



41P11SW2003 2.20422 CHURCHILL

010

**GEOTECHNICAL REPORT**  
**ON THE**  
**HINZER, DIRKS, DIRKS**  
**SHININGTREE**  
**BASE AND PRECIOUS METALS PROPERTY**  
**CHURCHILL TOWNSHIP, ONTARIO**

**2 . 20422**

J.B. Hinzer  
June 2000

**RECEIVED**  
JUL - 4 2000  
GEOSCIENCE ASSESSMENT  
OFFICE



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## INTRODUCTION

The author became aware of the unique potential of this area as a result of a compilation study of this property for the registered claim holder M. Caron (CORPOMIN) in 1998. Eight target areas containing a total of 14 sites of anomalous gold mineralization were identified. Mineralization is hosted by intermediate to mafic Archean metavolcanic rocks in a structural setting similar to that of the Timmins camp. In April (1999) the author and partners optioned these claims.

The initial site visit was undertaken in May 1999. Results of the findings were reported in the Geotechnical Report submitted in July 1999.

A second property visit during October 15-19, 1999 served to evaluate several new areas and carry out additional, complementary follow up work, at sites sampled in May. Limited geological mapping and rock geochemical sampling was undertaken at all sites. Three channel (chip) samples were submitted for gold and or base metal analysis and 12 rock samples were sent for multielement analysis. These samples were analyzed by ACTLABS of Ancaster Ontario. The site was again visited in January 2000 to carry out a limited magnetometer survey over a small lake on claim 1132568 to trace a projected fault zone under the lake. This work was undertaken in conjunction with the staking of three additional claims.

The latest visit June 1-2, 2000 detailed an area of anomalous Cr and Ni values in the northeastern part of the property revealed during the initial visit. Samples were analyzed at Swastika Assay Laboratories.

This report presents the findings of the October, January and June site surveys and summarizes the results of all the field visits with recommendations for the focus of complementary surveys proposed to follow up the most prospective targets.

## Property Description

Location. Shining Tree Area Larder Lake Mining Division Churchill Township G 3210 NTS sheet 41/P/11 Lat. 47°37' Long. 81°18' (see Figure 1)

The property currently consists of 21 contiguous unpatented mining claims in Churchill Township of the Larder Lake Mining Division of Ontario shown on Fig.2 and listed in Table 1 below. Eighteen of these claims are recorded under the name of Corpomin Management Inc, these are held under option by J.B.Hinzer, P.P.Dirks and P.J.Dirks (1/3) as of April 26, 1999. Three new claims( as shown on Fig.2.), totaling 10 units, were added in January to replace four of the claims that expired on Jan.3 , 2000 and to expand the holdings. These claims are held in the name of J.B.Hinzer, P.P.Dirks and P.J.Dirks (1/3)each.

**TABLE 1** LIST OF CLAIMS

<u>Claim Number</u>	<u>Due date</u>	<u>Claim Number</u>	<u>Due Date</u>
L-1132560	July 3, 2000	L-1155438	July 12, 2000
L-1132561	July 3, 2000	L-1155439	July 12, 2000
L-1132562	July 3, 2000	L-1155440	July 12, 2000
L-1132567	July 3, 2000	L-1155443	July 12, 2000
L-1132568	July 3, 2000	L-1155447	July 12, 2000
L-1132599	July 3, 2000	L-1155449	July 12, 2000
L-1132607	July 3, 2000	L-1155450	July 12, 2000
L-1132608	July 3, 2000	L-1155454	July 12, 2000
L-1132614	July 3, 2000	L-1155455	July 12, 2000
L-1132569	Jan 3, 2000*] expired re-staked as part of claim 1236869		
L-1132570	Jan 3, 2000*] " " " " " "		
L-1155428	Jan 3, 2000*] expired re-staked as part of claim 1236871		
L-1155437	Jan 3, 2000*] expired re-staked as part of claim 1236870		
L-1155436	Jan 3, 2000*] " " " " " "		

LOCATION MAP

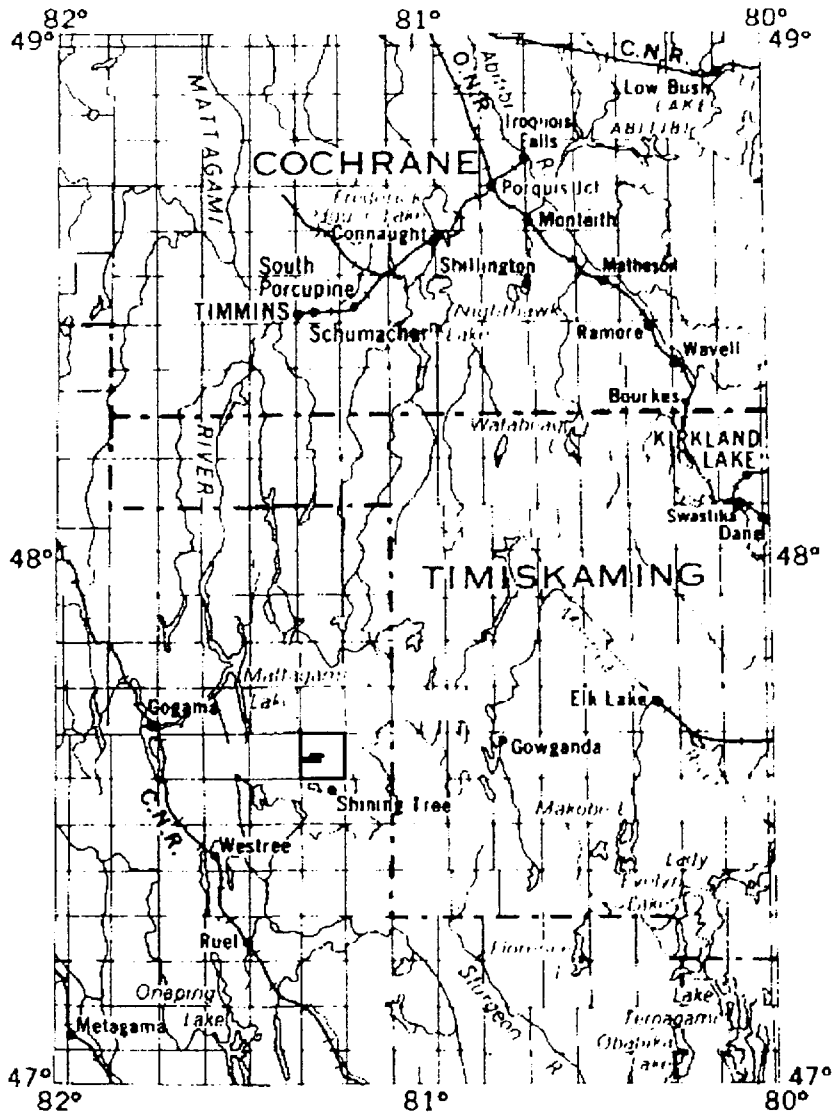
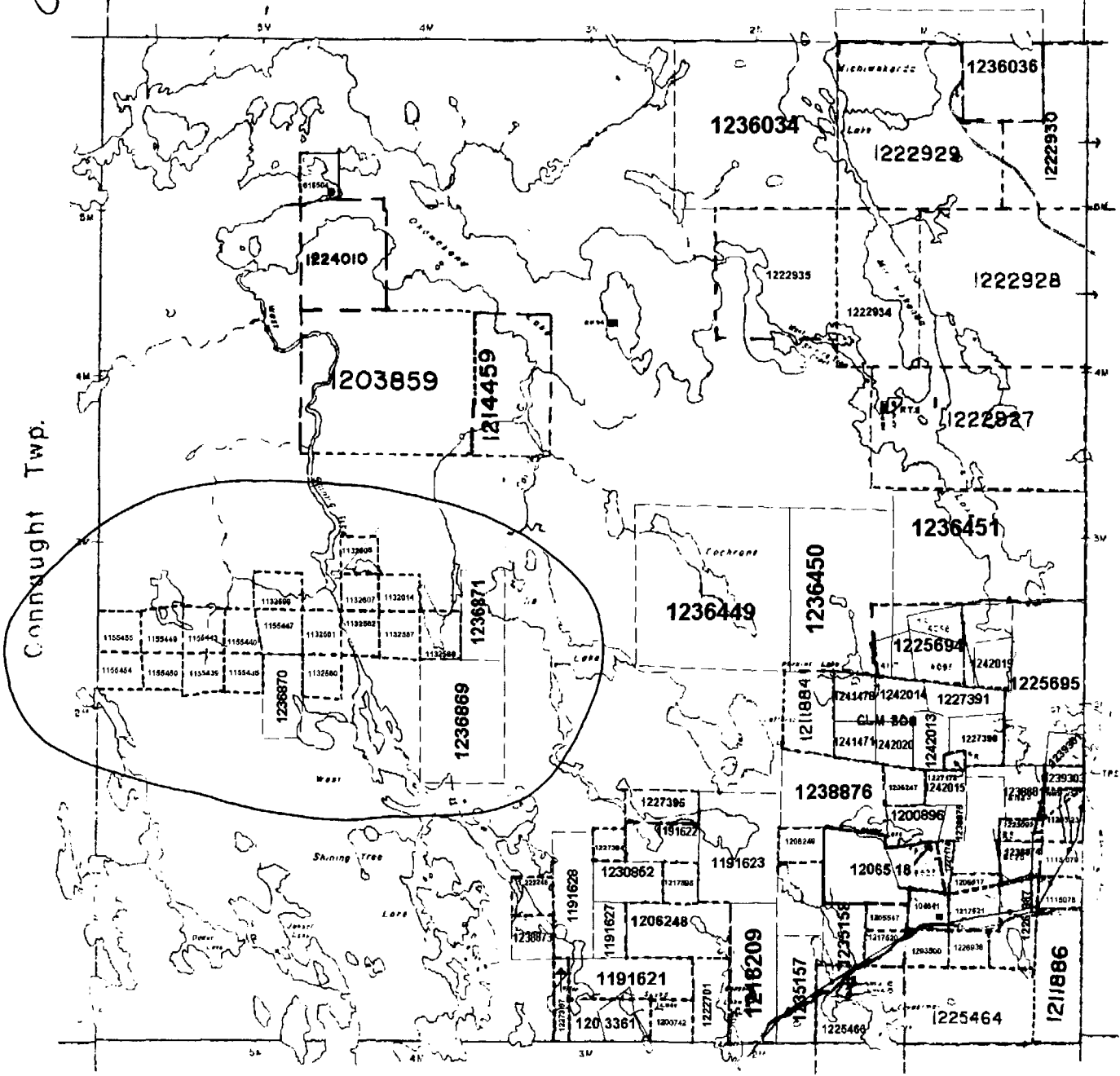


FIGURE 1

5

Kelvin Twp.



Asquith Twp.

Macmurchy Twp.

LEGEND

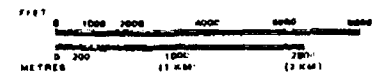
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	◑
" SURFACE RIGHTS ONLY	◒
" MINING RIGHTS ONLY	◓
LICENCE OF OCCUPATION	◔
ORDER-IN-COUNCIL	○
RESERVATION	⊙
CANCELLED	⊘
SAND & GRAVEL	⊚
LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS	⊛

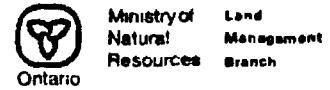
NOTE: SURFACE RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 280, SEC. 93, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



400 FOOT (APPROX 122 METERS) SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS.

TOWNSHIP  
**CHURCHILL**  
 M.N.R. ADMINISTRATIVE DISTRICT  
**GOGAMA**  
 MINING DIVISION  
**LARDER LAKE**  
 LAND TITLES, REGISTRY DIVISION  
**SUDBURY**



964 FEBRUARY, 1985

Number

CIRCULATED DEC. 1, 1983

G-3210

ARCHIVED JANUARY 9/86  
ARCHIVED DEC. 5/95

The center of the property lies 6.4 km. (4 miles) northwest of Highway 560. The claims are accessible by boat, 10-km approximately 30-40 minutes, from the village of Shining Tree where acceptable accommodation and boat rental are available.

Relief is gentle ( 5-30m) and outcrop exposure is extensive in most parts.

### **History**

The Shining Tree area, because of its generally similar geology to the Timmins camp, has received periodic exploration for both gold and base metals since the early 1900's.

The relationship between mineral occurrences and structure was well presented by Kutina and Fabbri (1971) for this part of the Abitibi area. Their work showed a strong correlation of both base metal and gold occurrences with major east-west and north-south structures, and especially their zones of intersection. Regional geological mapping by the O.G.S. (Map 2484, 1984) shows the geological similarities between both the Timmins and Shining Tree area and the presence of similar NNW and ENE structures.

Many gold showings were actively explored during the 1970's and late 1980's in the eastern and southeastern parts of Churchill Township. Base metals are reported in adjacent townships to the north and west and more recently in the east.

Following the release of the Ontario Geological Survey Geotrex airborne survey in 1990 activity in this area was reactivated. Kidd Creek Mines reported sporadic copper mineralization from their 1991 drill program which tested several airborne electromagnetic anomalies near a previously reported grab sample assaying 2.57% Cu immediately north of the current claim group.

The claim group itself, was optioned by Northgate Mines Ltd. in 1990 for its gold potential. Northgate field crews completed geological, soil geochemical and ground magnetic and VLF surveys in 1990. Soil and rock geochemical sampling identified numerous sites of anomalous gold mineralization. Follow up work consisting of limited channel sampling and some whole rock analysis encountered encouraging gold values at three sites with values of up to 6 g/tonne. Other anomalous areas, were never followed up, or were not ranked as significant. The absence of airborne electromagnetic anomalies precluded the testing of samples for base metal mineralization by Northgate. Northgate relinquished the option on the property in 1992 as part of its restructuring in the mid 1990's.

No further work has been undertaken on the property since that time.

### **General Geology**

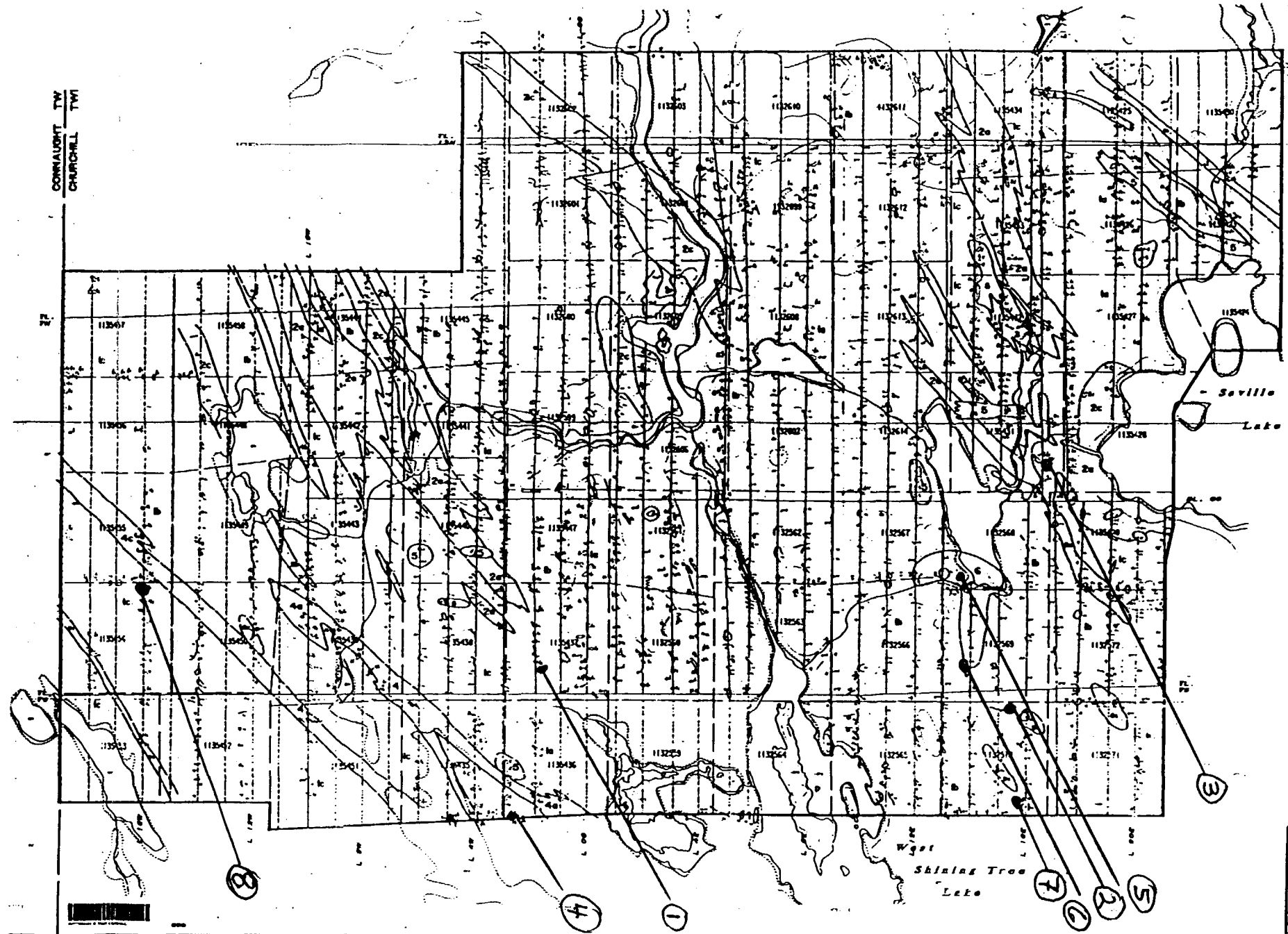
Archean greenstone formations consisting of both calc-alkaline and tholeiitic rocks equivalent to the Timmins area Cycle II, III and IV groups underlie the area (Carter 1980) with strikes north to northwest and dipping steeply to the east.

The tholeiitic rocks of the Shining Tree area are considered equivalents of the (Timmins) Kinojevis group, which host much of the prolific gold mineralization in the Timmins camp. Field mapping by Northgate (Doyle 1992) identified dominant mafic and intermediate volcanic rocks (see Figure 3). Whole rock geochemistry confirmed the mafic rocks as primarily potassium rich tholeiitic basalts and the intermediate rocks as potassium poor calc-alkaline dacites, equivalent to (the mineralized Cycle III rocks of the Timmins area).

JK

① Anomalies visited

Fig. 3

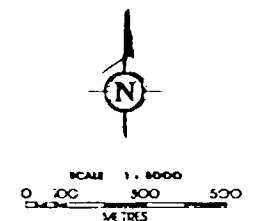


GEOLOGICAL LEGEND:

[Symbol]	[Description]
[Symbol]	[Description]
[Symbol]	[Description]
[Symbol]	[Description]
[Symbol]	[Description]

ABBREVIATIONS & SYMBOLS:

[Symbol]	[Description]
[Symbol]	[Description]
[Symbol]	[Description]
[Symbol]	[Description]



Northgate Exploration Ltd.  
CHURCHILL TWP. PROJECT  
BRANC 1015 AREA, OYAMA, N.W.T.  
GEOLOGY PLAN

Felsic volcanics are present as narrow bands in the northeast and metasediments are interbedded in the southwestern areas of the claim group. Ultramafic rocks although not identified on the claims by Northgate have been mapped by Carter (1980) at the western claim boundary and along strike southeast of Saville Lake.

Strikes vary from 310-340 degrees, dips are sub vertical. The dominant structures observed from air photo, aeromagnetic and satellite imagery are a series of N-S to NNW-SSE and E-W to ENE-WSW lineaments interpreted to be major fault lines. Topographic features strongly reflect these directions. Carter (1980) identified most of the major N-S and NNW-SSE faults, the most significant being along the western township boundary.

### **Field Program (Oct. 1999, Jan. and June 2000)**

A limited program of prospecting, detailed geological mapping and rock geochemical sampling evaluated two zones of anomalous gold mineralization identified by the previous Northgate work. The October work program consisted of 12 man-days, 3 days each for four people and included field mapping and sample preparation. The January magnetic survey work was one man-day, two persons for ½ day each. The June project consisted of 7 man days of work including rock geochemical sampling, geology, prospecting and sample preparation.

The crew members working at various times consisted of

P.P.Dirks.....	Prospector/ co-owner.....	St Catharines, Ontario
P.J.Dirks.....	Prospector/ co-owner...	St Catharines, Ontario
J.B.Hinzer.....	Geologist/co-owner.....	Niagara Falls, Ontario
J.F.Hinzer.....	Laborer/assistant	Niagara Falls, Ontario
J.Kaye.....	Laborer/assistant.....	St Catharines, Ontario

The magnetic survey planned for 1.2km was cut back to 700m due to extremely deep snow conditions on the lakeshore and initial difficulties in accessing the site.

All sites visited have been located on the Northgate geology map included as Figure 3.

Channel samples were assayed using fire assay/ metallic screen procedure on a 250g sample (see appendix I). Multielement analysis were performed on 30g samples which were treated by neutron activation to measure various combination of elements (see appendix I).

### **Detailed Areas**

Approximately 1450m of flag line grids were re-established to locate respective showings and 1400m of detailed pace and compass geological surveys and 700m of geophysical surveys were completed during these visits. An additional 2.1-km of tie line and claim line were refreshed to facilitate access. Thirty-one of the more than 55 rock samples collected were selected for analysis including three channel samples consisting of rock chips and oxidized material. For correlation purposes the previous Northgate grid co-ordinates have been retained and the Northgate grid is used as a reference base for these surveys.

The three anomalous sites and the magnetic survey are detailed below.



Anomaly 3A, shows (Line 17+00 to 18+00E / 0+50S to 2+50N) see location map Fig.3) and detail plan (Fig. 4). This area is underlain by a complex assemblage of altered ultramafic to mafic volcanics, felsic volcanics, porphyry and various intrusives including Nippising diabase. Foliation and shearing was observed in both northeast (65-75°) and southeast (140-160°). Outcrop ridges and frequent fault scarps follow the southeast direction. The central area is underlain by mafic volcanics, locally pillowed. These rocks are flanked by felsic porphyritic rocks, light gray with sparse quartz and feldspar phenocrysts and up to 5% sulphides locally to the west, pinkish gray and feldspar porphyritic to the east and light gray but unmineralized to the northeast. The dominant assemblage in the west consists of a fine-grained light olive gray-green, massive, homogeneous assemblage, which becomes coarser grained to the northeast. This may be of intrusive origin being iron rich and carbonatised to varying degree. The higher than usual Ni content (>500ppm) suggest a possible ultramafic origin. The rocks in the northwest appear dacitic, are carbonatised and weakly mineralized locally. Well mineralized dark green-black schists occur locally along northwest trending shears (samples M-13, M-8A). These samples displayed the highest copper contents. Analyses showed somewhat elevated nickel and copper values as described above. Gold, platinum and palladium were at background levels.

Anomaly 5A shows (Line 13+00 to 13+75E / 2+20 to 2+75S) see location map (Fig.3) and detail plan (Fig. 5). The second visit to this area located the original Northgate sample sites and afforded a more detailed look at the geology. This area is underlain by fine-grained massive quartz porphyritic intrusive. Local mafic feldspar porphyritic intrusives are also present. Foliation is well developed locally and strikes southwest to northeast (230-240°). Carbonate alteration is seen as rusty streaks and knobs, up to 10 x 30cm, parallel to the foliation. Local quartz veins are milky white with minor pyrite.

Multielement analysis showed elevated gold arsenic and zinc. Sheared samples were strongly enriched in Ca, 2 to 3 times higher than most other areas. Gold content increased with quartz (veining) and the amount of sulphides. Of note is the strong Na depletion in the most sheared zones, suggesting these rocks may be within a strongly altered deformation zone. Multielement analysis found anomalous gold, arsenic, zinc and copper values as well as elevated Fe, and V values and depleted Na, K and Ca. One of the two trench samples encountered anomalous gold values (0.15g/t over 0.3m).

Anomaly 8A (Line 16+00W / 2+75 to 3+50S) see location map (Fig. 3) and detail plan (Fig. 6). This was the western most anomaly identified by Northgate. These rocks previously identified as sediments, are for the most part pyroclastics dominantly quartz x-tal tuffs and agglomerates. Pyroclastic fragments are frequently cherty. Chloritization, local quartz and carbonate veining with disseminated sulphides (2-3% py-po, trace cpy) are characteristic. Chip samples channeled one gossan area across 0.5m.

No anomalous base metals were present in the channel samples. Some samples show anomalous gold, local Fe and Ba and Ni, V and Ca depletion. These rock samples have a distinct REE signature. Although the REE pattern is the same as the other rocks the actual REE values are several times higher, suggesting a more enriched (later stage) eruption from a common magma source.

### **Magnetic Survey**

The small lake on claim 1132568 appears to lie along the trace of one of the fault structures associated with the anomalous gold mineralization for a strike length of more than

800m. The magnetic survey was conducted to verify the presence and continuation of the fault and test for any associated magnetic structures.

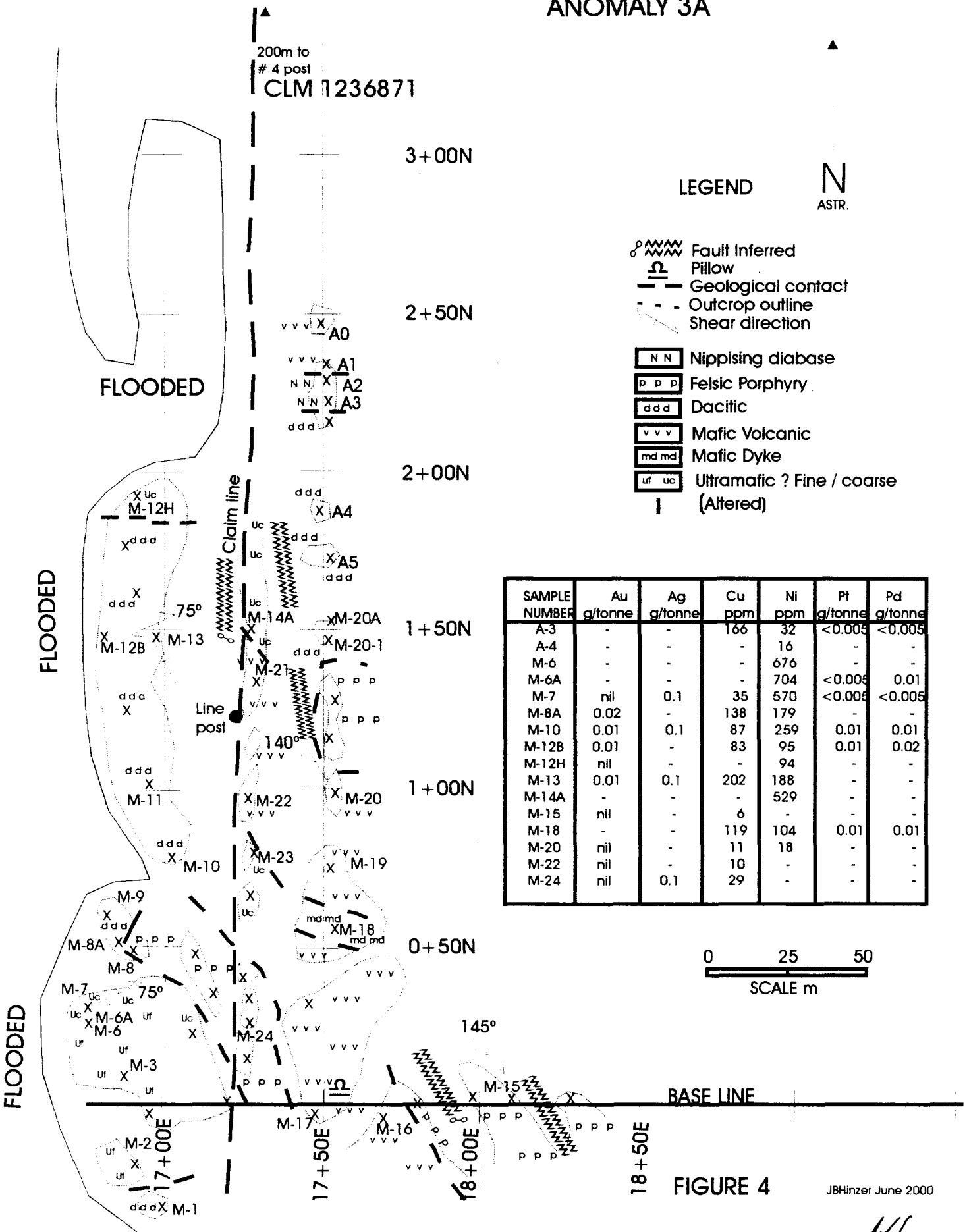
The survey was limited to only 700m of the planned 1.2km due to the difficulties of access (slush and open water on the lake) and deeper than expected snow conditions which did not permit extending the survey over the adjacent land areas without first establishing a grid.

The magnetic survey completed and interpreted by the author confirms the north-south fault structure (Fig. 7) and shows the presence of small local magnetic highs consistent with similar magnetic zones seen further south in outcrop.

Twenty two readings were taken, sampling every 32m along 250m of base line and along 3 lines spaced at approximately 125m.

The readings were taken on a base of 31,000 gammas. Corrections for drift were not incorporated as observed variations were not considered significant.

# ANOMALY 3A



200m to # 4 post  
CLM 1236871

## LEGEND

- Fault Inferred
- Pillow
- Geological contact
- Outcrop outline
- Shear direction
- Nippising diabase
- Felsic Porphyry
- Dacitic
- Mafic Volcanic
- Mafic Dyke
- Ultramafic ? Fine / coarse (Altered)

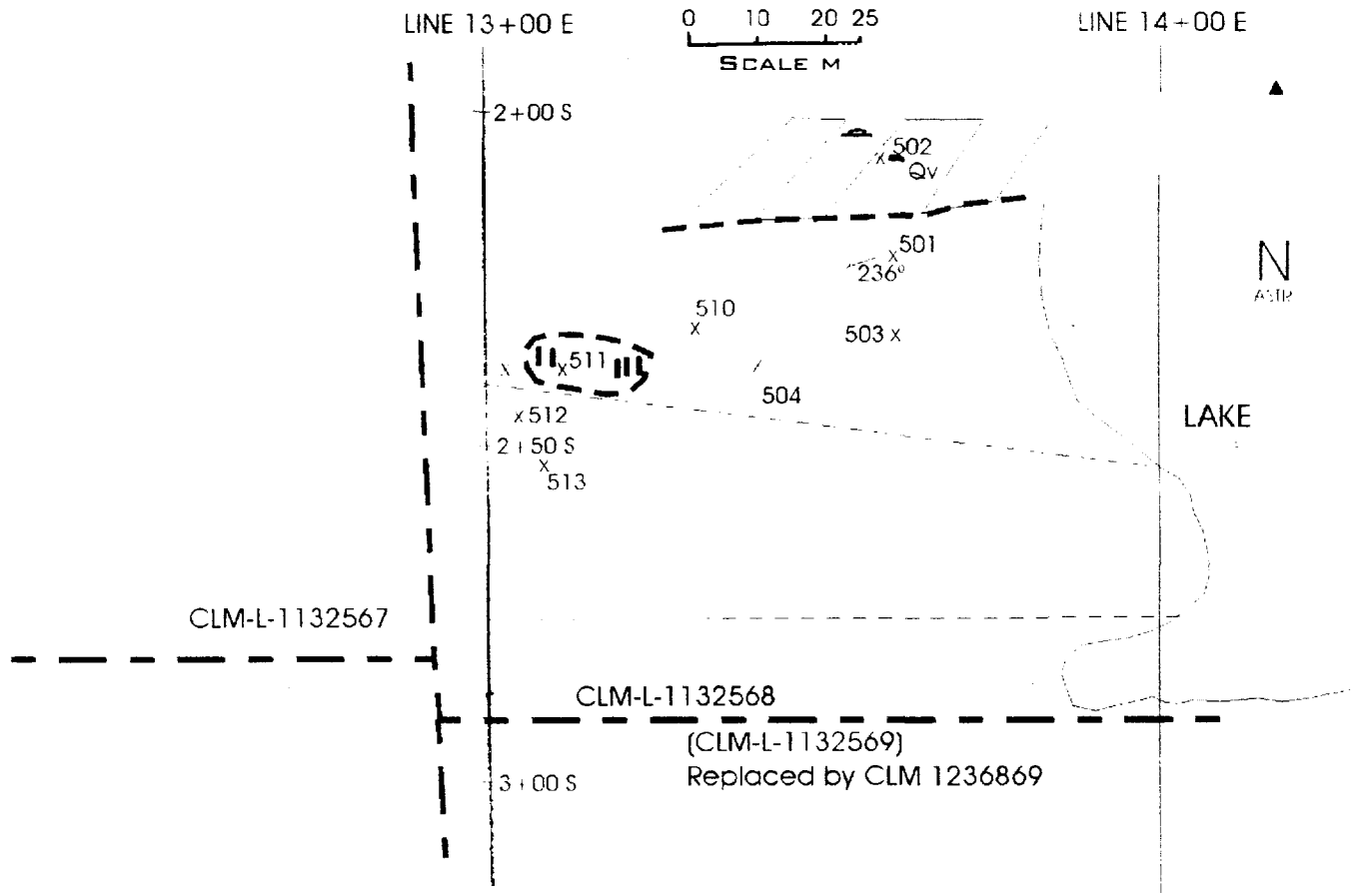
SAMPLE NUMBER	Au g/tonne	Ag g/tonne	Cu ppm	Ni ppm	Pt g/tonne	Pd g/tonne
A-3	-	-	166	32	<0.005	<0.005
A-4	-	-	-	16	-	-
M-6	-	-	-	676	-	-
M-6A	-	-	-	704	<0.005	0.01
M-7	nil	0.1	35	570	<0.005	<0.005
M-8A	0.02	-	138	179	-	-
M-10	0.01	0.1	87	259	0.01	0.01
M-12B	0.01	-	83	95	0.01	0.02
M-12H	nil	-	-	94	-	-
M-13	0.01	0.1	202	188	-	-
M-14A	-	-	-	529	-	-
M-15	nil	-	6	-	-	-
M-18	-	-	119	104	0.01	0.01
M-20	nil	-	11	18	-	-
M-22	nil	-	10	-	-	-
M-24	nil	0.1	29	-	-	-

0 25 50  
SCALE m

FIGURE 4

JBHinzer June 2000

# ANOMALY 5A

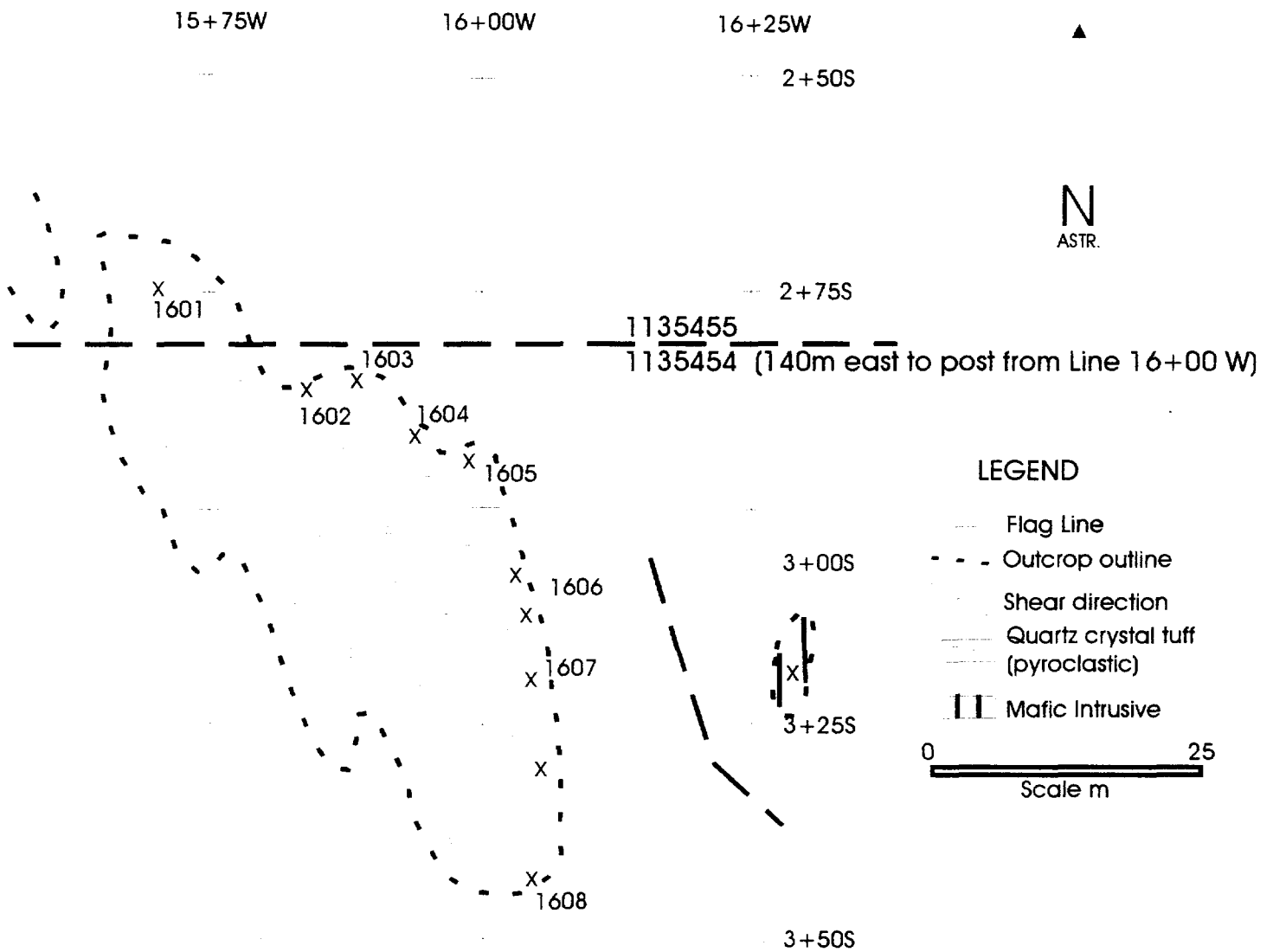


SAMPLE NUMBER	Au ppb	As ppm	Ca %	Na %	Fe %	Zn ppm
501	13	62	<1.0	0.14	4.45	<50
503	10	24	13.00	0.09	7.79	91
504	<5	11	17.00	0.06	6.68	86
510	21	147	<1.00	0.49	6.91	109
OCT. DATA 511	9	n/a	n/a	n/a	n/a	n/c
512	<5	80	5.0	0.30	12.80	183
513	70	522	14.00	0.07	8.00	122

- LEGEND**
- Pillows
  - Flag lines
  - Geological contact
  - Outcrop outline
  - Shear direction
  - Mafic Intrusive
  - Quartz eye Porphyry?
  - Mafic Volcanic

Figure 5 JBH/Inzer DECEMBER 1992

ANOMALY 8A



SAMPLE	Au ppb	As ppm	Fe %	Zn ppm	Cu ppm	Ca %	
1601	<5	10	5.04	73	n/a	<1.0	
1602	<5	2	9.46	57	n/a	2.00	
1603	18	14	3.34	54	4	<1.00	
1604A	n/a	n/a	n/a	84	7	n/a	channel (chip) sample 0.3m
1604B	145	6	5.87	81	4	<1.00	channel (chip) sample 0.1m
1604C	<5	3	4.02	56	n/a	<1.00	channel (chip) sample 0.1m
1605	<5	3	10.20	111	n/a	<1.00	
1607	<5	3	13.20	99	n/a	<1.00	
1608	3	3	5.41	70	27	<1.00	

Figure 6

J.B.HINZER DECEMBER 1999

# Magnetometer Survey

Geometrix Gsm 17  
Readings on base of 31,000 gammas  
Drift corrections not calculated  
Survey by J.B.Hinzer Jan 19, 2000  
22 stations for 0.7 km

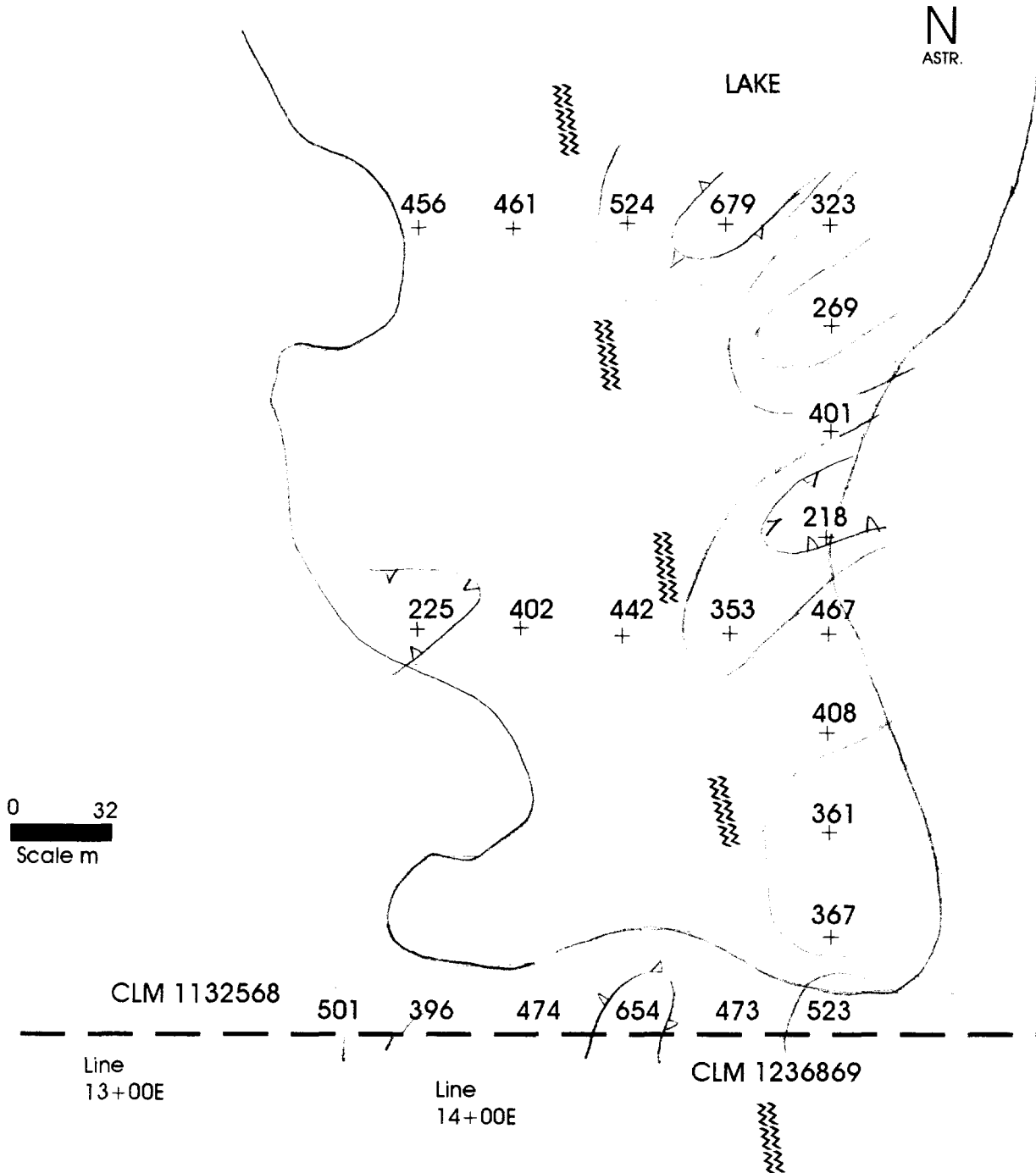


Figure 7 J.B.Hinzer January 2000

*J.H.*

## SUMMARY

The detailed mapping, sampling and prospecting of these gold anomalies along with those sampled previously revealed the presence of two distinct rock groups from a common source based on their geochemical REE signatures. These rocks have been overprinted by two dominant structural directions; (NNW-SSE and ENE-WSW), the latter of which is associated with strong alteration (Ca) and deformation. Channel sampling and multielement rock geochemistry confirm the presence of anomalous gold mineralization and indicates a potential for base metals including, Cr, Ni Co Vanadium? and Zn.

Gold mineralization is most pronounced along or within northwest-southeast trending shears and fault zones. Gold shows a strong correlation with arsenic. Arsenic values show a much broader distribution than the gold itself. There also is a correlation between the amount of gold and the amount of sulphides. Zinc is commonly elevated (> 100 ppm) in many of the anomalous gold samples especially in the areas proximal to sediments.

Anomalous Cr, Ni, and Co are associated with areas strongly foliated and sheared in a northeast-southwest direction. These rocks are strongly depleted in Na. Ca although depleted locally, is intensely enriched elsewhere along this zone as evidenced by local iron carbonate sweats in highly sheared areas. This may be a westward continuation of the east-west trending deformation zone(s) recently identified in Macmurchy Twp. to the east. The relatively high vanadium content (200-400ppm) is tied to the higher Fe contents in the most altered areas.

The higher >500ppm nickel values are contained within a single rock unit which is most likely an altered ultramafic and as such may be a significant marker unit.

No areas of exclusive Zinc enrichment were found. The raw data for REE from the felsic pyroclastic rocks in the western part of the property although erratic are more closely associated with barren than mineralized cycles.

Anomalous gold mineralization is observed in many areas on the property. The most frequent and significant occurrences are along the north-south trending fault structures. Gold appears to be spatially associated with an extensive area of quartz porphyritic rocks. Best gold values being from sulphide enriched areas along shears, veins and contacts.

The most prospective areas are located between Lines 12+00-18+00E from 4+00N-11+00S on the old Northgate grid and Line 2+00W-3+00W between 5+00 S and 11+50S. Several isolated anomalies, (greater than 100ppb gold in rock samples) from previous surveys remain to be followed up.

## **RECOMMENDATIONS**

The limited fieldwork completed by the author has confirmed the presence of several areas of anomalous gold mineralization, and the potential for several other commodities. Only moderate expenditures are required to complete the work outlined below and advance the project to the next level.

- 1) Detailed geological mapping of selected portions of the property, particularly the areas of anomalous gold and base metals. Approximately 8-10 line km should accomplish this.
- 2) Prospecting and extensive rock sampling should follow up targets outlined by the detailed geological mapping to further define these anomalous zones.
- 3) Geophysical surveys, especially IP, would be most effective in outlining areas of sulphide enrichment along the most prospective targets.
- 4) Diamond drill testing of the best targets especially in the areas of substantial faulting would round out an initial program.

Parts 1-3 of such a program could be accomplished for expenditures \$30-40,000. Diamond drilling if warranted would double this for an initial test.



## Selected References

- Kutina, J. and Fabbri, A (1972) Relationship of Structural Lineaments and Mineral Occurrences in the Abitibi area of the Canadian Shield G.S.C. Paper 71-9
- Carter, M. (1980) Geology of Connaught and Churchill Twps. O.G.S. Report 190
- MERQ – OGS (1983) Lithostratigraphic map of the Abitibi Subprovince; Ontario Geological Survey/Ministère de l'Énergie et des Ressources, Québec; 1:500,000 Map 2484 Ontario or DV 83-16 in Québec
- Ontario Geological Survey (1990) Airborne electromagnetic and total intensity magnetic survey Shining Tree area. Ontario Geological Survey Maps, 81425, 81426,
- Doyle, P. (1992) Report on Northgate Exploration Ltd. Churchill Project (assessment file report)

CERTIFICATE

I, JOE B. HINZER, am a consulting geologist and reside at 6395 Russell Street in the city of Niagara Falls, Ontario.

I have been practicing my profession for 25 years and am a graduate of the University of Waterloo, 1971 B. Sc. and the University of Western Ontario, 1977 M. Sc. and am a Fellow of the Geological Association of Canada.

The author warrants that he has visited the property during the period stated in the report. Data for this report is based on data collected from the public domain and collected during the property visit. Conclusions and recommendations are based on the author's interpretation of the data and the author's personal experience.



**Appendix I**  
**Assay Certificates**



Invoice No.: 18597  
 Work Order: 18730  
 Invoice Date: 18-NOV-99  
 Date Submitted: 29-OCT-99  
 Your Reference: NONE  
 Account Number: 2390

J.B. HINZER  
 6395 RUSSELL ST.  
 NIAGARA FALLS, ONTARIO  
 L2J 1P4

CERTIFICATE OF ANALYSIS  
 -----

45 ROCKS (PREP.REV3) were submitted for analysis.

The following analytical packages were requested. Please see our current fee schedule for elements and detection limits.

- REPORT 18597 CODE 1D INAA(INAAGEO.REV1)
- REPORT 18597 B CODE 1H INAA(INAAGEO.REV1)
- REPORT 18597 C TOTAL DIGESTION ICP
- REPORT 18597 D CODE 1C-FIRE ASSAY ICP
- REPORT 18597 E CODE 1E-AQUA REGIA ICP(AQUAGEO.REV1)
- REPORT 18597 F CODE 1A4-FIRE ASSAY METALLIC SCREEN

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CERTIFIED BY :

DR E.HOFFMAN/GENERAL MANAGER

**ACTIVATION LABORATORIES LTD.**

"Element" "Units"	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM
"510	21	-5	14	-100	-1	-1	185	114	-2	6.91	2	-1	-5	-5	0.49	445	55	3.5	51.5
"512	-5	-5	80	-100	-1	5	44	28	-2	12.8	3	-1	-5	-5	0.3	-50	-30	1.3	49.5
"801	-5	-5	22	130	-1	5	46	185	-2	8.76	2	-1	-5	-5	2.13	-50	-30	0.5	43.6
"802	-5	-5	6	-100	-1	6	43	197	-2	8.63	-1	-1	-5	-5	2.12	-50	-30	1.8	42
"805	6	-5	2	-100	-1	8	50	218	-2	9.46	1	-1	-5	-5	2.01	-50	-30	0.4	43.3
"1101	97	-5	41	-100	-1	9	39	120	2	11	-1	-1	-5	-5	0.15	140	-30	1.2	31
"1102	5	-5	12	-100	-1	12	14	108	-2	6.42	-1	-1	-5	-5	0.1	85	-30	0.7	22.1
"1104A	-5	-5	11	-100	-1	21	12	14	-2	5.72	-1	-1	-5	-5	-0.05	-50	-30	0.3	6.5
"1104A(PULP DUP)	5	-5	10	-100	-1	21	13	14	-2	5.64	-1	-1	-5	-5	-0.05	-50	-30	0.3	6.5
"1104B	6	-5	30	-100	-1	18	19	60	-2	8.84	-1	-1	-5	-5	0.1	-50	-30	0.8	13.9
"1402	-5	-5	13	-100	-1	3	53	43	-2	12.2	2	-1	-5	-5	0.31	-50	-30	3.7	50.4
"1405A	-5	-5	49	-100	-1	2	31	32	6	9.7	4	-1	-5	-5	1.17	-50	-30	2.8	43.4
"1406	442	-5	388	-100	-1	2	49	82	2	10.7	2	-1	-5	-5	0.26	-50	-30	5.6	49.1
"1408	615	-5	127	170	-1	-1	20	557	-2	5.56	-1	-1	-5	-5	0.49	170	-30	3.1	23.7
"1510	5	-5	9	-100	-1	11	46	192	-2	7.44	1	-1	-5	-5	1.03	-50	-30	0.6	40
"1513B	-5	-5	12	-100	-1	9	29	208	-2	4.22	-1	-1	-5	6	0.75	-50	-30	0.6	16.2
"1514	-5	-5	12	-100	-1	8	42	374	-2	7.36	1	-1	-5	-5	2.93	216	-30	0.2	36.6
"1601	-5	-5	10	320	-1	-1	-5	100	-2	5.04	6	-1	-5	-5	0.93	-50	79	0.7	3.3
"1602	-5	-5	2	-100	-1	2	-5	53	-2	9.46	5	-1	-5	-5	1.09	-50	-30	0.3	3
"1604C	-5	-5	3	790	-1	-1	-5	113	-2	4.02	8	-1	-5	-5	1.75	-50	55	0.3	3.9
"1605	-5	-5	3	460	-1	-1	-5	41	-2	10.2	5	-1	-5	-5	1.23	-50	-30	0.3	2.6
"1607	-5	-5	3	300	-1	2	-5	32	-2	13.2	6	-1	-5	-5	0.3	-50	-30	0.2	2.8
"1512	-5	-5	37	-100	-1	5	43	370	-2	8.59	1	-1	-5	-5	2.46	-50	-30	0.6	37.5
"1512(PULP DUP)	-5	-5	37	-100	-1	5	46	397	-2	8.98	1	-1	-5	-5	2.55	-50	-30	0.6	39.9

"Element" "Units"	SE PPM	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
"510	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	109	2	6	-5	1.8	0.7	-0.5	2.7	0.41	25.85
"512	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	183	5	14	-5	3.5	1.1	0.6	3.7	0.55	29.89
"801	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	-50	3	9	5	2.3	0.7	-0.5	2.4	0.37	25.21
"802	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	-50	3	9	-5	2.1	0.7	-0.5	2.2	0.34	30.69
"805	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	171	3	6	-5	2	0.6	-0.5	2.4	0.35	31.83
"1101	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	195	2	6	-5	2	0.7	-0.5	1.7	0.26	22.16
"1102	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	61	2	4	-5	1.2	0.5	-0.5	1.1	0.16	23.37
"1104A	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	61	1	-3	-5	0.8	0.4	-0.5	0.6	0.09	27.39
"1104A(PULP DUP)	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	-50	1	-3	-5	0.7	0.4	-0.5	0.6	0.09	36.36
"1104B	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	-50	1	4	-5	1.1	0.4	-0.5	1.1	0.16	23.39
"1402	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	142	4	11	8	3	0.8	-0.5	3.7	0.54	26.26
"1405A	-5	-0.05	-0.1	-1	0.7	-0.5	8	51	7	21	10	5	1.6	0.9	5.8	0.87	36.42
"1406	-5	-0.05	-0.1	-1	-0.2	-0.5	17	122	5	12	7	3	0.8	0.8	3.5	0.53	23.56
"1408	-5	-0.05	-0.1	-1	-0.2	-0.5	12	53	5	11	-5	2.8	0.8	-0.5	1.6	0.24	23.19
"1510	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	137	3	9	5	2.1	1	-0.5	2.3	0.35	34.66
"1513B	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	147	3	7	-5	1	0.5	-0.5	0.9	0.15	27.1
"1514	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	115	3	8	-5	1.5	0.5	0.5	1.7	0.25	30.13
"1601	-5	-0.05	-0.1	2	5.1	1.9	-4	73	29	65	30	7.8	1.6	1.5	7.9	1.15	21.75
"1602	-5	-0.05	-0.1	1	3.9	1.1	-4	57	24	54	22	6.9	1.4	1.1	7.7	1.15	29.14
"1604C	-5	-0.05	-0.1	-1	5.4	1.5	-4	56	35	87	35	9.9	1.7	1.8	10.4	1.48	26.2
"1605	-5	-0.05	-0.1	2	4.6	0.9	-4	111	26	58	26	7.2	1.5	1.4	7.9	1.14	27.18
"1607	-5	-0.05	-0.1	1	4	1.6	-4	99	26	58	28	6.5	1.4	1.4	7.8	1.13	30.67
"1512	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	141	3	8	-5	1.7	0.7	-0.5	1.8	0.27	29.04
"1512(PULP DUP)	-5	-0.05	-0.1	-1	-0.2	-0.5	-4	136	3	8	-5	1.7	0.7	-0.5	1.8	0.29	26.49

"Element" "Units"	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM
"513	70	-5	522	160	-0.5	14	22	41	-1	8	-1	-1	-5	-1	0.07	-27	21	3.4	23.2	-3
"707	-2	-5	149	280	-0.5	6	36	213	2	6.86	-1	-1	-5	-1	0.05	103	65	1.8	31.6	-3
"804	-2	-5	3.3	570	-0.5	1	-1	171	2	1.09	4	-1	-5	2	2.8	-32	-15	-0.1	3.2	-3
"807	-2	-5	0.5	-50	-0.5	7	46	401	-1	6.81	-1	-1	-5	-1	1.38	133	-15	-0.1	36.3	-3
"808	-2	-5	3.2	-50	-0.5	3	38	210	-1	7.59	2	-1	-5	-1	2.21	102	-15	0.5	36	-3
"1401	-2	-5	30.9	-50	-0.5	3	48	42	-1	11	2	-1	-5	-1	0.27	66	22	2.3	52.7	-3
"1404	91	-5	140	250	-0.5	2	51	82	-1	12.7	2	-1	-5	-1	0.2	58	-15	4.1	49.7	-3
"1509	1350	-5	5020	500	-0.5	-1	7	39	2	5.89	7	-1	-5	-1	0.17	-36	189	0.1	11.1	-3
"1511	-2	-5	23.7	-50	-0.5	3	39	466	-1	8.09	2	-1	-5	-1	2.7	-40	-15	0.1	42	-3
"1603	18	-5	14.1	430	-0.5	-1	2	134	-1	3.34	8	-1	-5	-1	2.09	-30	74	0.4	5.3	-3
"1604B	145	-5	6.3	660	-0.5	-1	3	108	1	5.87	7	-1	-5	-1	1.41	-28	75	0.1	3.7	-3
"1608	3	-5	2.8	600	-0.5	-1	4	132	-1	5.41	6	-1	-5	2	3.2	-38	-15	0.1	2.5	-3

*fieline*  
5.  
a 6+000

18597b

"Element" "Units"	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g	
{ "513	"	-0.01	-0.05	-0.5	-0.2	-0.5	6	122	2.6	8	-5	2	1	-0.5	1.6	0.24	25.22
"707	"	-0.01	-0.05	-0.5	-0.2	-0.5	4	78	2	7	-5	1.6	0.6	-0.5	1.6	0.26	23.75
"804	"	-0.01	-0.05	-0.5	8.4	1.7	-1	-50	41.8	81	32	4.9	1	-0.5	1.9	0.3	26.02
"807	"	-0.01	-0.05	0.9	-0.2	-0.5	2	99	2.5	6	8	1.5	0.5	-0.5	1.3	0.19	29.27
"808	"	-0.01	-0.05	-0.5	-0.2	-0.5	-1	132	6.4	14	8	2.6	0.9	-0.5	2	0.31	30.73
"1401	"	-0.01	-0.05	-0.5	0.6	-0.5	12	163	3	9	7	2.6	0.8	-0.5	3.3	0.52	26.76
"1404	"	-0.01	-0.05	-0.5	-0.2	0.9	31	104	4.2	13	-5	3.2	1.1	0.6	3.7	0.54	22.88
"1509	"	-0.03	0.08	-0.5	4.8	2.2	5	62	32.1	66	28	8.4	1.8	1.5	6	0.9	22.23
"1511	"	-0.01	-0.05	-0.5	0.8	-0.5	-1	151	2.8	7	-5	2	0.6	-0.5	2	0.3	27.51
"1603	"	-0.01	-0.05	-0.5	5	1.4	-1	54	8.9	27	11	4.3	1.2	1.3	9.1	1.35	22.65
"1604B	"	-0.01	-0.05	-0.5	5.3	1.6	-1	81	18.1	46	18	5.8	1.5	1.5	9.9	1.45	22.71
"1608	"	-0.01	-0.05	-0.5	6	1.5	-1	-50	24.9	54	21	7	1.2	1.1	8.3	1.24	25.83



## 18597c

"Element" "Units"	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM	S %
"513	-2	25	-5	59	-0.4	12	2345	97	-0.5	-5	212	11.75	0.017	3.39	0.27	3.34	0.57	9	-2	0.37
"707	-2	99	-5	61	-0.4	99	1820	73	-0.5	-5	203	6.23	0.019	3.33	0.15	5.69	2.22	7	-2	0.17
"804	2	27	8	50	-0.4	4	296	148	-0.5	-5	9	1.79	0.011	0.25	0.13	6.86	1.1	10	-2	0.05
"807	-2	74	-5	57	-0.4	125	1221	95	-0.5	-5	204	7.38	0.019	5.01	0.33	7.61	0.23	11	-2	0.32
"808	-2	26	-5	67	-0.4	102	907	57	-0.5	-5	233	2.6	0.025	4.33	0.43	7.29	0.11	18	-2	0.01
"1401	-2	107	-5	70	-0.4	63	1611	35	-0.5	-5	385	3.04	0.045	3.23	0.56	6.79	0.44	8	-2	0.15
"1404	-2	83	-5	72	-0.4	44	1854	26	-0.5	-5	413	1.46	0.044	2.56	0.61	6.66	0.63	9	-2	0.75
"1509	-2	26	32	55	0.6	12	692	34	6.8	-5	68	0.12	0.055	0.41	0.24	8.69	3.6	32	-2	1.3
"RE 1509	-2	27	29	56	0.6	12	710	36	6.4	-5	67	0.13	0.054	0.42	0.23	8.91	3.73	33	-2	1.31
"1511	-2	46	-5	100	-0.4	129	1926	197	-0.5	-5	265	4.71	0.025	3.07	0.49	7.87	0.12	13	-2	0.06
"1603	-2	4	-5	26	-0.4	3	505	53	-0.5	-5	9	0.29	0.012	0.43	0.1	6.37	1.9	57	-2	0.12
"1604B	-2	4	-5	46	-0.4	2	1011	56	-0.5	-5	4	0.13	0.014	0.66	0.09	6.17	2.55	61	-2	0.12
"1608	-2	27	-5	70	-0.4	3	1158	50	-0.5	-5	4	0.69	0.005	0.49	0.05	5.95	1.39	58	2	0.12

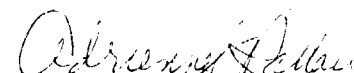
"Element" "Units"	AU PPB	PT PPB	PD PPB
511	9	-5	-4
1405B	3	-5	-4
150/	6	-5	-4
RE 1405B	8	-5	-4

Activation Laboratories Ltd. Work Order No. 18730 Report No.18597E

SAMPLE	Ag	Cd	Cu	Mn	Ni	Pb	Zn	S
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1305	0.4	0.9	51	633	23	6	159	3621
1313A	0.8	1.2	115	1394	129	5	147	673
1604A	-0.2	0.9	7	1718	4	3	84	2685
METHOD REAGENT BLANK	-0.2	-0.5	-1	-1	-1	-2	-1	-10
METHOD REAGENT BLANK	-0.2	-0.5	-1	-1	-1	-2	-1	-10
GXR-6cert	1.3	(1	66	1008	27	101	118	160
GXR-6	0.4	1.2	69	1002	26	98	121	150
GXR-2cert	17.0	4.1	76	1008	21	690	530	313
GXR-2	18.4	4.6	81	995	19	705	549	310
GXR-1cert	31.0	3.3	1110	853	41	730	760	2570
GXR-1	31.8	4.5	1173	798	41	682	720	2270
GXR-4cert	4.0	(.86	6520	155	42	52	73	17700
GXR-4	3.4	0.8	6315	125	38	54	73	17220

Note: Certificate data underlined are recommended values; other values are proposed except those preceded by a "( " which are information values.  
 Certificate Values are for a 'Total' analysis, whereas samples are extracted values.

Clients are advised to obtain assays for Ag > 100 ppm and Pb > 5000 ppm due to potential solubility problems.  
 Values for Cu, Ni, Zn, Mo greater than 1% should be assayed if accuracy better than +/-10-15% is required.  
 Values above 1% are for informational purposes only and should not be relied upon for promotional or ore reserve calculations.  
 Assays are recommended for this purpose.

  
 Adrienne I. Rittau, B.Sc., C.Chem  
 ICP Technical Manager

Activation Laboratories Ltd. Work Order: 17891 Report: 17731B

Sample ID	Au g/mt
407B	1.35
602	2.05
1508A	-0.05



Established 1976

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Assay Certificate

0W-1907-RA1

Company: **QUEENSTON MINING INC**

Date: JUN-13-00

Project:

Attn: C. Page

We hereby certify the following Assay of 16 Rock samples submitted JUN-09-00 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu PPM	Ni PPM	Pt g/tonne	Pd g/tonne
A3	-	-	-	166	32	<0.005	<0.005
A4	-	-	-	-	16	-	-
M6	-	-	-	-	676	-	-
M6A	-	-	-	-	704	<0.005	0.01
M7	Nil	-	0.1	35	570	<0.005	<0.005
M8A	0.02	-	-	138	179	-	-
M10	0.01	-	0.1	87	259	0.01	0.01
M12B	0.01	-	-	83	95	0.01	0.02
M12H	Nil	-	-	-	94	-	-
M13	0.01	0.02	0.1	202	188	-	-
M14A	-	-	-	-	529	-	-
M15	Nil	-	-	6	-	-	-
M18	-	-	-	119	104	0.01	0.01
M20	Nil	-	-	11	18	-	-
M22	Nil	-	-	10	-	-	-
M24	Nil	-	0.1	29	-	-	-

One assay ton portion used.

Certified by



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)

W0080.00276

Assessment Files Research Imaging



the Mining Act. Under section 8 of the Mining Act, this information is a public record. This information will be action should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd

41P11SW2003 2.20422 CHURCHILL

900

use form 0240

2.20422

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

Name <b>CORPOMIN MANAGEMENT INC</b>	Client Number <b>301157</b>
Address <b>9/2 76 FARNHAM AVE TORONTO ONT M4V 1H4</b>	Telephone Number <b>416-944-0178</b>
	Fax Number
Name <b>JOE B. HINZER / P.P. Dirks / R.T. Dirks @ 33 1/3 owl</b>	Client Number <b>144779/301479/126090</b>
Address <b>9/0 6395 RUSSELL ST NIAGARA FALLS ONT L2T 1P4</b>	Telephone Number <b>905-357-1428</b>
	Fax Number <b>905-357-1428</b>

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

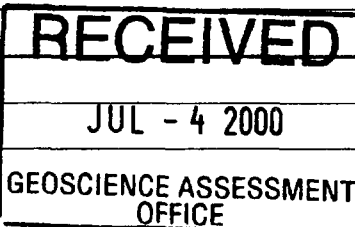
- Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling stripping, trenching and associated assays       Rehabilitation

Work Type <b>GEOTECHNICAL INCLUDING Rock Sampling and geological mapping and magnetic survey and prospecting.</b>	Office Use
	Commodity
Dates Work Performed From <b>15 OCT 1999</b> To <b>2 June 2000</b>	Total \$ Value of Work Claimed <b>5961.00</b>
Global Positioning System Data (if available)	NTS Reference
Township/Area <b>CHURCHILL</b>	Mining Division <b>Kardar Lake</b>
M or G-Plan Number <b>G 3210</b>	Resident Geologist District <b>Kirkland Lake</b>

- 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 <b>J. HINZER</b>	Telephone Number <b>905-357-1428</b>
Address <b>6395 RUSSELL ST. NIAGARA FALLS ONT</b>	Fax Number <b>905-357-1428</b>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

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

Signature of Recorded Holder or Agent <i>JH</i>	Date <b>June 28/2000</b>
Agent's Address <b>6395 RUSSELL ST NIAGARA FALLS ONT. L2T 1P4</b>	Telephone Number <b>905-357-1428</b>
	Fax Number <b>same</b>

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.

L00080.00276

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 L1132561	1		400		
2 L1132562	1		400		
3 L1132567	1		336		
4 L1132568 *	1	1992.80	400	1992.80	
5 L1132599	1		400		
6 L1132607	1		400		
7 L1132614	1		400		
8 L1135438	1		304		
9 L1155440	1		400		
10 L1155447	1		400		
11 L1155454	1	1530.30		1530.30	
12 L1236871 *	2	2438.37		316.40	2121.47
13					
14					
15					
Column Totals		5961.47	3840	3840	2121.47

I, JOE HINZER (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 20422 where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: June 28/2000

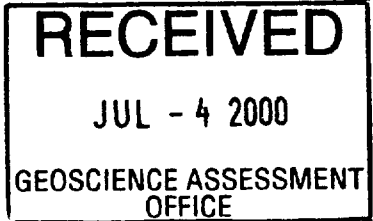
6. Instruction for cutting back credits that are not approved.

- 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): L-1155438  
L-1132599

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)	

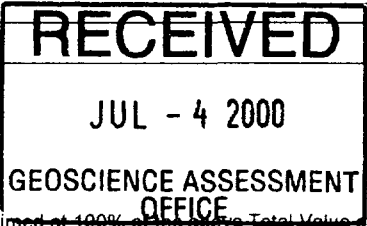




W0080.00276

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, 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/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Rock Sampling	55 samples @ 20/	@ 20/	1100.-
Geological Mapping	1.3 km	@ 375/km	487.50
Prospecting / Line Cutting	5 days	@ 125/day	625.-
Geophysics	0.7 km Mag	@ 215/km	150.-
Report Prep.	4 days	@ 250/day	1000.-
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
Supplies			88.14
Boat, Motor, Skidoo Rentals			257.72
Shipping			14.52
Assays			620.90
<b>Transportation Costs</b>			
km @ <del>23/km</del>	3032.6 km	@ 23/km	909.72
<b>Food and Lodging Costs</b>			
Food/Lodging			707.88
<b>Total Value of Assessment Work</b>			<b>5961.38</b>



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 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. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, JOE HINZER (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 agent and options I am authorized to make this certification. (recorded holder, agent, or state company position with signing authority)

Signature [Handwritten Signature] Date June 28/2000



August 25, 2000

GESTION CORPOMIN INC.  
C/O 76 FARNHAM AVE.,  
TORONTO, ONTARIO  
M4V-1H4

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

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

Dear Sir or Madam:

**Submission Number:** 2.20422

**Status**

**Subject: Transaction Number(s):** W0080.00276 Approval

---

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

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

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

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

Yours sincerely,



ORIGINAL SIGNED BY  
Steve B. Beneteau  
Acting Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

**Submission Number:** 2.20422

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

**Assessor:** BRUCE GATES

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W0080.00276	1132561	CHURCHILL	Approval	August 24, 2000

**Section:**

9 Prospecting PROSP

**Correspondence to:**

Resident Geologist  
Kirkland Lake, ON

Assessment Files Library  
Sudbury, ON

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

GESTION CORPOMIN INC.  
TORONTO, ONTARIO

JOE HINZER  
NIAGARA FALLS, Ontario

PETER P. DIRKS  
ST. CATHERINES, ONTARIO

PETER JOHN DIRKS  
TORONTO, Ontario

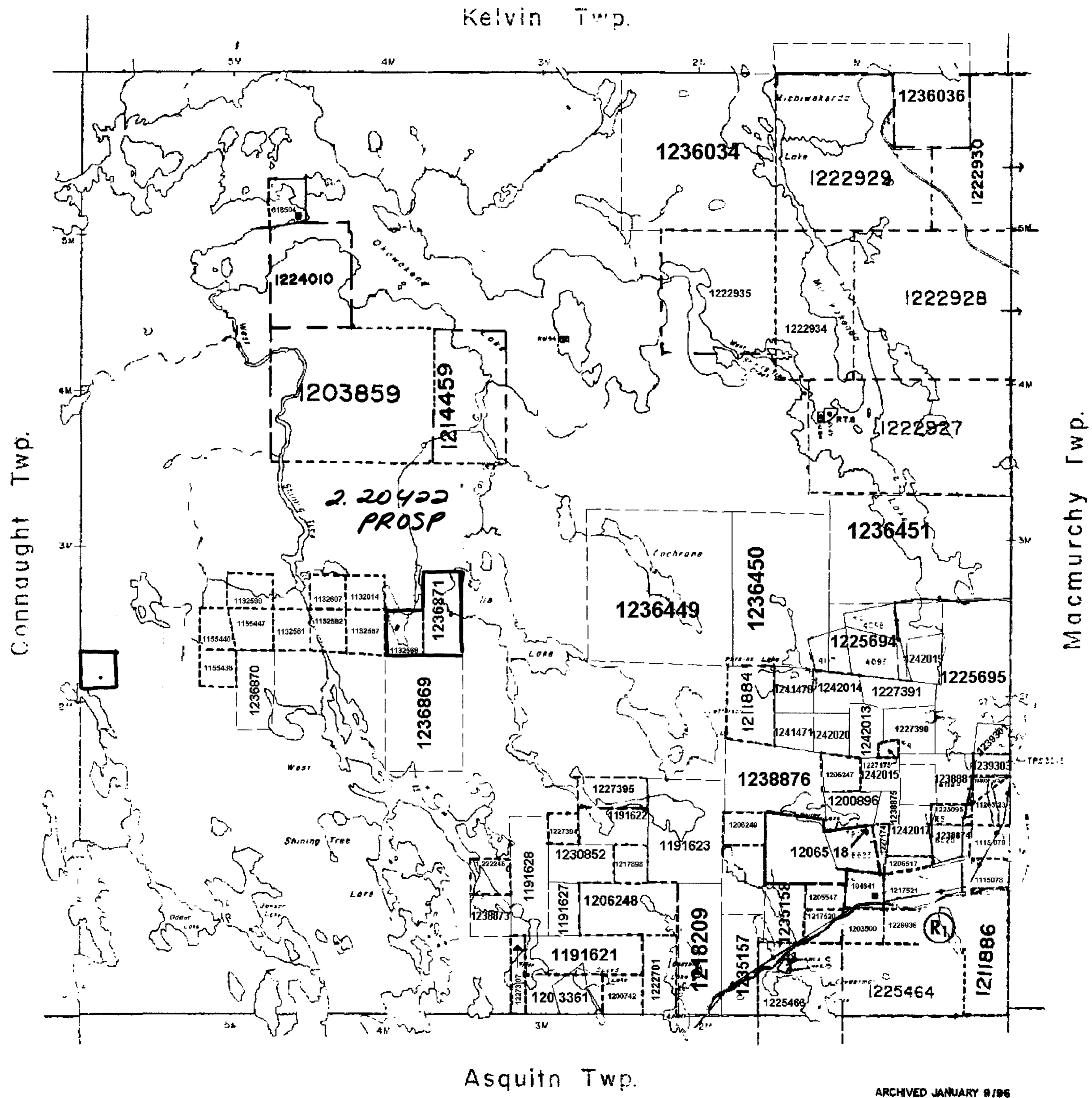
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
Ⓢ c. 35	W-L-42/00	July 27th 2000	M+S	195150

Ⓢ c. 35 W-L-42/00 July 27th 2000 M+S 195150



LEGEND

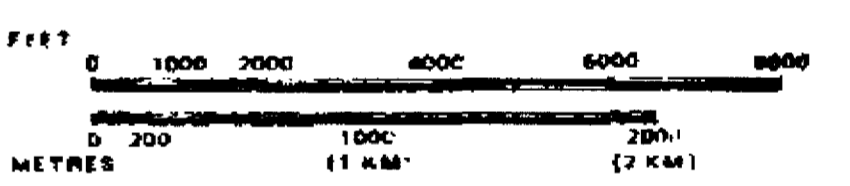
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION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

DISPOSITION OF CROWN LANDS

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

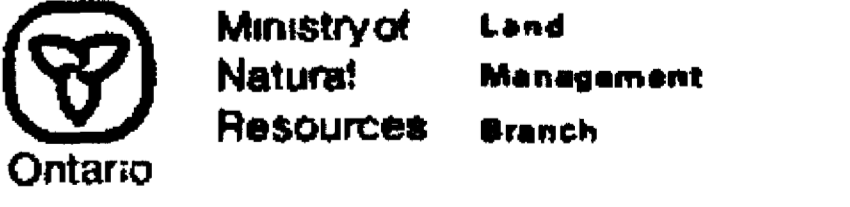
LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS ✓  
 NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 5, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



400 FOOT (APPROX 122 METER) SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS.

TOWNSHIP  
**CHURCHILL**  
 M.N.R. ADMINISTRATIVE DISTRICT  
**GOGAMA**  
 MINING DIVISION  
**LARDER LAKE**  
 LAND TITLES, REGISTRY DIVISION  
**SUDBURY**



Date FEBRUARY, 1985  
 Member  
**G-3210**  
 CALCULATED DEC. 1, 1993

ARCHIVED JANUARY 9/96  
 ARCHIVED DEC 5/95



41P11SW2003 2.20422 CHURCHILL 200

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.