hematized volcanics, traces of pyrite.	11412	5.00	<5	
549.00	554.00	Moderately hematized volcanics, strongly fractured, traces of pyrite.	11413	5.00	20	
557.00	561.00	Sheared porphyry, 5% quartz veining, traces of pyrite.	11414	4.00	70	
561.00	562.50	Sheared porphyry, 5% quartz veining, traces of pyrite.	11415	1.50	140	
562.50	564.50	Moderately hematized volcanics, strongly fractured, 3% fine pyrite.	11416	2.00	5	
564.50	568.00	Traces of pyrite in fractured volcanics.	11417	3.50	<5	
597.00	600.00	5% quartz veining in volcanics., 1% pyrite	11418	3.00	60	
	605.00	END OF HOLE				

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP.	LOT :	PRINTED : April 02,1998
PROJECT : MUNRO FAULT ZONE	ZONE :	
DRILL HOLE : 97MPZ-02	NO. REF. :	
TOWNSHIP : GARRISON	RANGE :	
CLAIM : 1205771	NTS : 42A/09	

COORDINATES AT COLLAR

GRID #1	GRID #2	GRID #3	GRID #4
LINE : 04+00E	LINE : 00+00E	LATITUDE :	LATITUDE : -60.000
STATION : 00+60S	STATION : 00+00N	LONGITUDE :	LONGITUDE : 400.000
ELEVATION : 10000.000	ELEVATION : 0.000	ELEVATION :	ELEVATION : 10000.000

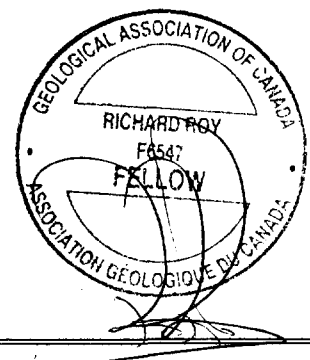
<u>SAMPLING</u>	<u>DATE</u>
BASIC ASSAYS :	DATE OF JOURNAL :
LITHOLOGY :	SURVEY DATE :
	CEMENTING DATE :
<u>PEOPLE</u>	DRILLING STARTED : September 07,1997
GEOLOGIST : RICHARD ROY	DRILLING FINISHED : September 08,1997
CONTRACTOR : FORAGE DOMINIK	
RELOG :	

LENGTH COLLAR : 0.00 FINAL : 216.00

CORE STORED : ANGLAUMAQUE EXPLORATIONS SIZE : BQ CASING LEFT : No

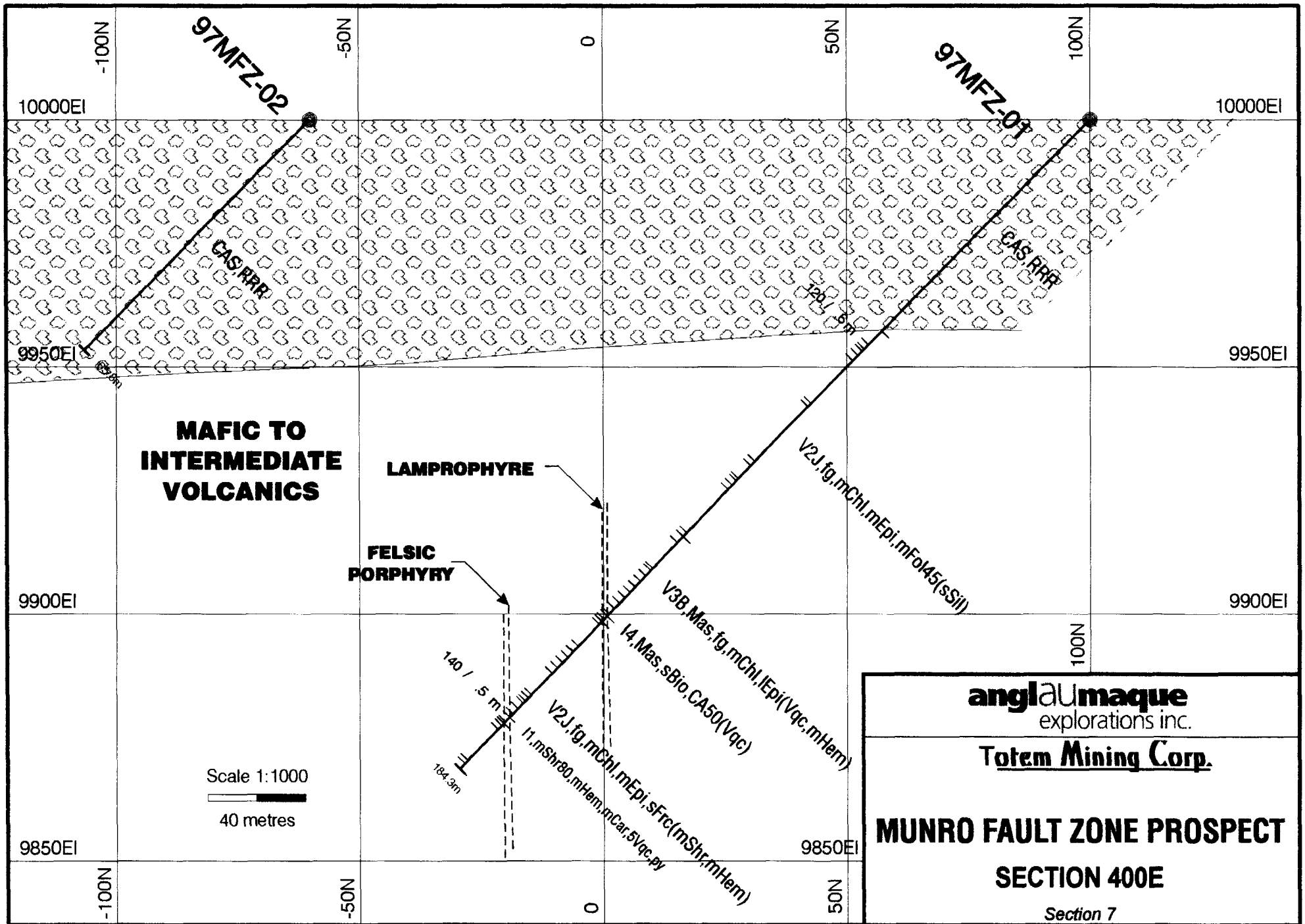
PURPOSE : IP anomaly associated with Munro-Pipestone Fault
 TARGET :
 REMARKS : Hole abandoned in overburden.

DIRECTIONAL DATA AZIMUTH : 180° 0' DIP : -45° 0'



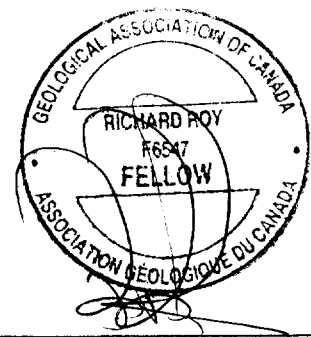
Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	216.00	CAS,RRR
		<u>CASING</u> Hole abandoned in overburden. Casing removed.
	216.00	END OF HOLE



Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP. PROJECT : CLODAN DRILL HOLE : 97CLO-01 TOWNSHIP : BEATTY CLAIM : 1197528	LOT : ZONE : NO. REF. : RANGE : MTS : 42/09	PRINTED : April 02,1998																
<p><u>COORDINATES AT COLLAR</u></p> <table style="width:100%; border: none;"> <tr> <td style="width:25%;">GRID #1</td> <td style="width:25%;">GRID #2</td> <td style="width:25%;">GRID #3</td> <td style="width:25%;">GRID #4</td> </tr> <tr> <td>LINE : 02+00E</td> <td>LINE : 00+00E</td> <td>LATITUDE : 0.000</td> <td>LATITUDE : 75.000</td> </tr> <tr> <td>STATION : 00+75N</td> <td>STATION : 00+00N</td> <td>LONGITUDE : 0.000</td> <td>LONGITUDE : 200.000</td> </tr> <tr> <td>ELEVATION : 10000.000</td> <td>ELEVATION : 0.000</td> <td>ELEVATION : 0.000</td> <td>ELEVATION : 10000.000</td> </tr> </table>			GRID #1	GRID #2	GRID #3	GRID #4	LINE : 02+00E	LINE : 00+00E	LATITUDE : 0.000	LATITUDE : 75.000	STATION : 00+75N	STATION : 00+00N	LONGITUDE : 0.000	LONGITUDE : 200.000	ELEVATION : 10000.000	ELEVATION : 0.000	ELEVATION : 0.000	ELEVATION : 10000.000
GRID #1	GRID #2	GRID #3	GRID #4															
LINE : 02+00E	LINE : 00+00E	LATITUDE : 0.000	LATITUDE : 75.000															
STATION : 00+75N	STATION : 00+00N	LONGITUDE : 0.000	LONGITUDE : 200.000															
ELEVATION : 10000.000	ELEVATION : 0.000	ELEVATION : 0.000	ELEVATION : 10000.000															
<p><u>SAMPLING</u></p> BASIC ASSAYS : 11429-11440 LITHOLOGY :		<p><u>DATE</u></p> DATE OF JOURNAL : SURVEY DATE : CEMENTING DATE : DRILLING STARTED : September 17,1997 DRILLING FINISHED : September 18,1997																
<p><u>PEOPLE</u></p> GEOLOGIST : RICHARD ROY CONTRACTOR : FORAGE DOMINIK RELOG :																		
<p><u>LENGTH</u></p> COLLAR : 0.00 FINAL : 316.00																		
<p><u>CORE</u></p> STORED : ANGLAUMAQUE EXPLORATIONS SIZE : BQ CASING LEFT : No																		
PURPOSE : IP anomaly at rhyolite-andesite contact. TARGET : REMARKS :																		
<p><u>DIRECTIONAL DATA</u> AZIMUTH : 180° 0' DIP : -45° 0'</p> <table style="width:100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>Length</u></th> <th style="text-align: left;"><u>Azimuth</u></th> <th style="text-align: left;"><u>Dip</u></th> </tr> </thead> <tbody> <tr> <td>100.00</td> <td>180 0'</td> <td>-45 0'</td> </tr> <tr> <td>200.00</td> <td>180 0'</td> <td>-44 30'</td> </tr> <tr> <td>300.00</td> <td>180 0'</td> <td>-43 0'</td> </tr> </tbody> </table>			<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>	100.00	180 0'	-45 0'	200.00	180 0'	-44 30'	300.00	180 0'	-43 0'				
<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>																
100.00	180 0'	-45 0'																
200.00	180 0'	-44 30'																
300.00	180 0'	-43 0'																



Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	7.00	CAS,RRR CASING Casing removed.
7.00	316.00	V2J-V1B,Mas,fg,lgw,(VLqc,py,po) <u>MIXED FELSIC AND INTERMEDIATE VOLCANIC FLOWS</u> Massive fine grained dark to light green flows. Locally shows flow top breccias with minor interstitial pyrite and pyrrhotite. Some sections containing quartz carbonate veinlets with up to 1% pyrite.
	316.00	END OF HOLE

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
10.00	15.00	Strongly fractured intermediate volcanics, traces of pyrite.	11429	5.00	<5	
67.00	70.00	Altered intermediate volcanics, 3% pyrite and pyrrhotite.	11430	3.00	<5	
70.00	74.50	20% flow top breccia with traces of pyrite.	11431	4.50	<5	
74.50	80.00	As above, 90% flow top breccia.	11432	5.50	<5	
80.00	84.00	As above, 90% flow top breccia.	11433	4.00	<5	
167.00	169.00	10% quartz carbonate veining at 30 degrees to the core axis, traces of pyrite.	11434	2.00	<5	
169.00	172.00	10% quartz carbonate veining at 30 degrees to the core axis, traces of pyrite.	11435	3.00	<5	
183.00	188.00	Moderately sheared intermediate volcanics, traces of quartz and traces of pyrite.	11436	5.00	<5	
231.00	233.50	80% flow top breccia, 2% pyrite.	11437	2.50	<5	
243.00	244.50	Moderately altered volcanics, traces of pyrrhotite.	11438	1.50	<5	
255.00	256.50	Moderately altered volcanics, traces of pyrrhotite.	11439	1.50	<5	
300.00	301.50	20% quartz carbonate vein and traces of pyrite.	11440	1.50	<5	
	316.00	END OF HOLE				

Anglaumaque Explorations Inc.

COMPANY : TOTEM MINING CORP.	LOT :	PRINTED : April 02,1998
PROJECT : CLODAN	ZONE :	
DRILL HOLE : 97CLO-02	NO. REF. :	
TOWNSHIP : BEATTY	RANGE :	
CLAIM : 1197528	NTS : 42/09	

COORDINATES AT COLLAR

GRID #1	GRID #2	GRID #3	GRID #4
LINE : 01+00E	LINE : 00+00E	LATITUDE :	LATITUDE : -125.000
STATION : 01+25S	STATION : 00+00N	LONGITUDE :	LONGITUDE : 100.000
ELEVATION : 10000.000	ELEVATION : 0.000	ELEVATION :	ELEVATION : 10000.000

SAMPLING

BASIC ASSAYS : 11419- 11428
LITHOLOGY :

DATE

DATE OF JOURNAL :
SURVEY DATE :
CEMENTING DATE :

PEOPLE

GEOLOGIST : RICHARD ROY
CONTRACTOR : FORAGE DOMINIK
RELOG :

DRILLING STARTED : September 16,1997
DRILLING FINISHED : September 17,1997

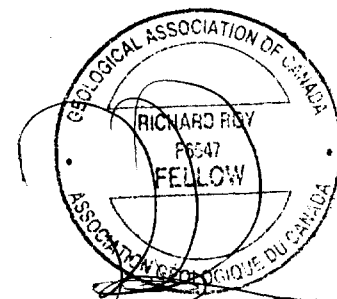
LENGTH COLLAR : 0.00 FINAL : 316.00

CORE STORED : ANGLAUMAQUE EXPLORATIONS SIZE : BQ CASING LEFT : No

PURPOSE : IP anomaly at rhyolite-andesite contact.
TARGET :
REMARKS :

DIRECTIONAL DATA AZIMUTH : 180° 0' DIP : -45° 0'

Length	Azimuth	Dip
100.00	180 0'	-45 0'
200.00	180 0'	-45 0'
300.00	180 0'	-45 0'

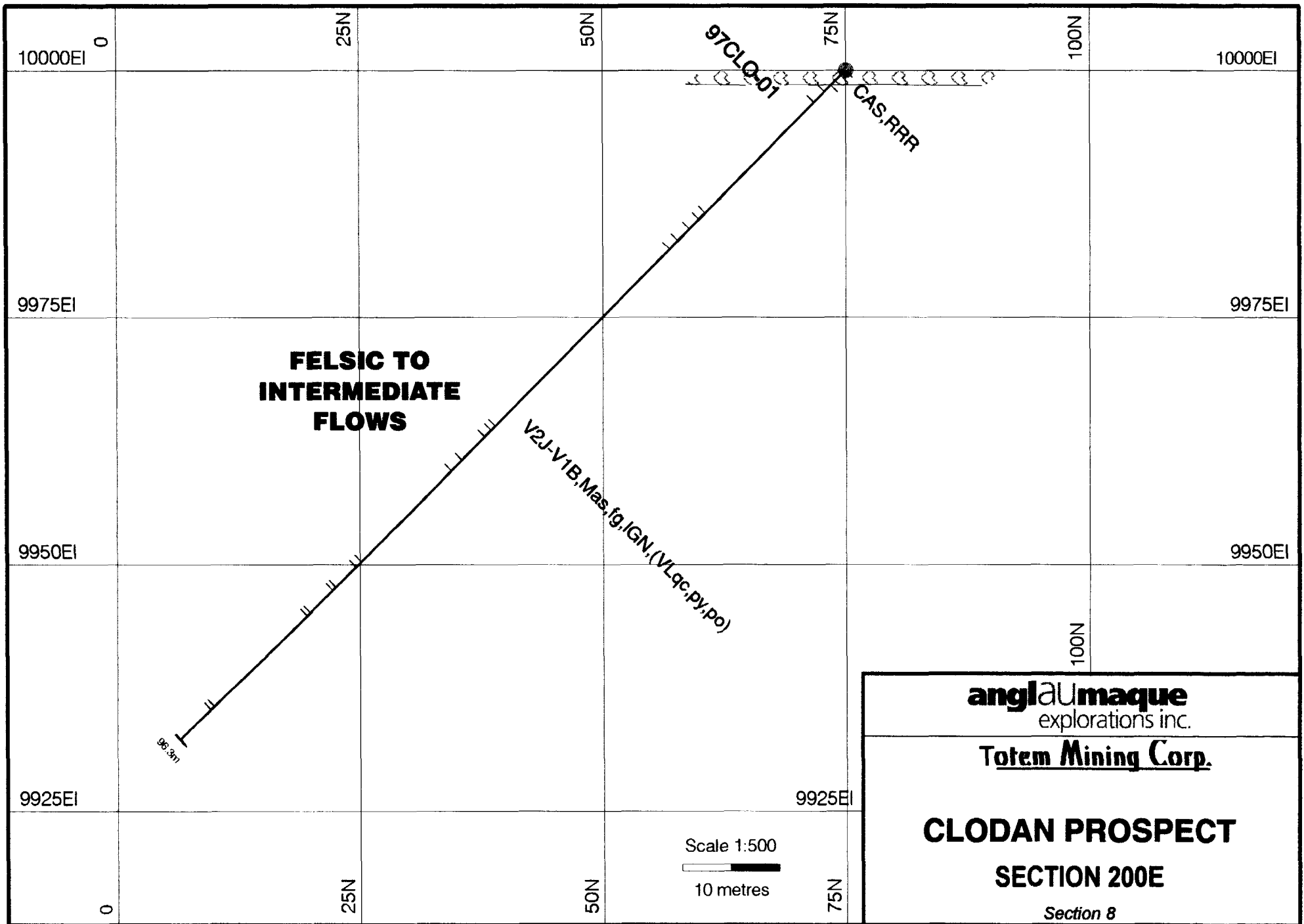


Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION
0.00	7.00	<p>CAS,RRR</p> <p><u>CASING</u> Casing removed.</p>
7.00	155.00	<p>V1B,Mas,fg,mSer,(VLqc)</p> <p><u>MASSIVE RHYOLITE</u> Massive fine grained rhyolite. It is moderately sericitized and contains local quartz carbonate veinlets throughout. No important sulphide mineralization. The unit is quite homogeneous.</p> <p>152.00 - 157.00 M8,mShr,10Vqc,(FLT)</p> <p><u>SHEAR ZONE</u> Moderately sheared volcanic rocks containing some fault gouges. Shearing occurs at the contact between the two sequences. Only traces of sulphides throughout the shear zone.</p>
155.00	316.00	<p>V2J,GN,fg,Mas,(1Ser,Vqc,cpy)</p> <p><u>INTERMEDIATE VOLCANICS</u> Massive and fine grained intermediate volcanics. It is quite homogeneous apart from minor weakly sericitized sections. Local quartz veinlets with minor chalcopyrite.</p>
	316.00	<p>END OF HOLE</p>

Anglaumaque Explorations Inc.

FROM (f)	TO (f)	DESCRIPTION	SAMPLE N.	LENG. (f)	AU PPB	AU2 G/T
37.00	42.00	Weakly fractured rhyolite, traces of pyrite.	11419	5.00	<5	
106.00	111.00	Moderately fractured rhyolite, strongly sericitized, 5% quartz veinlets, traces of pyrite.	11420	5.00	<5	
136.00	141.00	Massive rhyolite, traces of pyrite.	11421	5.00	<5	
141.00	146.00	Massive rhyolite, traces of pyrite.	11422	5.00	<5	
146.00	151.00	Weakly sheared rhyolite, traces of pyrite.	11423	5.00	<5	
151.00	155.00	Moderately sheared rhyolite, traces of quartz vein and pyrite.	11424	4.00	<5	
155.00	157.00	Moderately sheared intermediate volcanics, 10% fault gouge 10% quartz breccia, traces of pyrite.	11425	2.00	20	
266.00	271.00	Massive intermediate volcanics, traces of pyrite.	11426	5.00	<5	
271.00	272.00	2% quartz carbonate veinlets at 45 degrees to the core axis, 0.5% chalcopyrite.	11427	1.00	<5	
272.00	276.00	Trace of quartz vein and traces of pyrite.	11428	4.00	<5	
	316.00	END OF HOLE				

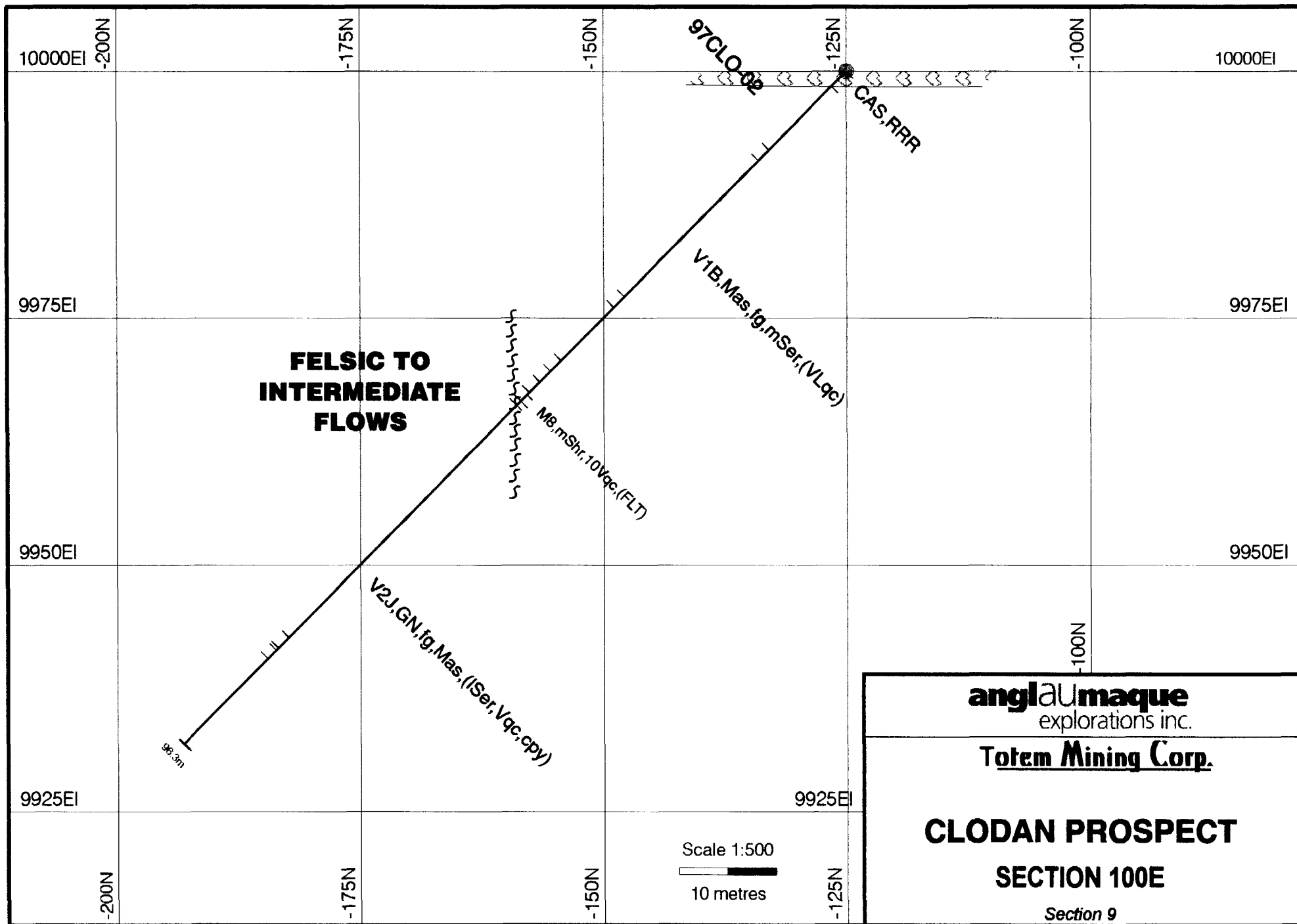


anglomaque
explorations inc.

Totem Mining Corp.

CLODAN PROSPECT
SECTION 200E

Section 8





Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W9880.00762 Assessment Files Research Imaging



42A09SE2016 2.19048 RAND

900

of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the assessment work and correspond with the mining land holder. Questions about this Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ont. L4R 1A7

Toll: Munro Fault Zone

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: 2973090 Canada Inc. Address: 152 chemin de la Mine Ecole, Val d'Or, Quebec J9P 4N7. Client Number: 219048, 300337. Telephone Number: (819) 824-1030. Fax Number: 824-1003.

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 [x] Rehabilitation []

Work Type: Diamond Drilling. Office Use: Commodity, Total \$ Value of Work Claimed: 20,244. Dates Work Performed: From 07/09/1997 To 10/09/1997. Township/Area: Garrison. Mining Division: Harder Lake. Resident Geologist District: Kirkland Lake.

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: Anglauge Explorations Inc. ATTN R. Roy. Address: 2864 chemin Sullivan, Sullivan, Que J0Y 2N0. Telephone Number: (819) 824-1030. Fax Number: 824-1003. RECEIVED stamp: MINING DIVISION, DEC 4 1998, GEOSCIENCE ASSESSMENT OFFICE.

4. Certification by Recorded Holder or Agent

I, Larry J. Staliker, 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: Larry J. Staliker. Date: August 06, 1998. Agent's Address: P.O. Box 64, Frankford, Ont K0K 2C0. Telephone Number: (613) 962-0719. Fax Number: (613) 962-1583.

Deemed March 04/1999

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9880.00762

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	L-1205771	2	\$20244			\$20244
2						
3						
4						
5						
6						
7						
8						
9				2.19048		
10						
11						
12						
13						
14						
15						
Column Totals			\$20244			\$20244

I, Larry J. Stoliker (Print Full Name), 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: Larry J. Stoliker Date: August 06/98

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	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LARRY J. STOLIKER
DEC 4 1998
2:10 PM



Statement of Costs for Assessment Credit

Transaction Number (office use) W9880.00762

TO: Munro Fault Zone

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 696. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include Diamond Drilling, Geologist, Geological Assistant, Assays, Drafting, Photocopying etc, Transportation Costs, Food and Lodging Costs, and Total Value of Assessment Work.

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.

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

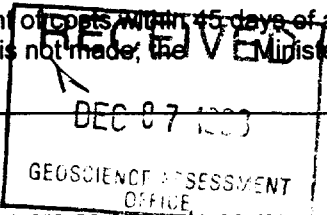
Note:

- 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.

Certification verifying costs:

I, Larry J. Stoliker, 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 Agent I am authorized to make this certification.



Signature: Larry J. Stoliker, Date: August 6/98

RAMSEY LAKE MINING DIVISION, DEC 4 1998, 2:10 PM



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)

W9880.00763

Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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)

2.19048

Form with fields for Name, Address, Client Number, Telephone Number, and Fax Number. Handwritten entries include '2973090 Canada Inc', '152 chemin de la mine école', 'Val d'Or, Quebec J9P 4N7', '300337', '(819) 824-1030', and '824-1003'.

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

Form with fields for Work Type (Diamond Drilling), Office Use, Commodity, Total \$ Value of Work Claimed (21,073), Dates Work Performed (16/09/1998 to 18/09/1998), NTS Reference, Mining Division (Larder Lake), and Resident Geologist (Kirkland Lake).

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)

Form with fields for Name, Address, Telephone Number, and Fax Number. Includes a 'RECEIVED' stamp from 'LARDER LAKE MINING DIVISION' dated 'DEC 4 1998'.

4. Certification by Recorded Holder or Agent

I, Larry J. Stoliker, 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.

Form with fields for Signature of Recorded Holder or Agent (Larry J. Stoliker), Date (August 06, 1998), Agent's Address (P.O. Box 64, Frankford, Ont N0K 2C0), Telephone Number ((613) 962-0719), and Fax Number ((613) 962-1583).

Deemed March 04/1999

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9880.00763

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 L-1206877	2	\$21073			\$21073
2					
3					
4					
5					
6					
7					
8	2.19048				
9					
10					
11					
12					
13					
14					
15					
Column Totals	2	\$21073			\$21073

I, Larry J. Stolike (Print Full Name), 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: Larry J. Stolike Date: August 06, 1998

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	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LANDS DIVISION
MINING DIVISION
DEC 4 1998
2:10



Statement of Costs for Assessment Credit

Transaction Number (office use) W9880.00763

Top: Claden Prospect

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/98. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include Diamond Drilling, Geologist, Geological Assistant, Assays, Associated Costs (Drafting, Photocopying etc), Transportation Costs, Food and Lodging Costs, and Total Value of Assessment Work.

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.

TOTAL VALUE OF ASSESSMENT WORK x 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.

Certification verifying costs:

I, Larry J. Stoliker, 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 Agent I am authorized to make this certification.

RECEIVED LARRY J. STOLIKER MINING DIVISION

DEC 4 1998

2:10

Signature: Larry J. Stoliker Date: August 26, 1998



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) W9880.00764 Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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)

2.19048

Name: 2973090 Canada Inc, Client Number: 300337, Address: 152 chemin de la Mine Ecole, Val d'Or, Quebec J9P 4N7, Telephone Number: (819) 824-1030, Fax Number: (819) 824-1003

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) [checked] Physical: drilling stripping, trenching and associated assays [checked] Rehabilitation [unchecked]

Work Type: Diamond Drilling, Office Use, Commodity, Total \$ Value of Work Claimed: 25,987, Dates Work Performed: 25/08/1997 to 29/08/1997, Township/Area: Guibord, Mining Division: Larder Lake, Resident Geologist District: Kirkland Lake

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: Anglaurmagne Explorations Inc Attn: R. Roy, Telephone Number: (819) 824-1030, Address: 2864 chemin Sullivan, Sullivan, Que J0Y 2N0, Fax Number: (819) 824-1003

RECEIVED LARDER LAKE MINING DIVISION

DEC 4 1998

RECEIVED 10:30 DEC 07 1998 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, Larry J. Stoliker, 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: Larry J. Stoliker, Date: August 06, 1998, Agent's Address: P.O. Box 64, Frankford, Ont K0R 9C0, Telephone Number: (613) 962-0719, Fax Number: (613) 967-1583

Seemed March 04/1999

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9880.00764.

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 L-1211975	3	\$25,987			\$25,987
2					
3					
4					
5			2,19048		
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10					
11					
12					
13					
14					
15					
Column Totals	3	\$25,987			\$25,987

I, Larry J. Staliker (Print Full Name), 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: Larry J. Staliker Date: August 06/98

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	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LARDER LAKE
MINING DIVISION

DEC 4 1998

2:10 LR



Statement of Costs for Assessment Credit

Transaction Number (office use) W9880.00764

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 8/96. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include Diamond Drilling (307.9 metres), Geologist (1764.32), Geological Assistant (1945.83), Assays (1191.97), Drafting, photocopying etc (1400.08), Transportation Costs (528.00), Food and Lodging Costs (1361.88), and Total Value of Assessment Work (825986.9).

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.

TOTAL VALUE OF ASSESSMENT WORK x 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.

Certification verifying costs:

I, Larry J. Stoliker, 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 Agent I am authorized to make this certification.

RECEIVED LARDER LAKE MINING DIVISION

DEC 4 1998 2:10 PM

Signature Larry J. Stoliker Date August 06/98

RECEIVED DEC 07 1998 GEOSCIENCE AND ASSASSMENT OFFICE

Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)
W9880.00765
Assessment Files Research Imaging

TOH: Irish Prospect

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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	297 3090 Canada Inc.	Client Number	2.19048
Address	152 chemin de la Mine Ecde Vald'Or, Quebec, J9P 4N7	Telephone Number	300337 (819) 824-1030
		Fax Number	(819) 824-1003
Name		Client Number	
Address		Telephone Number	
		Fax Number	

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	Diamond Drilling	Office Use
Dates Work Performed	From 29 08 1997 To 04 09 1997	Commodity
Global Positioning System Data (if available)	Township/Area: Michaud	Total \$ Value of Work Claimed: 21,519
	M or G-Plan Number	NTS Reference
		Mining Division: Larder Lake
		Resident Geologist District: Kirkland Lake

- 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	Anglismaque Explorations Inc. Attn: R. Roy	Telephone Number	(819) 824-1030
Address	2864 chemin Sullivan, Sullivan, Que J0Y 2N0	Fax Number	(819) 824-1003
Name		Telephone Number	
Address		Fax Number	

RECEIVED
LARDER LAKE
MINING DIVISION
DEC 4 1998

RECEIVED
DEC 07 1998
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, Larry J. Stoliker (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	<u>Larry J. Stoliker</u>	Date	August 06/98
Agent's Address	P.O. Box 64, Frankford, Ont K0K 2C0	Telephone Number	(613) 962-0719
		Fax Number	(613) 962-1583

Deemed March 04/1999

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9880.00765

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 6-1202451	4	\$21519.00			\$21519
2					
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12		2.19048			
13					
14					
15					
Column Totals		\$21519			\$21519

I, Larry J Stoliker (Print Full Name), 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

Date

Larry J. Stoliker

August 06/98

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

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LARRY J. STOLIKER
MINING DIVISION

DEC 4 1998

2:10 PM



Statement of Costs for Assessment Credit

Transaction Number (office use)

W9880.00765

TOH: Irish Prospect

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 696. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	294.7 meters 95'		\$14786.47
Geologist			1689.21
Geological Assistant			1862.98
Assays		2.19048	576.61
Associated Costs (e.g. supplies, mobilization and demobilization).			
Drafting, photocopying etc			875.00
Transportation Costs			
	Transportation		425.00
Food and Lodging Costs			
			1303.90
Total Value of Assessment Work			\$21519.17

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 worked claimed.

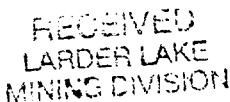
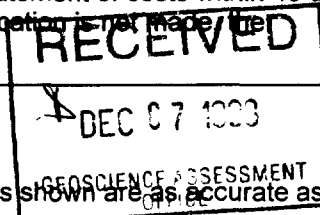
Note:

- 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 by the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Larry J. Stoliker (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 [Signature] Agent I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)



DEC 4 1998

2:10 PM

Signature Larry J. Stoliker Date August 06/98

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

Telephone: (888) 415-9846
Fax: (877) 670-1555

April 29, 1999

2973090 CANADA INC.
152, CHEMIN DE LA MINE ECOLE
VAL D'OR, QUEBEC
J9P-4N7

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.19048

Status

Subject: Transaction Number(s):	
W9880.00762	Approval After Notice
W9880.00763	Approval After Notice
W9880.00764	Approval After Notice
W9880.00765	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 Lucille Jerome by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.19048

Date Correspondence Sent: April 29, 1999

Assessor: Lucille Jerome

General Comment:

In order to simplify the relocation of work in the field, all future plan maps should show topographic features and claim number where the work was performed.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00762	1205771	GARRISON	Approval After Notice	April 20, 1999

Section:
16 Drilling PDRILL

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00763	1206877	BEATTY	Approval After Notice	April 20, 1999

Section:
16 Drilling PDRILL

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00764	1211975	GUIBORD	Approval After Notice	April 20, 1999

Section:
16 Drilling PDRILL

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00765	1202451	MICHAUD	Approval After Notice	April 20, 1999

Section:
16 Drilling PDRILL

Work Report Assessment Results

Submission Number: 2.19048

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

Larry J. Stoliker
FRANKFORD, ONTARIO, CANADA

2973090 CANADA INC.
VAL D'OR, QUEBEC

2973090 CANADA INC.
VAL D'OR, QUEBEC

2973090 CANADA INC.
VAL D'OR, QUEBEC

2973090 CANADA INC.
VAL D'OR, QUEBEC

C-3638

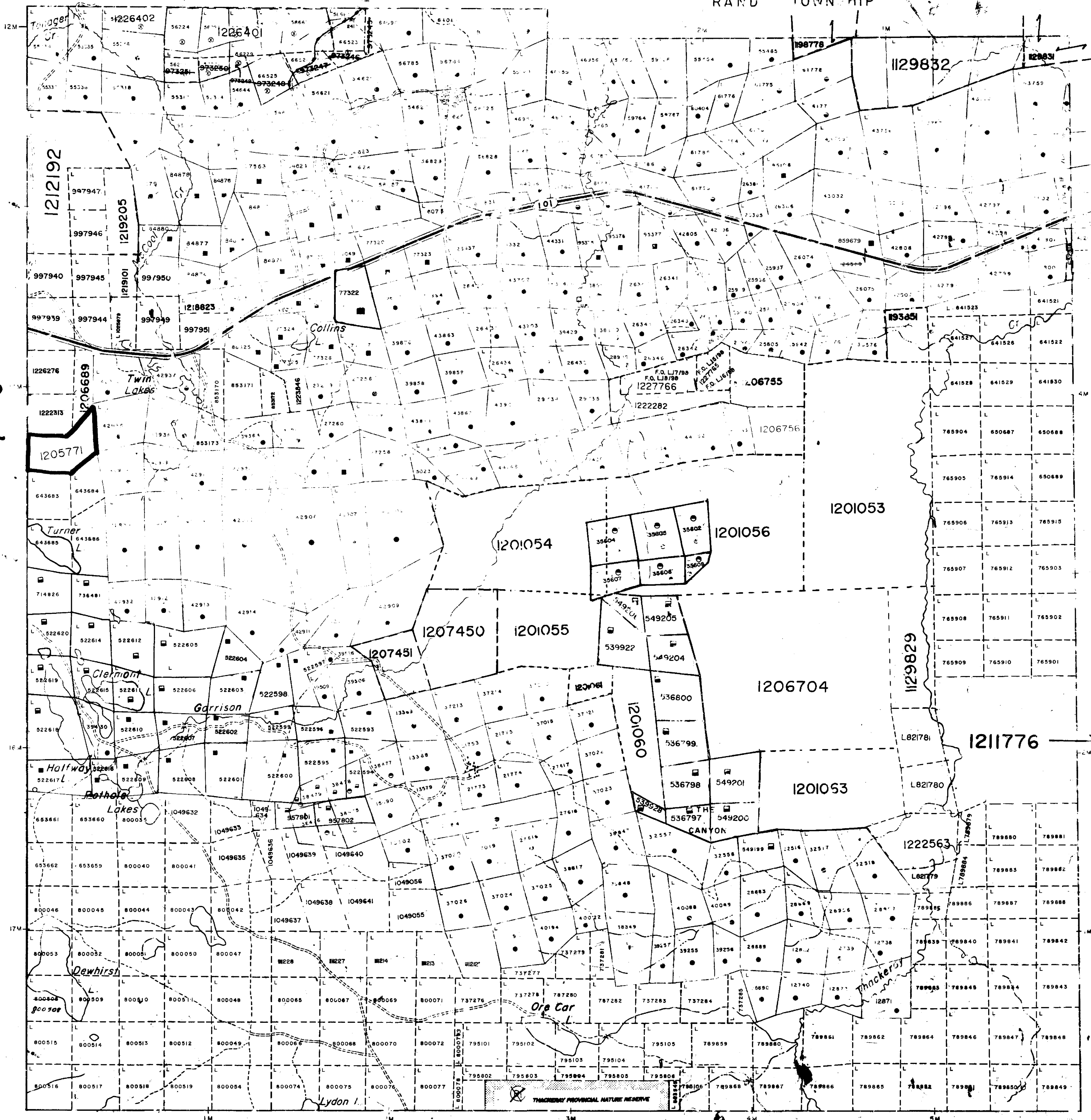
M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

Applies under Public Lands Act - Proposed
 Hydro Line

N.R.W. 03/83 REVISSED MARCH 29/85, AS OF JANUARY 28, 1985
 DECLARED A PROVINCIAL PARK

**2.19048
 PDRILL**

MICHAUD TOWNSHIP

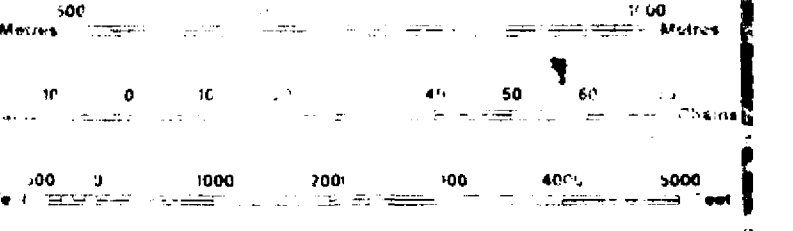


THACKERAY TOWNSHIP

COPY OF THIS MYLAR
 ARCHIVED MAY 13/93
 ARCHIVED MAY 17/1995

LEGEND

- HIGHWAY AND OTHER RIGHTS
- UNSURVEYED LINES
- LOT LINES
- MINING RIGHTS
- FLUVIDIAL RIGHTS
- RESERVATION RIGHTS
- ORIGINAL SHORELINE
- WATER RIGHTS



SCALE 1:1000
 Application for S.R.O.s
 under Public Lands Act

DATE OF ISSUE
 APR 20 1989
 PROVINCIAL RECORDING
 OFFICE - SUDBURY

THE INFORMATION THAT
 APPEARS ON THIS MAP
 HAS BEEN COMPILED
 FROM VARIOUS SOURCES,
 AND ACCURACY IS NOT
 GUARANTEED. THOSE
 WISHING TO STAKE MIN-
 ING CLAIMS SHOULD CON-
 SULT WITH THE MINING
 RECORDER, MINISTER OF
 NORTHERN DEVELOP-
 MENT AND MINES, FOR AD-
 DITIONAL INFORMATION
 ON THE STATUS OF THE
 LANDS SHOWN HEREON.

TOWNSHIP
GARRISON
 M.N.R. ADMINISTRATIVE DISTRICT
 KIRKLAND LAKE
 MINING DIVISION
 LARDER LAKE
 LAND TITLES / REGISTRY DIVISION
 COCHRANE

Ministry of Natural Resources
 Ministry of Northern Development and Mines
 Ontario

G-3638

C-3638



NOTES

400' surface rights reservation along the shores of all lakes and rivers

SAND AND GRAVEL

⑥ M.T.C. GRAVEL PIT No. 702

AREAS WITHDRAWN FROM STAKING

⑫ SURFACE RIGHTS WITHDRAWN FROM STAKING SECTION 42 (R.S.O. '60), FILE 164508

⑬ SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING, SECTION 36/80, W.5/86, JAN. 24, 1986

SEC. 35/90 D-L-16/94 NER MAY 16/94 S.R. 8 MR W.9/86

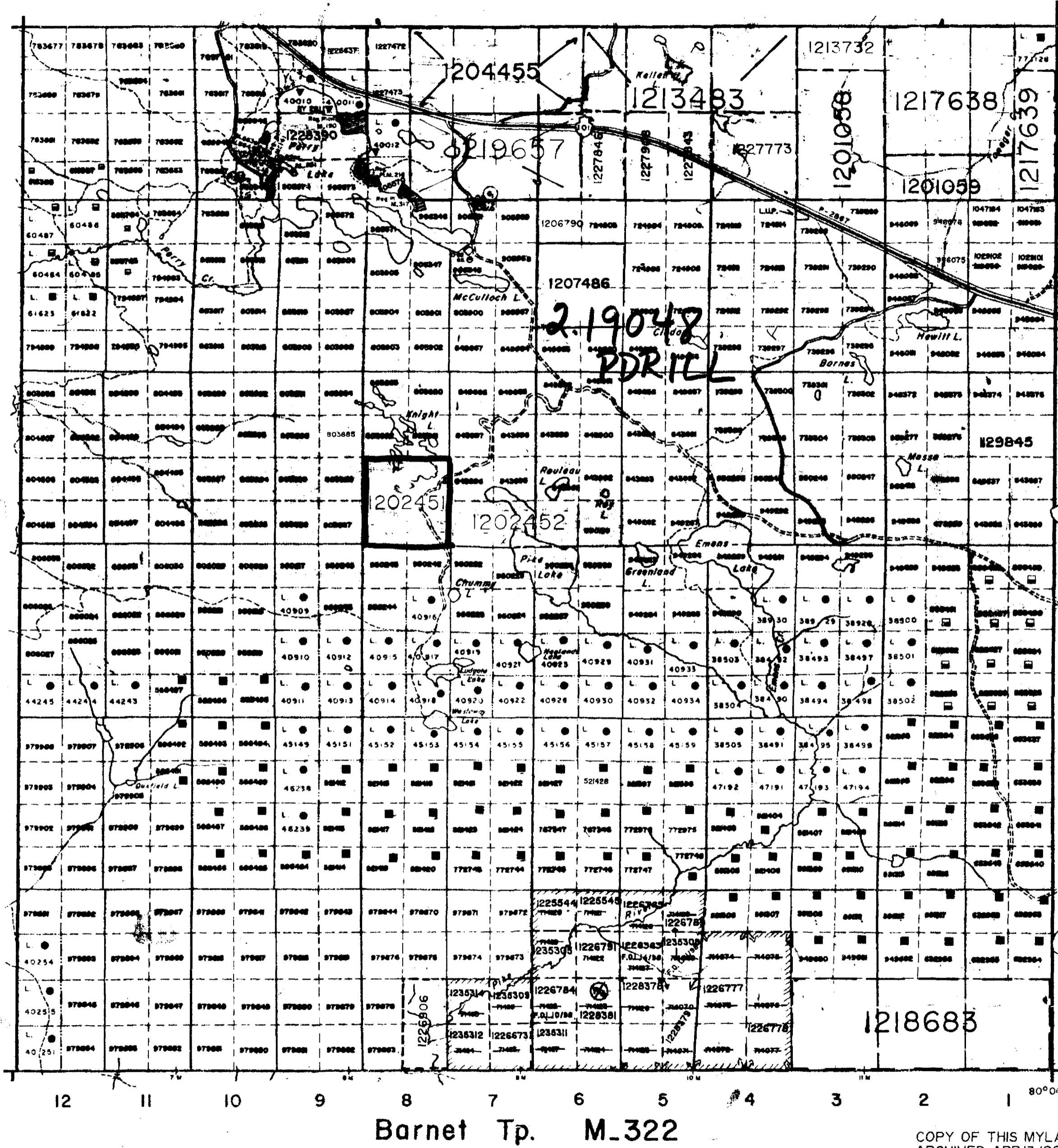
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE WATABEAG MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:

P.O. BOX 129
SWASTIKA, ONT.
POK ITO
705-642-3222

McCool Tp. M-365



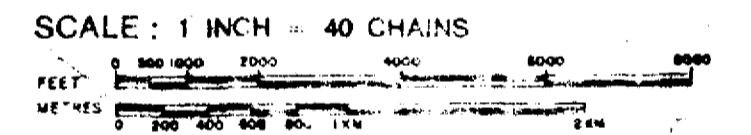
LEGEND

- 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
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

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 | ▽ |
| CROWN LAND SALE | □ |
| ORDER-IN-COUNCIL | ○ |
| RESERVATION | ○ |
| CANCELLED | ○ |
| SAND & GRAVEL | ○ |

DATE OF ISSUE
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ACRES	HECTARES
40	16

TOWNSHIP

MICHAUD

DISTRICT

COCHRANE

MINING DIVISION

LARDER LAKE

DATE RECEIVED FEB. 3 1999



MINISTRY OF NORTHERN DEVELOPMENT AND MINES

Date JUNE 10, 1998

Plan No.

M-372



REFERENCES

RAWN FROM DISPOSITION

MINING RIGHTS ONLY

FACE RIGHTS ONLY

MINING AND SURFACE RIGHTS

No.	Date	Disposition	File
1	JULY 14, 1995	M&S WITHDRAWN	
2	JAN. 2/96	M&S	

NOTES

22 METER SURFACE RIGHTS

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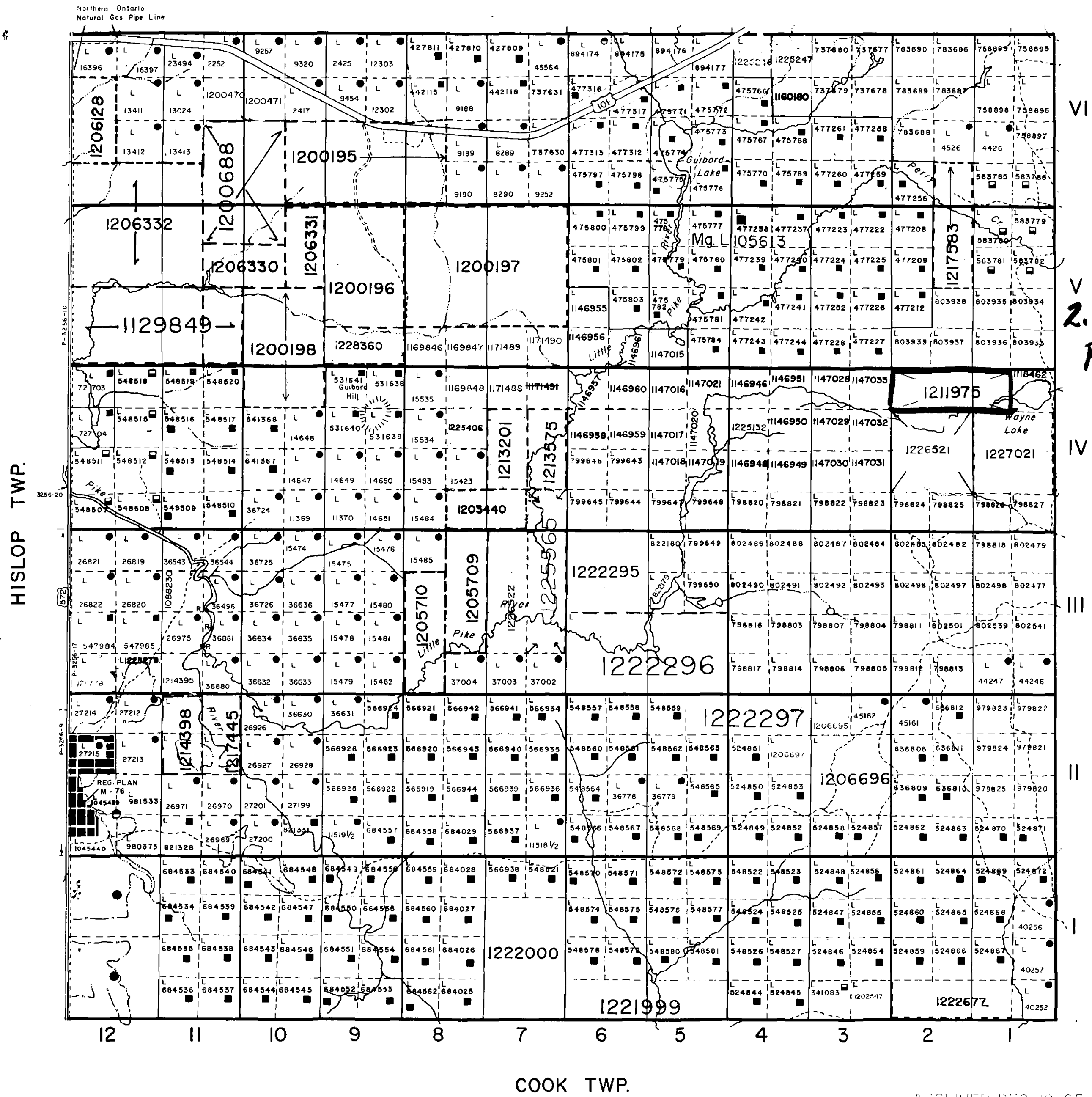
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2.19048
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IV

III

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MICHAUD TWP.

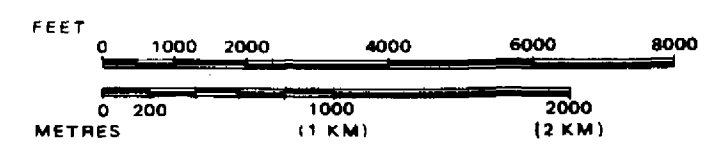
LEGEND

- HIGHWAY AND ROUTE No.
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 - PARCEL BOUNDARY
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- 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	◔
ORDER-IN-COUNCIL	◕
RESERVATION	◖
CANCELLED	◗
SAND & GRAVEL	◘

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

DATE OF ISSUE

APR 23 1993

PROVINCIAL RECORDING OFFICE - SUDBURY

GUIBORD

M.N.R. ADMINISTRATIVE DISTRICT

COCHRANE

MINING DIVISION

LARDER LAKE

LAND TITLES / REGISTRY DIVISION

COCHRANE

Ministry of Natural Resources Ontario

Ministry of Northern Development and Mines

Date MAY 1990

Number G-3642

CIRCULATED NOV. 23, 1993.

ARCHIVED DEC. 19 1995

ARCHIVED MARCH 26/97

