GM 51748

ASSESSMENT REPORT ON THE NICOBI LAKE CU-NI-CO PROPERTY

Documents complémentaires

Additional Files

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License

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Québec

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TAUX DE RÉDUCTION: 27X

DATE: 27 AVRIL 93 OPÉRATEUR(TRICE): J.B.

ASSESSMENT REPORT ON THE NICOBI LAKE Cu-Ni-Co PROPERTY LE TAC TOWNSHIP, QUEBEC NTS 32F/8 17 CLAIM OPTION

MINORCA RESOURCES LTD.

Joel Scodnick, B.Sc., Geologist
Geofact Inc.

Rouyn-Noranda, Quebec
January, 1993

TABLE OF CONTENTS

ASSESSMENT REPORT ON THE NICOBI LAKE PROPERTY
NICOBI 17 OPTION, MINORCA RESOURCES LTD.

Geofact Inc. of Rouyn-Noranda, Quebec conducted a diamond drilling program for Minorca Resources Ltd. of Val d'Or, Quebec during the period of April 22, 1991 to April 27, 1991 (DDH# NIC-91-2 to NIC-91-12). DDH# NIC-90-1 was drilled from November 19, 1990 to November 20, 1990. Total expenditures for these two diamond drilling campaigns were $61,421.36 (Appendix 7). The program in 1990 for one drill hole totals $8,758.13. Expenditures for the 1991 program total $52,663.23 (Appendix 8) . Some of the research was conducted in the mining office in Rouyn-Noranda. Several confidential files are held by Minorca Resources, and these were also used for the compilation of the property. A certificate of qualifications can be found in Appendix 1. The claims are all held in good standing and are registered with the Quebec Ministry of Energy and Resources (Appendix 2). Maps and references can be found following this report and a compilation Map (Map# NL-1) can be found in the pocket at the very end of the report.

The Nicobi Lake property is situated at the southwest corner of Nicobi Lake in Northwestern Quebec (Figure 1). It is located about 75 km east of the town of Quevillon and is about half way between the mining towns of Val d'Or and Chibougamau. The entire property consists of 57 claims (Figure 2) all of which are under option. Forty of the claims are under option from a numbered company in Val d'Or and these claims will not be allotted any of the assessment work. The property is located in the southeastern part of Le Tac township. Approximately 40% of the property has been slashed in the last two years by Domtar of Quevillon (Figure 3). Unfortunately, several of the claim posts were obliterated even though they were very well marked with flagging tape and fluorescent paint (see appendix 9, letter of November 14, 1991). The property can be reached by taking an all weather gravel road (#104) from the Quevillon lumber mill which leads east to the 73km mark. At that point, the #402 leads north for about 12 km until another gravel road is reached and this leads south southeast for about 4km. These roads run through the property which makes access excellent (Fig. 4).

Minorca's property can be seen on a regional geology map (Fig.5). The rocks

have never been mapped in any detail east of Benoit township, which leads to a lot of interpretation. The property appears to be located at the eastern limit of several rather strong lineaments which may indicate shear zones such as on Freewest's ground located 18km to the west. A series of mafic and ultramafic rocks are located in the southeast part of Le Tac township. Also, in Grevet and Mountain townships, VSM and Placer Dome own several land positions which host several million tons of zinc, copper and silver reserves. These deposits, one of them known as "Grevet M" is located within the cameron deformation corridor, which leads from the Floridin Mine through Grevet and possibly up into Muy and Le Tac townships. Two major lineaments can be seen on the air photo map sheet (Fig.6). These lineaments are shown as "L1" and "L2". They are both trending approximately 098 degrees azimuth. L1 is about 1.2km long and L2 is about 1.8km long. Several days of prospecting and stripping with a grub hoe were spent on L1. There are several outcrops and road cuts on either side of the road. Very strongly sheared rocks are present here for a width of at least 200 metres. The rocks are characterized by nearly east-west trending quartz sericite shists and dipping almost vertical. Small amounts of sulphides are present as very finely disseminated grains, the main sulphide being pyrite, and some chalcopyrite. Only subordinate amounts of these sulphides were observed. There is about 600 metres that separate the two lineaments and it is suspected that a major shear zone occupies this width. A local geological interpretation shows the locations of the two lineaments and the outcrops observed in the field (Fig.6).

A compilation of the property at a scale of 1:5 000 can be found in the back pocket (Map#NL-1) of this report. Most of the geophysical work performed in the past has been conducted on the seventeen claim option. Three main induced polarization (IP) anomalies are present on the property. Several areas are coincident with magnetic anomalies. It appears quite evident that at least two of these anomalies continue onto the 40 claim option. Seven showings (A-H) have been found, these are indicative of sulphide concentrations and gossans, mainly copper-nickel-cobalt sulphides. Only showing "A" has been worked on in some detail where **1.8 million tons of 0.47% Ni & 0.25% Cu** have been identified. This calculation was performed by a Noranda geologist back in the 1960's. Only a limited diamond drill program was performed with 19 of

the 20 vertical drill holes going to a depth of 100'. In November of 1990 and following break-up in 1991, Minorca conducted a diamond drilling campaign on the 17 claim option and excellent results were obtained (Figure 7). Several high grade and medium grade copper, nickel and cobalt values were returned. The press releases have been included in appendix 10 for reference, along with vertical cross sections (Appendix 4) and drill logs. All of the certificates of analyses are found in Appendix 6. Hole #NIC-90-1 intersected **37.61m of 0.75% Cu and 0.89% Ni**. A 0.82m interval contained **1.08 g/t Pa and 1.05 g/t Pt**. Hole #NIC-91-2 intersected **36.88m of 0.29% Cu, 0.84% Ni and 0.03% Co** including **4.70m of 0.73% Cu, 3.94% Ni and 0.09% Co**. Hole #NIC-91-6 returned **31.66m of 0.35% Cu, 0.73% Ni and 0.02% Co**. Hole #NIC-91-7 returned **63.08m of 0.21% Cu, 0.42% Ni and 0.01% Co**. Several other excellent sections were intersected and can be seen in Appendix 4.

The rocks found on the entire property are gabbros, ultramafics, granites, intermediate to mafic volcanics, amphibolites and quartz-sericite schists. Distinction between the mafics and ultramafics in the field can sometimes be rather difficult because of the fine grained nature and heterogeneity of the rocks. All of the rock types observed, except the granite, show some degree of alteration. The intermediate to mafic volcanics and the schists show a very prominent near east-west schistosity.

The objective of this diamond drilling campaign was to identify and confirm the existence of a copper-nickel-cobalt showing, to determine the associated rock types, to figure out the attitude of the known deposit ("A Showing") and to determine the possible extent of the deposit, both on a small scale and a larger scale.

High grade and medium grade Cu-Ni-Co sulphides occur throughout most of the core. For the first time, we were able to identify what appears to be a layered complex. What has been described in the drill logs as a microgabbro or a fine grained version of the medium to coarse grained gabbro is actually an ultramafic rock (peridotite). Several inspections of the core have identified interlayered mafic and ultramafic rocks, sometimes the layering occurs on a very fine scale (millimetres) and other times it appears on a larger scale, in terms of centimetres or decametres. The mineralization

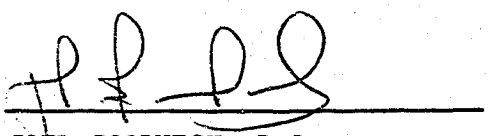
occurs in different forms within these layered units. Basically there are three types of mineralization. The first type occurs as disseminated sulphides. The second type occurs as semi-massive sulphides, within and at the base of some of the identifiable layers. The third type occurs as massive sulphides which show a distinct intercumulate texture indicative of a deposit of primary origin, there are also some massive sulphide lenses which have been remobilized along small scale secondary shears and fractures. These features are indicative of a magmatic sulphide deposit such as the world class Sudbury eruptive. The ore zone has a strike length of at least 70 metres and is open to the west. The drilling intersected ore down to a depth of about 100 metres. The zone appears to have an almost east-west strike (approx. 100 degrees), is dipping steeply to the north, between 70 degrees and vertical and is plunging at about 55-60 degrees to the west. That is why hole# 10 failed to intersect ore grade material. It is my belief that the bottom of hole# 10 began to intersect the low grade halo of the top of the deposit. Perhaps the most important discovery from the campaign is that the base of the layered intrusion has not yet been found. The sulphides that have been discovered are near the top of the intrusion and are distictly showing repetitive cycles. It is my belief that when the base of the intrusion is found, through a diamond drilling program, the chances of finding a much more significant ore deposit is excellent.

In summary, a total of $61,421.36 was spent on the 17 claims, the funds being allocated to claim# 3503252. Several interesting rock types occur on the property, especially the quartz-sericite schists and the mafic-ultramafic rocks. The schists could be a good target area for gold mineralization. The width of the shear zones found in the northwest part of the property are impressive and this could lead to a discovery of a deposit of significant tonnage. The mafic-ultramafic rocks observed are hosts for base metal deposits. Mineralization consisting of copper-nickel-cobalt sulphides are present in economic values on the 17 claim option. Together with the airborne geophysical surveys and the air photo interpretation, it appears quite evident that a good part of the 17 claim group is underlain by the mafic and ultramafic rocks, and it should be noted that no comprehensive exploration program has ever been conducted on the rest of the property, outside the area of the "A Showing". This in turn can lead to the discovery of other base

metal deposits and could also lead to lateral and depth ex[illegible] of the known deposit, better known as the "A" showing.

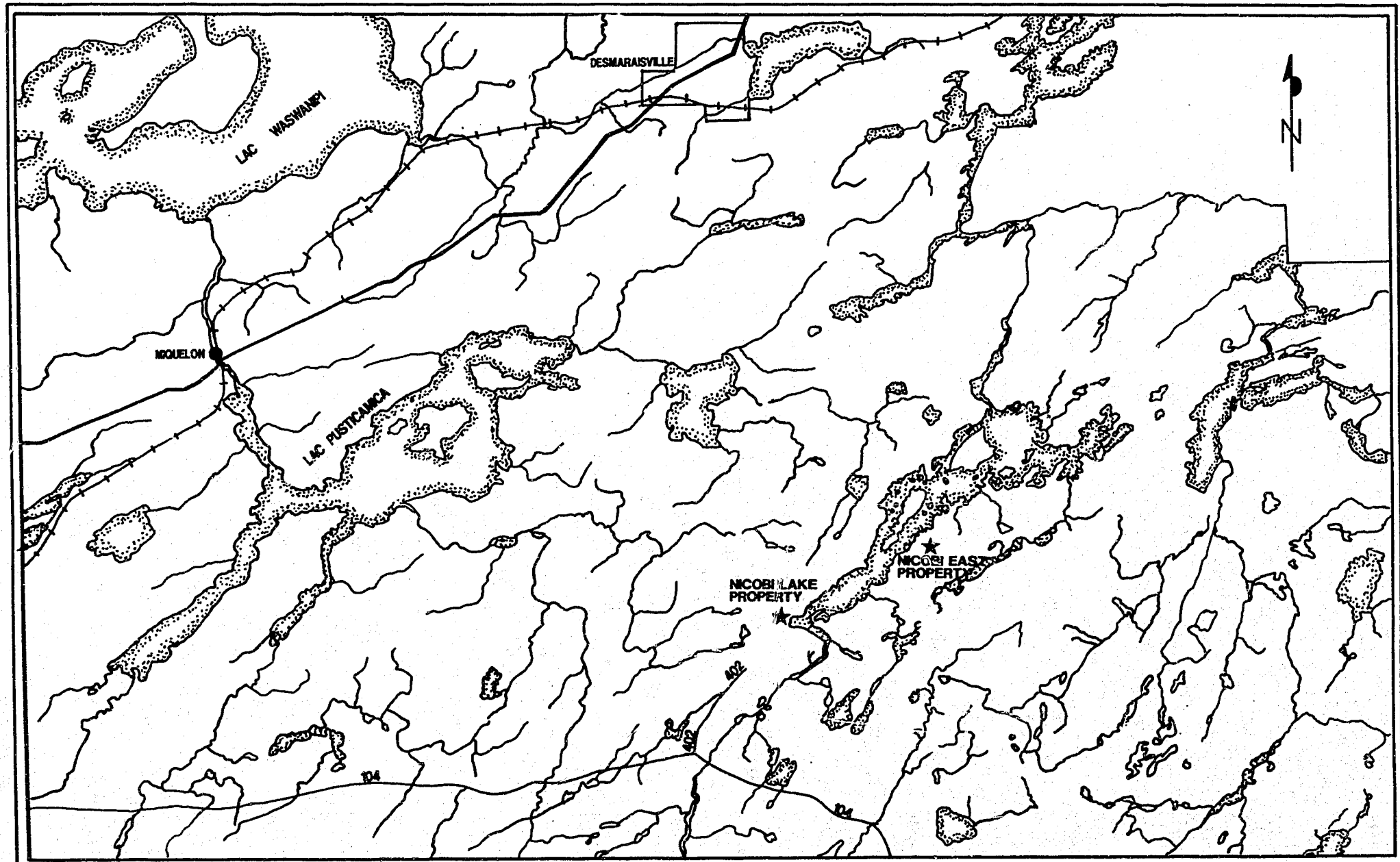
The entire property shows excellent potential in finding other showings of base metals and precious metals. It is also important to note the occurrence of platinum and palladium group metals which are directly associated with copper and nickel sulphide concentrations. I would strongly suggest conducting a phase one exploration program on the entire claim group consisting of line-cutting, geophysical surveys (magnetometer and maxmin), mapping and some geochemical sampling, followed by a diamond drill program.

Respectfully submitted,



JOEL SCODNICK, B.Sc.
Geologist

MAPS



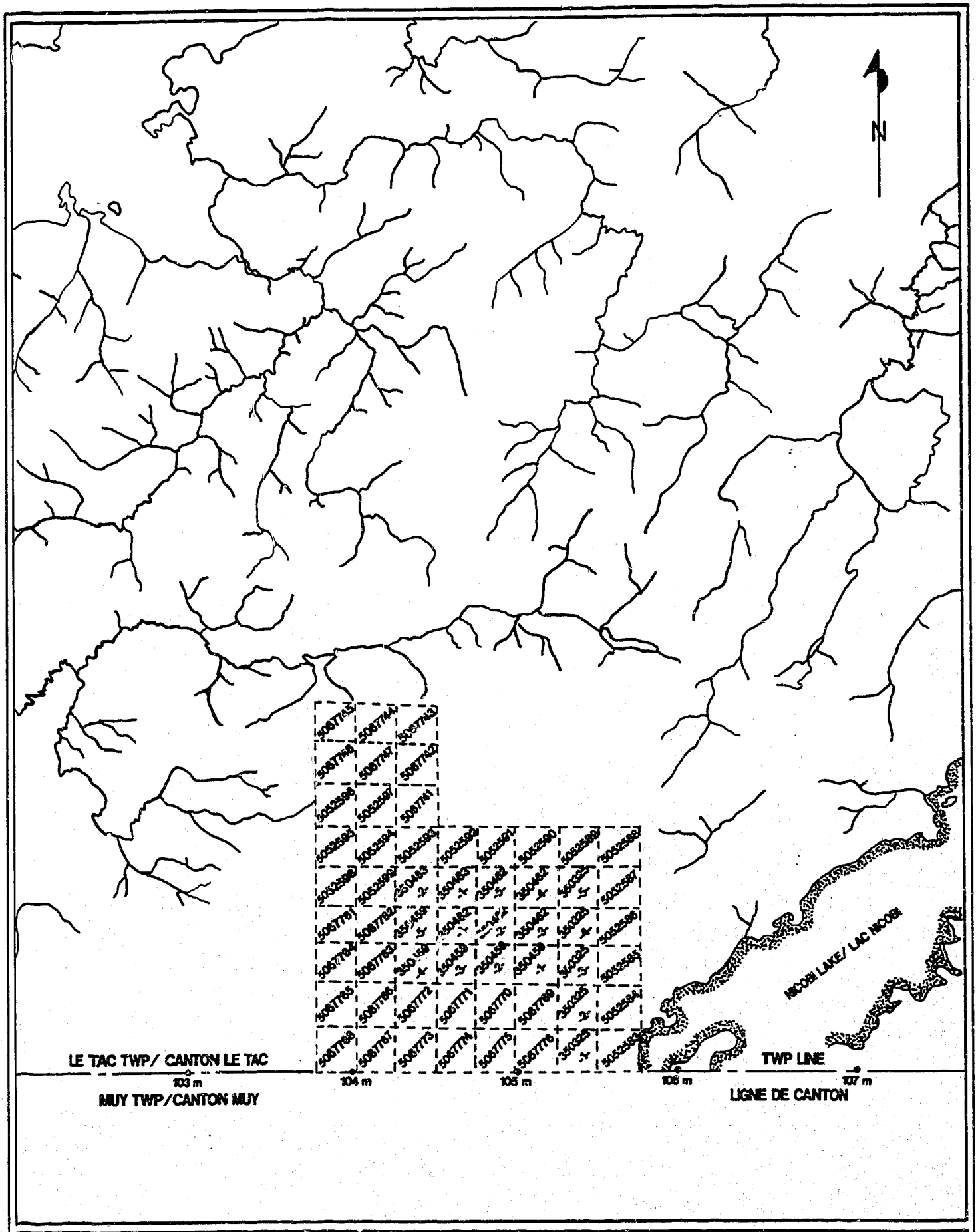
LOCATION MAP
CARTE DE LOCALISATION

MINORCA RESOURCES LTD./ RESSOURCES MINORCA LTEE.
NICOBI LAKE PROPERTY/ PROPRIETE LAC NICOBI

SCALE/ECHELLE 1:250,000

GEOFACT INC.

Figure No.1



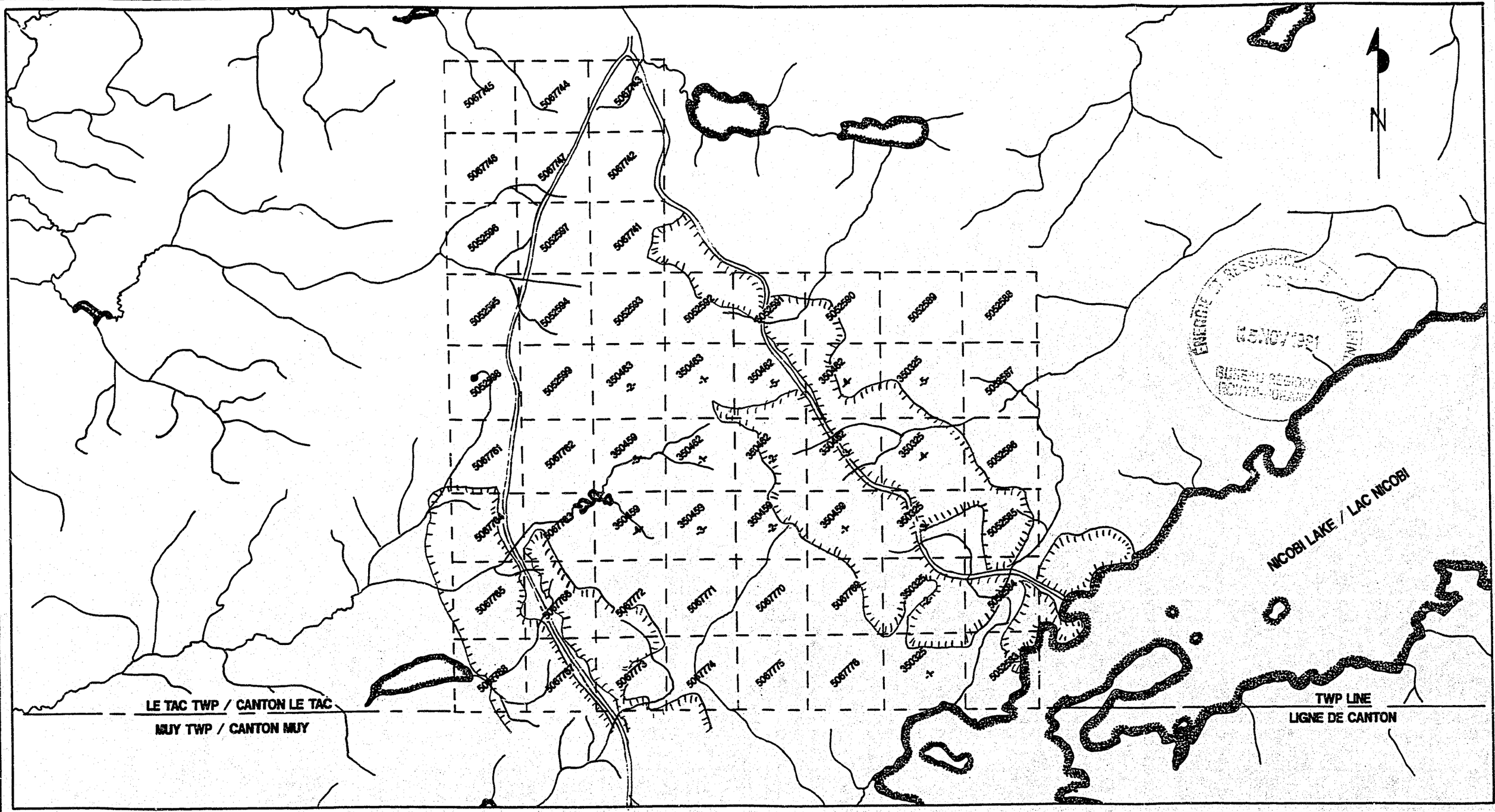
MINORCA RESOURCES LTD./ RESSOURCES MINORCA LTEE.
NICOBI LAKE PROPERTY/ PROPRIETE LAC NICOBI

CLAIM MAP
CARTE DE CLAIMS

SCALE/ECHELLE 1: 50,000

GEOFACT INC.

Figure No.2



MINORCA RESOURCES LTD./ RESSOURCES MINORCA LTEE.

NICOBI LAKE PROPERTY/ PROPRIETE LAC NICOBI

SCALE / ECHELLE 1 : 20,000

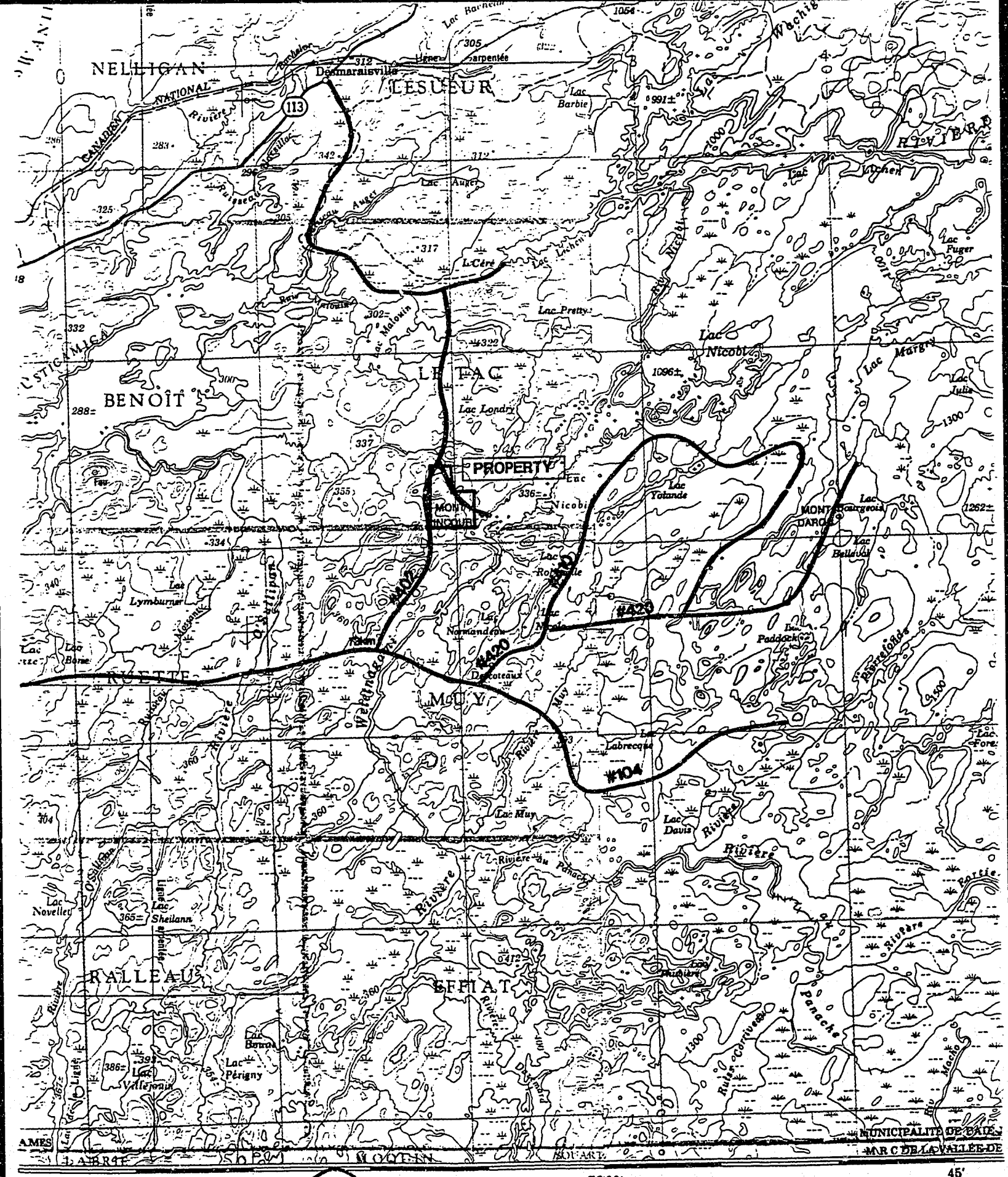
SLASHED (CLEARED) BY DOMTAR.

GEOFACT INC.

CLAIM MAP

CARTE DE CLAIMS

Figure No.3



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ES ET DES RESSOURCES.
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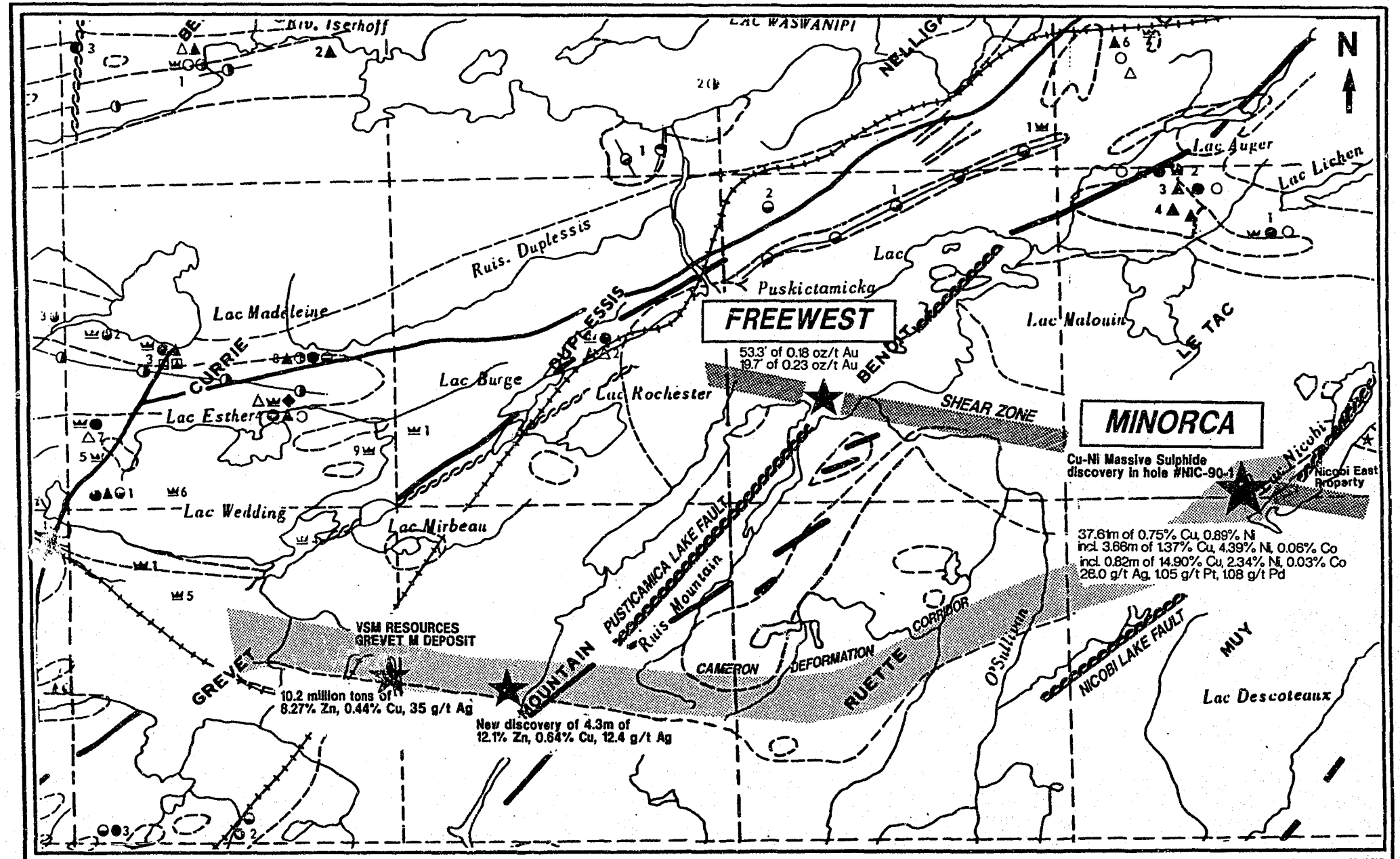
es Cartes du Canada.

SCALE 1:250 000

Figure No. 4



VSE TRADING SYMBOL: MYR

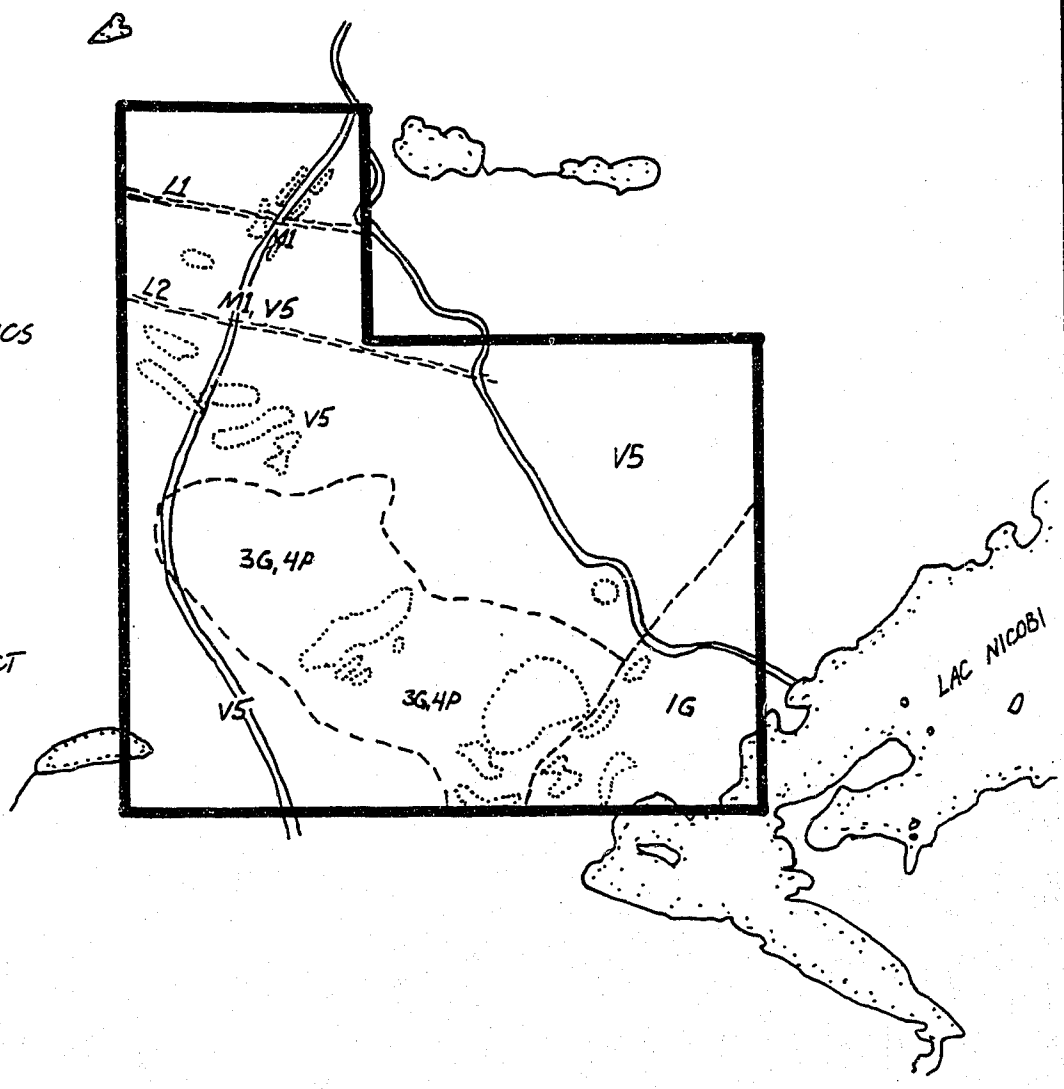
REGIONAL GEOLOGY MAP
GEOLOGIE REGIONALE

MINORCA RESOURCES LTD./ RESSOURCES MINORCA LTEE.
NICOBI LAKE PROPERTY/ PROPRIETE LAC NICOBI

SCALE 1"=4 MILES
ECHELLE 1"=4 MILLES

GEOFACT INC.

Figure No.5

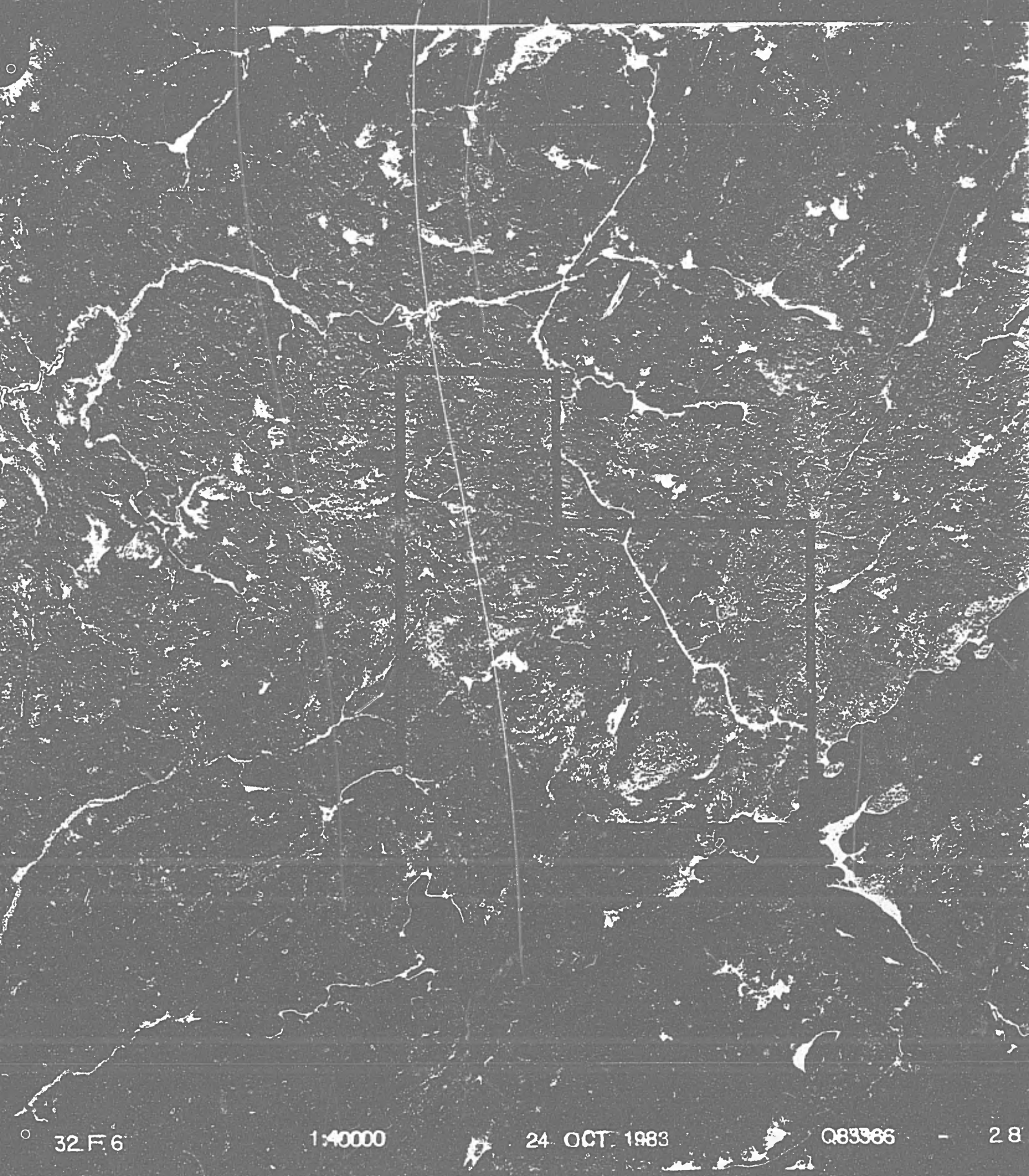


LEGEND

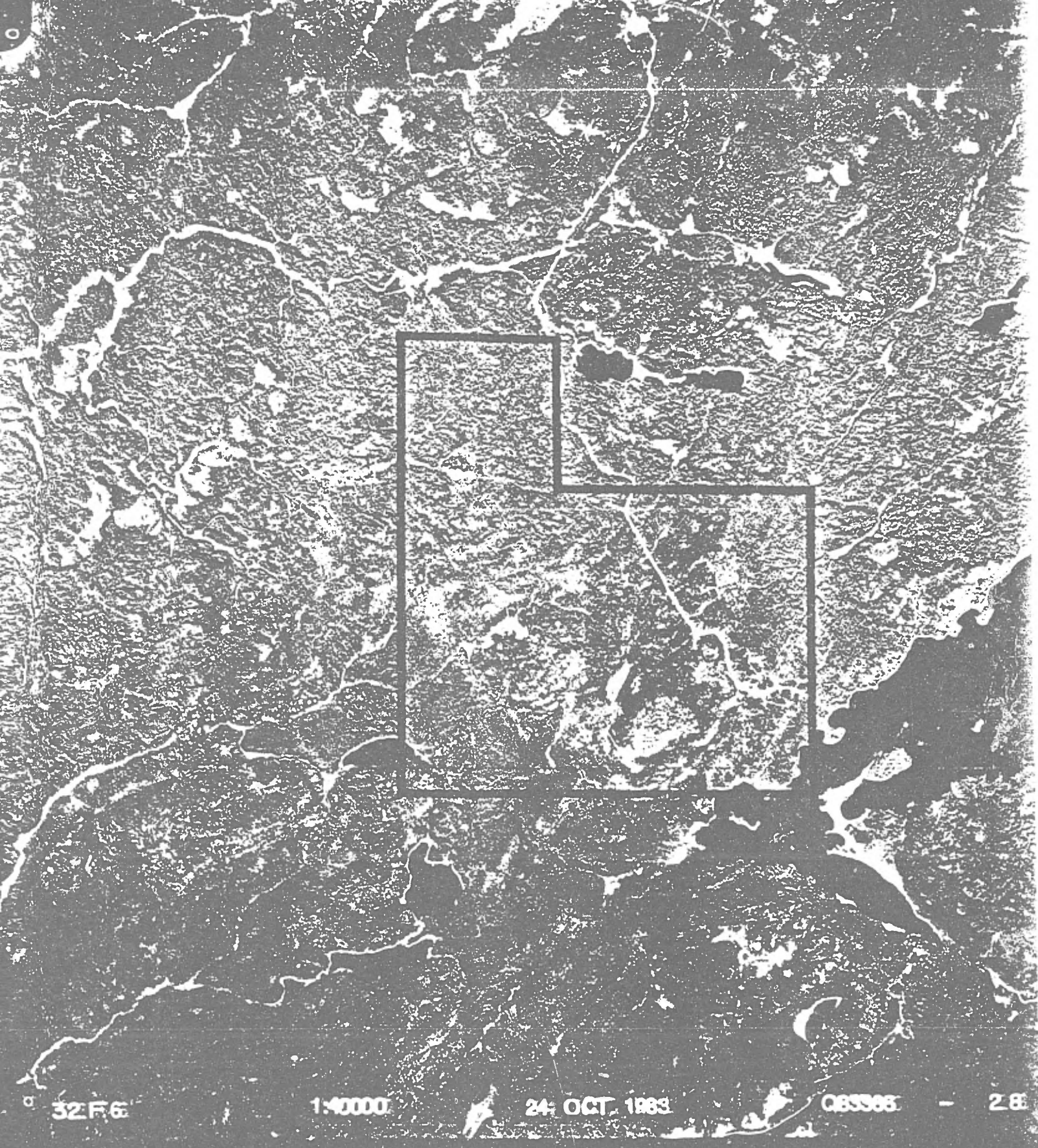
- M1 QUARTZ SERICITE SCHIST
- V5 INTERMEDIATE-MAFIC VOLCANICS
- 3G GABBRO
- 4P ULTRAMAFICS
- IG GRANITE
- LINEAMENT FROM AIR PHOTOS
- OUTCROP
- ASSUMED GEOLOGICAL CONTACT
- LAKE
- PROPERTY BOUNDARY
- ROAD
- L1, L2 LINEAMENTS

SCALE 1:40 000

Figure No. 6



32 F 6 1:40000 24 OCT. 1983 Q83366 - 28



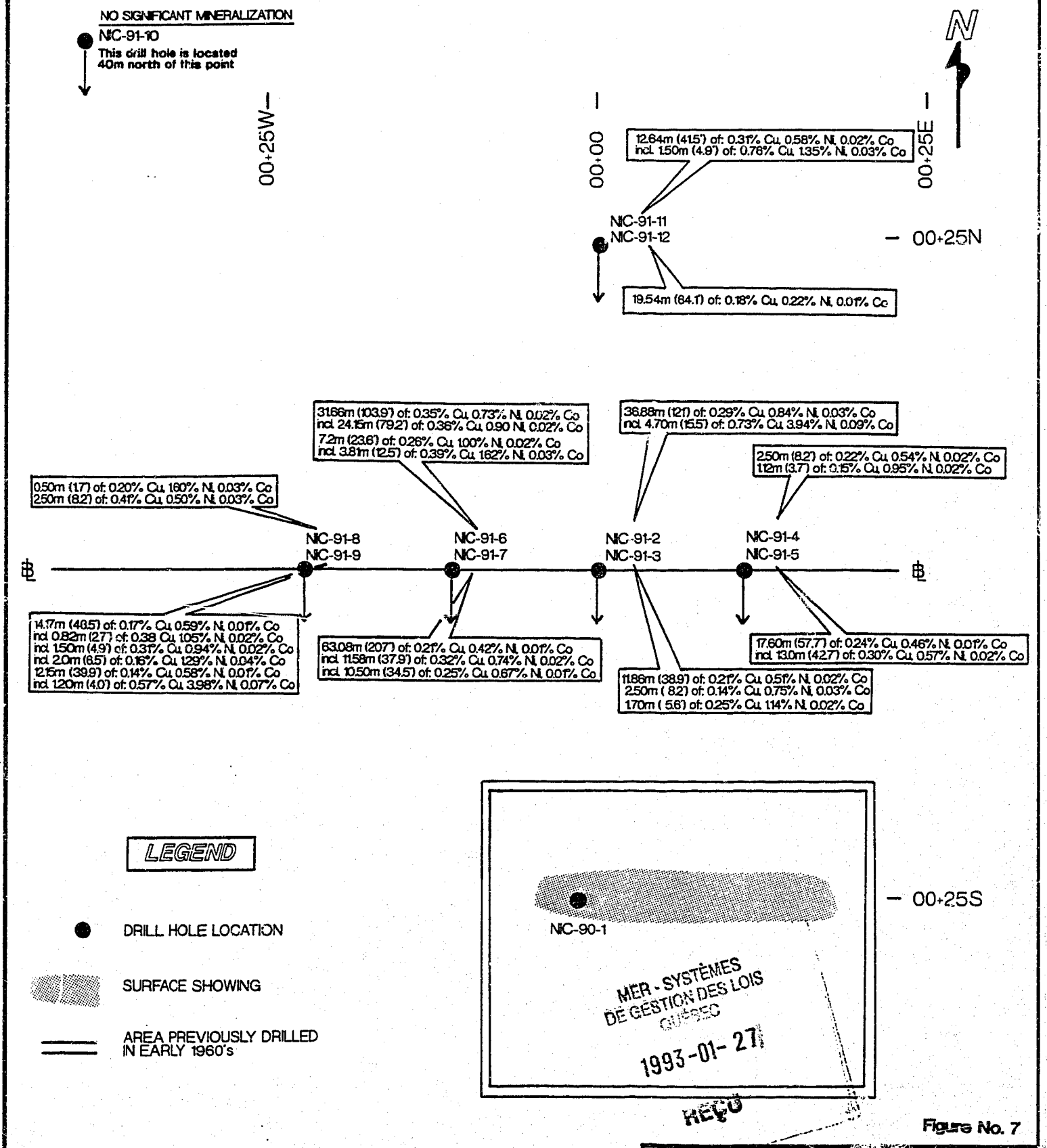


Figure No. 7

MINORCA RESOURCES

NICOBI LAKE BASE METAL PROPERTY

SURFACE PLAN

LE TAC TOWNSHIP, QUEBEC

VSE TRADING SYMBOL: MYR

DATE: July 16, 1991

APPENDICES

APPENDIX 1

CERTIFICATE OF QUALIFICATIONS

APPENDIX 1: CERTIFICATE OF QUALIFICATIONS

I Joel Scodnick, of the town of Rouyn-Noranda, in the Province of Quebec, hereby certify that:

1) I am a consulting geologist with the firm of Geofact Inc. of Noranda.

2) I am a graduate of Concordia University in Montreal, Quebec, and hold a Bachelor of Science Degree in Geology.

3) I am a graduate of Algonquin College in Ottawa, and hold an Honours Distinction Diploma in Electro-Mechanical Engineering Technology.

4) I have 11 years experience in mineral exploration in Canada with 9 years in precious metal and base metal exploration in northwestern Quebec and northeastern Ontario.

5) I am a member of the Quebec Prospectors Association.

6) Permission is granted to use this report completely or partially for assessment and qualification requirements.

Dated in Rouyn-Noranda, Quebec this 15th day of January, 1993.

Joel Scodnick, B.Sc.
Geologist

APPENDIX 2

CLAIM LIST

APPENDIX 2: CLAIM LIST

CLAIM NUMBER	EXPIRY DATE
3503251	22-03-95
3503252	22-03-95
3503253	22-03-95
3503254	22-03-95
3503255	22-03-95
3504591	24-03-95
3504592	24-03-95
3504593	24-03-95
3504594	24-03-95
3504595	24-03-95
3504621	24-03-95
3504622	24-03-95
3504623	24-03-95
3504624	24-03-95
3504625	24-03-95
3504631	25-03-95
3504632	25-03-95

Total of 17 claims measuring 272 hectares.

APPENDIX 3

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SELECTED BIBLIOGRAPHY

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MAPS

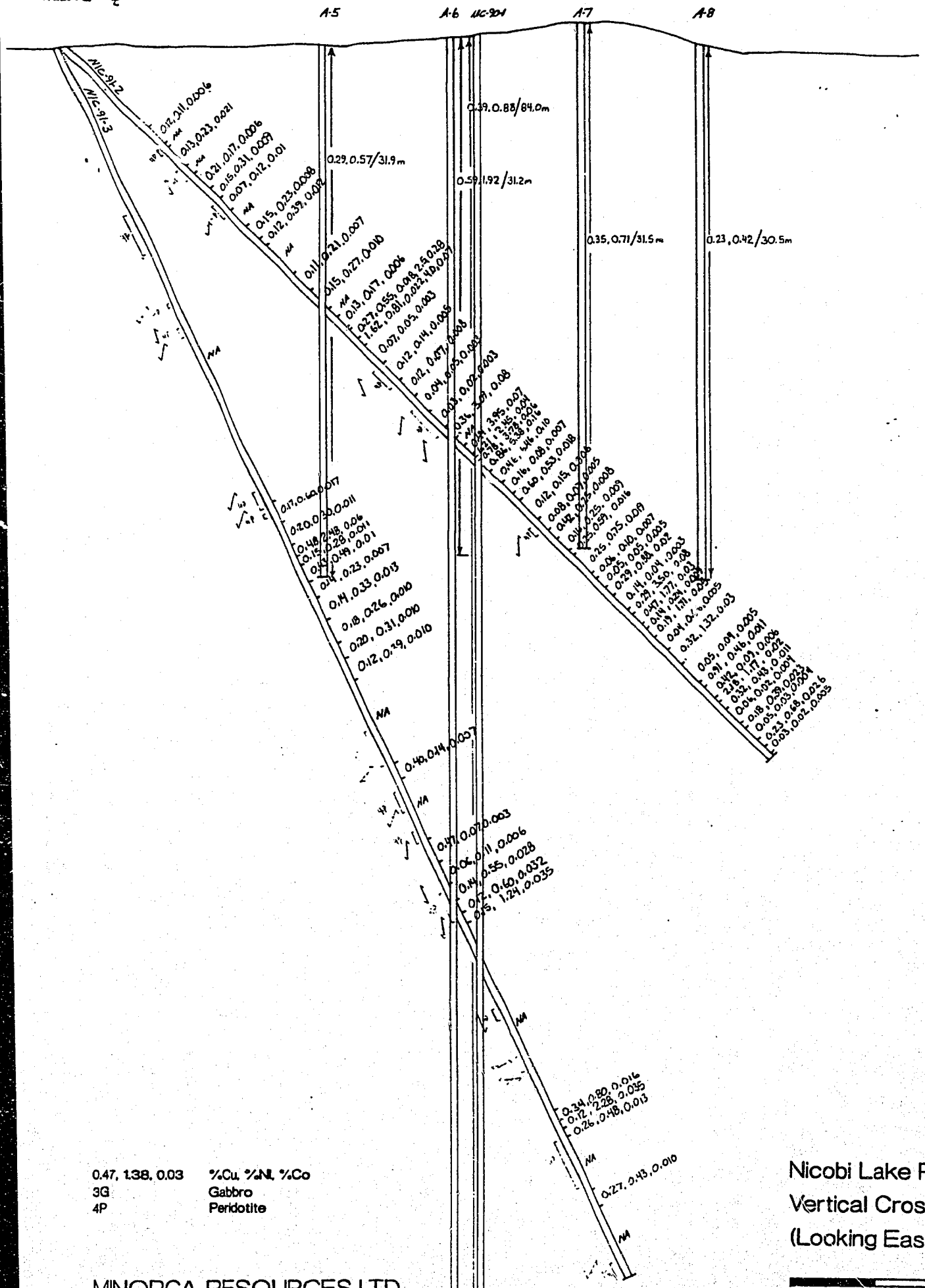
Aéromagnétique:	1:633360	Pusticamica Lake #14276
Aéromag-EM :	1:20000	32F/8-200-101 M.E.R.Q.
	1:20000	32F/8-200-102 M.E.R.Q.
Topographique :	1:250000	32F Lac Waswanipi
	1:50000	32F/8 Lac Pusticamica
	1:20000	32F/08-200-102 Lac Nicobi

APPENDIX 4

VERTICAL CROSS SECTIONS

VERTICAL CROSS SECTION LOOKING EAST
ALONG ℄

DDH#: NIC-91-2 & NIC-91-3



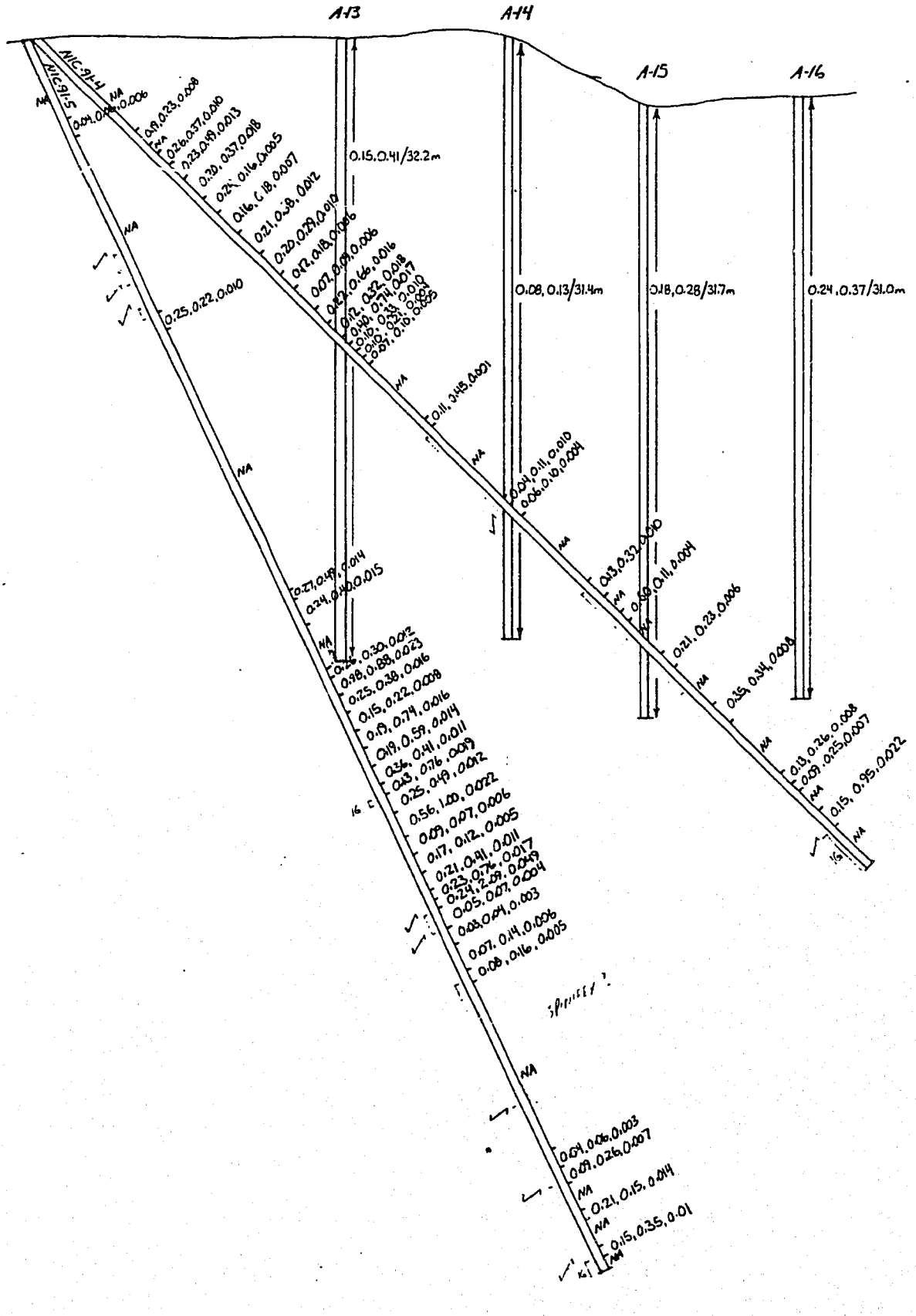
0.47, 1.38, 0.03 %Cu, %Ni, %Co
3G Gabbro
4P Peridotite

MINORCA RESOURCES LTD.

Nicobi Lake Property
Vertical Cross Section
(Looking East)

0 5m 10m

DDH#: NIC-91-4 & NIC-91-5



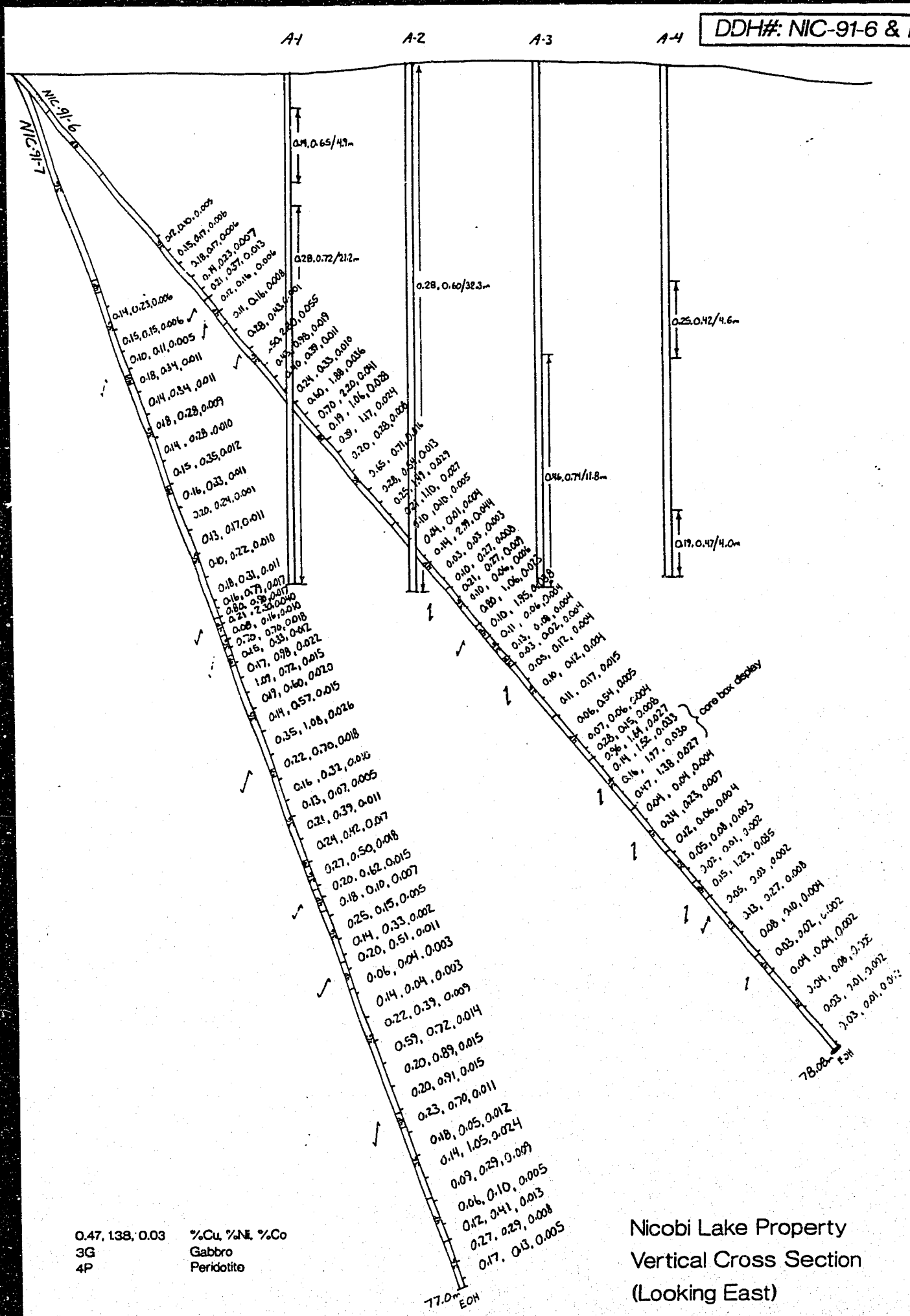
0.47, 1.38, 0.03	%Cu, %Ni, %Co
3G	Gabbro
4P	Peridotite

Nicobi Lake Property
Vertical Cross Section
(Looking East)

MINORCA RESOURCES LTD.

0 5m 10m

DDH#: NIC-91-6 & NIC-91-7



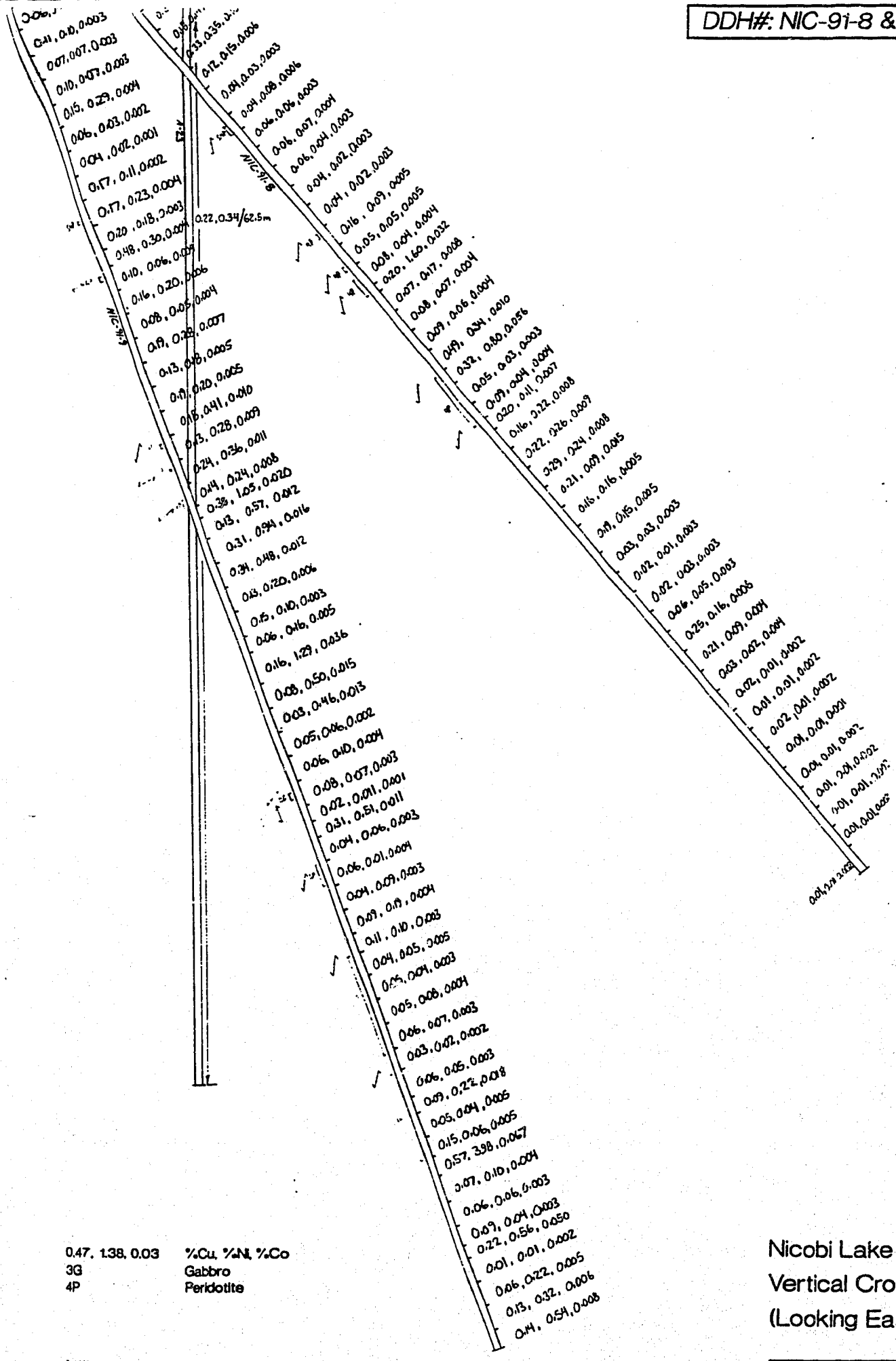
0.47, 1.38, 0.03 %Cu, %Ni, %Co
3G Gabbro
4P Peridotite

Nicobi Lake Property
Vertical Cross Section
(Looking East)

0 5m 10m

MINORCA RESOURCES LTD.

DDH#: NIC-91-8 & NIC-91-9



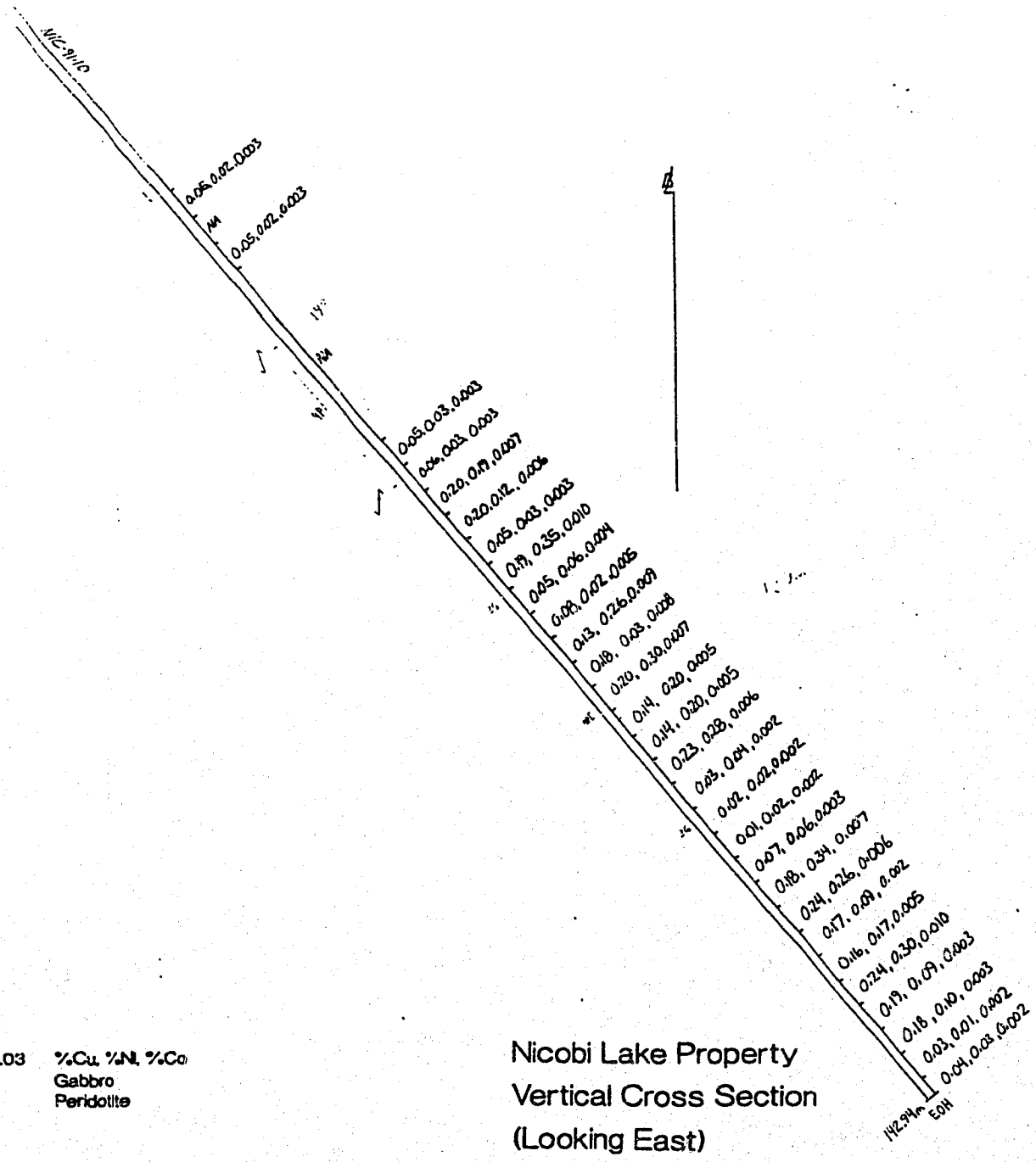
0.47, 1.38, 0.03 %Cu, %Ni, %Co
3G Gabbro
4P Peridotite

Nicobi Lake Property
Vertical Cross Section
(Looking East)

0 5m 10m

MINORCA RESOURCES LTD.

DDH#: NiC-91-10



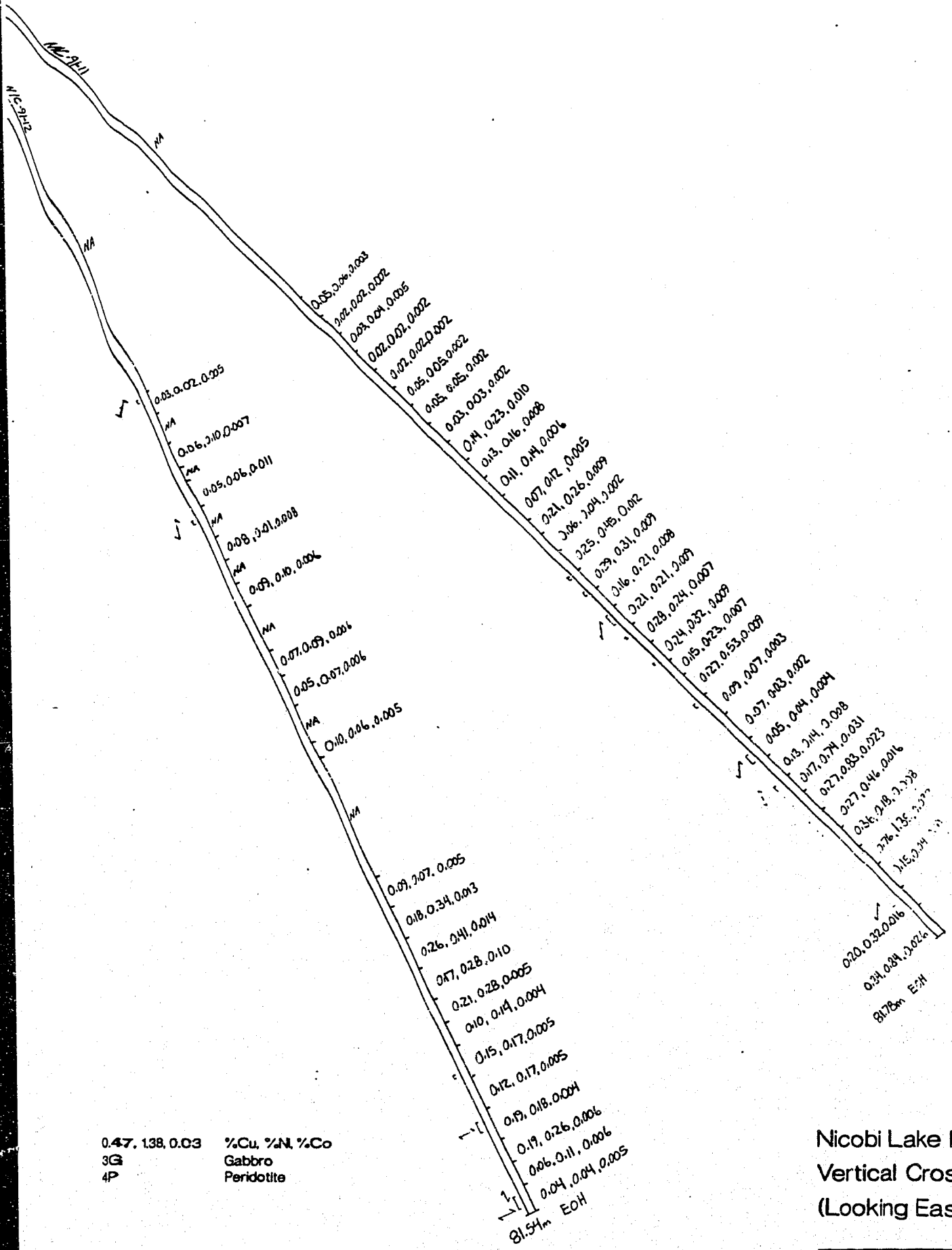
0.47, 1.38, 0.03 %Cu, %Ni, %Co
3G Gabbro
4P Peridotite

Nicobi Lake Property
Vertical Cross Section
(Looking East)

0 5m 10m

MINORCA RESOURCES LTD.

DDH#: NIC-91-11 & NIC-91-12



0.47, 1.38, 0.03 %Cu, %Ni, %Co
3G Gabbro
4P Peridotite

MINORCA RESOURCES LTD.

Nicobi Lake Property
Vertical Cross Section
(Looking East)

0 5m 10m

APPENDIX 5

DRILL LOGS
NIC-90-1 &
NIC-91-2 TO NIC-91-12

MINORCA RESOURCES LTD.

DIAMOND DRILL LOG

AREA: LE TAC TWP, NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI
DATE STARTED: NOV 19, 1990 10:30 p.m.
DATE COMPLETED: NOV 20, 1990 1:00 p.m.

LAT: 0+27.7°S
DEP: 11+12.1°E
ELEVATION:
DDH #: NIC-90-01
BEARING: VERTICAL
TOTAL LENGTH: 107.02 m
LOGGED BY: G. LONG

SHEET: 1 OF 5
INCLINATION AT COLLAR: -90°
SCALE: 1:100

ROCK DESCRIPTION

CASING 0 - 1.22 m

1.22 - 78.84 m

FINE-COARSE GRAINED GABBRO, COMPOSED OF ~ 80% PYROXENE (AMPHIBOLITIZED), ~20% PLAGIOCLASE FELDSPAR, WITH TRACE QUARTZ LOCALLY. ALTERATION: AMPHIBOLITIZED, LOCALLY CARBONATIZED. THE UNIT IS MINERALIZED THROUGHOUT. SULPHIDES PRESENT RANGE FROM TRACE-DISSEMINATED - SEMI-MASSIVE TO MASSIVE AND CONSIST OF PYRRHOTITE, CHALCOPYRITE, PYRITE, PENTLANDITE +/- COBALT(?), MOLYBDENUM. THE UNIT IS MAGNETIC WITH VARIATIONS FROM WEAK TO VERY STRONG.

2.00 - 6.30 C. GR. GABBRO
6.30 - 6.60 F. GR. GABBRO
6.60 - 9.83 M-C GR GABBRO
9.83 - 15.00 C. GR. GABBRO
15.00 - 16.27 F. GR. GABBRO
16.27 - 31.28 M.-C. GR GABBRO

CORE

0
5
10
15
20
25
36

ASSAYS

0.02 Pt
0.03 Pd
0.22 0.038
1.04 0.09
0.03
0.17 Cu
0.71 Ni
0.02 Co
0.06 Pt
0.14 Pd
0.19 Cu
0.85 Ni
0.02 Co
0.43 Cu
1.09 Ni
0.02 Co
0.59 Cu
0.88 Ni
0.02 Co
0.10 Cu
0.94 Ni
0.02 Co
0.12 Pt
0.28 Pd
0.27 Cu
0.50 Ni
0.01 Co
0.04 Pt
0.11 Pd
0.15 Pt
0.10 Pd
0.07 Cu
6.5% Ni
0.10 Co
0.05 Cu
1.00 Ni
43 Co
14.9 Cu
2.34 Ni
0.03 Co
1.05 Pt
1.08 Pd

ALTERATION, STRUCTURE & MINERALIZATION

LEGEND: Δ = BRECCIA
/ = CONTACT
~ = A STRINGER +/- MINERALIZATION
.:. = DISSEMINATED SULPHIDES
= SEMI MASSIVE - MASSIVE SULPHIDES
= FOLIATION

2.00 - 6.30 5-10% DISS CPY ⩒ PY DISS THROUGHOUT FROM 3.77 - 5.50 ≤ 20% PYR ⩒ 5% CPY LOCALLY.

AT 6.30 A SHARP CONTACT B/N C.GR.GB AND A F.GR.GB AT 35° TCA, LOWER CONTACT IS SHARP AT 20° TCA, AT 6.60 (POSSIBLE BOTOLITH?)

6.30 - 7.00 1-2% F.GR. DISS. Py, Po ⩒ < 1% CPY

7.00 - 9.33, 15-20% Po ⩒ 5-10% CPY (~ 5% OF THE Po MAY BE Pn, DUE TO THE LIGHTER COLOR) THE SULPHIDES OCCUR INTERSTITIALLY B/N REMNANT PYX XLS.

9.33 - 9.83 ~ 10% Py/Pn? COARSE, INTERSTITIAL, ⩒ 5% CPY. AT 9.50 A CPY STRINGER, ⩒ MINOR PY, 1-5mm WIDE AT 33° TCA. AT 9.75 A STRINGER OF MASSIVE Po CONTAING TR CPY TR PY OCCURS AT 50° TCA.

9.83 - 11.33 1-2% DISS Po, TR CPY.

12.00 - 17.24 1-2% F.GR. DISS Po ⩒ 1% V.F.GR CPY LOCALLY. FROM 11.58 - 12.56 PLAGIOCLASE FLOODED IN. THE SECTION IS COMPOSED OF 30-40% INTERLOCKED C.GR. PLAG., THERE IS NO PREFERED ORIENTATION TO THE ZONE. AT 12.27 A 2cm² BLEB OF Po RIMMED BY CPY.

12.56 - 13.10 F.GR.GB, GRADATIONAL CONTACTS, FEW CALCIUM CARBONATE (CC) STRINGERS AT 28° TCA, AT 15.75m, AT 13.72 A CPY FILLED HAIRLINE FRACTURE 28° TCA. PLAG FLOODED B/N 13.11 - 13.58 ⩒ U.C. AT 23° TCA, L.C. ~⊥ TCA. AT 14.63 A 5mm MASSIVE Po STRINGER AT 60° TCA.

16.53 - 16.60 ZONE OF Po MINERALIZATION, ~20-25%, OCCURING AS INTERSTITIAL GRAIN FILL. THE ZONE HAS A PREFERED ORIENTATION OF ~33° TCA.

AT 17.15 A 1mm CPY STRINGER AT 35° TCA.

17.24 - 17.61 MASSIVE SULPHIDES CONSISTING OF 40-50% Po, 40% Py, 20% Pn. SHARP UC. AT 22° TCA, SHARP LC. AT 25° TCA., AT 17.68 A 5mm STRINGER OF Po AT 25° TCA ⩒ TR CPY.

AT 18.73 A 1cm CC. STRINGER AT 28° TCA, ⩒ A FEW BLEBS OF Po ⩒ Py. 19.35 - 19.40 A FEW CC. FILLED HAIRLINE FRACTURES AT 45° TCA.

20.05 - 20.16 SILICIFIED ZONE CONTAINING 7-10% CPY, 1% Po AT 58° TCA. AT 21.25 A 5mm QTZ-CC STRINGER AT 57° TCA ⩒ 1% CPY, ≤ 1% Po. AT 21.91 A 2mm QTZ STRINGER AT 30° TCA ⩒ 2% F.GR. CPY, TR Po.

AT 22.02 A 2mm STRINGER OF Po OCCURS AT 68° TCA. FROM 22.20 - 23.02 A BAND OF 95% SULPHIDES, COMPOSED OF 60% MASSIVE CPY, 25% Po, 15% Pn. THE U.C. IS SHARP AT ~ 37° TCA., THE L.C. IS SHARP AT 38° TCA. B/N 22.74 - 22.90 THE ZONE RUNS SUB// TCA.

GEOFACT INC.

MINORCA RESOURCES LTD.

DIAMOND DRILL LOG

AREA: LE TAC TWP, NICOBI LAKE.
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI
DATE STARTED: NOV 19, 1990 10:30 pm.
DATE COMPLETED: NOV 20, 1990 1:00 pm

LAT: 0+27.7°S
DEP: 11+12.1°E
ELEVATION:
DDH #: NIC-90-01
BEARING: VERTICAL
TOTAL LENGTH: 107.02 m
LOGGED BY: G. LONG

SHEET: 2 OF 5
INCLINATION AT COLLAR: -90°
SCALE: 1:100

ROCK DESCRIPTION	CORE	ASSAYS	ALTERATION, STRUCTURE & MINERALIZATION
	25	0.36 Pt 0.60 Pd 2.15 Cu 4.05 Ni 0.06 Co 0.03 Pt 0.15 Pd 0.30 Cu 5.59 Ni 0.07 Co 0.91 Pt 2.41 Pd 0.19 Cu 5.75 Ni 0.07 Co 3.60 Cu 1.02 Ni 0.02 Co 0.10 Pt 0.49 Pd	AT 23.11 A 1mm CPY STRINGER RUNS ⊥ TCA, AT 23.14 A 2mm CC STRINGER RUNS 18° TCA., AT 23.77 A 2mm CPY STRINGER ⊥ TCA, AT 23.77 A 2mm CC STRINGER AT 43° TCA 24.50 - 24.80 ~1% DISS Po ⩝ TR CPY LOCALLY AT 25.19, 25.25, 25.43, 25.71; 1-2mm CC STRINGERS CONTAINING 20-50% CPY. ANGLES AS FOLLOWS 43°, 48°, 78°, 58° TCA. FROM 25.84 - 29.40 SULPHIDES RANGING FROM 25-90% IN A MED-C GR. SS. ALL SULPHIDES OCCUR AS INTERSTITIAL FILL (BRECCIA?). THE UC. HAS A VAGUE ORIENTATION OF 35° TCA AT 25.84, WITH A VAGUE LC. OF 42° TCA AT 28.72, MOD CARBONATIZED OVERALL. SULPHIDE BREAKDOWN AS FOLLOWS; 25.84 - 26.10 10% Pn, 15% CPY, 55% Po, 26.10 - 26.15 10-15% CPY, 26.15 - 26.53 20% Po, 10% Pn(?), 20% Py. 26.53 - 26.82 20% CPY ⩝ 10-20% Po (LOCALLY) 26.82 - 26.95 10% Po ⩝ 2-5% CPY, 26.95 - 27.52 20% Py/Pn(?) ⩝ 40% Po. 27.52 - 27.66 15-20% Po, 5% Py ⩝ 1-2% CPY. 27.66 - 28.00 40% Po, 20% Pn. 28.00 - 28.36 30% Po, 20% Pn. 28.36 - 28.55 60% Po, 20-25% Pn. 28.55 - 28.65 5% CPY, 2% Po. 28.65 - 28.78 15% Po, 20% Pn, 10% CPY. 28.94 - 28.97 A BAND OF 20% CPY, 20% Po AT 8° TCA 29.16 - 29.19 A BAND OF 50% CPY, 20-25% Po, 5-10% Pn AT 8° TCA, FROM 29.19 THE BAND RUNS // TCA AND EXITS AT 29.29. 29.49 - 31.28 C.GR. SS CONTAINING ≤1% F. GR. DISS Po, Py ⩝ TR CPY OVERALL.
31.28 - 34.55 F-MED GR. MICROGABBRO. SHARP UPPER CONTACT AT 39° TCA. SHARP LOWER CONTACT AT 43° TCA.	30	3.17 Cu 0.27 Ni 83 Co 0.45 Pt 0.18 Pd	
34.55 - 42.00 C.GR. GABBRO	35	0.11 Cu 0.84 Ni 0.05 Co 0.22 Pt 0.23 Pd 0.06 Cu 0.88 Ni 0.01 Co	
	36	0.25 Cu 1.24 Ni 0.02 Co 0.01 Pt 0.12 Pd	WEAKLY CARBONATIZED FROM 31.33 - 31.38. THE NOSE OF A FOLD FROM 31.40 - 31.46, A BAND OF CPY 1-2mm WIDE FOLLOWS THE OUTER RIM OF THE FOLD. FROM 31.46 - 31.54 GROUND CORE, 60% RECOVERY OF 40% CPY. 31.54 - 31.63 SMALL FOLD ⩝ FOLD AXIS 1/TCA, ⩝ A 2-4mm RIM OF 2-5% DISS CPY, 2% Po. 31.78 - 31.92 PLUG. FLOODED RUNNING ~11° TCA. 20% CPY ⩝ 10% Po RUNNING THE ZONE. FROM 32.27 - 32.32 10% DISS Po, Py. B/N 32.32 - 32.90 A FEW CC FILLED HAIRLINE FRACTURES RANGING FROM 18-20° TCA. AT 32.68 A 2mm STRINGER OF 70% Py (Pn?) 30% Po RUNNING 50° TCA. 33.32 - 33.39 A BAND OF 75% Pn(?) 25% Po RUNS 25° TCA. 33.40 - 33.45 A BAND OF 20% DISS Po // TO THE ABOVE BAND 33.77 - 34.55 NUMEROUS CC FILLED HAIRLINE FRACTURES AT 10-12° TCA, FEW CONTAIN MINOR Po, Py. AT 34.60 A 1cm CC STRINGER ⊥ TCA CONTAINS BLEBS OF Pn ⩝ Po AND CPY, INTERLOCKING. FROM 34.70 - 35.97 GROUND CORE (60-70%) RECOVERY WITHIN THIS SECTION THERE ARE AREAS OF 15-20% Pn(?), ⩝ Po AND TR CPY. AT 36.14 AND 36.33 1-3mm WIDE BANDS OF Po ~⊥ TCA. 36.49 - 36.56 20-25% Po, ⩝ INTERGRANULAR Py/Pn 36.60 - 36.80 10-15% CPY, 2% Po AS INTERGRANULAR FILL.
42.00 - 47.76 F-M. GR MICROGABBRO SHARP UPPER CONTACT AT 38° TCA SHARP LOWER CONTACT AT 33° TCA. OVERALL WEAKLY CARBONATIZED.	43 16 45		
47.76 - 48.44 C. GR. GABBRO UPPER CONTACT AT 33° TCA LOWER CONTACT AT 62° TCA, BOTH SHARP	16		
48.44 - 52.82 F.GR. MICROGABBRO SHARP UPPER CONTACT AT 62° TCA BRECCIATED AT LOWER CONTACT AT 12° TCA (?)	50	0.35 Cu 0.31 Ni 0.01 Co	

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DIAMOND DRILL LOG

AREA: LE TAC TWP, NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI
DATE STARTED: NOV 19, 1990 10:30 p.m
DATE COMPLETED: NOV 20, 1990 1:00 p.m

LAT: 0+27°S
DEP: 11+12.1°E
ELEVATION:
DDH #: NIC-90-01
BEARING: VERTICAL
TOTAL LENGTH: 107.02 m
LOGGED BY: G. LONG

SHEET: 3 OF 5
INCLINATION AT COLLAR: -90°
SCALE: 1:100

ROCK DESCRIPTION	CORE	ASSAYS	ALTERATION, STRUCTURE & MINERALIZATION
	50		AT 36.56, 36.91 2mm STRINGERS OF Po, Pn AT 65°, 60° TCA. 37.08-37.20 A BAND OF 25% Po, 10-15% Pn AT 37° TCA. FROM 37.20-42.00, OVERALL 1-2% PY WITH SECTIONS OF 1-2% Po, TR CPY LOCALLY. AT 38.51 A 5mm CC STRINGER AT 53° TCA, W ≤ 1% CPY, ≤ 1% Po. 39.15 A 1cm MAFIC STRINGER/DYKE AT 58° TCA W 5% Po, ≤ 1% CPY. AT 40.12 A 2mm STRINGER OF CPY AT 37° TCA. 40.54-40.67 PLAG. FLOODED, 39° TCA CONTAINING 3-5% DISS Po W ≤ 1% DISS CPY. AT 41.67 A 1mm CC STRINGER AT 40° TCA, HOST IS MODERATELY CARBONATIZED.
52.82-56.77 C. GR. GABBRO UPPER CONTACT DIFUSE, 7-12° TCA. LOWER CONTACT SHARP AT 50° TCA		0.23 Cu 0.26 Ni	43.74-43.92 GRANITE DYKE AT 44° TCA (UPPER CONTACT), 54° TCA, L.C.. B/N 45.78-46.10 A FEW HAIRLINE FRACTURES OF CC FROM 22-35° TCA. AT 46.24 A 2mm BAND OF 80% Po, 20% Pn RUNS 9° TCA. FROM 47.23-47.60 FOLIATED AT 38° TCA, W 1-2% F.GR. DISS PY, W 1-2% F.GR. DISS Po, // TO THE FOLIATION, LOCALLY.
	55	0.33 Cu 0.57 Ni 0.01 Co	AT 47.76 1-2% F.GR. DISS PY W TR CPY RUNS // TO THE U.C. WITHIN THE F.GR. UNIT. 48.33-48.44 GRANITIC DYKE UPPER+ LOWER CONTACTS SHARP AT 62° TCA, AT 48.37 A SMALL BAND OF Po W TR Pn, PARALLELS THE CONTACTS.
56.77-59.15 F. GR. MICROGABBRO UPPER CONTACT SHARP AT 50° TCA. L.C. SHARP AT 32° TCA.	3G	0.05 Cu 0.68 Ni 0.02 Co 0.28 Au	B/N 48.44-52.82 ~ 40% PLAG. PRESENT W 25-30% F.GR. DISS Po, 2-5% F.GR DISS CPY LOCALLY
59.15-61.30 C. GR. GABBRO SHARP UPPER CONTACT AT 32° TCA SHARP, UNEVEN, CONTACT AT ~ 15° TCA			50.57-50.78 C.GR. GABBRO AUTOLITH(?) U.C. SHARP AT 63° TCA, L.C. ~ SHARP AT 52° TCA, W 5-10% Po, ~ 5% CPY AS COARSE 1-2 MM B/N BRECCIATED(?) FRAGMENTS.
61.30-70.00 F.GR. MICROGABBRO SHARP UNEVEN UPPER CONTACT AT ~ 15° TCA SHARP LOWER CONTACT AT 38° TCA.	60	0.15 Cu 0.48 Ni 0.02 Co	51.13-51.21 GROUND CORE 75% RECOVERY. B/N 51.23-51.33 3-5% F.GR. DISS Po W THE SAME AMOUNT OF CPY, RANDOMLY ORIENTED. AT 51.40 A BAND OF F.GR. DISS Po, 2% AND 2% CPY AT 17° TCA, POSSIBLY A FOLD ENTERING AT 51.33 AND EXITING AT 51.46.
	65		51.58-51.70 C.GR. GABBROIC AUTOLITH (?) W ≤ 1% F.GR. DISS Po, MINOR Pn, TR CPY. FROM 52.05-52.15 A BAND OF 10-15% Po W 5-10% CPY AT 13° TCA.
			52.82-54.12, 20-30% F-M GR DISS SULPHIDES, CONSISTING OF 15-20% Po, 10-15% CPY LOCALLY.
			AT 53.03 AND 53.05 CPY STRINGERS 2-5mm WIDE AT 32° TCA CONTAINING ~ 5% Po. AT 53.15 A 2mm Po STRINGER 61° TCA. AT 53.81 A 1mm Po, Py STRINGER AT 28° TCA. AT 53.84 A 2mm QTZ STRINGER AT 61° TCA CONTAINS 10% CPY, 10% Po, ≤ 1% Mo.
70.00-70.59 C.GR. GABBRO SHARP UPPER CONTACT AT 38° TCA SHARP LOWER CONTACT AT 23° TCA	70	0.04 Cu 0.13 Ni	54.45 A 1-2mm STRINGER OF 60% Po, 40% Pn AT 48° TCA 54.65 A 1-2mm STRINGER OF 60% Po, 40% CPY AT 35° TCA.
70.59-70.74 F.GR. MICROGABBRO			54.84 A 1mm STRINGER OF Po, CPY AT 57° TCA, AT 55.20 A 5mm STRINGER OF 40% CPY, 40% Po, 20% Pn AT 33° TCA.
70.74-71.61 C.GR. GABBRO UPPER CONTACT SHARP AT 26° TCA LOWER CONTACT SHARP AT 21° TCA. (WEAKLY FOLIATED ~ 45° TCA)	75		55.55 A 1cm STRINGER OF 75% Po, 25% Pn (Py?), W 10% DISS CPY IN HOST ADJACENT TO THE UPPER CONTACT, AT 67° TCA. 55.68 A 1 cm STRINGER OF 60-70% DISS Po AT 38° TCA.

MINORCA RESOURCES LTD.

DIAMOND DRILL LOG

AREA: LE TAC TWP, NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI
DATE STARTED: NOV 19, 1990 10:30 p.m.
DATE COMPLETED: NOV 20, 1990 1:00 p.m.

LAT: 0+27°S
DEP: 11+12.1°E
ELEVATION:
DDH #: NIC-90-01
BEARING: VERTICAL
TOTAL LENGTH: 107.02 m
LOGGED BY: G. LONG

SHEET: 4 OF 5
INCLINATION AT COLLAR: -90°
SCALE: 1:100

ROCK DESCRIPTION

71.61 - 72.34 F. GR. GABBRO.

72.34 - 73.22 C. GR. GABBRO.
U.C. DIFUSE AND SUB// TCA.
LOWER CONTACT SHARP AT 64° TCA.

73.22 - 74.65 F. GR. MICROGABBRO
GRADATIONAL CONTACTS

74.65 - 75.95 C. GR. GABBRO
GRADATIONAL UPPER CONTACT W A
RELATIVELY SHARP L.C. SUB// TCA.
75.95 - 78.24 F. GR. GABBRO
78.24 - 78.80 C. GR. GABBRO
UPPER CONTACT SHARP AT 35° TCA.
LOWER CONTACT SHARP AT 38° TCA

78.80 - 107.02 GRANITE
SHARP UPPER CONTACT AT 38° TCA.
WEAKLY PORPHYRITIC, ~ 30% K-SPAR,
10-15% HBL, 30% PLAGIOCLASE,
25-30% QUARTZ.

CORE

75
80
85
90
95
100

IG DYKE

ASSAYS

0.10 Cu
0.22 Mo

ALTERATION, STRUCTURE & MINERALIZATION

56.94 - 57.01, 20-25% F.GR. DISS Py W MINOR Pn (?)
57.13 - 57.19, WITHIN THIS SECTION A FEW RANDOMLY ORIENTED STRINGERS OF CPY W Py 1-2mm THICK.
AT 57.44 10% Py, 2-5% CPY, 1-2% Pn (?) DISS.
B/N 57.44 - 59.15 A FEW CC FILLED HAIRLINE FRACTURES ~ ORIENTED 20° TCA AND LOCALLY MINERALIZED W UP TO 10-15% DISS CPY. AT 59.87 A 2mm CPY STRINGER AT 81° TCA, CONVERGES W A 2-5mm CPY STRINGER AT 45° TCA. AT 60.08 A 1mm CC STRINGER AT 25° TCA W 10-15% F-M. GR DISS CPY RUNNING // TO IT, IN THE HOST. 60.50 - 60.60, 5-10% DISS CPY ASS. W CC STRINGERS SUB// TO CORE AXIS. FROM 60.71 - 60.76 A BAND OF SEMI-MASSIVE SULPHIDES CONTAINING FRAGMENTS OF HOST ROCK (BRECCIATED ?), AT 17° TCA AND CONSISTING OF 5% CPY, 40% Py, 25-30% Pn AT 60.98 A 5mm BAND OF 60% Py, 40% Pn, AT 48° TCA. B/N 62.40 - 62.79 NUMEROUS (5%) CC FILLED HAIRLINE FRACTURES AT 23° TCA ON AVG.
B/N 62.96 - 63.52 (?) C. GR. GABBROIC INCLUSION ?, U.C. AT 57° TCA, L.C. IN GROUND CORE B/N 6.32 - 6.46 (~75% RECOVERY). 63.40 - 64.38 1-2% F. GR. DISS Py (NON MAG.)
64.38 - 65.90 NUMEROUS (5-10%) CC FILLED HAIRLINE FRACTURES AT ~ 10° TCA. 65.43 - 65.49 FOLIATED 48° TCA. 65.90 - 66.33 C. GR. GABBROIC INCLUSION (37° TCA)
AT 66.11 A 5mm QTZ/CC STRINGER ⊥ TO C.G. CONTAINING ≤ 1% Py LOCALLY. 67.06 - 67.16 NOSE OF A FOLD OUTLINED BY 15-20% F. GR. DISS Py W MINOR Py. 67.30 - 67.50 IN THIS SECTION A FEW CC FILLED HAIRLINE FRACTURES AT ~ 13° TCA. 67.70 - 68.19 MODERATELY FOLIATED ~ 39° TCA W MINOR Py. 68.19 - 68.60 FEW CC STRINGERS AT 31° TCA, AS WELL AS A COUPLE OF Py, CPY STRINGERS 2-4mm, AT ~ 46° TCA. 68.60 - 68.93 C. GR. GABBRO WEAKLY FOLIATED 51° TCA, 69.16 - 69.29 AS ABOVE BUT AT 47° TCA. AT 70.00 THE CONTACT IS MINERALIZED W 10% F. GR. DISS Py. AT 70.74 THE UC. CONTAINS 2-5% F. GR. DISS Py. AT 71.21 A 1 cm BAND OF 20-25% Py, IN A BRECCIATED ZONE, 45° TCA.
73.22 ~ 2% F. GR. DISS Py; 72.34 - 73.22 OVERALL 1-2% DISS Pn (?) W Py AND TR CPY. 73.22 - 74.65 FEW CC FILLED HAIRLINE FRACTURES AT 23° TCA, TR CPY LOCALLY. AT 74.09 A 1-3mm CC STRINGER W 2% CPY AND TR Mo AT 10° TCA. AT 77.05 A 3mm BAND OF CPY AT 33° TCA. AT 77.16 A 3 cm GRANITE DYKE/STRINGER AT 20° TCA. AT 77.70 A 2 cm GRANITE DYKE/STRINGER AT 30° TCA. AT 78.21 A 5mm BAND OF Py, Pn (?) AT 32° TCA.
78.24 - 78.80, WEAKLY FOLIATED // TO CONTACT. W THE GRANITE.

GEOFACT INC.

MINORCA RESOURCES LTD.

DIAMOND DRILL LOG

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CONTRACTOR: FOREGE BENOIT
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CLAIM #: 3503252
PROJECT: NICOBI
DATE STARTED: NOV 19, 1990 10:30 p.m
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LAT: 0+27°S
DEP: 11+12.1°E
ELEVATION:
DDH #: NIC-90-01
BEARING: VERTICAL
TOTAL LENGTH: 107.02m
LOGGED BY: G. LONG

SHEET: 5 OF 5
INCLINATION AT COLLAR: -90°
SCALE: 1:100

ROCK DESCRIPTION	CORE	ASSAYS	ALTERATION, STRUCTURE & MINERALIZATION
100			78.64 - 78.69 20% Po, 5-10% Pn(?) AT 37° TCA 78.74 - 78.76 10% Po, 5% Pn(?) // TO CONTACT WITH THE GRANITE. AT 78.80 THE CONTACT THE GRANITE IS WEAKLY FOLIATED IN THE SAME DIRECTION. AT 79.85 A 1mm BAND OF Py AT 36° TCA AT 80.04 A 3-4mm BAND OF Py AT 36° TCA. E.O.H 107.02 m.
E.O.H. 107.02m			CORE STORED IN VAL D'OR.

GEOFACT INC.

SAMPLE FORM

DDH #: NIC-90-01
DATE: 1-12-90
SHEET #: 1 OF 2

NICOBI LAKE PROPERTY

MINORCA RESOURCES LTD.

SAMPLE #	FROM (m)	TO (m)	LENGTH (m)	Cu %	Ni %	Co ppm/%	Ag ppm	Au g/t	Pt g/t, ppb	Pd g/t, ppb	Zn %	Comments
17635	1.40	2.28	0.88	0.23	0.12	46	2.5	0.04	20	21		CERT.#1997
17636	2.28	3.77	1.49	0.63	0.25	71	3.5	0.06	0.12	0.10		Pt,Pd in g/t
17637	3.77	4.50	0.73	0.22	1.04	0.03	2.5	0.07	34	0.19		Pd in g/t
17638	4.50	5.50	1.00	0.17	0.71	0.02	2.0	0.09	60	0.14		Pd in g/t
17639	5.50	7.00	1.50	0.18	0.35	84	2.5	0.06	28	32		
17640	7.00	8.00	1.00	0.19	0.85	0.02	2.5	0.08	25	71		
17641	8.00	8.53	0.53	0.43	1.01	0.02	3.5	0.11	16	86		
17642	8.53	9.33	0.80	0.59	0.88	0.02	3.0	0.07	63	35		
17643	9.33	9.83	0.50	2.10	0.94	0.02	64	0.19	0.12	0.28		Pt, Pd in g/t
17644	9.83	11.33	1.50	0.11	0.18	65	2.0	0.04	9	33		
17645	11.33	12.00	0.67	0.05	0.05	25	2.5	0.04	9	24		
17646	12.00	12.56	0.56	0.36	0.30	80	2.9	0.11	40	77		
17647	12.56	13.16	0.60	0.04	0.05	28	3.0	0.04	<6	<6		
17648	13.16	14.68	1.52	0.27	0.50	0.01	3.4	0.06	37	0.11		Pd in g/t
17649	14.68	16.15	1.47	0.11	0.16	52	2.9	0.05	<6	23		
17650	16.15	17.24	1.09	0.14	0.29	69	2.5	0.04	27	51		
17651	17.24	17.77	0.53	0.07	6.96	0.10	3.0	0.02	0.15	95		Pt in g/t
17652	17.77	19.00	1.23	0.05	1.0	43	1.5	0.01	<6	7		
17653	19.00	20.50	1.50	0.10	0.12	42	2.4	0.03	<6	54		
17654	20.50	21.70	1.20	0.06	0.03	26	1.9	0.02	<6	<6		
17655	21.70	22.20	0.50	0.20	0.21	49	2.5	0.12	7	56		
17656	22.20	23.02	0.82	14.9	2.34	0.03	26	0.07	1.05	1.08	0.02	Pt, Pd in g/t
17657	23.02	23.77	0.75	0.12	0.02	15	1.0	0.02	<6	34		
17658	23.77	24.90	1.13	0.15	0.04	27	1.0	0.01	<6	19		
17659	24.90	25.83	0.93	0.11	0.02	26	0.9	<0.01	<6	<6		
17660	25.83	26.83	1.00	2.15	4.05	0.06	5.5	0.06	0.36	0.60		Pt, Pd in g/t
17661	26.83	27.83	1.00	0.30	5.59	0.07	3.5	0.05	34	0.19		Pd in g/t
17662	27.83	28.83	1.00	0.19	5.75	0.07	3.0	0.02	11	0.13		Pd in g/t
17663	28.83	29.49	0.66	3.60	1.02	0.02	7.0	0.04	96	0.19		Pd in g/t
17664	29.49	31.18	1.67	0.05	0.05	26	1.0	<0.01	16	<6		
17665	31.18	32.00	1.18	3.17	0.27	83	7.4	0.15	0.15	0.18		Pt, Pd in g/t
17666	32.00	33.22	1.22	0.07	0.20	80	1.0	0.02	<6	28		
17667	33.22	33.77	0.55	0.11	0.84	0.05	2.1	0.03	0.22	0.23		Pt, Pd in g/t
17668	33.77	34.70	0.93	0.12	0.18	55	1.0	0.03	8	<6		
17669	34.70	35.97	1.27	0.17	0.27	71	3.4	0.03	<6	<6		
17670	35.97	36.60	0.63	0.06	0.50	0.01	1.4	0.02	<6	<6		
17671	36.60	37.20	0.60	0.25	1.24	0.02	2.9	0.02	12	0.12		Pd in g/t
17672	37.20	37.90	0.70	0.12	0.32	73	2.0	<0.01	<6	<6		
17673	37.90	39.01	1.11	0.03	0.03	21	1.5	0.01	<6	<6		
17674	39.01	39.55	0.54	0.11	0.34	80	3.9	47 ppb				CERT #2006
17675	39.55	40.54	0.99	0.03	0.03	17	1.0	0.14 g/t				
17676	40.54	41.02	0.48									
17677	41.02	42.00	0.98									
17678	42.00	43.52	1.52									
17679	43.52	44.02	0.50									

GEOFACT INC.

SAMPLE FORM

DDH #: NIC-90-01
DATE: 1-12-90
SHEET #: 2 OF 2

NICOBI LAKE PROPERTY

MINORCA RESOURCES LTD.

SAMPLE #	FROM (m)	TO (m)	LENGTH (m)	Cu	Ni	Co	Ag	Au	Pt	Pd	Rh	Comments
17680	44.02	45.56	1.54									
17681	45.56	46.56	1.00	0.04	0.10	39	1.5	13				CERT. #2006
17682	46.56	47.76	1.20									NOT ASSAYED
17683	47.76	48.77	1.01	0.07	0.06	35	0.5	27				CERT. # 2006
17684	48.77	49.56	0.79	0.35	0.39	0.01	1.5	27				"
17685	49.56	50.57	1.01									NOT ASSAYED
17686	50.57	50.78	0.21	0.23	0.26	73	<0.5	20				CERT. # 2006
17687	50.78	51.21	0.43	0.06	0.05	35	<0.5	7				"
17688	51.21	52.18	0.97	0.10	0.09	41	<0.5	13				"
17689	52.18	52.64	0.46									NOT ASSAYED
17690	52.64	54.25	1.61	0.33	0.57	0.01	<0.5	27				CERT. #2006
17691	54.25	55.45	1.20	0.19	0.09	27	<0.5	23				"
17692	55.45	55.77	0.63	0.65	0.68	0.02	<0.5	0.28g/t				"
17693	55.77	57.30	1.52	0.14	0.18	43	<0.5	23				"
17694	57.30	58.82	1.52	0.17	0.20	56	<0.5	23				"
17695	58.82	59.67	0.85									NOT ASSAYED
17696	59.67	60.61	0.94	0.56	0.05	22	<0.5	53				CERT. #2006
17697	60.61	61.30	0.69	0.15	0.48	0.02	<0.5	17				"
17698	61.30	62.79	1.49	0.05	0.03	25	<0.5	10				"
17699	62.79	64.38	1.58									NOT ASSAYED
17700	64.38	65.90	1.52	0.05	0.02	22	<0.5	10				CERT. #2006
17701	65.90	66.90	1.00	0.05	0.04	26	<0.5	13				"
17702	66.90	67.70	0.80									NOT ASSAYED
17703	67.70	68.60	0.90	0.07	0.10	39	<0.5	13				CERT. #2006
17704	68.60	69.49	0.89									NOT ASSAYED
17705	69.49	71.00	1.51									"
17706	71.00	72.54	1.54	0.04	0.13	40	<0.5	13				CERT. #2006
17707	72.54	74.00	1.46									NOT ASSAYED
17708	74.00	75.50	1.50									"
17709	75.50	77.00	1.50									"
17710	77.00	77.75	0.75									"
17711	77.75	78.80	1.05	0.10	0.22	79	<0.5	13				CERT. #2006
17712	78.80	80.09	1.29									

GEOFACT INC.

MINORCA RESOURCES LTD.

NIC-91-2

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 22/04/91
DATE COMPLETED: 22/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-2
BEARING: 180° Az
TOTAL LENGTH: 60m
LOGGED BY: G.LONG

SHEET: 1 OF 4
INCLINATION AT COLLAR: -45°
SCALE:

DIP TESTS
@ 30m 43.5°
@ 60m 42.5°
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	59.97	MEDIUM - COARSE GRAINED GABBRO. MEDIUM TO DARK GREEN COLOR, MOTTLED WITH OFF WHITE PATCHES DUE TO COARSE GRAINED PLAGIOCLASE. COMPOSITION: 60-70% PYROXENE, 30-40% PLAGIOCLASE. ALTERATION: WEAK-MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED. WEAKLY MAGNETIC OVERALL, STRONGLY MAGNETIC LOCALLY. MINERALIZATION: VARIES LOCALLY FROM 1% DISSEMINATED TO SEMI MASSIVE. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE', AND REMOBILIZED STRINGERS. MICROGABBRO — A VERY FINE GRAINED VERSION OF THE ABOVE UNIT.										
0 1.22	1.22	CASING 1.22-6.4 CUMULATE TEXTURE, VERY COARSE GRAINED PYX. AT 2.5m A 1/4" QTZ STRINGER AT 20° TCA.											
		7.0m-8.4m 1% DISS CPY ± 1% DISS Po	9372	7.0	8.4	1.4	0.12	0.11	0.006				
		8.4m-8.7m MICROGABBRO, GRADATIONAL CONTACTS											
		8.7m-10.2m, 8.7-8.44 PLAG FLOODING, 10.06m A STRINGER OF Po, Pn, Py, VARIED IN WIDTH FROM 1mm-1cm AT ≈ 35° TCA.	9373	8.7	10.2	1.5	0.13	0.23	0.021				

DIAMOND DRILL LOG

DDH #: NIC91-2
SHEET: 2 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
10.20	11.00	MAFIC DIKE											
		UPPER CONTACT SHARP AT 10° TCA, LOWER CONTACT AT ≈ 20° TCA.											
		11.0 - 12.2m 1% DISS CPY, ≤ 1% DISS Po OVERALL	9374	11.00	12.20	1.20	0.21	0.17	0.006				
		12.20 - 13.11 1% DISS Po OVERALL, LOCALLY 2% CPY.	9375	12.20	13.11	0.91	0.15	0.31	0.009				
13.11	14.21	PERIDOTITE DIKE (SERPENTINIZED)	9376	13.11	14.21	1.10	0.07	0.12	0.011				
		MAUVE - DARK BLACK COLOR, SOAPY LUSTER, STRONGLY MAGNETIC											
		CONTAINS 1% DISS CPY, MINOR Po, LOCALLY.											
		UPPER CONTACT NOT VISIBLE DUE TO BLOCKY CORE, LOWER CONTACT SHARP AT 45° TCA.											
		15.55 - 16.62 1-2% DISS CPY W/ 2-5% DISS Po OVERALL.	9377	15.55	16.62	1.07	0.15	0.23	0.008				
		16.62 - 17.14 AT 16.70 A SMALL FOLD MINERALIZED W/ 1% Po, TR Py., 2-3% DISS Po, TR CPY IN HOST.	9378	16.62	17.14	0.52	0.12	0.39	0.012				
		AT 18m A .5cm CARBONATE STRINGER AT 50° TCA.											
		FROM 18.30 - 19.50 GROUND CORE, 60% RECOVERY											
		19.52 - 21.00 3-5% F. GR. DISS Py, WEAKLY CARBONATIZED	9379	19.52	21.00	1.48	0.11	0.21	0.007				
		21.00 - 22.50 AS ABOVE, AT 22m FEW CC FILLED HAIRLINE FRACTURES AT 15° TO C.A.	9380	21.00	22.50	1.50	0.15	0.27	0.010				
		23.24 - 24.18 FEW 1.5 cm BANDS OF C. GR GABBRO HOSTED BY A MICROGABBRO. THE BANDS CONTAIN 2% Po, TR CPY AND OCCUR AT ~ 27° TCA. FEW CC FILLED HAIRLINE FRACTURES // THE BANDS.	9381	23.24	24.18	0.92	0.13	0.17	0.006				
		24.18 - 25.00 10 - 30% DISS SULPHIDES OVERALL. 60% OF TOTAL SULPHIDES IS Po, 25% IS CPY, 15% IS Pn (?).	9301	24.18	25.00	0.82	0.27	0.55	0.018	2.50	0.28		
		AT 24.45 A 2mm Py STRINGER AT ~ 30° TCA, AT 24.66 A 4mm QTZ/CC STRINGER AT 60° TCA (?)											
		25.00 - 25.67 25 - 30% DISS SULPHIDES OVERALL CONSISTING OF 15 - 20% Po, 5% CPY, 5% Pn, FEW STRINGERS W/ NO PREFERED ORIENTATION (N.P.O.).	9302	25.00	25.67	0.67	1.62	0.81	0.022	4.00	0.07		

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 3 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm) (%)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		25.67-27.05 NUMEROUS CPY, Po FILLED HAIRLINE FRACTURES OVERALL, HOSTED BY A MED. GR. GABBRO, THE FRACTURES TREND ~40° TCA. AT 25.84 A .5cm CC STRINGER AT 67° TCA.	9382	25.67	27.05	1.38	0.07	0.05	0.003				
		27.05-28.50 FEW SECTIONS OF F. GR. MICROGABBRO W N.P.O. (POSSIBLY AUTOLITHS), FEW 1mm CC STRINGERS AT 20° TCA, ALONG W A FEW CPY, Po FILLED FRACTURES HAVING THE SAME TREND.	9383	27.05	28.50	1.45	0.12	0.14	0.005				
		28.50-29.89 C. GR. GABBRO W 1-2% DISS CPY, MINOR Po LOCALLY AT 29.43 A 2mm CC STRINGER AT 23° TCA AT 29.59 A .5cm CC STRINGER AT 25° TCA. →	9384	28.50	29.89	1.49	0.12	0.07	0.008				
			9385	29.89	31.17	1.28	0.04	0.05	0.003				
			9386	31.17	32.53	1.36	0.03	0.02	0.003				
30.33	32.54	MICROGABBRO UPPER CONTACT RELATIVELY SHARP AT 50° TCA. LOWER CONTACT GRADATIONAL AT ~ 37° TCA.											
		SEMI MASSIVE SULPHIDES HOSTED BY C. GR. GABBRO. 'NET TEXTURE' DUE TO THE SULPHIDES ENCOMPASSING PYROXENE GRAINS. SULPHIDES CONSIST OF 90% Po, 10% Pn, TR CPY.	9303	32.53	33.45	0.92	0.36	3.09	0.08			0.03	0.1
		SAME AS ABOVE, BUT OF THE SULPHIDES WITHIN THE SEMI MASSIVE SECTION THE PROPORTION IS NOW 70% Po, 20% CPY, 10% Pn.	9304	34.10	34.85	0.75	0.44	3.85	0.07			0.16	0.1
		SEMI MASSIVE SULPHIDES. NET TEXTURE. PROPORTION OF SULPHIDES 60% CPY, 30% Po, 10% Pn.	9305	34.85	35.05	0.20	6.21	2.45	0.04			0.03	0.0
		SAME AS ABOVE	9306	35.05	35.31	0.26	0.78	3.78	0.06			0.06	0.0
		SEMI MASSIVE SULPHIDES. PROP. OF SULPHIDES; 80% Po, 10-15% Pn, 5-10% CPY.	9307	35.31	36.40	1.09	0.86	5.38	0.16			NA	NA
			9308	36.40	37.23	0.83	0.46	6.46	0.10			0.07	0.3
		FEW HAIRLINE FRACTURES FILLED W CPY AND Po, TRENDING 30° TCA AND SUB-PARALLEL TCA. THIS SECTION IS SERPENTINIZED.	9387	37.23	38.26	1.03	0.16	0.08	0.007				
		3-5% DISS Po HOSTED BY C. GR. GABBRO	9309	38.26	38.76	0.50	0.60	0.53	0.018				
		1% DISS Po, W LOCAL HAIRLINE FRACTURES FILLED W CPY, TRENDING ~40° TCA.	9388	38.76	40.40	1.64	0.12	0.15	0.006				

DIAMOND DRILL LOG

DDH #: NIC 91-2
SHEET: 4 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
40.40	41.00	MICROGABBRO SHARP UPPER CONTACT AT 43° TCA. SHARP LOWER CONTACT AT 43° TCA.											
		3-5% DISS Po, 2% DISS CPY OVERALL. AT 41.58 A 3-5mm STRINGER OF CPY, Po AT 42° TCA.	9389 9310	40.40 41.34	41.34 42.09	0.94 0.75	0.08 0.42	0.07 0.25	0.005 0.008				
		SAME AS ABOVE	9311	42.09	43.00	0.91	0.16	0.25	0.009				
		5% CPY, 5% Po DISS. OVERALL.	9312	43.00	43.40	0.40	0.25	0.59	0.016				
		AS ABOVE	9313	43.40	44.97	1.57	0.25	0.75	0.019				
		2% DISS CPY, MINOR Po OVERALL	9314	44.97	45.39	0.42	0.06	0.10	0.007				
		15-20% DISS Po.	9390 9315 9391	45.39 46.17 46.75	46.17 46.75 48.00	0.78 0.58 1.25	0.05 0.29 0.14	0.05 0.88 0.04	0.005 0.02 0.003				
		SEMI MASSIVE SULPHIDES. NET TEXTURE, SULPHIDES CONSIST OF 60% Po, 40% CPY	9316	48.00	48.35	0.35	0.29	3.50	0.080				
		AT 48.35 A 5cm GRANITIC DIKE TRENDS AT 45° TCA.											
		LOCALLY SEMI MASSIVE SECTIONS CONTAINING 30% Po, 2-5% CPY, 2% Pn. NET TEXTURE PRESENT IN THESE SECTIONS.	9317 9392	48.35 49.26	49.26 49.61	0.91 0.35	0.47 0.14	1.77 0.24	0.03 0.009				
		10% DISS CPY, 5% DISS Po.	9318 9393	49.61 50.42	50.42 51.38	0.81 0.96	0.19 0.04	1.71 0.06	0.05 0.005				
		OVERALL 10% DISS CPY, 2-5% Po. LOCALLY SEMI MASSIVE W/ Po BEING THE PREDOMINANT SULPHIDE. NET TEXTURE PRESENT. AT 52.20 A DISTINCT BANDING OF THE SULPHIDE ZONE IS PRESENT, TRENDING 45° TCA;	9319 9394	51.38 52.65	52.65 54.10	1.27 1.45	0.32 0.05	1.32 0.04	0.03 0.005				
		LOCALLY MASSIVE SULPHIDE BLEBS CONSISTING OF 60% Po, 40% CPY.	9320	54.10	54.44	0.34	0.91	0.46	0.011				
		AT 54.56 A 4cm BAND OF DISS CPY TRENDS 45° TCA.	9395	54.44	55.38	0.94	0.42	0.09	0.006				
		55.41-55.51 BRECCIATED SECTION W/ MAT SULPHIDES COMPRISING THE MATRIX. 70% CPY, 30% Po, MINOR Pn.	9321	55.37	55.73	0.36	2.18	1.17	0.02				
		LOCALLY 20% DISS SULPHIDES CONSISTING OF MAINLY Po W/ MINOR CPY. AT 56.09 A 5mm SULPHIDE LENS AT 57° TCA.	9322 9396	55.73 56.40	56.40 57.53	0.67 1.13	0.32 0.06	0.43 0.02	0.011 0.004				
		LOCALLY BLEBS OF MASSIVE SULPHIDES. AT 57.60 A 2.5cm LENS AT 44° TCA.	9323 9397	57.53 57.95	57.95 58.96	0.42 1.01	0.18 0.05	0.37 0.03	0.023 0.004				
		LOCAL BLEBS OF Po, CPY, W/ FEW RANDOMLY ORIENTED HAIRLINE FRACTURES.	9324 9398	58.96 59.66	59.66 59.97	0.70 0.31	0.23 0.03	0.68 0.02	0.026 0.005				

MINORCA RESOURCES LTD.

NIC-91-3

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 23/04/91
DATE COMPLETED: 23/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-3
BEARING: 180° Az
TOTAL LENGTH: 81m
LOGGED BY: G. LONG

SHEET: 1 OF 6
INCLINATION AT COLLAR: -65°
SCALE:

DIP TESTS
@ 30m 63.5°
@ TEST AT EOH MISSIN
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	80.26	M: VM - COARSE GRAINED GABBRO MEDIUM TO DARK GREEN COLOR, MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION; 60-70% PYROXENE, 30-40% PLAGIOCLASE ALTERATION; WEAK - MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED. WEAKLY MAGNETIC OVERALL, LOCALLY STRONGLY MAGNETIC. MINERALIZATION; VARIES LOCALLY FROM 1% TO SEMI MASSIVE. SULPHIDES OCCUR AS 'NET TEXTURE' IN THE PRIMARY STATE AND AS STRINGERS WHERE THEY HAVE BEEN REMOBILIZED. THE PRINCIPLE SULPHIDES ARE IN DECREASING ORDER OF ABUNDANCE PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, MINOR Py, Te Mo. MICROGABBRO - IS THE TERM USED FOR THE VERY FINE GRAINED UNIT WITH THE ABOVE MENTIONED COMPOSITION.										
0	1.5	CASING											
		AT 7.32m, WEAK FOLIATION AT 62° TCA. AT 8.83m A 1.5cm CC STRINGER AT 40° TCA. B/N 11.00m - 13.50m NUMEROUS F.GR. SECTIONS DISPERSED AMONG THE C.GR. GABBRO, POSSIBLY MICROGABBRO AUTOLITHS.											

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 2 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		1-2% DISS Po $\bar{w}$ $\leq$1% DISS Py, TR CPY HOSTED BY AN INTERMIX B/N F.GR. AND C.GR. GABBRO (BRECCIA? AUTOLITH?)		12.64	14.18	1.54							
		2% DISS Po $\bar{w}$ TR CPY OVERALL		14.18	15.00	0.82							
		16.52 - 16.77 MAFIC DIKE / ULTRAMAFIC XENOLITH? GRADATIONAL CONTACTS, UPPER AT 45° TCA, LOWER UNCLEAR.											
		2% DISS Po, 1% DISS CPY		17.69	18.24	0.55							
		18.24 - 18.82 PERIDOTITE DIKE (SERPENTINIZED)		18.24	18.82	0.58							
		RELATIVELY SHARP UPPER CONTACT AT 7° TCA. DIFUSE LOWER CONTACT AT ~35° TCA.											
		1-2% DISS Po OVERALL, FEW CC FILLED HAIRLINE FRACTURES RANDOMLY ORIENTED.		18.82	20.00	1.18							
		1-2% DISS Po, $\leq$1% DIS. CPY OVERALL		20.00	21.50	1.50							
		AS ABOVE, FROM 22.27 - 22.36 ZONE OF 40% PLAG TRENDING 44° TCA., WEAK SHEAR AT UPPER CONTACT.		21.50	22.50	1.00							
		LOCALLY 1-2% DISS Po, MINOR CPY.		22.50	24.00	1.50							
				24.00	25.50	1.50							
		LOCALLY WHISPS OF Po $\bar{w}$ CPY, ALONG WITH 1% DISS Po, 1% DISS CPY AT 26M A 3mm STRINGER OF Po, Pn AT 38° TCA.		25.50	26.84	1.34							
		FEW SECTIONS APPEAR TO BE PERIDOTITE XENOLITHS WITHIN THE GABBRO. OVERALL 2-5% DISS Po, $\bar{w}$ 1% DISS CPY LOCALLY.		26.84	28.50	1.66							
		5-10% DISS Po, 1% DISS CPY.		28.50	29.09	0.59							
		29.09 - 30.14 PERIDOTITE DIKE (SERPENTINIZED)											
		UPPER CONTACT SHARP AT 40° TCA LOWER CONTACT SHARP AT 40° TCA.											
		10% DISS Po OVERALL, LOCALLY 1-2% DISS CPY. FEW PERIDOTITE DIKES B/N 30.57 - 30.74 AT 42° (UNMINERALIZED)	9327	30.14	31.50	1.36							

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 3 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		WITHIN THIS SECTION NUMEROUS PERIDOTITE FRGOMENTS OCCUR UP TO 30 cm LONG AND WITH NO PREFERRED ORIENTATION. THE GOBBRO HOSTS 2-5% DISS Po, 1% DISS CPY LOCALLY.	9328	31.50	33.00	1.50	0.20	0.30	0.011				
		B/N 33.23 - 33.57 INJECTIONS OF MASSIVE SULPHIDE. 85% OF WHICH IS Po, 10% Pn, 5% CPY WITH MINOR Mo. TREND, 20° TCA.	9325	33.00	33.80	0.80	0.48	2.48	0.06				
		LOCALLY 2% DISS Po	9329	33.80	34.40	0.60	0.15	0.28	0.011				
		10-20% DISS Po W MINOR CPY, IN BANDS ≈ 20 cm LONG AND TRENDING 50° TCA.	9326	34.40	35.50	1.10	0.43	0.49	0.01				
		10-20% DISS Po, W MINOR CPY FROM 35.50 - 36.00	9330	35.50	36.50	1.00	0.14	0.23	0.007				
		LOCALLY 1-2% F.GR. DISS Po	9331	36.50	38.00	1.50	0.14	0.33	0.013				
		1% C.GR. DISS Po OVERALL W TR CPY LOCALLY	9332	38.00	39	1.50	0.18	0.26	0.010				
		2% DISS Po OVERALL, TR CPY LOCALLY	9333	39.50	40.50	1.00	0.20	0.31	0.010				
		FEW BLEBS OF Po W MINOR Pn AT 41.08. AT 41.37 A SHEAR ZONE TRENDING ≈ 25° TCA SLIGHTLY MINERALIZED W Py.	9334	40.50	42.00	1.50	0.12	0.39	0.010				
		FEW PERIDOTITE INCLUSIONS B/N 42-43m, LOCALLY 2% Po IN HOST.		42.00	43.50	1.50							
		2% F.GR. DISS Po OVERALL, WITH MINOR CPY LOCALLY.		43.50	45.00	1.50							
		45 - 47.30 PERIDOTITE (OR EXTREMELY MAFIC F.GR. GABBRO) UPPER CONTACT IN BROKEN GROUND CORE LOWER CONTACT AT ~65° TCA.											
		45 - 2-3% DISS Po OVERALL		45.00	46.50	1.50							
		2% DISS Po LOCALLY, AT 46.93 A 5mm STRINGER OF Po, Pn AT 67° TCA.		46.50	47.50	1.00							
		NUMEROUS 1-5mm SULPHIDE STRINGERS CONTAINING MAINLY Po AND CPY W MINOR Pn. THIS SECTION IS HIGHLY CARBONATIZED.	9335	47.50	48.50	1.00	0.40	0.14	0.007				

DIAMOND DRILL LOG

DDH #: NIC91-3
SHEET: 4 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		2-5% DISS Po, w 1% DISS CPY LOCALLY. wk-mod CARB.	9337	48.50	49.50	0.50							
		49.50 - 50.34 MICROGABBRO GRADATIONAL UPPER CONTACT SHARP LOWER CONTACT AT 45° TCA. FEW HAIRLINE FRACTURES, CC FILLED, AT 17° TCA.											
		50.56 - 50.61 GRANITIC DIKE AT 50° TCA. 50.83 - 50.90 GRANITIC DIKE AT 47° TCA.											
		51.24 - 51.74 LOCAL PLAGIOCLASE BLEBS CONTAINING MINOR Po AND Pn.											
		51.60 - 52.45 MICROGABBRO GRADATIONAL UPPER CONTACT SHARP LOWER CONTACT AT 20° TCA.											
		NUMEROUS CC FILLED HAIRLINE FRACTURES CONTAINING CPY, Po. TRENDING 22-37° TCA, HOSTED BY A PLAG. RICH GABBROIC SECTION.	9336	52.45	54.00	1.55	0.47	0.07	0.003				
		LOCALLY BLEBS AND WHISPS OF Po w MINOR Pn, A COUPLE OF Po FILLED HAIRLINE FRACTURES AT 33° w TR Mo.	9338	54.00	55.50	1.50	0.06	0.11	0.006				
		FEW BANDS OF DISS. Po AND PY AT 5° TCA.	9339	55.50	56.50	1.00	0.14	0.55	0.028				
		55.70 - 57.60 MICROGABBRO UPPER CONTACT SUB-PARALLEL TCA LOWER CONTACT AT 15° TCA.											
		AT 56.60 A 3cm BAND OF SEMI-MASSIVE Po w Pn, DISPLAYING CUMULATE TEXTURE, AT 20° TCA.	9340	56.50	57.34	0.84	0.12	0.60	0.032				
		AT 57.60 A 1cm BAND OF Po w CPY, // TO THE CONTACT.	9341	57.34	58.00	0.66	0.15	1.24	0.035				
		FEW 2mm BANDS OF Po, CPY AT 70° TCA.		58.00	59.50	1.50							
		FEW RANDOMLY ORIENTED BANDS OF 2-5% DISS Po w MINOR CPY.		59.50	60.50	1.00							

DIAMOND DRILL LOG

DDH #: NIC91-0
SHEET: 5 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		60.70 - 60.73 A BAND OF 30% SULPHIDES (20% CPY, 10% Po) AT 40° TCA. AT 60.86 A 5mm BAND OF MASSIVE Py AND Po AT 55° TCA.		60.50	61.00	0.50							
		LOCALLY 1-2% DISS Po W/ MINOR CPY.		61.00	62.00	1.00							
		AS ABOVE.		62.00	63.30	1.30							
		63.30 - 64.00 MICROGABBRO BOTH UPPER AND LOWER CONTACTS SUB-PARALLEL TCA.											
		64.10 - 64.60 WEATHERED CORE (THE PLAG IS AN OFFWHITE-CREAM COLOR AS IF WEATHERED). GROUND CORE FROM 64.30 - 64.80, 50% RECOVERY.											
		20% DISS Po W/ 5-10% DISS CPY, LOCALLY		64.66	65.50	0.84							
		LOCALLY 1% DISS Po, FEW CC W/ PLAG FILLED FRACTURES AT 15° TCA.		65.50	66.50	1.00							
		66.50 - 68.50 MICROGABBRO GRADATIONAL UPPER CONTACT AT 80° TCA SHARP LOWER CONTACT AT 70° TCA.											
		AT 66.95 A 5mm BAND OF Po + CPY AT 27° TCA.		66.50	67.50	1.00							
		AT 68.10 A 2mm Po, CPY STRINGER AT 43° TCA.		67.50	68.50	1.00							
		AT 68.23 A 2mm Po, CPY STRINGER, DISSEMINATED AT 33° TCA											
		FROM 66.44 - 69.13 PLAG. FLOODED. FROM 68.80 - 69.00 A WEAK FOLIATION AT 55° CONTAINING 2-5% DISS Po.		68.50	69.54	1.04							
		FROM 69.89 - 70.04 PLAG FLOODED, CONTAINS 2% DISS CPY.		69.54	70.50	0.96							
		FROM 70.70 - 70.90 5% DISS Po, 2-5% DISS CPY IN RANDOMLY ORIENTED WISPS AND HAIRLINE FRACTURES. TWO OF THE FRACTURES ARE ⊥ TCA. 71.00 - 71.20 A BAND OF 20% DISS Po W/ 5-10% DISS Py/Pn?, AT 45° TCA.	9342	70.50	71.20	0.70	0.34	0.80	0.016				
		71.33 - 71.57 A SEMI-MASSIVE BAND DISPLAYING CUMULATE TEXTURE AT ~ 50° TCA, MAINLY COMPOSED OF Po AND Pn	9343	71.20	71.70	0.50	0.12	2.28	0.035				

DIAMOND DRILL LOG

DDH #: NIC91-3
SHEET: 6 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 72.00 - 72.11 20-25% DISS Po, TR CPY.	9344	71.70	72.20	0.50	0.26	0.48	0.013				
		72.20 - 73.00 PLAG FLOODED, AT 73.26 A 5mm QTZ/CC STRINGER AT 60° TCA, CONTAINING MINOR Po, Py.		72.20	73.50	1.30							
		72.20 - 75.32 MICROGABBRO (GRADATIONAL CONTACTS)											
		2-5% DISS Po LOCALLY. FEW QTZ STRINGERS // TCA.		73.50	74.50	1.00							
		75.20 - 75.32 5-10% DISS Po, 2% DISS CPY.		74.50	75.77	1.27							
		76.40 - 76.69 10% DISS Py, 5-10% DISS Po, 5-10% DISS CPY.	9345	75.77	76.90	1.13	0.27	0.43	0.01				
		5-10% DISS Po OVERALL.		76.90	78.00	1.10							
		78.85 - 78.88 A QTZ/CC STRINGER W C.GR. BLEBS OF Py, Po W TR CPY AT 30° TCA.		78.00	79.50	1.50							
		AT 79.77 A, 5mm QTZ/CC STRINGER CONTAINING C.GR. BLEBS OF Py W TR Po AT 23° TCA.		79.50	80.26	0.76							
80.26	81.44	GRANITE											
		UPPER CONTACT SHARP AT ~53° TCA											

MINORCA RESOURCES LTD.

NIC-91-4

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 23/04/91
DATE COMPLETED: 23/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-4
BEARING: 180° Az
TOTAL LENGTH: ~~60m~~ 59.5m
LOGGED BY: G. LONG

SHEET: 1 OF 3
INCLINATION AT COLLAR: -45°
SCALE:

DIP TESTS
@ 30m 41°
@ 595m 43.5°
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	57.62	MEDIUM - COARSE GRAINED GABBRO MEDIUM - DARK GREEN COLOR MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION; 60-70% PYROXENE & 30-40% PLAGIOCLASE ALTERATION; WEAK - MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED. WEAKLY MAGNETIC OVERALL, LOCALLY STRONGLY MAGNETIC MINERALIZATION: VARIES LOCALLY FROM 1% TO SEMI-MASSIVE. SULPHIDES OCCUR AS PRIMARY "NET TEXTURE" AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPLE SULPHIDES ARE, IN DECREASING ORDER OF ABUNDANCE, PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY. MICROGABBRO IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	0.60	CASING.											
		AT 3.5m minor MALACHITE PRESENT											
		2% DISS Po OVERALL HOSTED BY A F-MED GR. GABBRO	9346	7.00	8.00	1.00	0.19	0.23	0.0108				
		8.10-8.12 A MAFIC/ULTRAMAFIC XENOLITH.											
		8.64-9.50 5-10% DISS Po OVERALL	9347	8.64	9.50	0.86	0.26	0.37	0.01				
		AS ABOVE	9348	9.50	10.50	1.00	0.23	0.49	0.013				
		AS ABOVE	9349	10.50	12.00	1.50	0.20	0.37	0.010				

DIAMOND DRILL LOG

DDH #:NIC 91-4
SHEET: 2 OF 3

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		PLAG FLOODED, IC. 50% OF HOST IS OF C. GR. PLAG., 2-5% DISS Po OVERALL.	9350	12.00	13.00	1.00	0.24	0.16	0.0349				
		SAME AS ABOVE, W TR CPY LOCALLY.	9351	13.00	14.50	1.50	0.16	0.18	0.0065				
		2-5% DISS Po W 1-2% DISS CPY OVERALL.	9352	14.50	16.00	1.50	0.21	0.38	0.012				
		AS ABOVE...	9353	16.00	17.50	1.50	0.20	0.29	0.0095				
		≤1% DISS Po OVERALL	9354	17.50	18.50	1.00	0.12	0.18	0.006				
		≤1% DISS Po LOCALLY	9355	18.50	20.00	1.50	0.066	0.09	0.006				
		OVERALL 10-15% DISS Po W 2-5% DISS CPY.	9356	20.00	21.00	1.00	0.22	0.66	0.016				
		2-5% DISS Po LOCALLY, TR CPY LOCALLY. A COUPLE OF HAIRLINE FRACTURES FILLED W Py, Po AT 52° TCA AND 33° TCA.	9357	21.00	22.00	1.00	0.12	0.32	0.018				
		10-15% DISS Po W 5-10% DISS CPY OVERALL.	9358	22.00	22.50	0.50	0.40	0.74	0.017				
		FROM 22.50 - 22.70 AS ABOVE, FROM 22.70 - 23.00 . 1-2% C.GR. Po OVERALL	9359	22.50	23.00	0.50	0.10	0.33	0.010				
		1-2% DISS Po OVERALL	9360	23.00	23.50	0.50	0.098	0.21	0.0044				
		1-2% DISS Po OVERALL, AT 23.90 A 1 cm QTZ/CC STRINGER CONTAINING BLEBS OF Po + CPY, AT 57° TCA.	9361	23.50	24.00	0.50	0.069	0.10	0.005				
		≤1% DISS Po LOCALLY.		24.00	25.00	1.00							
		AS ABOVE		25.84	26.84	1.00							
		AT 28.30 A 5mm Po + Py STRINGER AT 40° TCA, ≤1% DISS CPY IN HOST ADJACENT TO BOTH SIDES OF THE STRINGER.	9362	28.00	28.50	0.50	0.11	0.45	0.011				
		28.70 - 34.19 MICROGABBRO											
		GRADATIONAL UPPER CONTACT SHARP LOWER CONTACT AT 40° TCA. LOWER CONTACT IS MINERALIZED W 5-10% 'NET TEXTURED' Po.	9363	33.69	34.19	0.50	0.036	0.11	0.01				
		2-5% DISS Po W 1% DISS CPY, LOCALLY, HOSTED BY & C. GR. PLAG. RICH GABBRO.	9364	34.19	35.00	0.81	0.062	0.096	0.0039				
		CC STRINGER RUNS // TCA FROM ~ 36.50 - 37.70											

DIAMOND DRILL LOG

DDH #: NIC9/-4
SHEET: 3 OF 3

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 37.83-37.95 A GRANITE DIKE AT 52° TCA.											
		FROM 38.67-38.87 A GRANITE DIKE AT 75° TCA											
		40.00-47.20 MICROGABBRO											
		GRADATIONAL UPPER CONTACT											
		" LOWER "											
		39.70 ← LOCALLY 2-5% V.F.GR. DISS Po IN THE MICROGABBRO	9365	39.70	40.85	1.15	0.13	0.32	0.01				
		A SLIGHTLY COARSER GRAINED SECTION. AT 42.20 A 3mm STRINGER OF CPY + Po, ALONG WITH TENSION GASHES FILLED W CPY + Po, TRENDS 30° TCA. (DILATION)	9366	42.00	42.60	0.60	0.160	0.11	0.004				
		FROM 44.60-44.84 A COARSE GRAINED SECTION, TRENDING 10-15° TCA. CONTAINING TR Po, THE HOST CONTAINS ≤1% F.GR. DISS Po LOCALLY.		43.50	45.00	1.50							
		45.62-46.00 A MEDIUM GRAINED SECTION CONTAINING 5-10% DISS Po W 5-10% DISS CPY, TRENDING SUB // TCA.	9367	45.00	46.00	1.00	0.21	0.225	0.0059				
		LOCALLY ≤ 1% V.F.GR. DISS Po.		46.00	46.50	0.50							
		5-10% DISS Po W 2% DISS CPY FROM 48.80-49.00, LOCALLY 1% DISS Po FROM 49.00-50.00	9370	48.70	50.00	1.30	0.35	0.34	0.008				
		AT 52.39 A QTZ STRINGER, 5mm, AT 47° TCA.											
		AT 54.06 A 1cm BAND OF DISS Po W Pn TRENDING 35° TCA.	9368	53.80	54.50	0.70	0.13	0.26	0.008				
		FROM 54.80-54.83 A BAND OF DISS Po + CPY AT 35° TCA	9369	54.50	55.00	0.50	0.088	0.25	0.0067				
		FROM 56.60-56.75, ~10% DISS Po W 1-2% DISS CPY, DISPLAYING NET TEXTURE. AS ABOVE FROM 57.34-57.62, W A 5mm SULPHIDE STRINGER SUB // TCA.	9371	56.50	57.62	1.12	0.15	0.95	0.022				
57.62	59.50	GRANITE											
		SHARP UPPER CONTACT AT 55° TCA.											

MINORCA RESOURCES LTD.

NIC-91-5

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 24/04/91
DATE COMPLETED: 24/04/91

LAT: 16m NORTH
DEP: 33+70 E
ELEVATION:
DDH #: NIC91-5
BEARING: 180° Az
TOTAL LENGTH:
LOGGED BY: G. LONG

SHEET: 1 OF 5
INCLINATION AT COLLAR: -65°
SCALE:

DIP TESTS
@ 30m 62°
@ 69m 62°
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	68.60	MEDIUM - COARSE GRAINED GABBRO MED - DARK GREEN COLOR MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION; 60-70% PYROXENE/OLIVINE, 30-40% PLAGIOCLASE ALTERATION; WEAK - MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED WEAKLY MAGNETIC OVERALL, LOCALLY STRONGLY MAGNETIC MINERALIZATION; VARIES LOCALLY FROM 1% TO SEMI MASSIVE. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPLE SULPHIDES ARE, IN DECREASING ORDER OF ABUNDANCE; PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY. MICROGABBRO IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	1	CASING											
		1 - 11.16 PLAGIOCLASE "FLOODED" OR RICH SECTION. THIS SECTION CONTAINS VERY COARSE GRAINED PLAGIOCLASE AS WELL AS OLIVINE AND PYROXENE, WITH CUMULATE TEXTURE ≤1% DISS Po LOCALLY, AT 5.18 A 3-5mm Po, Py STRINGER	9299	4.49	<1.0	1.00							

DIAMOND DRILL LOG

DDH #: NIC91-5
SHEET: 2 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		11.78 - 13.44 PERIDOTITE (SERPENTINIZED) UPPER CONTACT SHARP AT 57° TCA. LOWER CONTACT SHARP AT 61° TCA.											
		≤ 1% V.F.GR. DISS Po OVERALL		13.44	14.78	1.34							
		14.78 - 15.35 PERIDOTITE (SERPENTINIZED) UPPER CONTACT SHARP AT 42° TCA. LOWER CONTACT SHARP AT 45° TCA											
		2-5% F.GR. DISS Po, MINOR CPY AT 16.22 A 5mm AT 50° TCA.	9400	15.37	16.42	1.05	0.25	0.22	0.01				
		SAME AS ABOVE		17.40	18.12	0.72							
		≤ 1% DISS Po		20.36	21.56	1.20							
		1-2% F.GR. DISS Po OVERALL AT 24.18 A 2mm Po STRINGER AT 55° TCA.		23.28	24.50	1.22							
		≥ 2% F.GR. DISS Po OVERALL		24.50	26.00	1.50							
		FROM 26 - 26.25 A WEAK SHEAR AT 60° TCA, HOST CONTAINS 1-2% F.GR. DISS Po.		26.00	27.50	1.50							
		≤ 1-2% DISS Po, TR Py, TR CPY		27.50	29.00	1.50							
		29.30 - 29.70 5-10% F.GR. DISS Po, TR CPY.		29.00	30.00	1.00							
		2-5% F.GR. DISS Po.		30.00	31.00	1.00							
		AT 31.14 A SUB // TCA, .5-1cm Po, Pn STRINGER., HOST CONTAINS UP TO 10% F.GR. DISS Po.	9401	31.00	31.50	0.50	0.27	0.49	0.014				
		≤ 10% F.GR. DISS Po W TR CPY	9402	31.50	33.00	1.50	0.24	0.40	0.015				
		AS ABOVE BUT LOCALLY.		33.00	34.50	1.50							
		AS ABOVE		34.50	35.50	1.00							
		AT 35.77 A 1cm BLEB OF CPY, OVERALL THE HOST CONTAINS 2% F.GR. DISS Po	9403	35.50	36.00	0.50	0.26	0.30	0.012				

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 3 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		≥ 2% F.GR.DISS Po w/ CPY OVERALL, AT 36.40 A 5mm STRINGER OF MASSIVE Po > CPY > Pn AT 15° TCA SURROUNDED BY 10-15% F.GR.DISS CPY, AND MINOR WHISPS OF CPY > Po.	9404	36.00	37.00	1.00	0.98	0.88	0.023				
		LOCALLY ≥ 2% F.GR.DISS CPY.	9405	37.00	38.00	1.00	0.25	0.38	0.016				
		AS ABOVE	9406	38.00	39.00	1.00	0.15	0.22	0.008				
		2-5% F-M.GR.DISS Po OVERALL	9407	39.00	40.00	1.00	0.19	0.74	0.016				
		AT 40.10 A 1cm STRINGER OF MASSIVE; Po (80%) Pn (20%) AT 61° TCA. AT 40.68 A 5mm STRINGER Po (80-90%) Pn (10-20%) AT 80° TCA, THE HOST CONTAINS ~2% DISS Po OVERALL.	9408	40.00	41.00	1.00	0.19	0.59	0.014				
		AT 41.84 A WEAK SHEAR AT 61° TCA, HOST CONTAINS ≤ 1% DISS Po.	9409	41.00	42.00	1.00	0.36	0.41	0.011				
		5-10% F.GR. DISS Po OVERALL	9410	42.00	42.60	0.60	0.13	0.76	0.019				
		42.60 - 42.88 A GRANITE DIKE UPPER CONTACT SHARP AT 37° TCA. LOWER CONTACT SHARP AT 62° TCA.											
		AT 43.50 A 5mm STRINGER OF Po, Pn AT 55° TCA.	9411	42.88	43.60	0.72	0.25	0.49	0.012				
		43.60 - 44.30 5-10% DISS Po, AT 44.30 A CONTACT AT ~ 10° TCA B/N THE UPPER MED. GRAINED GABBRO AND A MICROGABBRO W/ A GRADATIONAL CONTACT INTO A MED. GR. GABBRO AT ~ 45.00m.	9412	43.60	45.00	1.40	0.56	1.00	0.022				
		≤ 1% F.GR.DISS Po.	9413	45.00	46.00	1.00	0.09	0.07	0.006				
		LOCALLY 2% DISS Po.	9414	46.00	47.00	1.00	0.17	0.12	0.005				
		AS ABOVE, AT ~ 47.35 C.GR. PLAG. SECTION BEGINS. TREND IS ~ 40-50° TCA; WEAK DEFORMATION PRESENT W/ SAME TREND.	9415	47.00	48.00	1.00	0.12	0.41 0.N4	0.011				
		PLAG. FLOODED, W/ 2% DISS Po LOCALLY	9416	48.00	48.50	0.50	0.23	0.76	0.017				
		48.58 - 48.86 A CLUSTER OF RANDOMLY ORIENTED MASSIVE STRINGERS OF Po, Pn AND Py. THIS SECTION HAS AN OVERALL TREND OF ~ 60-65° TCA.	9417	48.50	49.00	0.50	0.24	2.09	0.049				
		49.12 - 50.10 MICROGABBRO (AMPHIBOLITIZED) MOD. SHEARED AT 60° TCA. UPPER CONTACT SHARP AT 45° TCA. LOWER CONTACT SHARP AT 54° TCA. OVERALL ≤ 1% DISS Po.	9418	49.00	50.10	1.10	0.05	0.07	0.004				

DIAMOND DRILL LOG

DDH #: NIC91-0
SHEET: 4 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		≤2% DISS Po LOCALLY, FEW QTZ/CC STRINGERS (1-2mm) AT 40-43° TCA.	9419	50.10	51.00	0.90	0.03	0.04	0.003				
		AS ABOVE BUT LOCALLY 2-5% DISS Po.	9420	51.00	52.50	1.50	0.07	0.14	0.006				
		LOCALLY 1-2% DISS Po, FEW HAIRLINE FRACTURES AT ~52° TCA, FILLED W/ Po > CPY.	9421	52.50	53.10	0.60	0.08	0.16	0.005				
		53.10 – 60.00 MICROGABBRO.											
		SHARP UPPER CONTACT, 15° TCA.											
		SHARP LOWER CONTACT, 79° TCA.											
		THIS SECTION CONTAINS NUMEROUS BANDS OF PLAGIOCLASE W/ UP TO 40% ACICULAR CRYSTALS OF OLIVINE IN SUSPENSION. LOCATIONS AND TRENDS AS FOLLOWS;											
		53.59-53.67 UPPER CONTACT (U.C.) SHARP AT 61° TCA. LOWER CONTACT (L.C.) SHARP AT 65° TCA											
		53.77-53.90 U.C. SHARP AT 50° TCA. L.C. SHARP AT 45° TCA.											
		54.01-54.04 U.C. SHARP AT 70° TCA. L.C. PARALLEL TO U.C.											
		54.87-54.98 U.C. SHARP AT 45° TCA. L.C. SHARP AT 33° TCA. CONTAINS 1% DISS Po LOCALLY.											
		AT 55.10 A 1mm FRACTURE SUB// TCA, W/ PY											
		55.85-56.09 U.C. RELATIVELY SHARP AT 60° TCA. L.C. " " " 75° TCA.											
		56.15-56.33 U.C. SHARP AT 34° TCA L.C. SHARP AT 17° TCA., AT 56.33 A SMALL ≤1mm FRACTURE AT 54° TCA, DISPLACES THE PLAG ZONE.											
		57.29-57.46 RELATIVELY SHARP U.C. AT 30° TCA. " " L.C. AT 43° TCA.											
		57.95-58.19 U.C. SHARP AT 22° TCA. L.C. SHARP AT 65° TCA.											
		AT 59.64 A 1cm GRANITE STRINGER ⊥ TCA.											

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 5 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		59.81-59.82 A BAND OF DISS PY, CPY AT 55° TCA.											
		LOCALLY 2% DISS PY, PO.	9422	62.50	63.50	1.00	0.04	0.06	0.003				
		SAME AS ABOVE	9423	63.50	64.35	0.85	0.09	0.26	0.007				
		64.35-68.60 MICROGABBRO (DARK GREEN-ALMOST BLACK LOCALLY)											
		U.C. SHARP AT 77° TCA.											
		L.C. SHARP AT 49° TCA.											
		66.00-66.10 A COUPLE OF 1mm SULPHIDE FILLED FRACTURES TRENDING 40°±5° TCA. (PY>CPY). FROM 66.10-66.50 LOCALLY 2% DISS PY, PO TR CPY	9424	66.00	66.50	0.50	0.21	0.15	0.014				
		FROM 68.46-68.60 A BAND OF 10-15% DISS PO, PY AT 49° TCA. (// TO GRANITE CONTACT) AT 68.46 A SMALL, 1mm, WHITE REACTION RIM OR MARGIN, // TO THE GRANITE CONTACT	9425	68.10	68.60	0.50	0.15	0.35	0.01				
68.60	69.54	68.60-69.54 (EOH) GRANITE											
		- SLIGHTLY PORPHYRITIC											
		- FOLIATED AT 60°, ±3°, TCA. FROM 69.00m-DOWN											
		- U.C. SHARP AT 49° TCA.											
		12 BOXES OF CORE STORED IN ROUYN-NORANDA QC											

MINORCA RESOURCES LTD.

NIC-91-6

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 24/04/91
DATE COMPLETED: 24/04/91

LAT: 16 METERS NORTH
DEP: 11+20 E
ELEVATION:
DDH #: NIC91-6
BEARING: 180° Az
TOTAL LENGTH: 77m
LOGGED BY: G. LONG

SHEET: 1 OF 6
INCLINATION AT COLLAR: -50°
SCALE:

DIP TESTS
@ 30.5m 48.5°
@ 77m 44°
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	76.86	MEDIUM TO COARSE GRAINED GABBRO MED. DARK GREEN COLOR, MOTTLED OFF-WHITE DUE TO PLAGIOCLASE. COMPOSITION: 60-70% PYROXENE/OLIVINE, 30-40% PLAG. ALTERATION: WEAK-MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED, SERPENTINIZED. OVERALL WEAKLY MAGNETIC, LOCALLY STRONGLY MAGNETIC. MINERALIZATION: VARIES LOCALLY FROM ≤ 1% DISSEMINATED TO SEMI-MASSIVE TO MASSIVE. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPAL SULPHIDES ARE, IN DECREASING ORDER OF ABUNDANCE: PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY. MICROGABBRO – IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	0.60	CASING											
		2.95 – 7.90 MICROGABBRO VERY GRADATIONAL UPPER CONTACT, LOWER CONTACT SHARP AT 30° TCA. ≥ 2-5% DISS PO W MINOR CPY	9426	12.84	14.00	1.16	0.12	0.10	0.005			

DIAMOND DRILL LOG

DDH #: NIC91-6
SHEET: 2 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		SAME AS ABOVE	9427	14.00	15.00	1.00	0.15	0.17	0.0063				
		SAME AS ABOVE	9428	15.00	16.00	1.00	0.18	0.17	0.0055				
		" " "	9429	16.00	17.00	1.00	0.14	0.23	0.007				
		" " " AT 17.50 FEW LARGE (5-10mm) BLEBS OF CPY, Po ⩒ Tr Mo.	9430	17.00	17.69	0.69	0.21	0.37	0.013				
		17.69 - 18.84 MICROGABBRO U.C. SHARP AT 61° TCA L.C. SHARP AT 47° TCA -LOCALLY >2% DISS Po	9431	17.69	18.84	1.15	0.12	0.16	0.006				
		B/N 19.30-19.50 1-2% F.Gr. DISS Po.	9432	18.84	20.35	1.51	0.11	0.16	0.007				
		2-5% DISS Po ⩒ MINOR CPY, AT 20.66 A 5mm Po, CPY, QTZ STRINGER AT 53° TCA., AT 21.49 A 2mm Po BAND AT 70° TCA.	9433	20.35	21.67	1.32	0.28	0.43	0.011				
		FROM 21.67 - 23.00 ALMOST SEMI-MASSIVE OVER THE ENTIRE WIDTH. PRIMARY TEXTURE IS EVIDENT AS ROUNDED - SUBANGULAR OLIVINE XLS APPEAR TO FLOAT IN A MATRIX OF SULPHIDES WHICH ARE COMPOSED OF MAINLY Po ⩒ ~ 25% OF TOTAL SULPHIDES BEING Pn. OVERALL TREND OF THIS ZONE IS ~ 46° TCA.	9434	21.67	23.00	1.33	0.50	2.80	0.055			0.03	0.2
		OVERALL 10-20% MED-C.Gr. DISS Po, CPY COMBINED. 23.34-23.40 IS A BAND OF SEMI-MASSIVE Po > CPY > Pn, TRENDING ~ 28° TCA.	9435	23.00	24.00	1.00	0.43	0.98	0.019			0.05	0.1
		2-5% DISS Po ⩒ MINOR CPY, OVERALL	9436	24.00	25.00	1.00	0.40	0.39	0.011			0.02	<0.0
		25.00-25.50 1-2% DISS Po, 25.82-26.00 1-2% DISS Po	9437	25.00	26.00	1.00	0.24	0.33	0.0095			0.04	0.1
		26.00-26.17 MASSIVE Po (80%), Pn (20%) ⊥ TCA., 26.37-26.39 SEMI-MASSIVE BAND OF Po, Pn, ⊥ TCA. AT 26.47 A 5mm STRINGER OF Po, Pn AT 38° TCA. THE HOST CONTAINS 5-10% C.Gr. DISS Po ⩒ CPY (= TO 1% OF THE TOTAL)	9438	26.00	27.00	1.00	0.60	1.88	0.036			0.12	0.5
		10-25% M-C.Gr. DISS Po, CPY. THE Po CONTAINS VARYING AMOUNTS OF Pn.	9439	27.00	28.00	1.00	0.70	2.20	0.041			0.02	0.1
		28.00-28.33 5-10% M-C.Gr. DISS Po, AT 28.34 A 2mm Po STRINGER AT 40° TCA. 28.46-28.58 A SERPENTINIZED PERIDOTITE XENOLITH? 28.61-28.63 A Py, Po STRINGER AT 70° TCA. 28.71-28.76 A SERPENTINIZED PERIDOTITE XENOLITH ⩒ AN UNALTERED CORE?	9440	28.00	29.00	1.00	0.19	1.06	0.028				

DIAMOND DRILL LOG

DDH #: N1C91-6
SHEET: 3 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		29.39 - 29.50 ~20% DISS Po W/ FEW MASSIVE SECTIONS W/ SOMEWHAT OF A PREFERED ORIENTATION OF 60-65° TCA. 29.50-29.86 10-15% F.GR. DISS Po.	9441	29.00	30.00	1.00	0.39	1.17	0.024				
		30.50 - 30.95 10% F.GR. DISS, AT 31.23 AND 31.24 1mm CPY FILLED FRACTURES TRENDING 15° AND 37° TCA RESPECTIVELY	9442	30.00	31.50	1.50	0.195	0.28	0.007				
		20-25% C.GR. DISS Po AND CPY, W/ A C.GR. PLAG. RICH CUMULATE TEXTURED ZONE.	9443	31.50	33.00	1.50	0.65	0.71	0.016				
		AS ABOVE BUT W/ 10-15% DISS SULPHIDES	9444	33.00	34.00	1.00	0.28	0.54	0.013				
		FROM 34.05 - 34.53 A SEMI-MASSIVE ZONE OF Po, Pn W/ 'NET TEXTURE'.	9445	34.00	35.00	1.00	0.25	1.49	0.029				
		AT 35.17 A 1cm Po, Pn STRINGER ⊥ TCA, FROM 35.17 - 35.60 15-20% F.GR. DISS Po, W/ TR CPY.	9446	35.00	35.70	0.70	0.21	1.10	0.027				
		35.70 - 40.73 MICROGABBRO (V.F. GRAINED - DARK GREY-BLACK COLOR) GRADATIONAL UPPER AND LOWER CONTACT.											
		35.70 - 36.60 LOCALLY 1-2% F.GR. DISS Po IN BANDED FORM W/ ~~[illegible]~~ NO PREFERED ORIENTATION.	9447	35.70	37.00	1.30	0.097	0.10	0.005				
		UNMINERALIZED	9448	37.00	38.28	1.28	0.039	0.013	0.003				
		FROM 38.30 - 38.62 SEMI-MASSIVE Po, Py, Pn W/ CUMULATE TEXTURE (IE. OLIVINE GRAINS FLOATING IN A SULPHIDE MATRIX), THIS SECTION HAS A TREND OF 25° TCA.	9449	38.28	38.73	0.45	0.14	2.99	0.044				
		TR Po LOCALLY, BASICLY UNMINERALIZED.	9450	38.73	40.00	1.27	0.027	0.027	0.009				
		FROM 40.28 - 40.50 10-20% V.F. GR. DISS Po, MINOR CPY TRENDING ~39° TCA.	9451	40.00	40.73	0.73	0.097	0.27	0.008				
		5-10% M.GR. DISS Po OVERALL, IN CUM. TEXT.	9452	40.73	41.50	0.77	0.21	0.265	0.009				
		TR DISS Po LOCALLY	9453	41.50	42.30	0.80	0.099	0.057	0.005				
		10-20% DISS Po OVERALL, WITHIN THIS AMOUNT IS 1-2% CPY LOCALLY. A WEAK FOLIATION PRESENT AT ~50-55° TCA.	9454	42.30	43.61	1.31	0.80	1.06	0.023				

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 4 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		43.61- 44.50 MICROGABBRO											
		U.C. RELATIVELY SHARP AT 46° TCA.											
		L.C. GRADATIONAL.											
		44.24- 44.31 MASSIVE Po(85%), Pn(15%) STRINGER AT 52° TCA. 44.34- 44.37 AS ABOVE BUT ⊥ TCA.	9455	43.61	44.50	0.89	0.10	1.95	0.038				
		TR Po, CPY LOCALLY	9456	44.50	45.27	0.77	0.11	0.059	0.004				
		45.31- 45.33 A Po, Pn STRINGER AT 10° TCA. HOST CONTAINS TR SULPHIDES.	9457	45.27	46.22	0.95	0.13	0.078	0.0044				
		46.22- 46.73 MICROGABBRO											
		U.C. WEAK, AT 30° TCA											
		L.C. " , AT 30° TCA AND MINERALIZED W/ 2% V.F.GR. Po	9458	46.22	46.73	0.51	0.034	0.022	0.0035				
		AT 47.83 A 5mm QTZ/CC STRINGER AT 37° TCA. AT 48.93 A 5-10mm QTZ/CC STRINGER AT 80° TCA. BOTH CONTAIN MINOR Po.	9459	46.73	48.00	1.27	0.054	0.12	0.004				
		LOCALLY 2% F.GR. DISS Po, CPY.	9460	48.00	49.50	1.50	0.10	0.12	0.0035				
		50.08- 50.10 A PY, Po, CPY STRINGER AT 5° TCA (SUB //). FROM 50.36- 50.44 A QTZ STRINGER AT ~59° TCA, CONTAINING NUMEROUS BLEBS OF PY AND Po. 50.36- 50.82 APPEARS TO BE A MINERALIZED FAULT ZONE TRENDING ~ 60° TCA.	9461	49.50	50.90	1.40	0.11	0.17	0.015				
		50.90- 54.29 MICROGABBRO											
		U.C. SHARP AT 13° TCA											
		L.C. SHARP AT (BUT IRREGULAR AT 45° TCA)											
		TR Po LOCALLY	9462	50.90	52.50	1.60	0.061	0.54	0.005		CGA# 2865		↓
		53.23- 53.45 ≤1% F.GR. DISS Po	9463	52.50	53.55	1.05	0.071	0.056	0.0040				
		AT 53.86 A 2-5mm Po, PY STRINGER AT 28° TCA.	9464	53.55	54.29	0.74	0.28	0.15	0.0075				
		B/N 54.13- 55.00 B/N 15-25% V.F.GR. DISS Po, CPY W/ W NET TEXTURE. THE SULPHIDES APPEAR TO HAVE A TREND ~ 11 TCA.	9465	54.29	55.00	0.71	0.96	1.64	0.027				
		55.00- 55.24 20-30% F.GR. DISS Po W NET TEXTURE. 55.40- 55.57 A MORE MAFIC LAYER OF GABBRO TRENDING 30-35° TCA. 55.57- 56.00 20-30% F.GR. DISS Po W NET TEXTURE.	9466	55.00	56.00	1.00	0.14	1.52	0.033				

DIAMOND DRILL LOG

DDH #: NIC91-6
SHEET: 5 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		20-30% F-M.GR.DISS Po ŵ NET TEXTURE	9467	56.00	57.00	1.00	0.16	1.97	0.030				
		SAME AS ABOVE, FEW 1cm BLEBS OF Po, Pn PRESENT.	9468	57.00	58.10	1.10	0.47	1.38	0.027				
		58.10 - 61.56 MICROGABBRO											
		RELATIVELY SHARP UPPER CONTACT AT 30° TCA. SHARP LOWER CONTACT AT 61° TCA.											
		58.73 - 58.77 2-5% DISS Po ZONE TRENDING 35° TCA.	9469	58.10	59.10	1.00	0.039	0.039	0.004				
		59.40 - 59.75 PLAGIOCLASE RICH ZONE, ŵ NET TEXTURED SULPHIDES, ~10% MAINLY Po ŵ MINOR CPY, TRENDING SUB// TCA (~7°). FROM 60.37 - 60.68 PLAG. RICH ZONE TRENDING ⊥ TCA ŵ ~5% DISS Po, CPY LOCALLY.	9470	59.10	60.68	1.58	0.34	0.23	0.006				
		FROM 60.88 - 61.10 A GRANITIC DIKE/SILL AT, U.C. IS AT 25° TCA, L.C. IS AT 15° TCA.	9471	60.68	61.56	0.88	0.12	0.057	0.004				
		LOCALLY 2-5% DISS Po. TR SULPHIDES	9472	61.56	63.00	1.44	0.051	0.081	0.003				
		63.95 - 65.12 MICROGABBRO	9473	63.00	63.95	0.95	0.023	0.011	0.001				
		U.C. SHARP AT 50° TCA. L.C. GRADATIONAL, BUT PLACED AT 65.12, TRENDING 37° TCA, AS OUTLINED BY A 2mm BAND OF SULPHIDES.											
		B/W 64.26 - 64.83 ~20-25% V.F.GR. NET TEXTURED, Po, Py ŵ A 1cm Py BAND AT 64.67, TRENDING 45° TCA.	9474	63.95	65.12	1.17	0.15	1.23	0.035				
		AT ~66.00m, A WEAK PREFFRED ORIENTATION TO THE Qz, PLAG XLS, AT 55-60° TCA.	9475	65.12	66.50	1.38	0.048	0.033	0.002				
		67.37 A 5mm QTZ/CC STRINGER AT 40° TCA; FROM 67.55 - 68.10 A 5-10mm QTZ/CC STRINGER SUB// TCA. BOTH STRINGERS ARE MINERALIZED ŵ LOCALLY 2-5% Po ŵ CPY, AND BOTH HAVE STRONGLY CARBONATIZED ALTERATION RIMS.	9476	66.50	68.10	1.60	0.13	0.27	0.008				
		68.26 - 68.43 2-5% F.GR.DISS. Po, AT 68.27 A 5mm, CPY, Po STRINGER AT 25° TCA.	9477	68.10	69.60	1.50	0.078	0.10	0.003				
		JR Po LOCALLY, 69.90 - 71.14 MICROGABBRO AT 50° TCA.	9478	69.60	71.00	1.40	0.028	0.018	0.002				

DIAMOND DRILL LOG

DDH #: NIC91-6
SHEET: 6 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FEW HAIRLINE FRACTURES CC. FILLED, AT ~ 25° TCA AND 45° TCA. HOSTING A MINOR AMOUNT OF SULPHIDES.	9479	71.00	72.50	1.50	0.038	0.04	0.002				
		FROM 73.50 - 74.00 WK-MOD DEFORMED SUBH TCA W 1% EUHEDRAL RECRYSTALLIZED PY.	9480	72.50	74.00	1.50	0.04	0.075	0.0045				
		TR Po, CPY LOCALLY	9481	74.00	75.50	1.50	0.026	0.010	0.0015				
		TR Po. LOCALLY	9482	75.50	76.86	1.36	0.026	0.014	0.0015				
		E.O.H. 76.86 m											
		14 CORE BOXES STORED IN ROUYN - NORANDA, QC.											

MINORCA RESOURCES LTD.

NIC-91-7

GEOFACT INC

DIAMOND DRILL LOG

AREA: LAKE NICOBI
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 24/04/91
DATE COMPLETED: 25/04/91

LAT: 16 METERS NORTH
DEP: 11+20 E
ELEVATION:
DDH #: NIC91-7
BEARING: 180°Az
TOTAL LENGTH: 78.08m
LOGGED BY: G. LONG

SHEET: 1 OF 5
INCLINATION AT COLLAR: -70°
SCALE:

DIP TESTS

@ 30.5m	67°
@ 61 m	70° (FALSE TEST)
@ 78m	60°
@	
@	
@	

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	78.08	MEDIUM - COARSE GRAINED GABBRO MED - DARK GREEN COLOR, MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION: 60-70% PYROXENE/OLIVINE, 30-40% PLAG. ALTERATION; WEAK - MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED, LOCALLY SERPENTINIZED. OVERALL WEAKLY MAGNETIC, LOCALLY STRONGLY MAGNETIC. MINERALIZATION: VARIES LOCALLY FROM ≤ 1% DISSEMINATED TO SEMI-MASSIVE, TO MASSIVE. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPAL SULPHIDES ARE, IN DECREASING ORDER OF ABUNDANCE; PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLYBDENUM. MICROGABBRO - IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	0.60	CASING.											
		13.41 - 14.15 MICROGABBRO U.C. ~~SHARP~~ AT GRADATIONAL. L.C. OBLITERATED BY GROUND CORE AT ~ 14.15m											
		≤ 1% DISS Po LOCALLY.	9483	15.00	16.50	1.50	0.14	0.23	0.006				
		LOCALLY ≥ 2% F.GR. DISS Po.	9484	16.50	17.89	1.39	n/c	n/c	-				

DIAMOND DRILL LOG

DDH #: NC91-
SHEET: 2 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		LOCALLY 1-2% DISS Po.	9485	17.89	19.00	1.11	0.10	0.11	0.005				
		AS ABOVE, FROM 19.78-20.11 A PERIDOTITE (SERPENTINIZED) DIKE/SILL UPPER CONTACT DIFUSE, LOWER CONTACT SHARP AT 30° TCA. (COULD ALSO BE A PARTIALLY DIGESTED XENOLITH.)	9486	19.00	20.50	1.50	0.18	0.34	0.011				
		CONTAINS FEW SERPENTINIZED PERIDOTITE XENOLITHS, 3-10 cm's IN LENGTH. LOCALLY ≤ 1% DISS Po.	9487	20.50	22.00	1.50	0.14	0.34	0.011				
		2-5% F.GR. DISS Po LOCALLY.	9488	22.00	23.50	1.50	0.18	0.28	0.009				
		SAME DESC. AS 9487, BUT $\bar{w}$ 2-5% DISS. Po LOCALLY	9489	23.50	25.00	1.50	0.14	0.28	0.01				
		LOCALLY 2% DISS. Po.	9490	25.00	26.50	1.50	0.15	0.35	0.012				
		FROM 26.90-27.23 SERPENTINIZED PERIDOTITE DIKE/SILL/XENO. U.C. SHARP AT 15° TCA, L.C. DIFUSE. HOST CONTAINS ≤ 1% DISS Po OVERALL.	9491	26.50	28.00	1.50	0.16	0.33	0.011				
		28.64-28.94 BLEACHED / ~~SERP~~ SERPENTINIZED?, ⊥ TCA. HOST CONTAINS 2-5% F.GR. DISS Po, LOCALLY.	9492	28.00	29.50	1.50	0.20	0.24	0.008				
		29.70-31.00 SERPENTINIZED, NO MINERALIZATION VISIBLE.	9493	29.50	31.00	1.50	0.13	0.17	0.011				
		31.00-32.20 SERPENTINIZED, $\bar{w}$ 2% DISS Po IN THE LESS ALTERED SECTIONS.	9494	31.00	32.50	1.50	0.10	0.22	0.009				
		2-5% F.GR. DISS. Po OVERALL	9495	32.50	34.00	1.50	0.18	0.31	0.011				
		AMPHIBOLITIZED, $\bar{w}$ ≥ 2-5% DISS Po, TR CPY, $\bar{w}$ A COUPLE OF 5-10 mm BLEBS OF Po.	9496	34.00	34.50	0.50	0.16	0.79	0.017				
		≥ 10% F.GR. Po AS FRACTURE FILL AND NET TEXTURE, HAIRLINE FRACTURES AT ~ 50° AND // TCA (≤ 1% CPY OVERALL)	9497	34.50	35.00	0.50	0.80	0.90	0.017				
		AT 35.00 A 1-2 cm STRINGER OF Po (70-80%), Pn (20-30%) AT 22° TCA (THIS IS THE GENERAL ORIENTATION, IT VARIES AT DIFF. SECTIONS OF THE STRINGER.) THE HOST ROCK CONTAINS ≤ 10% DISS Po.	9498	35.00	35.45	0.45	0.21	2.30	0.04				
		35.45-~~36.85~~ PERIDOTITE (SERPENTINIZED) U.C. SHARP ⊥ TCA. L.C. SHARP, 37° TCA. , TR Po.	9499	35.45	36.50	1.05	0.08	0.16	0.01				

DIAMOND DRILL LOG

DDH #: N109-7
SHEET: 3 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		~5% F.GR.DISS Po OVERALL. AT 36.78 A 5mm CC STRINGER SUB// TCA CONTAINS BLEBS OF CPY AS WELL AS DISS CPY.	9500	36.50	37.00	0.50	0.70	0.70	0.018				
		≥10% F.GR.DISS Po OVERALL, AT 37.54 A 3mm Py STRINGER AT 62° TCA.	9501	37.00	38.00	1.00	0.15	0.33	0.012				
		38-38.45 PERIDOTITE, U.C. ⊥ TCA., L.C. AT 30° TCA.	9502	38.00	39.00	1.00	0.17	0.98	0.022				
		38.45-39.00, ≥20% NET TEXTURED Po, W TR CPY											
		≥25% NET TEXTURED Po W AS MUCH AS 2-5% CPY LOCALLY.	9503	39.00	40.00	1.00	1.09	0.72	0.015				
		39.94-39.97 A Po>Pn STRINGER AT 46° TCA. (MINOR CPY.) LOCALLY ≥10% DISS Po W MINOR CPY. AT 40.29 A 1mm Po STRINGER ⊥ TCA. AT 40.58 A 5-10mm BAND OF Po, Pn AT 30° TCA. AT 40.85 A 2mm BAND OF Po AT 62° TCA.	9504	40.00	41.00	1.00	0.19	0.60	0.02				
		41-42 2-5% DISS Po, 42-42.50 ≤10% DISS Po, TR CPY.	9505	41.00	42.50	1.50	0.14	0.57	0.015				
		42.76 A 1cm PLAG STRINGER ⊥ TCA., 42.88 A 2mm Po STRINGER ⊥ TCA. 42.88-43.22 ≥20% NET TEXTURED Po, Py. AT 43.32 A 1mm Po STRINGER ⊥ TCA. AT 43.38 A 2-3mm Po STRINGER AT 63° TCA. AT 43.40 A 1cm Po, Pn STRINGER AT 52° TCA. AT 43.60 THE UPPER CONTACT OF A SULPHIDE ZONE AT 23° TCA, CONTAINING ≥25% NET TEXTURED Po>CPY.	9506	42.50	44.00	1.50	0.35	1.08	0.026				
		FROM 44.30-44.41 A GRANITIC DIKE AT 65° TCA, CONTAINS 1-2% DISS Po, AS WELL AS A 1cm Py STRINGER AT THE U.C. // W THE CONTACT. THE HOST CONTAINS ≥25% F.GR. NET TEXTURED Po W MINOR CPY. FROM 45.36-45.58 A SERPENTINIZED PERIDOTITE DIKE(?) U.C. DIFFUSE, L.C. RELATIVELY SHARP AT 35° TCA.	9507	44.00	45.58	1.58	0.22	0.70	0.018				
		OVERALL ≥10% V.F.GR. DISS Po. AT 46.20 THE UPPER LIMIT OF A 2-5mm Po, Pn, CPY, Mo STRINGER, RUNNING SUB// TCA. AT THE BASE OF THIS STRINGER IS A 1.5cm BLEB OF Py, Po, Pn, CPY, Mo.	9508	45.58	47.00	1.42	0.16	0.32	0.01				
		≤1% DISS Po LOCALLY.	9509	47.00	48.00	1.00	0.13	0.07	0.005				
		5-10% DISS Po W TR CPY, OVERALL	9510	48.00	49.50	1.50	0.21	0.39	0.011				
		AS ABOVE, AT 50.44 A 1cm Po>Py>CPY STRINGER AT	9511	49.50	51.00	1.50	0.24	0.42	0.017				

DIAMOND DRILL LOG

DDH #: NB91-
SHEET: 4 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		AT 51.27 A 5mm Po>CPY? Py/Pn? STRINGER ⊥ TCA. FROM 51.32-51.50 A SERPENTINIZED PERIDOTITE DIKE/SILL	9512	51.00	52.50	1.50	0.27	0.50	0.018				
		TRENA, 80° TCA. CONTAINS A FEW EUHEDRAL Py CUBES. W MINOR Po. AT 52.07 A 1mm CPY STRINGER AT 30° TCA. AT 52.08 A 2-5mm Py STRINGER AT 70° TCA. AT 52.19 A 3mm Py STRINGER AT 47° TCA. AT 52.50 A 1mm Py, CPY STRINGER AT 12° TCA.											
		10-15% DISS Po, MINOR CPY, OVERALL. FROM 53.16-53.22 A QTZ STRINGER AT 45° TCA, CONTAINING MINOR Py, Po W TRMO.	9513	52.50	53.22	0.77	0.20	0.62	0.015				
		53.22-54.50 MICROGABBRO											
		U.C. SHARP AT 45° TCA. L.C. GRADATIONAL, FROM 53.32-53.34 A QTZ STRINGER AT 60° TCA. CONTAINING MINOR Po, Py, CPY W TR Mo. AT THE CONTACTS, WITHIN THE HOST 2-5% DISS Po W MINOR CPY AND MINOR Mo.	9514	53.22	54.50	1.28	0.18	0.10	0.007				
		5-10% F.GR. DISS Po, CONTAINING ≤ 1% DISS CPY OVERALL. AT 55.30 A 5mm QTZ STRINGER AT 55° TCA, CONTAINING MINOR Po+Py.	9515	54.50	56.00	1.50	0.25	0.15	0.005				
		OVERALL ≤ 1% F.GR. DISS Po. AT 56.04, A 10cm BAND OF 5-10% DISS. CPY AT 33° TCA.	9516	56.00	57.00	1.00	0.14	0.33	0.002				
		2-5% F.GR. DISS Po, CONTAINING ~1% DISS CPY, OVERALL. AT 57.00 A 1mm Po, CPY STRINGER AT 26° TCA. AT 57.21 A 1cm Po>Py>Pn STRINGER AT 58° TCA.	9517	57.00	57.96	0.96	0.20	0.51	0.011				
		57.96-59.55 MICROGABBRO	9518	57.96	59.55	1.59	0.06	0.04	0.003				
		U.C. SHARP AT 35° TCA. L.C. GRADATIONAL, BUT DISTINCT AT 50° TCA. AMPHIBOLITIZED, DISTINCT FOLIATION AT ~40° TCA. FROM 59.12 TO 59.26 A GRANITIC DIKE W U.C. AT 32° TCA, L.C. AT 40° TCA. THIS UNIT IS WEAKLY MINERALIZED W ≤1% V.F.GR. Py/Po?											
		LOCALLY ≤ 1% F.GR. DISS Po. NUMEROUS CC FILLED HAIRLINE FRACTURES FROM 20-30° TCA.	9519	59.55	61.00	1.45	0.14	0.04	0.003				
		SAME AS ABOVE BUT W ≥2% DISS Po LOCALLY.	9520	61.00	62.50	1.50	0.22	0.39	0.009				
		62.58-63.00 ≥ 25% Po, CPY (50/50) W NET TEXTURE. AT FROM 63.48-63.51 A 'BLEB' OF SEMI-MASSIVE CPY, W Po. FROM 63.57-63.62, 10-20% F.GR. DISS CPY, ROUGHLY ORIENTED	9521	62.50	64.00	1.50	0.59	0.72	0.014				

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 5 OF 5

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 64.38 - 67.30 10-25% NET TEXTURED, Po > CPY ± LOCAL SEMI-MASSIVE SECTIONS (1-2cm IN WIDTH).	9522	64.00	65.50	1.50	0.20	0.89	0.015				
		≥ 20% DISS Po ± Py AND TR CPY, ± NET TEXTURE.	9523	65.50	67.00	1.50	0.20	0.91	0.015				
		67.27 - 68.15 MICROGABBRO	9524	67.00	68.50	1.50	0.23	0.70	0.011				
		U.C. SHARP AT 19° TCA. L.C. SHARP AT 32° TCA. THE LOWER CONTACT IS MARKED BY AN 8cm SEMI-MASSIVE SECTION CONTAINING 6 Po>CPY>Py/Fn's, // TO THE CONTACT. AT 68.38 A 1cm QSEB STRINGER ± MASSIVE Po, Pn, AT 32° TCA.											
		NUMEROUS, RANDOMLY ORIENTED, CC FILLED FRACTURES. TR SULPHIDES IN HOST. AT 69.50 A 1mm QTZ STRINGER ⊥ TCA. FROM 69.54 - 70.00 5-10% F.GR. DISS Po, TR CPY.	9525	68.50	70.00	1.50	0.18	0.05	0.012				
		OVERALL ≥ 20% F.GR. DISS Po ± NET TEXTURE. FROM 70.70 - 70.78 AN ALMOST SEMI-MASSIVE ZONE TRENDING 30° TCA.	9526	70.00	71.50	1.50	0.14	1.05	0.024				
		FROM 71.55 - 71.58 ~ 20% DISS Po, CPY WITHIN A WEAK SHEAR ZONE AT 40° TCA. LOCALLY ≥ 5-10% DISS Po	9527	71.50	73.00	1.50	0.089	0.29	0.009				
		72.93 - 75.54 MICROGABBRO	9528	73.00	74.50	1.50	0.06	0.10	0.005				
		U.C. SHARP ~ // TCA. L.C. VERY GRADATIONAL. CONTAINS NUMEROUS HAIRLINE 1mm FRACTURES, CC FILLED, ~ 30° TCA, FEW CONTAIN MINOR Py.											
		AT 75.03 A 5mm QTZ STRINGER AT 20° TCA. ± A 1-2mm BAND OF Py, Po // TO THE LOWER CONTACT. B/N 75.20 - 75.50 GROUND CORE, 60% RECOVERY.	9529	74.50	75.54	1.04	0.12	0.41	0.013				
		≥ 10-20% DISS Po ± MINOR CPY LOCALLY	9530	75.54	77.00	1.46	0.27	0.29	0.008				
		77.00 - 77.50 AS ABOVE.	9531	77.00	78.08	1.08	0.17	0.13	0.005				
		E.O.H. 78.08											
		14 BOXES OF CORE STORED IN ROUYN-NORANDA, QC											

MINORCA RESOURCES LTD.

NIC-91-8

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 25/04/91
DATE COMPLETED: 25/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-8
BEARING: 180° Az
TOTAL LENGTH: 84.79m
LOGGED BY: G. LONG

SHEET: 1 OF 4
INCLINATION AT COLLAR: -50°
SCALE:

DIP TESTS
@ 46m 44°
@ 85m 43°
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	84.79	MEDIUM-COARSE GRAINED GABBRO MED-DARK GREEN COLOR, MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION: 60-70% PYROXENE/OLIVINE, 30-40% PLAG. ALTERATION: WEAK-MODERATELY CARBONATIZED, LOCALLY AMPHIBONITIZED, SERPENTINIZED. OVERALL WEAKLY MAGNETIC, LOCALLY STRONGLY MAGNETIC. MINERALIZATION: VARIES LOCALLY FROM <1% DISSEMINATED TO SEMI-MASSIVE, TO MASSIVE. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPAL SULPHIDES ARE IN DECREASING ORDER OF ABUNDANCE; PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY. MICROGABBRO - IS THE TERM USED FOR THE FINE GRAINED OF THE ABOVE MENTIONED UNIT.										
0	1.83	CASING											
		<1% N.F.GR. DISS Po OVERALL, AT 14.18 A 1cm Py, Po STRINGER AT 45° TCA.	9532	14.00	15.50	1.50	0.06	0.10	0.01				
		2-5% DISS Po OVERALL	9533	15.50	17.00	1.50	0.16	0.14	0.006				
		AS ABOVE.	9534	17.00	18.00	1.00	0.18	0.18	0.010				

DIAMOND DRILL LOG

DDH #: NIC 11-C
SHEET: 2 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (nn
		PLAG. RICH SECTION, 2-5% DISS Po OVERALL.	9535	18.00	19.00	1.00	0.18	0.18	0.007				
		FROM 19.00 – 28.00 F-MED GRAINED GABBRO W VERY GRADATIONAL CONTACTS.											
		LOCALLY 2% DISS Po W TR CPY	9536	19.00	20.50	1.50	0.21	0.17	0.006				
		≤ 1% DISS Po LOCALLY.	9537	20.50	22.00	1.50	0.18	0.14	0.006				
		1-2% DISS Po OVERALL.	9538	22.00	23.50	1.50	0.33	0.35	0.10				
		FROM 23.91-24.49 SERPENTINIZED ZONE, ⊥ TCA., CONTAINING MINOR Po, CPY. AT 24.66 A 5mm QTZ STRINGER AT 52° TCA.	9539	23.50	25.00	1.50	0.12	0.15	0.006				
		25.00-25.50 PLAG. RICH ZONE ≈ 70° TCA., THE SAME FROM 26.50-27.00. TR SULPHIDES OVERALL	9540	25.00	27.00	2.00	0.04	0.03	0.003				
		FROM 27.40-28.07 SERPENTINIZED GABBRO. THIS ZONE HAS A SHARP UPPER CONTACT AT 30° TCA. AND A SHARP LOWER CONTACT ⊥ TCA. ≤ 1% Po OVERALL.	9541	27.00	28.07	1.07	0.04	0.08	0.006				
		PLAG RICH, C. GR. GABBRO W ≤ 1% DISS Po OVERALL.	9542	28.07	29.50	1.43	0.06	0.06	0.003				
		AS ABOVE.	9543	29.50	31.00	1.50	0.06	0.07	0.004				
		≤ 1% DISS Po OVERALL, TR CPY LOCALLY	9544	31.00	32.50	1.50	0.06	0.04	0.003				
		AS ABOVE	9545	32.50	34.00	1.50	0.04	0.02	0.003				
		AS ABOVE	9546	34.00	35.53	1.53	0.04	0.02	0.003				
		FROM 35.53-35.58 MICROGABBRO, U.C. SHARP AT 63° TCA. L.C. SHARP AT 25° TCA. FROM 36.74-37.00 GROUND CORE ~60% RECOVERY. OVERALL ≤ 1% DISS Po, EXCEPT IN THE MICROGABBRO WHICH IS UNMINERALIZED.	9547	35.53	37.00	1.47	0.16	0.09	0.005				
		38.13-38.47 MICROGABBRO, SHARP U.C. AT 35° TCA., SHARP L.C. AT 40° TCA. THE HOST ROCK CONTAINS 2% DISS Po LOCALLY.	9548	37.00	38.50	1.50	0.05	0.05	0.005				
		FROM 39.04-40.25 MICROGABBRO. SHARP U.C. AT 25° TCA. THE L.C. IS MARKED BY A SULPHIDE HORIZON WHICH IS ⊥ TCA. TR SULPHIDES WITHIN THE MICROGABBRO WHILE THE C.GR. HOST CONTAINS 2% DISS Po.	9549	38.50	40.00	1.50	0.08	0.04	0.004				

DIAMOND DRILL LOG

DDH #: NIC91-8
SHEET: 3 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 40.05 - 40.24, BOTTOM OF THE SMALL MICROGABBRO UNIT, THIS SECTION CONTAINS 25% SULPHIDES AS FRACTURE FILL W Po>Py. ORIENTED ⊥ TCA.	9550	40.00	40.50	0.50	0.20	1.60	0.032				
		FEW 1-3mm Po>Py STRINGERS AT 25° TCA AND ⊥ TCA. LOCALLY 2-5% F.GR. DISS Po W TR CPY.	9551	40.50	42.00	1.50	0.07	0.17	0.008				
		2% DISS Po LOCALLY	9552	42.00	43.50	1.50	0.08	0.07	0.004				
		FROM 43.58 - 43.67 A FELSITIC DIKE AT 35° TCA. HOST ROCK CONTAINS <1% DISS Po, TR CPY LOCALLY.	9553	43.50	45.00	1.50	0.09	0.06	0.004				
		FROM 45.57 - 45.65 A DISS. SULPHIDE STRINGER CONTAINING ~20% Po AND 5-10% CPY AND TRENDING 60° TCA. FROM 46.00 - 46.45 ≥20% DISS. SULPHIDES W CPY > Po.	9554	45.00	46.45	1.45	0.49	0.34	0.010				
		46.45 - 50.12 MICROGABBRO U.C. RELATIVELY SHARP AT 35° TCA. L.C. VERY GRADATIONAL BUT W A FAINT TREND OF ~ 45° TCA.											
		47.10 - 47.14 A MASSIVE Po>Py>Pn STRINGER AT ~35° TCA. BELOW THIS, FROM 47.14 - 47.47, 10-20% F.GR. DISS. Po>CPY.	9555	46.45	47.50	0.95	0.32	0.80	0.056				
		TR SULPHIDES.	9556	47.50	49.00	1.50	0.052	0.025	0.003				
		LOCALLY ≤ 1% F.GR. DISS Po	9557	49.00	50.12	1.12	0.09	0.04	0.004				
		FROM 50.27 - 50.78 ~ 10% DISS Po, MINOR CPY. AT 50.56 A 5mm Py, Po QTZ STRINGER AT 35° TCA.	9558	50.12	51.00	0.88	0.20	0.11	0.007				
		51.24 - 52.50 SERPENTINIZED 2-5% F.GR. DISS Po OVERALL	9559	51.00	52.50	1.50	0.16	0.22	0.008				
		OVERALL 1-2% F.GR. DISS Po W 5-10% DISS Po, TR CPY LOCALLY.	9560	52.50	54.00	1.50	0.22	0.26	0.009				
		2% DISS Po LOCALLY.	9561	54.00	55.50	1.50	0.29	0.24	0.008				
		FROM 55.95 - 56.84 PLAG RICH (1 ~ 70% OF THE GABBRO IS PLAG). THE ZONE HAS A TREND OF ~ 52° TCA. AT THE U.C. AND ~ 70° AT THE L.C. 2% F.GR. Po, Py OVERALL.	9562	55.50	57.00	1.50	0.21	0.08	0.015				
		57.09 - 58.46 SAME COARSE GRAINED PLAG RICH ZONE AS ABOVE U.C. AT 58° TCA., L.C. AT 60° TCA. 1-2% DISS Po OVERALL	9563	57.00	58.50	1.50	0.16	0.16	0.005				

DIAMOND DRILL LOG

DDH #: NIC91-8
SHEET: 4 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		LOCALLY 2% DISS Po	9564	58.50	60.50	2.00	0.19	0.15	0.005				
		FROM 60.44 - 60.93 C. GRAINED, PLAG RICH AS PREVIOUS ZONES TRENDING ~ 52° TCA. OVERALL ≤ 1% DISS Po	9565	60.50	62.00	1.50	0.03	0.03	0.003				
		FROM 62.95 - 63.25 A QTZ STRINGER, CONTAINING ACICULAR OLIVINE GRAINS, SUB // TCA. HOST ROCK CONTAINS TR SULPHIDES	9566	62.00	63.50	1.50	0.02	0.01	0.003				
		SERPENTINIZED AND/OR BLEACHED, LOCALLY 2% DISS Po.	9567	63.50	65.00	1.50	0.02	0.03	0.003				
		AS ABOVE, FROM 66.13 - 66.37 A GRANITIC DIKE AT ~ 26.5° TCA. HOST ROCK CONTAINS TR SULPHIDES.	9568	65.00	66.50	1.50	0.06	0.05	0.003				
		FROM 66.82 - 67.12 A PLAG RICH ZONE (QTZ?) CONTAINING 60-70% ACICULAR - ANHEDRAL OLIVINE XLS, TRENDING ~ 26° TCA. FROM 67.00 - 68.00 ~ 10% F. GR. DISS Po OVERALL, FEW SMALL RANDOMLY ORIENTED QTZ/CC STRINGERS PRESENT IN THE SECTION.	9569	66.50	68.00	1.50	0.25	0.16	0.006				
		≥ 10% F. GR. DISS Po OVERALL. FEW RANDOMLY ORIENTED QTZ/CC STRINGERS.	9570	68.00	69.50	1.50	0.21	0.09	0.004				
		FROM 69.70 - 69.90 A Py, QTZ/CC STRINGER SUB // TCA. MINOR SULPHIDES IN THE HOST.	9571	69.50	71.00	1.50	0.03	0.02	0.004				
		FEW 5 MM, WEAKLY MINERALIZED, QTZ/CC STRINGERS // AND SUB // TCA. HOST CONTAINS TR Po.	9572	71.00	72.50	1.50	0.02	0.01	0.002				
		AS ABOVE. FROM 72.87 - 72.89 AND 72.97 - 72.98 QTZ STRINGERS AT 52° TCA. THE ROCK B/N THESE STRINGERS HAS BEEN SILICIFIED. THE HOST ROCK CONTAINS TR Po LOCALLY.	9573	72.50	74.00	1.50	0.01	0.01	0.002				
		C. GRAINED, PLAG. RICH. TR Po OVERALL.	9574	74.00	75.50	1.50	0.02	0.01	0.002				
		AS ABOVE.	9575	75.50	77.00	1.50	0.01	0.01	0.001				
		AS ABOVE.	9576	77.00	78.50	1.50	0.01	0.01	0.002				
		AS ABOVE	9577	78.50	80.00	1.50	0.01	0.01	0.002				
		AS ABOVE	9578	80.00	81.50	1.50	0.01	0.01	0.002				
		AS ABOVE, AT 83.10 A QTZ/CC STRINGER AT 33° TCA.	9579	81.50	83.00	1.50	0.01	0.01	0.002				
		AS ABOVE.	9580	83.00	84.79	1.79	0.01	0.01	0.002				
		EOH 84.79 M											
		15 BOXES OF CORE STORED IN ROUYN-NORANDA, QC.											

MINORCA RESOURCES LTD.

NIC-91-9

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE.
DATE STARTED: 25/04/91
DATE COMPLETED: 25/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-9
BEARING: 180° Az
TOTAL LENGTH: 98.32
LOGGED BY: G. LONG

SHEET: 1 OF 7
INCLINATION AT COLLAR: -70°
SCALE:

DIP TESTS
@ 46m 65°
@ 98m 67°
@
@
@
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METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	98.32	MEDIUM - COARSE GRAINED GABBRO MED - DARK GREEN COLOR, MOTTLED OFFWHITE DUE TO PLAGIOCLASE COMPOSITIONS: 60-70% PYROXENE/OLIVINE, 30-40% PLAG. ALTERATION: WEAK - MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED, SERPENTINIZED. OVERALL WEAKLY MAGNETIC, LOCALLY STRONGLY MAGNETIC. MINERALIZATION: VARIES LOCALLY FROM ≤ 1% DISSEMINATED, TO SEMI-MASSIVE, TO MASSIVE SULPHIDES. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPAL SULPHIDES ARE IN ORDER OF DECREASING ABUNDANCE: PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY, MICROGABBRO - IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	0.61	CASING											
		≤ 1% F.GR. DISS Po	9581	0.61	2.00	1.39	0.02	0.01	0.002				
		From 2.19-2.21 A BAND OF 20% Py, Po AT 30° TO C. AT 2.40 A 1cm BLEB OF Py. From 2.44-3.00 5-10% V. F.GR. DISS Po.	9582	2.00	3.00	1.00	0.09	0.06	0.004				
		LOCALLY 2-5% F.GR. DISS. Po.	9583	3.00	4.50	1.50	0.10	0.09	0.004				

DIAMOND DRILL LOG

DDH #: NIC91-9
SHEET: 2 OF 7

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		OVERALL 1-2% F.GR. DISS Po. AT 5.02 A 5mm QTZ/CC STRINGER AT 40° TCA, CONTAINING A BLEB OF Py.	9584	4.50	6.00	1.50	0.08	0.04	0.003				
		AT 6.00 A EUHEDRAL Py CUBE 1 cm². AT 6.32 A 2mm MINERALIZED QTZ/CC STRINGER AT 40° TCA. FROM 7.05-7.21 A WEATHERED ZONE CAUSED BY FRACTURING/FAULTING (GROUND CORE, 70% RECOVERY) OVERALL THE INTERVAL CONTAINS 1-2% DISS Po TR CPy LOCALLY.	9585	6.00	7.50	1.50	0.10	0.05	0.003				
		1-2% V.F.GR. DISS Po OVERALL	9586	7.50	9.00	1.50	0.03	0.01	0.002				
		AS ABOVE	9587	9.00	10.50	1.50	0.03	0.02	0.002				
		AS ABOVE. FROM 11.52-11.76, FULL OF VUGS. OXIDATION IS PRESENT BUT NO APPARENT DEFORMATION, ASIDE FROM A WEATHERED OUT FRACTURE FROM 11.50-11.52, // TCA	9588	10.50	12.00	1.50	0.05	0.04	0.003				
		1-2% F.GR. DISS Po OVERALL. FEW 1-2mm SULPHIDE STRINGERS AT ~40° TCA.	9589	12.00	13.50	1.50	0.03	0.04	0.004				
		2-5% F-C.GR DISS Po, Py LOCALLY	9590	13.50	15.00	1.50	0.13	0.09	0.004				
		≤1% DISS SULPHIDES.	9591	15.00	16.50	1.50	0.06	0.05	0.002				
		AS ABOVE	9592	16.50	18.00	1.50	0.11	0.10	0.003				
		AS ABOVE	9593	18.00	19.50	1.50	0.07	0.07	0.003				
		LOCALLY 2% C.GR. DISS Po	9594	19.50	21.00	1.50	0.10	0.07	0.003				
		FROM 21.25-22.40 ≥ 10% F.GR. DISS Po.	9595	21.00	22.50	1.50	0.15	0.29	0.004				
		≤1-2% DISS Po LOCALLY.	9596	22.50	24.00	1.50	0.06	0.03	0.002				
		LOCALLY 2% F.GR. DISS Po	9597	24.00	25.50	1.50	0.04	0.02	0.001				
		LOCALLY 5% F.GR. DISS Po	9598	25.50	27.00	1.50	0.17	0.11	0.002				
		AT 27.97 A 5mm QTZ, Po STRINGER AT 80° TCA. FROM 28.04-28.13 A SERPENTINIZED SECTION (PERIDOTITE?) AT ~50° TCA. OVERALL THE HOST ROCK CONTAINS 1-2% F.GR. DISS Po	9599	27.00	28.50	1.50	0.17	0.23	0.004				

DIAMOND DRILL LOG

DDH #: NIC9J-C
SHEET: 3 OF 7

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 28.50 - 28.90 A WEAK FOLIATION AT 50° TCA. FROM 28.50-29.50, 2-5% V.F.GR. DISS Po.	9600	28.50	30.00	1.50	0.20	0.18	0.003				
		OVERALL 10% F.GR. DISS Po, AT 31.00 A 3mm CPY STRINGER AT 12° TCA.	9601	30.00	31.00	1.00	0.47	0.30	0.004				
		31.31-31.53 SERPENTINIZED PERIDOTITE, ⊥ TCA.	9602	31.00	32.50	1.50	0.10	0.06	0.004				
		AT 32.36 A 3mm QTZ/CC STRINGER CONTAINING MINOR CPY, ⊥ TCA. THE HOST CONTAINS < 1% DISS Po.											
		AT 32.60 A 2mm Py STRINGER 80° TCA. FROM 33.04-33.16 PLAG RICH, ⊥ TCA. FROM 32.00-32.70 10% F.GR. DISS Po.	9603	32.50	34.00	1.50	0.16	0.20	0.006				
		FROM 33.93-34.17 PLAG RICH ZONE, W 60% OLIVINE XLS AND PLAG AS THE MATRIX. TREND ~ 80° TCA.	9604	34.00	35.50	1.50	0.08	0.05	0.004				
		FROM 34.26-34.41 AS ABOVE, AT 40° TCA AND CONTAINING ≤ 1% DISS Po. CONTACTS W HOST ROCK ARE GRADATIONAL.											
		FROM 34.58-34.76 AS ABOVE, AT 25° TCA. W MINOR Po:											
		FROM 35.00-35.37 AS ABOVE BUT WITH NO PREFERED ORIENTATION, AND ≤ 1% DISS Po.											
		FROM 35.57-35.61 QTZ STRINGER W XENOLITHIC INCLUSIONS AT 55° TCA. AT 35.67 A 2cm QTZ STRINGER AT 55° TCA W MINOR CPY. HOST CONTAINS 1-2% V.F.GR. DISS Po OVERALL.	9605	35.50	37.00	1.50	0.19	0.28	0.007				
		FROM 37.20-37.58 PLAGIOCLASE FLOODED W MILKY QUARTZ INJECTIONS. THIS ZONE HAS AN OVERALL TREND OF ~ 45° TCA. THIS SECTION CONTAINS BRECCIA FRAGMENTS. FROM 37.58-38.08 5-10% F.GR. DISS Po	9606	37.00	38.50	1.50	0.13	0.18	0.005				
		OVERALL 1-2% F.GR. DISS Po, FROM 39.64-39.96 A STRONGLY CARBONATIZED SECTION W FEW CC FILLED HAIRLINE FRACTURES RANDOMLY ORIENTED.	9607	38.50	40.00	1.50	0.19	0.20	0.005				
		OVERALL 2-5% F.GR. DISS Po. AT 40.52 A 4mm BAND OF DISS Po, Pn AT 68° TCA. AT 40.85 A 2mm STRINGER OF Po, Py AT 31° TCA. AT 41.09 A 5mm-1cm STRINGER OF Po > Py > Pn AT 39° TCA. FROM 41.45-41.48 A Po > Py > Pn STRINGER AT 52° TCA.	9608	40.00	41.50	1.50	0.18	0.41	0.010				

DIAMOND DRILL LOG

DDH #: NIC91-9
SHEET: 4 OF 7

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 41.82-41.97 A SERPENTINIZED PERIDOTITE DIKE? W/ AN ~ TREND OF 30° TCA. OVERALL ≤2% V.F.GR. DISS. Po	9609	41.50	43.00	1.50	0.13	0.28	0.009				
		FROM 43.35-43.39 SERPENTINIZED PERIDOTITE DIKE? AT ~80° TCA AT 43.92 A 3mm CC STRINGER AT 59° TCA. HOST ROCK CONTAINS ≤2% F.GR. DISS Po OVERALL.	9610	43.00	44.50	1.50	0.24	0.36	0.011				
		44.50-45.20 ≤2% F.-M.GR. DISS Po, FROM 45.20-45.83 A SERPENTINIZED PERIDOTITE DIKE/SILL. U.C. AT ~65° TCA. L.C. GRADATIONAL.	9611	44.50	45.83	1.33	0.14	0.24	0.008				
		10-20% NET TEXTURED Po, CPY (CPY IS 2-5% OF TOTAL SULPHIDES LOCALLY)	9612	45.83	46.65	0.82	0.38	1.05	0.02				
		≥2% F.GR. DISS Po OVERALL. 47.79-47.94 MASSIVE Po>Pn>CPY STRINGER AND WHISPS TREND 39° TCA.	9613	46.65	48.00	1.35	0.13	0.57	0.012				
		48.19-48.25 MASSIVE Po, Pn BLEBS AND WHISPS, WITH NO PREFERED ORIENTATION. AT 48.30 A 1mm CPY STRINGER AT 38° TCA. FROM 48.39-48.50 ≥25% DISS - SEMI-MASSIVE Po, Pn W/ TR CPY, HAVING AN ~ TREND OF 52° TCA. AT 48.62 A 1cm BAND OF ~20% DISS Po, Pn W/ MASSIVE BLEBS, AT 47° TCA. AT 48.78 A 5mm Po>Pn>CPY STRINGER AT 60° TCA. AT 48.82 A Po, Pn STRINGER (2mm) AT 45° TCA. AT 49.02 A 5mm Po, Pn STRINGER, 67° TCA.	9614	48.00	49.50	1.50	0.31	0.94	0.016				
		5-10% DISS Po W/ MINOR CPY	9615	49.50	51.00	1.50	0.34	0.48	0.012				
		LOCALLY ≥5% DISS Po, AT 51.94 A 2-10mm Po>Py STRINGER ⊥ TCA. AT 52.41 A 1cm QTZ/CC STRINGER AT 51° TCA.	9616	51.00	52.50	1.50	0.13	0.20	0.006				
		LOCALLY ≥5% DISS Po. AT 52.88 A 2mm Po, Py STRINGER ~80° TCA.	9617	52.50	54.00	1.50	0.15	0.10	0.003				
		≤1% DISS Po OVERALL. AT 54.19 A 5mm Po STRINGER AT 53° TCA	9618	54.00	55.00	1.00	0.06	0.16	0.005				
		OVERALL ≥20% F.GR. NET TEXTURED Po>CPY. AT 56.61 A 1cm Po>Py STRINGER, 28° TCA.	9619	55.00	57.00	2.00	0.16	1.29	0.036				

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 5 OF 7

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		LOCALLY ≥ 10% NET TEXTURED Po. AT 57.40 A 5mm QTZ/CC STRINGER AT 33° TCA, CONTAINS Po, Py. AT 57.69 A 2-5mm Po > Pn/Py? STRINGER AT 18° TCA. AT 58.03 A 1cm MASSIVE Po, Py STRINGER, ⊥ TCA. FROM 58.19-58.29 A BAND OF 5-10% DISS Po AT 18° TCA.	9620	57.00	58.50	1.50	0.08	0.50	0.015				
		FROM 59.34-59.41 A QTZ/CC STRINGER ẅ MASSIVE Po, Py, Pn AT 40° TCA.	9621	58.50	60.00	1.50	0.03	0.46	0.013				
		TR SULPHIDES LOCALLY. AT 60.97 A 1cm QTZ/CC STRINGER AT 25° TCA.	9622	60.00	61.50	1.50	0.05	0.05	0.002				
		TR SULPHIDES LOCALLY. AT 61.78 A 5mm QTZ STRINGER ẅ Po, Py, AT 33° TCA.	9623	61.50	63.00	1.50	0.06	0.10	0.004				
		63.54-64.00 MICROGABBRO U.C. RELATIVELY SHEARED AT 52° TCA L.C. " " AND SUB // TCA. HOST ROCK CONTAINS ≤ 1% DISS Po LOCALLY.	9624	63.00	64.50	1.50	0.08	0.07	0.003				
		TR SULPHIDES LOCALLY	9625	64.50	65.50	1.00	0.02	0.01	0.001				
		FROM 65.70-65.97 SILICIFIED, ẅ 10-20% f.gr. Po AND MINOR CPY.	9626	65.50	66.50	1.00	0.31	0.51	0.011				
		FEW CC FILLED HAIRLINE FRACTURES ẅ ALTERATION RIMS, NO PREFERED ORIENTATION.	9627	66.50	68.00	1.50	0.04	0.06	0.003				
		68.06-69.43 MICROGABBRO U.C. SHEARED AT 15° TCA. L.C. SHEARED AT 35° TCA. 68.50-69.00 AMPHIBOLITIZED, WEAKLY SHEARED 80° TCA. 68.81-68.83 A MILKY QTZ STRINGER AT 80° TCA. LOCALLY ≥ 2% DISS Po, Py.	9628	68.00	69.50	1.50	0.06	0.01	0.004				
		69.54-69.58 A MILKY QTZ STRINGER ẅ MAFIC INCLUSIONS AND ≤ 1% Po > Py, AT 53° TCA. OVERALL 1-2% DISS Po LOCALLY.	9629	69.50	71.00	1.50	0.04	0.09	0.003				
		FROM 72.04-72.40 ≥ 20% DISS AND NET TEXTURED Po ẅ MINOR CPY	9630	71.00	72.50	1.50	0.09	0.19	0.004				
		FROM 72.66-72.68 A QTZ STRINGER AT 32° TCA AND CONTAINING 5% DISS Py + 5% DISS CPY. THE HOST ROCK CONTAINS ≤ 2% f.gr. DISS Po OVERALL.	9631	72.50	73.61	1.11	0.11	0.10	0.003				

DIAMOND DRILL LOG

DDH #: NIC91-0
SHEET: 6 OF 7

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		73.61 - 86.17 MICROGABBRO											
		U.C. SHARP AT 26° TCA.											
		L.C.											
		OVERALL THIS UNIT IS MODERATELY FRACTURED AND HEALED BY CARBONATE AND QTZ/CARB.											
		NUMEROUS CC FILLED HAIRLINE FRACTURES, TRENDING BW 35-45° TCA. AT 74.35 A 1cm CC + Po STRINGER AT 60° TCA, CROSSCUT BY A Py, Po STRINGER AT 40° TCA.	9632	73.61	75.00	1.39	0.04	0.05	0.005				
		AT 75.37 A QTZ/CC STRINGER W DISS Py, AT 57° TCA. AT 75.61 A 2-10mm QTZ/CC STRINGER W BLEBS OF Py, AT 38° TCA.	9633	75.00	76.50	1.50	0.05	0.04	0.003				
		FEW CC FILLED HAIRLINE FRACTURES TRENDING B/W 40-60° TCA. AT 77.32 A 5mm QTZ/CC STRINGER CONTAINING MASSIVE Py BLEBS, TRENDS 46° TCA.	9634	76.50	78.00	1.50	0.05	0.08	0.004				
		FEW CC FILLED FRACTURES. B/W 79.30 - 79.50 THESE FRACTURES TREND ~47° TCA, W ONE 1cm STRINGER AT 80° TCA.	9635	78.00	79.50	1.50	0.06	0.07	0.003				
		FROM 79.58 - 80.75 C.GR. GABBRO	9636	79.50	80.75	1.25	0.03	0.02	0.002				
		U.C. SHARP, DEFINED BY A QTZ STRINGER, AT 20° TCA.											
		L.C. SHARP AT 32° TCA.											
		LOCALLY ≤ 1% DISS Po IN THIS SECTION.											
		NUMEROUS HAIRLINE FRACTURES CC FILLED RANDOMLY ORIENTED, FEW ARE SUB// TCA.	9637	80.75	82.50	1.75	0.06	0.05	0.003				
		AT 82.61 A 1.5cm BAND OF Py (SEMI-MASSIVE) AT 27° TCA. NUMEROUS CC FILLED 1mm FRACTURES AT 32° TCA.	9638	82.50	83.50	1.00	0.09	0.22	0.018				
		TR SULPHIDES, FAINT FRACTURING.	9639	83.50	85.00	1.50	0.05	0.04	0.005				
		AS ABOVE.	9640	85.00	86.17	1.17	0.15	0.06	0.005				

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 7 OF 7

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		86.17 - MED-CR. GR. GABBRO.											
		A ZONE OF SEMI-MASSIVE TO MASSIVE SULPHIDES. TYPICAL CUMULATE 'NET TEXTURE' DOMINATES THIS SECTION OF Po > Py > Pn. THE ZONE HAS A WELL DEFINED TREND W/ A DISTINCT UPPER CONTACT AT 23° TCA, AND A DISTINCT LOWER CONTACT AT 22° TCA.	9641	86.17	87.37	1.20	0.57	3.98	0.07				
		FEW SECTIONS OF 2% DISS Po, TRENDING ~ 45° TCA.	9642	87.37	89.00	1.63	0.07	0.10	0.004				
		OVERALL TR SULPHIDES, AT 89.59 A 5mm CC STRINGER AT 20° TCA. B/W 90.25 - 90.40 GROUND CORE, 80% RECOVERY.	9643	89.00	90.50	1.50	0.06	0.06	0.003				
		AT 90.55 A 4mm CC STRINGER AT 20° TCA. ≤ 1% Po IN HOST, LOCALLY.	9644	90.50	91.74	1.24	0.09	0.04	0.003				
		FROM 91.74 - 92.00 A MINERALIZED ZONE TRENDING ~ 40° TCA. 91.88 - 91.96 MASSIVE Po W/ Py AND CPY SECTIONS, WITHIN THIS SECTION OCCURS A 3.5 cm² Py CUBE.	9645	91.74	92.50	0.76	0.22	0.56	0.05				
		TR SULPHIDES OVERALL.	9646	92.50	94.00	1.50	0.01	0.01	0.002				
		1-2% DISS Po, Py LOCALLY, FEW 1mm CC STRINGERS AT 10° TCA. (SUB //)	9647	94.00	95.50	1.50	0.06	0.22	0.005				
		96.65 - 96.81 A QTZ/CC "FLOODED" ZONE AT ~ 47° TCA, CONTAINING MASSIVE Po, Pn AND CPY.	9648	95.50	97.00	1.50	0.13	0.32	0.006				
		FROM 97.71 - 97.80 A BAND OF 5-10% V.F.GR. DISS Po AT ~ 46° TCA. 5% C.GR. Po, Py LOCALLY WITHIN THIS SAMPLE INTERVAL.	9649	97.00	98.32	1.32	0.14	0.54	0.008				
		98.32 m EOH.											
		17 BOXES OF CORE STORED IN ROUYN-NORANDA, QC.											

MINORCA RESOURCES LTD.

NIC-91-10

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 25/04/91
DATE COMPLETED: 26/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-10
BEARING: 180° Az
TOTAL LENGTH: 142.94
LOGGED BY: G. LONG

SHEET: 1 **OF** 6
INCLINATION AT COLLAR: -50°
SCALE:

DIP TESTS
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METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
0	3.66	CASING											
3.66	70.44	INTERMEDIATE - MAFIC METAVOLCANICS.											
70.44	142.94	FINE - COARSE GRAINED GABBRO.											
		E.O.H. 142.94m											
3.66	70.44	INTERMEDIATE - MAFIC METAVOLCANICS											
		B/N 8.00 - 12.00m DIKES/SILLS OF PLAG RICH (40-60%) GABBRO FROM 10 - 100 cm IN WIDTH TREND FROM 40-60° TCA. FEW SECTIONS OF THE HOST APPEAR CHLORITIZED.											
		FROM 26.20 - 26.88 MODERATELY SHEARED, BOUDINAGED PLAG PRESENT, TREND ~ 45° TCA.											

DIAMOND DRILL LOG

DDH #: N1C91-1C
SHEET: 2 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		AT 27.14 WHAT APPEAR TO BE SHEARED PILLOWS. THE SELVAGE IS DISTINCT AND SHEARED AT 30° TCA.											
		AT 27.87 A GRANITE STRINGER AT 30° TCA.											
		FROM 29.30 - 29.50 A CARBONATIZED ZONE TRENDING (LOOKS LIKE A STRETCHED PILLOW, BECAUSE OF A MORE MAFIC 1/4" RIM BOUNDING THE CARBONATIZED SECTION) 15° TCA. TR EUHEDRAL PY PRESENT.											
		AT 32.00M A PILLOW (?) W/ IT'S TAIL ⊥ TCA AND THE SELVAGE // AND SUB// TCA.											
		OVERALL THIS "FLOW UNIT" IS AMPHIBOLITIZED AND M-C. GRAINED											
		FROM 35.55 - 35.56 AND 35.63 - 35.65 GRANITE STRINGERS AT 25° AND 35° TCA, RESPECTIVELY.											
		FROM 37.78 - 38.20 A SHEARED AND CARBONATIZED W/ MASSIVE PLAG PATCHES CONTAINING MINOR K-SPAR, TRENDING 30° TCA.											
		FROM 37 - 39.50 BLOCKY AND GROUND CORE. 70-80% RECOVERY.											
		FROM 37.23 - 37.85 GRANITE DIKE AT 45° TCA, WHICH PARALLELS THE SHEAR DIRECTION.											
		AT 39.50M, SHEARED 15° TCA.											
		AT 40.70 M SHEARED // TCA, W/ THE NOSES OF A FEW SMALL FOLDS PRESENT. THE HOST IS AMPHIBOLITIZED.											
		AT 43.00M SHEARED AT 20° TCA.											
		AT 45.00M HIGHLY SHEARED // TCA.											
		AT 46.00M " " 30-40° TCA.											
		FROM 47.00 - 48.19 GROUND CORE, 0% RECOVERY.											
		AT 49.00M HIGHLY SHEARED AT ~ 15° TCA, LOOSELY FOLDED											
		AT 49.50M, HIGHLY SHEARED W/ TIGHT KINK BANDING // TCA.											

DIAMOND DRILL LOG

DDH #: NIC91-1
SHEET: 3 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		AT 51.00M HIGHLY SHEARED AT 27° TCA.											
		FROM 52.75 - 54.29, ~ 10-15% <1MM WHITE COLORED, FRAGMENTS OR AMYGDULES THAT HAVE BEEN ELONGATED // TO THE SHEAR AT 30° TCA. THE HOST IS VERY MAFIC (IE. DARK GREEN - BLACK COLOR) AND FINE GRAINED.											
		AT 54.29 THE FLOW (?) GRADUALLY CHANGES FROM A DARK-GREEN F.GR. TEXTURE TO A LIGHT GREEN FINE GRAINED TEXTURE BY 54.60.											
		55.56 - 56.77 COARSE GRAINED FLOW (?)											
		U.C. DISTINCT AT 50° TCA.											
		L.C. DISTINCT AT 55° TCA.											
		THIS UNIT IS MED - C. GRAINED, LIGHT-MED. GREEN IN COLOR, UNDEFORMED, AMPHIBOLITIZED AND CONTAINS ≤ 1% DISS. RECRYSTALLIZED Py.											
		FROM 56.36 - 56.39 A CC BAND CONTAINING ACICULAR OLIVINE XLS, 3-5MM LONG, AS WELL AS MINOR Py. TREND: 23° TCA.											
		56.77 - 62.03 MAFIC FLOW (?) W/ 'SNOWFLAKE' TEXTURE.											
		A DARK GREEN - BLACK UNIT W/ 2-3MM SPOTS OF OFF-WHITE PLAG. RESEMBLING 'SNOWFLAKES' COMPRISING ~ 40% OF THE TOTAL COMPOSITION. U.C. DISTINCT AT 55° TCA, L.C. SHARP AT 28° TCA.											
		FROM 59.10 - 59.35 F.GR. MAFIC DIKE/SILL AT: U.C 15° TCA, L.C. 30° TCA.											
		FROM 60.42 - 60.73 " " " " AT: U.C. 27° TCA, L.C. AT 45° TCA											
		62.03 - 70.44 INT-MAFIC FLOW (?)											
		MED - DARK GREEN - BLACK. FINE GRAINED FOLIATED ~ 30° TCA.											
		AT 63.85 A 1-3MM QTZ STRINGER W/ AN ALTERATION HALO FOR 5MM ON EITHER SIDE CONTAINING DISS. Py. TREND 60° TCA.											
		63.94 - 64.03 A BULL QTZ VEIN AT 71° TCA.											
		FROM 64.54 - 64.73 BLEACHED SLIGHTLY. THIS IS MOST LIKELY A RESULT OF THE CONTACT W/ A GABBROIC DIKE/SILL JUST BELOW THIS ZONE. THE ZONE TRENDS ~ 40-45° TCA.											
		64.73 - 66.10 GABBROIC SILL/DIKE											
		U.C. RELATIVELY SHARP AT 28° TCA.											
		L.C. " " AT ~ 37° TCA.											
		AT 64.13 A >1MM MILKY QTZ STRINGER AT 29° TCA.											

DIAMOND DRILL LOG

DDH #: NIC91-10
SHEET: 4 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		From 68.00 - 68.38 A granitic dike. U.C. at 37° TCA, L.C. at 7° TCA (sub //) TCA at 63.50 ground core due to a shear zone (50% recovery). At 69.00 mod - strong shearing at 35° TCA											
→		70.44 - 96.60 Med - coarse grained gabbro. A distinct / gradational contact at 28° TCA. Weak - moderately sheared ~ 40° TCA near the contact. At 72.00m, weak foliation at ~ 46° TCA.											
		76.78 - 78.00 C.Gr. plag. rich zone U.C. is + TCA, the end of the zone trends 30° TCA. The contacts are gradational. Cumulate texture is predominant in the host as well as this plag rich zone, Tr Py overall.											
		81.68 - 82.05 A cumulate textured, plag rich zone w/ the U.C. gradational at 52° TCA, the L.C. is gradational at 53° TCA. Tr Py in this zone.											
		82.50 - 82.70 zone as above but // TCA.											
		From 88.02 - 88.08 A Qtz vein trending 16° TCA the L.C. is mineralized, in the host rock, w/ 1-2% F.Gr. diss Py w/ Tr Cpy. Locally the host rock contains 1-2% F.Gr. diss Py.	9650	87.84	89.40	1.56	0.05	0.02	0.003				
		Locally 2% F.Gr diss Py. Host rock is a C.Gr. amphibolitized gabbro	9651	91.00	92.50	1.50	0.05	0.02	0.003				
→		96.60 - 105.18 Microgabbro. U.C. gradational but distinct at 19° TCA. L.C. very faint, at 40° TCA. At 99.83 A 5mm Qtz stringer containing minor diss Py, at 37° TCA. Tr diss sulphides in this unit.											
		From 104.00 - 104.50 2% M-C Gr Py w/ Tr Po.	9652	103.00	104.50	1.50	0.05	0.03	0.003				

DIAMOND DRILL LOG

DDH #: NIC91-1
SHEET: 5 OF (

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
	→	105.18 – 142.94 · MEDIUM – COARSE GRAINED GABBRO V.C. VERY FAINT AT 40° TCA.											
		AT 104.68 A 5mm CARBONATIZED ZONE CONTAINING 1% PY, AT 32° TCA. FROM 104.84 – 104.87 A SILICIFIED – CARBONATIZED ZONE CONTAINING ≤ 1% CPY, ≤ 1% Po, TR PY, AT 46° TCA. FROM 105.18 – 106.00, THE GABBRO CONTAINS 1% DISS SULPHIDES LOCALLY.	9653	104.50	106.00	1.50	0.06	0.03	0.003				
		2-5% DISS SULPHIDES LOCALLY. CPY > Po > PY	9654	106.00	107.50	1.50	0.20	0.19	0.007				
		2-5% F.GR. DISS CPY B/N 108.25 – 108.50. 1-2% F.GR. DISS Po OVERALL.	9655	107.50	109.00	1.50	0.20	0.12	0.006				
		LOCALLY 2% DISS Po W MINOR CPY. FEW CC FILLED HAIRLINE FRACTURES TRENDING ~ 30° TCA.	9656	109.00	110.50	1.50	0.05	0.03	0.003				
		≥ 2% F-M GR DISS Po W TR CPY OVERALL	9657	110.50	112.00	1.50	0.19	0.35	0.010				
		≥ 2% F.GR. DISS PY, Po W TR CPY LOCALLY. NUMEROUS CC FILLED HAIRLINE FRACTURES AT 10° TCA (SUB //).	9658	112.00	113.50	1.50	0.05	0.06	0.004				
		SAME AS ABOVE.	9658	113.50	115.00	1.50	0.08	0.12	0.005				
		OVERALL 2-5% DISS Po > PY > CPY, AT 115.81 A 1-5mm Po > Pn > Mo STRINGER AT 21° TCA. FROM 115.92 – 115.97 A QTZ STRINGER W 1% C.GR Po > PY AT 39° TCA.	9660	115.00	116.50	1.50	0.13	0.26	0.009				
		FROM 116.68 – 116.77 A CHLORITIZED XENOLITH (?) / DIKE CONTAINING 5% V.F.GR. CPY > Po AND TRENDING ~ 53° TCA. THE HOST CONTAINS ≥ 2% DISS Po W TR CPY LOCALLY. AT 117.48 A 1cm BLEB OF Po > Pn ~ 70° TCA.	9661	116.50	118.00	1.50	0.18	0.03	0.008				
		OVERALL ≥ 5% F.GR. DISS Po W MINOR CPY. AT FROM 118.93 – 119.21 SERPENTINIZED PERIDOTITE TRENDING ~ 45° TCA.	9662	118.00	119.50	1.50	0.20	0.30	0.007				
		LOCALLY ≥ 2% DISS Po W MINOR CPY.	9663	119.50	121.00	1.50	0.14	0.20	0.005				
		LOCALLY ≥ 2% DISS Po W MINOR CPY	9664	121.00	122.50	1.50	0.14	0.20	0.005				

DIAMOND DRILL LOG

DDH #: NIC91-10
SHEET: 6 OF 6

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		OVERALL ≤ 5% F.GR. DISS CPY, ẅ 1-2% F.GR. DISS Po LOCALLY.	9665	122.50	124.00	1.50	0.23	0.28	0.006				
		SERPENTINIZED, TR SULPHIDES.	9666	124.00	125.50	1.50	0.03	0.04	0.002				
		AS ABOVE	9667	125.50	127.00	1.50	0.02	0.02	0.002				
		AS ABOVE.	9668	127.00	128.50	1.50	0.01	0.02	0.002				
		AS ABOVE	9669	128.50	130.00	1.50	0.07	0.06	0.003				
		FROM 130.10 - 130.50 ≥ 10% F.GR. DISS Po ẅ CPY, ẅ ANY TREND OF 35° TCA. FROM 130.50 - 131.50 LOCALLY 10% F.GR. DISS Po ẅ CPY. SERPENTINIZED.	9670	130.00	131.50	1.50	0.18	0.34	0.007				
		LOCALLY 5-10% DISS Po ẅ MINOR CPY, HOSTED BY SERPENTINIZED GABBRO.	9671	131.50	133.00	1.50	0.24	0.26	0.006				
		AS ABOVE BUT 1-2% DISS Po LOCALLY	9672	133.00	134.50	1.50	0.17	0.09	0.002				
		AS ABOVE	9673	134.50	136.00	1.50	0.16	0.17	0.005				
		AS ABOVE	9674	136.00	137.50	1.50	0.24	0.30	0.010				
		138.60 - 139.00 2% F.GR. DISS CPY, INT HOSTED BY A SERPENTINIZED GABBRO.	9675	137.50	139.00	1.50	0.19	0.09	0.003				
		LOCALLY 2% F.GR. DISS. CPY ẅ MINOR Po	9676	139.00	140.50	1.50	0.18	0.10	0.003				
		NUMEROUS CC FILLED HAIRLINE FRACTURES SUB// TCA. TR SULPHIDES	9677	140.50	142.00	1.50	0.03	0.01	0.002				
		AS ABOVE	9678	142.00	142.94	0.94	0.04	0.03	0.002				
		E.O.H. 142.94 m 25 BOXES OF CORE STORED IN ROUYN-NORANDA, QC.											

CORRECTION 1: 2X 16:11

MINORCA RESOURCES LTD.

NIC-91-11

DIAMOND DRILL LOG

GEOFACT INC

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 26/04/91
DATE COMPLETED: 26/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC91-11
BEARING: 180°Az
TOTAL LENGTH: 81.78m
LOGGED BY: G.LONG

SHEET: 1 **OF** 6
INCLINATION AT COLLAR: -45°
SCALE:

DIP TESTS
@
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@
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METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
1.22	81.78	MEDIUM-COARSE GRAINED GABBRO MEDIUM-DARK GREEN COLOR, MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION: 60-70% PYROXENE/OLIVINE, 30-40% PLAG. ALTERATION: WEAK-MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED, SERPENTINIZED. OVERALL WEAKLY MAGNETIC, LOCALLY STRONGLY MAGNETIC. MINERALIZATION: VARIES LOCALLY FROM ≤ 1% DISSEMINATED TO SEMI-MASSIVE TO MASSIVE SULPHIDES. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPAL SULPHIDES ARE IN ORDER OF DECREASING ABUNDANCE; PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY. MICROGABBRO- IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	1.22	CASING											
		FROM 29.70-29.73 A QTZ/CC STRINGER AT 60°TCA, CONTAINING TR PY. AT 30.11 AND 30.17 5mm QTZ/CC STRINGERS TRENDING 66°TCA. 2% DISS PY W MINOR Po AND TR CPY ASSOCIATED W THE STRINGERS. AT 30.31 A 3mm QTZ/CC STRINGER AT 52°TCA W TR Po.	9679	29.50	31.00	1.50	0.05	0.06	0.003				
		OVERALL TR SULPHIDES. AT 31.61 A 5mm QTZ/CC STRINGER AT 41° TCA. AT 32.40 A 3mm QTZ/CC STRINGER W MINOR PY, CPY, AT 52° TCA.	9680	31.00	32.50	1.50	0.02	0.02	0.002				

DIAMOND DRILL LOG

DDH #: NIC91-1
SHEET: 2 OF

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		LOCALLY 2% DISS PY W TR CPY. AT 32.76 A 2-3mm QTZ/CC STRINGER AT 20° TCA, W MINOR Po > Py > CPY > Mo.	9681	32.50	34.00	1.50	0.03	0.04	0.005				
		FROM 34.41 - 34.46 A QTZ/CC STRINGER AT 62° TCA, CONTAINING MINOR PY. THE HOST ROCK CONTAINS TR SULPHIDES.	9682	34.00	35.50	1.50	0.02	0.02	0.002				
		LOCALLY 1-2% DISS Po, Py.	9683	35.50	37.00	1.50	0.02	0.02	0.002				
		FROM 37.34 - 37.62 ~2% DISS CPY W 1% DISS Po ASSOCIATED W HAIRLINE FRACTURES TRENDING 20° AND 40° TCA.	9684	37.00	38.50	1.50	0.05	0.05	0.002				
		LOCALLY 1% DISS Py/Po HOSTED BY CUMULATE TEXTURED C.GR. GABBRO FEW HAIRLINE FRACTURES SUB // TCA.	9685	38.50	40.00	1.50	0.05	0.05	0.002				
		AT 40.75 A 1cm (TRUE WIDTH) QTZ/CC STRINGER AT 15° TCA (SUB //). CONTAINING MINOR Py. AT 41.20 THE GRADATIONAL BEGINNING OF A PLAG RICH CUMULATE ZONE.	9686	40.00	41.50	1.50	0.03	0.03	0.002				
		AT 41.75 THE BOTTOM OF THE PLAG ZONE MENTIONED ABOVE, TRACE W A GRADATIONAL BUT DISTINCT TREND OF 47° TCA. FROM 41.75 - 42.14 2% DISS Py > Po > CPY HOSTED BY CUMULATE TEXTURED C.GR. GABBRO. FROM 42.47 - 42.64 A PLAG RICH ZONE AS ABOVE, IRREGULAR TREND ~⊥ TCA. FROM 42.64 - 42.97 GROUND CORE, 70% RECOVERY. B/W 42.76 - 42.79 A BAND OF 1-2% DISS Po, TRENDING 35° TCA.	9687	41.50	43.00	1.50	0.14	0.23	0.010				
		AT 43.93 A 3cm BLEB OF MASSIVE Po > CPY > Pn. AT 44.42 A SMALL (1cm) BLEB OF Po, Pn.	9688	43.00	44.50	1.50	0.13	0.16	0.008				
		FROM 44.76 - 44.85 A PLAG RICH CUMULATE ZONE, DISCONTINUOUS AND // TCA (A PATCH) 1-2% DISS Po AROUND THIS AREA. FROM 45.14 - 46.00 BLOCKY CORE ~85% RECOVERY.	9689	44.50	46.00	1.50	0.11	0.14	0.006				
		FROM 46.80 - 47.31, VUGGY W 2% DISS Py. FROM 47.31 - 48.15 GROUND CORE ~60% RECOVERY, THIS INTERVAL IS SILICIFIED AND TRENDS ~48° TCA.	9690	46.00	48.00	2.00	0.07	0.12	0.005				
		AT 48.63 A 1cm BULL QTZ STRINGER AT 70°. TR SULPHIDES IN HOST.	9691	48.00	49.10	1.10	0.21	0.26	0.009				

DIAMOND DRILL LOG

DDH #: NIC91-1
SHEET: 3 OF

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		49.10 - ~66.69 ALTERED GABBRO. FAINT U.C. AT 47° TCA. THIS UNIT IS CHARACTERIZED BY A LIGHT-MED GREEN COLOR, POSSIBLY CHLORITIZED AFTER BEING AMPHIBOLITIZED. 5-10% BIOTITE PRESENT NEAR THE UPPER CONTACT. THE UNIT CONTAINS NUMEROUS SERPENTINIZED XENOLITHS (NOT DIKES OR SILLS BECAUSE OF THE HIGHLY IRREGULAR AND ROUNDED CONTACTS IN SOME CASES) OVERALL STRONGLY MINERALIZED.										
		FROM 49.10 - 50.00 5-10% BIOTITE PRESENT. OVERALL 2% DISS Po. AT 49.68 A 1cm QTZ STRINGER AT 70° TCA W/ MAFIC INCLUSIONS. FROM 49.84 - 49.95 A PARTIALLY DIGESTED AUTOLITH. FROM 50.20 - 50.27 AS ABOVE.	17975	49.10	50.50	1.40	0.06	0.04	0.002				
		10-15% V.F.GR DISS Po >> CPY OVERALL.	9692	50.50	52.00	1.50	0.25	0.45	0.012				
		FROM 52.00 - 52.12 A PORTION OF A SERPENTINIZED XENOLITH IS PRESENT, // TCA. B/N 52.20 - 53.20 OVERALL ≥ 5% Po > CPY AS NET TEXTURE IN WELL DEFINED CUMULATE TEXTURED GABBRO.	9693	52.00	53.50	1.50	0.29	0.31	0.009				
		AT 52.41 TR Mo. AT 52.44 A 2-3mm Po, Pn STRINGER SUB // TCA.											
		FROM 53.74 - 54.00 A SERPENTINIZED PERIDOTITE XENOLITH.	9694	53.50	55.00	1.50	0.16	0.21	0.008				
		FROM 54.78 - 54.87 WHAT APPEAR TO BE TENSION GASHES, EN ECHELON AND // TCA FILLED W/ Po AND CPY. LOCALLY THE HOST CONTAINS 2% F.GR. DISS Po W/ CPY.											
		FROM 55.13 - 55.80 A SERPENTINIZED, CARBONATIZED PERIDOTITE XENOLITH (?) U.C. AT 33° TCA, L.C. IRREGULAR AT ~43° TCA. FROM 55.80 - 56.50 ≥ 10% F.GR. DISS Po ≥ CPY.	9695	55.00	56.50	1.50	0.21	0.21	0.009				
		OVERALL 5-10% F.GR. DISS Po ≥ CPY. FROM 56.86 - 56.94 A SERPENTINIZED, CARBONATIZED PERIDOTITE XENOLITH.	9696	56.50	58.00	1.50	0.28	0.24	0.007				

DIAMOND DRILL LOG

DDH #: NIC91-11
SHEET: 4 OF

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		FROM 58.00-59.00 ≤ 10% F.GR. DISS Po ± CPY OVERALL FROM 59.03-59.10 A SERPENTINIZED PERIDOTITE XENOLITH.	9697	58.00	59.50	1.50	0.24	0.32	0.009				
		OVERALL 5-10% V.F.GR. DISS Po ± MINOR CPY. FROM 60.10-60.12 PERIDOTITE XENOLITH.	9698	59.50	60.67	1.17	0.15	0.23	0.007				
		FROM 60.90-61.12 25% NET TEXTURED Po ± MINOR CPY. 61.66-61.81 STRONGLY CARBONATIZED ZONE. 62.00-62.39 2% DISS Po IN WELL DEFINED CUMULATE TEXTURE.	9699	60.67	62.39	1.72	0.27	0.53	0.009				
		62.39-62.56 SERPENTINIZED, CARBONATIZED PERIDOTITE XENOLITH (?) ⊥ TCA. 62.65-62.84 GRANITIC DIKE (MICROGRANITE, PORPHYRITIC ± MAFIC INCLUSIONS UP TO 40%) CONTAINING MINOR CPY. AT 63.02 A 2cm PLAG. RICH BAND ± ≤2% CPY, AT 65° TCA.	9700	62.39	64.00	1.61	0.09	0.07	0.003				
		FROM 64.04-64.35 MICROGABBRO/VOLCANIC? ⊥ TCA MOD. SHEARED ⊥ TCA. 64.35-64.59 PLAG RICH ZONE, CUMULATE TEXTURE. AT 64.44-64.45 ACICULAR OLIVINE BLADES (2-5mm) POSSIBLY WEAK SPINIFEX DEVELOPMENT. 64.59-64.71 MICROGABBRO/VOLCANIC? APPEARS BRECCIATED. 64.71-66.00 PLAG. RICH. AT 65.43-65.53 A QTZ VEIN TRENDING 40° TCA. 2% DISS CPY ± 1% DISS PY AT U.C. IN THE VEIN.	17956	64.00	66.00	2.00	0.07	0.03	0.002				
		66.69-67.27. MICROGABBRO GRADATIONAL BUT DISTINCT AT 42° TCA. L.C. SHARP AT 43° TCA. CONTAINS FEW 1mm CC FILLED STRINGERS 46° TCA. LOCALLY 1-2% DISS Po, Py IN C.GR. HOST.	17957	66.00	67.50	1.50	0.05	0.04	0.004				
		AT 67.59 A 2cm BAND OF SEMI-MASSIVE Po>Py>CPY AT 25° TCA. LOCALLY 1-2% DISS SULPHIDES IN THE C.GR. HOST ROCK.	17958	67.50	69.12	1.62	0.13	0.14	0.008				

DIAMOND DRILL LOG

DDH #: NIC 91-11
SHEET: 5 OF

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		69.12 - 79.00 MICROGABBRO U.C. SHARP, SUB VERTICAL TCA (≤ 10° TCA).											
		THE U.C. IS MARKED BY A SEMI-MASSIVE TO MASSIVE LAYER OF Po >> Py, W NET TEXTURE. FROM 69.60 - 69.68 A SEMI-MASSIVE, NET TEXTURED ZONE AT 37° TCA. HOSTED BY A V.F.GR. MICROGABBRO. FROM 69.70 - 70.50 COARSE GRAINED, VERY GRADATIONAL CONTACTS WITH NO PREFERED ORIENTATION.	17959	69.12	70.50	1.38	0.17	0.74	0.031				
		~ 10% F.GR. DISS Po W MINOR CPY OVERALL. COARSER GRAINED FROM 71.20 - 71.14 TRENDING ~ 27° TCA.	17960	70.50	72.00	1.50	0.27	0.83	0.023				
		AT 72.13 A 3-5mm Po > Py STRINGER AT 50° TCA. AT 72.59 A 5mm Po > Py STRINGER AT 48° TCA. FROM 72.64 - 72.96 A C.GR. SECTION W 5% Py NET TEXTURE. U.C. OF C.GR SECTION AT 20° TCA AND SHARP. L.C. FAINT, GRADATIONAL AT 45° TCA. FROM 73.25 - 73.45 C.GR. MAG. RICH ZONE TRENDING 37° TCA AND CONTAINING 5% DISS CPY W 2% DISS Po. CUMULATE TEXTURE PRESENT.	17961	72.00	73.50	1.50	0.27	0.46	0.016				
		73.50 - 74.80 PATCHES OF 5-10% F.GR. DISS Po W CPY. 74.80 - 75.00 SULPHIDE FILLED FRACTURES 1-5mm WIDE AS WELL AS 5-10% F.GR. DISS CPY > Po. FRACTURES ARE // TCA.	17962	73.50	75.00	1.50	0.36	0.18	0.008				
		75.00 - 75.62 RANDOMLY ORIENTED Po >> Py > Po FILLED FRACTURES AND STRINGERS FROM 1-15mm WIDE. FROM 75.39 - 75.45 A NET TEXTURED ZONE, WHICH IS PART OF A LARGER SYSTEM // TCA, WHICH TRENDS ~ 15° TCA FROM 75.62 - 75.76 A NET TEXTURED SEMI-MASSIVE ZONE L TCA, Po = CPY. 76.30 - 76.18 NUMEROUS CC FILLED HAIRLINE FRACTURES AT ~ 33° TCA. 76.42. 76.50 SEMI-MASSIVE NET TEXTURED Po > CPY AT 15° TCA, // TO CONTACT W A U.C.GR. UNIT.	17963	75.00	76.50	1.50	0.76	1.35	0.032				

DIAMOND DRILL LOG

DDH #:
SHEET: 1 OF

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		76.50 - 77.32 C.GR. GABBRO U.C. AT 45° TCA L.C. AT 27° TCA OVERALL 1-2% F.GR. DISS Po, CPY. FROM 77.50 - 78.00 NUMEROUS CC FILLED HAIRLINE FRACTURES. AT ~ 20° TCA. FROM 78.40 - 78.54 C.GR. PLAG RICH ZONE AT 37° TCA, CONTAINING A 1cm BAND OF ≥ 2% DISS CPY FROM 78.51 - 78.52 // TO THE L.C.	17964	76.50	78.50	2.00	0.15	0.04	0.005				
		AT 78.75 A SERIES OF 1mm MINERALIZED, Po ≥ CPY, HAIRLINE FRACTURES AT 56° TCA, OFFSETS BY AN EARLIER SIMILAR SYSTEM SUB // TCA. FROM 78.97 - 79.00 A SEMI-MASSIVE NET TEXTURED ZONE AT 37° TCA MARKS THE CONTACT OF THIS MICROGABBRO W A C.GR. GABBRO.	17965	78.50	80.00	1.50	0.20	0.32	0.016				
		79.00 - 81.78 C.GR. GABBRO U.C. SHARP AT 37° TCA.											
		AT 80.17 A 1cm BAND OF DISS C.GR. Po, CPY AT 42° TCA. AT 80.30 A 1cm Po STRINGER AT 62° TCA. 80.45 - 80.58 A 1cm BAND OF ≥ 10% DISS Po > CPY FORMING AN ARC // TCA. AT 80.73 A 2mm DISS Po BAND Po, CPY AT 26° TCA. 80.82 - 81.31 MICROGABBRO, CONTACTS GRADATIONAL, DIFFICULT TO MAKE AT BUT POSSIBLY ALMOST ⊥ TCA. FROM 81.30 - 81.44 10-20% F.GR NET TEXTURED Po = CPY FROM 81.58 - 81.67 A NET TEXTURED, SLIGHTLY BRECCIATED ZONE OF SEMI-MASSIVE Po > Py, TRENDING ~ 55° TCA. E.O.H. 81.78 m 14 BOXES OF CORE STORED IN ROUYN-NORANDA CO.	17966	80.00	81.78	1.78	0.34	0.84	0.026				

MINORCA RESOURCES LTD.

NIC-91-12

GEOFACT INC

DIAMOND DRILL LOG

AREA: NICOBI LAKE
CONTRACTOR: FORAGE BENOIT
CORE SIZE: BQ
CLAIM #: 3503252
PROJECT: NICOBI LAKE
DATE STARTED: 27/04/91
DATE COMPLETED: 27/04/91

LAT:
DEP:
ELEVATION:
DDH #: NIC 91-12
BEARING: 180° Az
TOTAL LENGTH: 81.54
LOGGED BY: G. LONG

SHEET: 1 OF 4
INCLINATION AT COLLAR: -65°
SCALE:

DIP TESTS
@
@
@
@
@
@

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		MEDIUM - COARSE GRAINED GABBRO MEDIUM - DARK GREEN COLOR, MOTTLED OFFWHITE DUE TO PLAGIOCLASE. COMPOSITION: 60-70% PYROXENE/OLIVINE, 30-40% PLAG. ALTERATION: WEAK - MODERATELY CARBONATIZED, LOCALLY AMPHIBOLITIZED, SERPENTINIZED. OVERALL WEAKLY MAGNETIC, LOCALLY STRONGLY MAGNETIC. MINERALIZATION: VARIES LOCALLY FROM ≤ 1% DISSEMINATED TO SEMI-MASSIVE TO MASSIVE SULPHIDES. SULPHIDES OCCUR AS PRIMARY 'NET TEXTURE' AND AS STRINGERS WHERE REMOBILIZED. THE PRINCIPAL SULPHIDES ARE IN ORDER OF DECREASING ABUNDANCE; PYRRHOTITE, CHALCOPYRITE, PENTLANDITE, PYRITE, MOLY. MICROGABBRO - IS THE TERM USED FOR THE FINE GRAINED VERSION OF THE ABOVE MENTIONED UNIT.										
0	1.52	CASING											
		AT 6.10 A 3mm Py > CPY, CARBONATE STRINGER AT 42° TOC.											
		14.53 - 15.30 PLAG DEPLETED ZONE, MED. GRAINED, LITTLE IF ANY PLAG. VERY GRADATIONAL CONTACTS.											
		16.69 - 17.69 AS ABOVE (VERY SIMILAR TO APLITE)											

DIAMOND DRILL LOG

DDH #: NIC91-12
SHEET: 2 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (ppb)
		AT 20.08 A 2cm QTZ STRINGER W MINOR CPY IS THE LARGER PORTION OF A FRACTURE TRENDING 47° TCA. AN OFFSHOOT FROM THIS STRINGER RUNS // UP THE CORE AXIS FOR ~ 15cm.											
		AT 20.68 A 2cm QTZ/CC STRINGER CONTAINING 2% DISS PY TRENDS 48° TCA.											
		FROM 28.77-28.92 A MICROGABBRO DIKE CONTAINING 2% DISS C.GR. PY AND TRENDING 33° TCA. AT 29.12 A 5mm PY STRINGER AT 33° TCA.	17967	28.50	30.00	1.50	0.025	0.02	0.005				
		B/N 32.00-32.10 A COUPLE OF 1-2mm PY STRINGERS AT 20° TCA. MARKING THE CONTACT OF THE C.GR GABBRO W A MICROGABBRO WHICH ENDS IN A VERY GRADATIONAL CONTACT AT 32.90m. 33.04-33.17 5-10% DISS Po W CPY IN A C.GR. CUMULATE TEXTURED GABBROIC HOST.	17968	32.00	33.50	1.50	0.06	0.10	0.007				
		34.00-35.00 LOCALLY 1% DISS SULPHIDES. AT 35.07 A 3mm Po STRINGER AT 47° TCA. AT 35.[illegible] A 3mm ≈ 1cm PY/Po STRINGER AT 33° TCA. FROM 36.52-36.85 A MICROGABBRO TRENDING 13° TCA. 36.85-36.91 2-5% DISS Po W CPY.	17969	34.34	36.00	1.66	0.05	0.06	0.011				
		38.40-38.46 ≥ 10% F.GR DISS Po. 38.67-38.74 2-5% F.GR DISS Po W MINOR CPY. FROM 38.97-39.05 A SAND/SILT SEAM (NO SIGNS OF DEFORMATION ON EITHER SIDE OF CORE!)	17970	38.00	39.50	1.50	0.08	0.01	0.008				
		B/N 41.00-41.20 A COUPLE OF 2mm CC STRINGERS, SUB // TCA HOSTED B/A MICROGABBRO. (13cms LONG) AT 41.48 A 1cm Po STRINGER AT 53° TCA. AT 41.67 A 3mm PY > Po STRINGER ALSO AT 53° TCA. B/N 41.80-41.90 ≤ 2% DISS Po W CPY.	17971	41.00	42.50	1.50	0.09	0.09	0.006				
		FROM 45.10-45.27 V. C.GR. PEG (BLEBS UPTO 2cm IN LENGTH) TRENDING ROUGHLY 48° TCA.											

DIAMOND DRILL LOG

DDH #: NIC91-
SHEET: 3 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		45.32-45.57 ~2% DISS Py, Po w C.GR. PLAG FROM 45.43-45.58. FROM 45.79-46.45 PLAG RICH V.C.GR. SECTION W AN INTERVAL OF V.C. AT 53° TCA, L.C. ⊥ TCA. ~2% DISS Py OVERALL.	17972	45.28	47.00	1.72	0.07	0.09	0.006				
		CUMULATE TEXTURED, C.GR. OLIVINE (AMPH)IBOLITIZED DOMINATES THIS SECTION, 47.00-48.28. FROM 48.28-48.90, THE ROCK GRADES INTO A MED.GR. GABBRO W 2-5% NET TEXTURED Py>Po LOCALLY.	17973	47.00	48.90	1.90	0.05	0.07	0.006				
		AT 50.22 A 2cm BULL QTZ STRINGER AT 65° TCA. AT 50.43 A 5cm MILKY QTZ STRINGER W TR Py AT 25° TCA. FROM 51.05-51.14 A BULL QTZ VEIN AT 55° TCA.											
		51.40-51.66, 1-2% DISS Po W MINOR CPy.	17974	51.24	52.24	1.00	0.10	0.06	0.005				
		AT 52.34 A QTZ-FELDSPAR PORPHYRY STRINGER TRENDS SUB // TCA											
		FROM 59.92-59.95 3 NARROW BULL QTZ STRINGERS ~⊥ TCA.	17975 →	SEE NIC91-11 B/A				# 9691-9692					
		AT 60.10 FEW BLEBS OF Py 5-10mm IN LENGTH. FROM 61.00-62.00 1-2% F.GR. DISS Po, Py W MINOR CPy.	17976	60.00	62.00	2.00	0.09	0.07	0.005				
		FROM 62.00-62.75 ≥2% F.GR. DISS Po W MINOR CPy. FROM 62.75-62.96 SILICIFIED, LOCALLY 2% Po, TR CPy. FROM 63.00-63.15 10% Po AS FINE FRACTURE FILL, TR CPy. AT 63.64 A 2cm QTZ/CC STRINGER AT 41° TCA, W MASSIVE BLEBS OF Py AND Po.	17977	62.00	64.00	2.00	0.18	0.34	0.013				
		5-10% V.F.GR. DISS. Po, Py OVERALL. TR CPy.	17978	64.00	66.00	2.00	0.26	0.41	0.014				
		66.00-67.00 AS ABOVE. 67.00-68.00 1-2% DISS Po LOCALLY, AT 67.98 A SMALL BLEB of Mo.	17979	66.00	68.00	2.00	0.17	0.28	0.098				
		5-10% F-M.GR DISS Po W MINOR CPy, OVERALL. FROM 69.40-69.45 A ZONE OF NET TEXTURES CPy>Po ~⊥ TCA.	17980	68.00	69.50	1.50	0.21	0.28	0.005				
		OVERALL 1-2% DISS Po. FROM 70.42-70.63 A QTZ VEIN AT ~37° TCA.	17981	69.50	71.00	1.50	0.10	0.14	0.004				

DIAMOND DRILL LOG

DDH #: NIC 91-1
SHEET: 4 OF 4

METRES FROM (m)	METRES TO (m)	ROCK DESCRIPTION, STRUCTURE & MINERALIZATION	SAMPLE NUMBER	FROM (m)	TO (m)	LENGTH (m)	Cu (%)	Ni (%)	Co (ppm)	Ag (g/t)	Au (g/t)	Pt (ppb)	Pd (pp
		OVERALL 1-2% F.GR. DISS Po ± TR CPY. FROM 72.44-72.59 SERPENTINIZED, CARBONATIZED PERIDOTITE XENOLITH (?)	17982	71.00	73.00	2.00	0.15	0.17	0.005				
		73.84-73.96 MOD. SERPENTINIZED GABBRO. 1-2% DISS Po LOCALLY IN HOST.	17983	73.00	75.00	2.00	0.12	0.17	0.005				
		FROM 75.54-76.14' SERPENTINIZED, CARBONATIZED PERIDOTITE XENOLITH (?) DISTINCT CONTACTS ~⊥ TCA. HOST CONTAINS 2% DISS Po OVERALL	17984	75.00	77.00	2.00	0.19	0.18	0.004				
		~5% DISS Po ± 1-2% DISS CPY LOCALLY, HOSTED BY A MED. GR GABBRO.	17985	77.00	78.50	1.50	0.19	0.26	0.006				
		FROM 78.69-79.50 WEAK-MODERATELY SHEARED AT 70-75° TCA. TR SULPHIDES OVERALL.	17986	78.50	80.00	1.50	0.06	0.11	0.006				
		SERPENTINIZED C.GR. GABBRO FROM 80.17-80.40 m. FROM 80.40-81.16 MICROGABBRO (OR BASALT DIKE?) U.C. SHEAR // TCA L.C. SHEAR ⊥ TCA. 81.16-81.54 C.GR. GABBRO. ± 1% DISS Po LOCALLY.	17987	80.00	81.54	1.54	0.04	0.04	0.005				
		E.O.H. 81.54 m											
		14 BOXES OF CORE STORED IN ROUYN-NORANDA, QC.											

APPENDIX 6

CERTIFICATES OF ANALYSES

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 03/05/91
PROJET: 2814

ATTENTION: M. Joel Scodnic / Projet NICOBI

Echantillon #	Au ppb		Ag g/t		Cu ppm		Ni ppm		Co ppm	
9301	260	(300)	2,5		2700		5500		180	
9302	70	(75)	4,0		1,62 %		8100		220	
9307	40		3,0		8600		5,38 %		1600	
9309	27		2,0		6000		5300		180	
9310	40		2,0		4200		2500		84	
9311	27		1,5		1600		2500		94	
9312	17		2,0		2500		5900		160	
9313	30		1,0	(1,0)	2500	(2400)	7500	(7500)	180	(190)
9314	13		1,0		590		1000		70	
9315	25		1,5		2900		8800		200	
9320	77	(65)	2,5		9100		4600		110	
9322	23		1,5		3200		4300		110	
9323	5		2,0		1800		3900		230	
9324	30		2,0		2300		6800		260	

Les resultats des echantillons ci-dessus sont certifies

par : _____ 1/

184 Principale Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

34 Principale, Ste-Germaine

J0Z 1M0

Tél.: (819) 787-6116

Téléc.: (819) 787-6527

Sans frais: 1-800-567-6489

TECHNI-LAB

pyroanalyse
geochimie
environnement

CERTIFICAT D'ANALYSE

A : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

M. Joel Scodnick

DATE : 04/07/91
PROJET: 03044

Echantillon #	Au ppm	Argent g/t
9301		3,0
9302		3,4 (4,4)
9303	37	2,0
9304	30	3,0
9305	20	12
9306	18	3,0
9307		4,0
9308	18	2,0
9309		3,0
9312	17	1,4
9313	20	1,0
9315	23	1,4
9316	20	< 0,5
9317	23	2,0
9318	7	< 0,5 (< 0,5)
9319	17	1,0
9320	43	2,4
9321	7	12
9322	10	2,0
9323	7	3,0
9324	10	3,4
9325	25	5,0
9326	33	3,0
9327	33	3,4
9328	43	5,0

Les resultats des echantillons ci-dessus sont certifies

par: Stéphane Thériault

1/

TECHNI-LAB
pyroanalyse
géochimie
environnement

CERTIFICAT D'ANALYSE

84 Principale, Ste-Germaine

JOZ 1M0

Tél.: (819) 787-6116

Téléc.: (819) 787-6527

Sans frais: 1-800-567-6489

A : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

M. Joel Scodnick

DATE : 04/07/91
PROJET: 03044

Echantillon #	Au ppm	Argent g/t.
9329	23	1,4
9339	8	1,4
9340	5	1,4
9341	77	2,4
9342	13	2,0
9343	7	4,4
9344	63	4,4
9356	12	4,4
9357	13	4,0
9358	18	5,0
9371	12 (10)	4,4

Les resultats des echantillons ci-dessus sont certifies

par: _____

2/

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE :
PROJET: 02819

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel %	Cobalt ppm
9303	3600	3,09	750
9304	4400	3,95	700
9305	6,21% (6,21%)	2,45 (2,37)	430
9306	7800	3,78	580
9308	4600	6,46	1000
9316	2900	3,50	820
9317	4700 (4700)	1,78 (1,76)	330 (320)
9318	1900	1,71	450
9319	3200	1,32	280
9321	2,98% (2,98%)	1,17 (1,09)	200
9325	4800	2,48	550
9326	4300	0,49	120

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 03/05/91
PROJET: 02823

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm		Ni ppm		Co ppm	
9327	1700		6000		170	
9328	2000		3000		110	
9329	1500		2800		110	
9330	1400		2300		70	
9331	1400		3300		130	
9332	1800		2600		99	
9333	2000	(2000)	3100	(3100)	95	(93)
9334	1200		3900		100	
9335	4000		1400		69	
9336	4700		730		30	
9337	2000		4500		110	

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 07/05/91
PROJET: 02826

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9338	570	1100	55
9339	1400	5500	280
9340	1200	6000	320
9341	1500	1,24 %	350
9342	3400	8000	160
9343	1200	2,28 %	350
9344	2600 (2600)	4800 (4700)	130 (130)
9345	2700	4300	100
9346	1900	2300	80
9347	2600	3700	100
9348	2300	4900	130
9349	2000	3700	98
9350	2400	1600	49

Les resultats des echantillons ci-dessus sont certifies

par: _____

1/

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 07/05/91
PROJET: 02836

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm		Ni ppm		Co ppm	
9351	1600		1800		65	
9352	2100		3800		120	
9353	2000		2900		95	
9354	1200		1800		60	
9355	660		900		60	
9356	2200		6600		160	
9357	1200	(1200)	3200	(3300)	180	(180)
9358	4000		7400		170	
9359	1000		3300		100	
9360	980		2100		44	

Les resultats des echantillons ci-dessus sont certifies

par:

1/

184, Principale, Ste-Germaine, J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 09/05/91
PROJET: 02842

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9361	690	1000	50
9362	1100	4500	110
9363	380	1100	100
9364	620	960	39
9365	1300	3200	100
9366	6000	1100	40
9367	2100 (2100)	2200 (2300)	58 (60)
9368	1300	2600	80
9369	880	2500	67
9370	3500	3400	80
9371	1500	9500	220
9372	1200	1100	55
9373	1300	2300	210
9374	2100	1700	60
9375	1500	3100	89

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 09/05/91
PROJET: 02847

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm		Ni ppm		Co ppm	
9376	690		1200		110	
9377	1500		2300		79	
9378	1200		3900		120	
9379	1100		2100		70	
9380	1500		2700		95	
9381	1300		1700		60	
9382	660	(660)	490	(480)	25	(25)
9383	1200		1400		45	
9384	1200		700		75	
9385	490		470		25	
9386	330		210		25	

Les resultats des echantillons ci-dessus sont certifies

par: Stefan Thérond

1/

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 10/05/91
PROJET: 02851

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9387	1600	770	74
9388	1200	1500	59
9389	760	740	45
9390	470	470	45
9391	1400	430	30
9392	1400	2400	89
9393	390	630	45
9394	540 (540)	400 (400)	45 (45)
9395	4200	850	59
9396	640	150	35
9397	460	270	40
9398	260	160	45
9399	350	620	55
9400	2500	2200	100
9401	2700	4900	140
9402	2400	4000	150
9403	2600	3000	120
9404	9800	8800	230
9405	2500	3800	160

Les resultats des echantillons ci-dessus sont certifies

par [signature] 1/

184 Principale Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 13/05/91
PROJET: 02855

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9406	1500	2200	75
9407	1900	7400	160
9408	1900	5900	140
9409	3600	4100	110
9410	1300	7600	190
9411	2500	4900	120
9412	5600 (5600)	0,99% (1,01%)	220 (220)
9413	860	720	55
9414	1700	1200	50
9415	2100	4100	110
9416	2300	7600	170
9417	2400	2,09 %	490
9418	460	650	35
9419	320	430	30
9420	690	1400	55
9421	830	1600	50
9422	400	600	25
9423	930	2600	65
9424	2100	1500	140
9425	1500	3500	100
9426	1200	1000	50
9427	1500	1700	63
9428	1800	1700	55
9429	1400	2300	70
9430	2100	3700	130

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

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TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 13/05/91
PROJET: 02855

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9431	1200	1600	60
9432	1100	1600	75
9433	2800	4300	110
9434	5000 (5000)	2,80% (2,80%)	560 (540)
9435	4300	9800	190
9436	4000	3900	110
9437	2400	3300	95
9438	6000	1,88 %	360
9439	7000	2,20 %	410
9440	1900	1,06 %	280
9441	3900	1,17 %	240
9442	2800 (1100)	2800	75
9443	6500	7100	160
9444	2800	5400	130
9445	2500	1,49 %	290

Les resultats des echantillons ci-dessus sont certifies.

par: _____ 2/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : '14/05/91
PROJET: 02858

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9446	2100	1,10 %	270
9447	970	1000	50
9448	390	130	35
9449	1400	2,99 %	440
9450	270	270	30
9451	970	2700	80
9452	2100 (2100)	2700 (2600)	89 (90)
9453	990	570	55
9454	8000	1,06 %	230
9455	1000	1,95 %	360
9456	1100	590	40
9457	1300	780	44
9458	340	220	35
9459	540	1200	40
9460	1000	1200	35
9461	1100	1700	150
9462	610	5400	50

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 15/05/91
PROJET: 02865

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cu ppm	Ni ppm	Co ppm
9463	710	560	40
9464	2800	1500	75
9465	9600	1,64 %	270
9466	1400	1,52 %	330
9467	1600	1,97 %	300
9468	4700	1,38 %	270
9469	400 (390)	400 (390)	40 (40)
9470	3400	2300	65
9471	1200	570	40
9472	510	810	30
9473	230	110	15
9474	1500	1,23 %	350
9475	480	330	24
9476	1300	2700	80
9477	780	1000	35
9478	280	180	20
9479	380	400	20
9480	400	750	45
9481	260	100	15
9482	220	140	15

Les resultats des echantillons ci-dessus sont certifies

par: Clifford Dremont

1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 17/05/91
PROJET: 02872

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9483	1400	2300	59
9484	1500	1500	60
9485	1000	1100	53
9486	1800	3400	110
9487	1400	3400	110
9488	1800	2800	90
9489	1400	2800	100
9490	1500 (1500)	3500 (3500)	120 (110)
9491	1600	3300	110
9492	2000	2400	84
9493	1300	1700	110
9494	1000	2200	94
9495	1800	3100	110
9496	1600	7900	170
9497	8000	9000	170
9498	2100	2,30 %	400
9499	770	1600	100
9500	7000	7000	180
9501	1500	3300	120

Les resultats des echantillons ci-dessus sont certifies

par: Stefan Tremblay 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 21/05/91
PROJET: 02878

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9502	1700 (1700)	9700 (9800)	210 (220)
9503	1,09 %	7200	150
9504	1900	6000	200
9505	1400	5700	150
9506	3500	1,08 %	260
9507	2200	7000	180
9508	1600	3200	100
9509	1300	700	50
9510	2100	3900	110
9511	2400	4200	170
9512	2700	5000	180
9513	2000	6200	150
9514	1800	1000	70
9515	2500	1500	48
9516	1400	3300	24
9517	2000	5100	110
9518	610	370	29
9519	1400	440	25
9520	2200	3900	89
9521	5900	7200	140
9522	2000	8900	150
9523	2000	9100	150
9524	2300 (2300)	7000 (7000)	110 (110)
9525	1800	500	120
9526	1400	1,05 %	240

Les resultats des echantillons ci-dessus sont certifies

par: Stéphane Trépanier 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 21/05/91
PROJET: 02878

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9527	890	2900	89
9528	550	960	50
9529	1200	4100	130
9530	2700	2900	75
9531	1700	1300	45

Les resultats des echantillons ci-dessus sont certifies

par: _____ 2/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 22/05/91
PROJET: 02884

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9532	580	1000	100
9533	1600	1400	60
9534	1800	2200	89
9535	1800	1800	69
9536	2100	1700	55
9537	1800	1400	55
9538	3300	3500	100
9539	1200	1500	64
9540	410 (410)	280 (290)	30 (30)
9541	440	760	60
9542	580	580	30
9543	550	660	39
9544	560	360	30
9545	370	200	29
9546	390	160	25
9547	1600	880	50
9548	470	540	54
9549	750	420	40
9550	2000	1,60 %	320
9551	670	1700	79
9552	840	670	40
9553	870	550	39
9554	4900	3400	95
9555	3200	8000	560
9556	520	250	34

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 22/05/91
PROJET: 02884

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9557	860	430	40
9558	2000	1100	70
9559	1600	2200	80
9560	2200	2600	87
9561	2900	2400	79
9562	2100 (2000)	850 (830)	140 (150)
9563	1600	1600	45

Les resultats des echantillons ci-dessus sont certifies

par: _____ 2/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 23/05/91
PROJET: 02894

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9564	1900	1500	49
9565	290	270	25
9566	160	100	25
9567	240	270	25
9568	570	450	30
9569	2500	1600	55
9570	2100 (2100)	930 (930)	39 (40)
9571	320	230	38
9572	180	130	20
9573	140	80	15
9574	150	65	15
9575	120	62	14
9576	130	75	15
9577	110	60	15
9578	140	70	15
9579	130	65	20
9580	130	54	15

Les resultats des echantillons ci-dessus sont certifies

par: _____ 17

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NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 23/05/91
PROJET: 02897

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9581	156	122	24
9582	906	616	39
9583	955	930	35
9584	797	354	34
9585	1010	471	34
9586	302	134	20
9587	306	194	19
9588	507	449	29
9589	269	433	37
9590	1304	937	38
9591	645	483	24
9592	1148	982	34
9593	737 (755)	708 (725)	30 (29)
9594	959	690	29
9595	1508	2870	39
9596	550	294	15
9597	414	219	10
9598	1712	1075	20
9599	1710	2345	39
9600	2042	1793	30
9601	4726	3033	35
9602	1014	633	39
9603	1571	2000	62
9604	787	540	35
9605	1884	2802	72

Les resultats des echantillons ci-dessus sont certifies

par: Stéphanie Tremblay 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 23/05/91
PROJET: 02897

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9606	1348	1797	45
9607	1894	2044	50
9608	1840 (1805)	4080 (4098)	104 (102)

Les resultats des echantillons ci-dessus sont certifies

par: Stéphane Trudeau

2/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 27/05/91
PROJET: 02906

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Cobalt ppm	Nickel ppm
9609	1300	94	2800
9610	2400	110	3600
9611	1400	84	2400
9612	3800	200	1,05 %
9613	1300	120	5700
9614	3100	160	9400
9615	3400 (3400)	110 (120)	4800 (4800)
9616	1300	62	2000
9617	1500	34	1000
9618	570	49	1600
9619	1600	360	1,29 %
9620	780	150	5000
9621	280	130	4600
9622	450	20	590
9623	580	35	1000
9624	750	30	730
9625	200	10	110
9626	3100	110	5100
9627	400	29	610
9628	610	39	1400
9629	430	25	880
9630	910	43	1900
9631	1100	29	1000
9632	380	48	470
9633	500	34	400

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 27/05/91
PROJET: 02914

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9638	900	2200	180
9639	540	440	49
9640	1500	560	49
9641	5700	3,98 %	670
9642	670	1000	39
9643	590	600	28
9644	860	390	28
9645	2200	5600	500
9646	150 (140)	140 (130)	18 (18)
9647	630	2200	50
9648	1300	3200	58
9649	1400	5400	78
9650	460	170	29
9651	480	220	29
9652	500	280	29
9653	600	290	29
9654	2000	1900	70
9655	2000	1200	57
9656	460	310	28
9657	1900	3500	98
9658	530	600	38
9659	810	1200	49
9660	1300	2600	85
9661	1800	300	79

Les resultats des echantillons ci-dessus sont certifies

par:

1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 28/05/91
PROJET: 02919

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9662	2000	3000	69
9663	1400	2000	49
9664	1400	2000	50
9665	2300	2800	60
9666	280	360	20
9667	180	180	20
9668	130	190	20
9669	670	630	30
9670	1800	3400	68
9671	2400 (2400)	2600 (2600)	58 (60)
9672	1700	880	20
9673	1600	1700	49
9674	2400	3000	99
9675	1900	860	29
9676	1800	970	30

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 29/05/91
PROJET: 02923

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
9677	290	100	20
9678	420	250	19
9679	450	610	29
9680	170	170	20
9681	280	380	50
9682	210	210	19
9683	210	180	20
9684	460	460	19
9685	480	490	20
9686	220 (320)	290 (290)	19 (19)
9687	1400	2300	99
9688	1300	1600	79
9689	1100	1400	59
9690	740	1230	50
9691	2100	2600	89
9692	2500	4500	120
9693	2900	3100	89
9694	1600	2100	80
9695	2100	2100	89
9696	2800	2400	69
9697	2400	3200	90
9698	1500	2300	69
9699	2700	5300	90
9700	870	670	30
17975	570	380	20

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

STEPHANE PRÉMONT
6-819

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 30/05/91
PROJET: 02927

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
17956	740	300	19
17957	520	410	40
17958	1300	1400	79
17959	1700	7400	310
17960	2700	8300	230
17961	2700	4600	160
17962	3600	1800	80
17963	7600	1,35 %	320
17964	1500 (1500)	390 (350)	49 (50)
17965	2000	3200	160
17966	3400	8400	260
17967	250	190	49
17968	590	970	68
17969	460	590	110
17970	760	100	79
17971	860	930	60
17972	650	920	59
17973	540	710	59
17974	950	580	50
17976	850	680	50
17977	1800	3400	130
17978	2600	4100	140
17979	1700	2800	98

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 05/06/91
PROJET: 02943

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Au ppb	Cuivre ppm	Argent ppm	Nickel ppm	Cobalt ppm
N-1-C-E 01	5	240	3,0	--	--
02	5	210	1,0	--	--
03	3	3000	5,9	520	98
04	10	380	4,0	300	70
05	7	2800	6,0	510	90

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

184 Principale Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

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CERTIFICAT D'ANALYSE

NOM : MINORCA RESOURCES LTE
127-D, 8e Rue
ROUYN-NORANDA (Quebec)
J9X 2A5

DATE : 03/06/91
PROJET: 02941

ATTENTION: M. Joel Scodnick / Projet NICOBI

Echantillon #	Cuivre ppm	Nickel ppm	Cobalt ppm
17980	2100	2800	50
17981	1000	1400	40
17982	1500	1700	50
17983	1200	1700	49
17984	1900	1800	40
17985	1900	2600	60
17986	600	1100	59
17987	410 (400)	350 (350)	40 (49)

Les resultats des echantillons ci-dessus sont certifies

par: _____ 1/

184 Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

TECHNI-LAB abitibi inc.

28-11-90

CERTIFICAT D'ANALYSE

Nom : GEOFACT INC.
Adresse: 127-D, 8e Rue
Rouyn-Noranda (Quebec)
J9X 2A5
Attention de M. Joel Scodnick

Date : 28/11/90
Projet: 1997

Echant. #	Au g/t	Ag ppm	Cu %	Fe %	Mn ppm	Ni %	Pb ppm	Zn ppm	Cd ppm	Co ppm
17635	0,04	2,5	0,23	1,87	120	0,12	15	22	1,5	46
17636	0,06	3,5	0,63	2,78	143	0,25	24	29	1,5	71
17637	0,07	2,5	0,22	7,91	53	1,04	35	18	2,5	287
17638	0,09	2,0	0,17	4,28	99	0,71	28	23	2,0	153
17639	0,06	2,5	0,18	2,46	102	0,35	18	21	1,5	84
17640	0,08	2,5	0,19	5,00	72	0,85	28	22	2,5	171
17641	0,11	3,5	0,43	6,14	70	1,01	34	32	2,5	224
17642	0,07	3,0	0,59	5,84	94	0,88	26	30	2,5	185
17643	0,19	6,4	2,10	8,11	82	0,94	41	47	3,5	212
17644	0,04	2,0	0,11	2,40	133	0,18	18	22	1,5	65
17645	0,04	2,5	490ppm	0,83	66	480ppm	15	13	1,5	25
17646	0,11	2,9	0,36	2,15	71	0,30	18	28	1,5	80
17647	0,04	3,0	390ppm	1,13	79	490ppm	11	14	1,5	28
17648	0,06	3,4	0,27	3,25	104	0,50	22	22	2,0	120
17649	0,05	2,9	0,11	1,86	120	0,16	16	20	1,5	52
17650	0,04	2,5	0,14	1,99	73	0,29	14	14	1,5	69
17651	0,02	3,0	710ppm	29,8	20	6,96	62	8,5	4,5	979
17652	0,01	1,5	460ppm	0,90	67	980ppm	11	9,5	1,0	43
17653	0,03	2,4	0,10	1,26	89	0,12	10	14	1,4	42
17654	0,02	1,9	554ppm	1,00	94	310ppm	13	13	1,0	26
17655	0,12	2,5	0,20	1,76	84	0,21	13	15	1,0	49
17656	0,07	26	14,9	23,5	16	2,34	57	212	6,1	302
17657	0,02	1,0	0,12	0,87	91	200ppm	14	12	1,0	15
17658	0,01	1,0	0,15	1,19	105	440ppm	17	15	1,5	27
17659	< 0,01	0,9	0,11	0,93	101	240ppm	14	12	0,9	26
17660	0,06	5,5	2,15	18,6	40	4,05	55	40	4,0	580
17661	0,05	3,5	0,30	20,3	22	5,59	58	19	4,0	704
17662	0,02	3,0	0,19	28,0	20	5,75	56	16	4,0	685
17663	0,04	7,0	3,60	7,93	49	1,02	47	49	3,0	202

Les resultats des echantillons ci-dessus sont certifies

par: B. Schmitt

..1/

TECHNI-LAB abitibi inc.

28-11-90

CERTIFICAT D'ANALYSE

Nom : GEOFACT INC.
Adresse: 127-D, 8e Rue
Rouyn-Noranda (Quebec)
J9X 2A5
Attention de M. Joel Scodnick

Date : 28/11/90
Projet: 1997

Echant. #	Au g/t	Ag ppm	Cu %	Fe %	Mn ppm	Ni %	Pb ppm	Zn ppm	Cd ppm	Co ppm
17664	< 0,01	1,0	470ppm	0,80	60	530ppm	14	8,0	1,0	26
17665	0,15	7,4	3,17	4,66	59	0,27	35	36	2,0	83
17666	0,02	1,0	660ppm	1,88	100	0,20	17	16	1,5	80
17667	0,03	2,1	0,11	6,92	77	0,84	42	24	2,6	530
17668	0,03	1,0	0,12	1,81	130	0,18	21	20	1,5	55
17669	0,03	3,4	0,17	2,12	125	0,27	20	19	1,4	71
17670	0,02	1,4	550ppm	2,67	77	0,50	19	12	1,9	120
17671	0,02	2,9	0,25	6,82	57	1,24	38	24	2,9	214
17672	< 0,01	2,0	0,12	1,99	83	0,32	18	18	1,0	73
17673	< 0,01	1,5	320ppm	0,81	79	310ppm	14	9,4	1,0	21
DOUBLES										
17641	-	3,4	0,44	6,19	95	1,02	35	33	2,9	228
17645	0,04	-	-	-	-	-	-	-	-	-
17663	-	7,5	3,60	7,88	52	1,01	45	48	3,5	200
17667	0,03	-	-	-	-	-	-	-	-	-

Les resultats des echantillons ci-dessus sont certifies

par: [signature]

..2/

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

Nom : GEOFACT INC.
Adresse: 127-D, 8e Rue
Rouyn-Noranda (Quebec)
J9X 2A5
Attention de M. Joel Scodnick

Date : 04/12/90
Projet: 1997

Echant. #	Pt ppb		Pd ppb	
17635	20		21	
17636	116		100	
17637	34		187	
17638	60		144	(180)
17639	28		32	
17640	25		71	
17641	16		86	
17642	63		35	
17643	117		277	
17644	9		33	
17645	9		24	(24)
17646	40		77	
17647	< 6		< 6	
17648	37		105	
17649	< 6		23	
17650	27		51	
17651	154		95	
17652	< 6		7	
17653	< 6		54	
17654	< 6		< 6	
17655	7		56	
17656	1,03 g/t	(1,06 g/t)	1,15 g/t	(1,01 g/t)
17657	< 6		34	
17658	< 6		19	
17659	< 6		< 6	
17660	362		600	
17661	34		187	
17662	11		129	
17663	96		188	

Les resultats des echantillons ci-dessus sont certifies

par: [signature] B.Sc. chimie

. . 3/

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

Nom : GEOFACT INC.
Adresse: 127-D, 8e Rue
Rouyn-Noranda (Quebec)
J9X 2A5
Attention de M. Joel Scodnick

Date : 04/12/90
Projet: 1997

Echant. #	Pt ppb	Pd ppb
17664	16	< 6
17665	153	179
17666	< 6	28
17667	222	230
17668	8	< 6
17669	< 6	< 6
17670	< 6	< 6
17671	12	115
17672	< 6	< 6
17673	< 6	< 6

Les resultats des echantillons ci-dessus sont certifies

par: Ge Estont BSc CHIMIE

..4/

TECHNI-LAB abitibi inc.

CERTIFICAT D'ANALYSE

Nom : GEOFACT INC.
Adresse: 127-D, 8e Rue
Rouyn-Noranda (Quebec)
J9X 2A5
Attention de M. Joel Scodnick

Date : 30/11/90
Projet: 1997

HAUTES VALEURS DE PLATINE

Echant. #	S.A.A. avec fournaise au graphite. Pt (ppb)	S.A.A. avec flamme Pt (ppb)
# 17636	125	150
17643	136	170
17651	160	150
17660	362	370

HAUTES VALEURS DE PALLADIUM

Echant. #	S.A.A. avec fournaise au graphite. Pd(ppb)	S.A.A. avec flamme Pd (ppb)
# 17637	187	210
17651	95	110
17663	188	147

Les resultats des echantillons ci-dessus sont certifies

par: [signature] B.Sc. chimie

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (819) 787-6116

XRAL

LES LABORATOIRES XRAL

UNE DIVISION DES SER...ES DE SURVEILLANCE SGS INC.
150, 13e RUE • ROUYN-NORANDA • QUEBEC J9X 2H6
TEL: (819)764-9108 FAX: (819)764-4673

CERTIFICAT D'ANALYSE

RAPPORT No R 519

A: GEOFACT INC.(MINORCA)
ATTN: J. SCODNICK
127-D, 8E RUE
ROUYN-NORANDA, QUEBEC
J9X 2A5

CLIENT No. 1987

DATE DE RECEPTION
10-Aug-90

REF. DOSSIER 455-G3

No de Pages 3

11 CONCASSES Proj. NICOBI

ELEMENTS	METHODE	LIMITE DE DETECTION
AU-1AT OZ/TON	FA	0.001
AU-1AT G/MT	FA	0.03
WRMAJ %	WR	0.01
CO %	XRF	0.01
NI %	XRF	0.01
CU %	XRF	0.01
WRMIN PPM	WR	10.
RH PPB	FAPMS	1.
PD PPB	FADCP	1.
AG-1AT OZ/TON	FA	0.01
AG-1AT G/MT	FA	3.
PT PPB	FADCP	10.

DATE 31-AUG-90

CERTIFIE PAR .....

Bernard Maurette, Directeur de Laboratoire

Numero	AU-1AT OZ/T	AU-1AT G/MT	CO %	NI %	CU %	RH PPB	PD PPB	AG-1AT OZ/T	AG-1AT G/MT	PT PPB
NIC-01	0.001	0.05	0.04	1.18	0.49	28	140	<0.01	<3.0	74
NIC-02	0.002	0.08	0.02	0.57	0.62	16	38	<0.01	<3.0	14
NIC-03	0.001	0.05	0.04	1.66	1.53	35	115	<0.01	<3.0	24
NIC-04	0.004	0.12	0.01	0.52	0.25	12	74	<0.01	<3.0	49
NIC-05	0.001	0.05	0.04	1.12	0.34	26	48	<0.01	<3.0	42
NIC-06	0.007	0.24	0.03	1.07	0.61	24	120	<0.01	<3.0	50
NIC-07	0.002	0.08	0.02	0.76	0.56	15	62	<0.01	<3.0	29
NIC-08	0.003	0.09	0.03	1.82	0.06	19	86	<0.01	<3.0	49
NIC-09	--	--	0.01	0.14	NIL	--	--	--	--	--
NIC-10	<0.001	<0.03	--	--	--	--	--	<0.01	<3.0	--
NIC-11	0.001	0.03	--	NIL	0.04	--	--	<0.01	<3.0	--

AU-1AT OZ/T- ASSAY PERFORMED ON 30 GRAM ALIQUOT
AU-1AT G/MT- ASSAY PERFORMED ON 30 GRAM ALIQUOT
AG-1AT OZ/T- ASSAY PERFORMED ON 30 GRAM ALIQUOT
AG-1AT G/MT- ASSAY PERFORMED ON 30 GRAM ALIQUOT

Numero \ %	SIO2	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	MNO	TIO2	P2O5	CR2O3	LOI	totaux
NIC-09	37.0	3.16	0.95	33.8	0.11	<0.01	11.1	0.17	0.17	0.03	0.42	11.9	98.8

Les totaux des analyses de roches entieres incluent tous les elements determines, calcules comme oxydes.

Numero \ PPM	RB	SR	Y	ZR	NB	BA
NIC-09	17	22	<10	<10	11	45

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TEL.: (819) 824-4337
FAX: (819) 824-4745

BOURLAMAQUE ASSAY LABORATORIES LTD.

CLAUDE CHOUINARD

LT-001

ÉCHANTILLONS / SAMPLES: Roche

REÇU DE / RECEIVED FROM:

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

N° 54880 A

VAL D'OR (QUÉBEC) le 6 juin 19 9

ANALYSES / ASSAYS: 1 Ag

Echantillon: Rock chip

Ag oz/ton: 0.17

Ag g/tonne: 5.83

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TEL.: (819) 824-433
FAX: (819) 824-474

BOURLAMAQUE ASSAY LABORATORIES LTD.

CLAUDE CHOUINARD

LT-001

ÉCHANTILLONS / SAMPLES: Roche

RECU DE / RECEIVED FROM:

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

Nº 54880

VAL D'OR (QUÉBEC) le 6 juin 19 90

ANALYSES / ASSAYS: 1 Au/Pt/Pd, 1 Ag, 1 Cu, 1 Zr
1 Co, 1 Ni

Échantillon:	Rock chip
Au oz/ton:	N.D.
Pt oz/ton:	N.D.
Pd oz/ton:	0.008
Ag g/tonne:	to follow
Cu %:	2.84
Co %:	0.037
Ni %:	1.24

For Au, Pt & Pd N.D. means less than 0.002 oz/ton.
For base metals N.D. means less than 0.001%
For Ag N.D. means less than 1.0 g/tonne.

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUEBEC) J9P 4P5 TEL.: (819) 824-4337
FAX: (819) 824-4745

BOURLAMAQUE ASSAY LABORATORIES LTD.

CLAUDE CHOUINARD

LT-001

ECHANTILLONS / SAMPLES Roche

REÇU DE / RECEIVED FROM

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

N° 54791

VAL D'OR (QUÉBEC) le 23 mai 19

ANALYSES / ASSAYS 5 Au/Pt/Pd, 5 Ag, 5 Cu, 5 Zn, 5 Co, 5 Ni

Echantillon:	4201	4202	4203	4204	4205
Au oz/ton:	0.003	0.004	0.003	N.D.	N.D.
Pt oz/ton:	N.D.	N.D.	N.D.	N.D.	N.D.
Pd oz/ton:	N.D.	0.003	N.D.	0.003	0.003
Ag g/tonne:	2.0	2.0	2.0	N.D.	N.D.
Cu %:	0.785	0.595	0.620	0.214	0.420
Zn %:	0.004	0.003	0.003	0.001	0.001
Co %:	0.009	0.039	0.009	0.008	0.019
Ni %:	0.090	0.790	0.220	0.240	0.520

For Au, Pt & Pd N.D. means less than 0.002 oz/ton.
For base metals N.D. means less than 0.001%
For Ag N.D. means less than 1.0 g/tonne.

ANALYSTE / ASSAYER

APPENDIX 9

LETTER TO THE LEGAL DEPT., M.E.R.

MINORCA

MINISTERE DE L'ENERGIE ET DES RESSOURCES
Service des Contentieux
5700, 4e avenue Ouest
Niveau 1
Charlesbourg (Quebec)
G1H 6R1

November 14, 1991

Re.: NICOBI LAKE PROPERTY, LE TAC TOWNSHIP, QUEBEC.

To The Minister,

This letter is to inform you that Domtar (of Quevillon) has slashed (clear cut) certain areas of Le Tac township, Quebec. Commercial lumber was cut within the limits of our property (see attached map). The claim posts, which were spray painted with fluorescent paint and flagged were clearly visible and were marked this way, hoping that Domtar would leave them in place. However, the claim posts which were in the slashed areas were destroyed and are not in their respective places. I am informing you of the situation so as to deter any legal dispute that may arise from this situation.

Sincerely,

Joel Scodnick, B.Sc.,
President

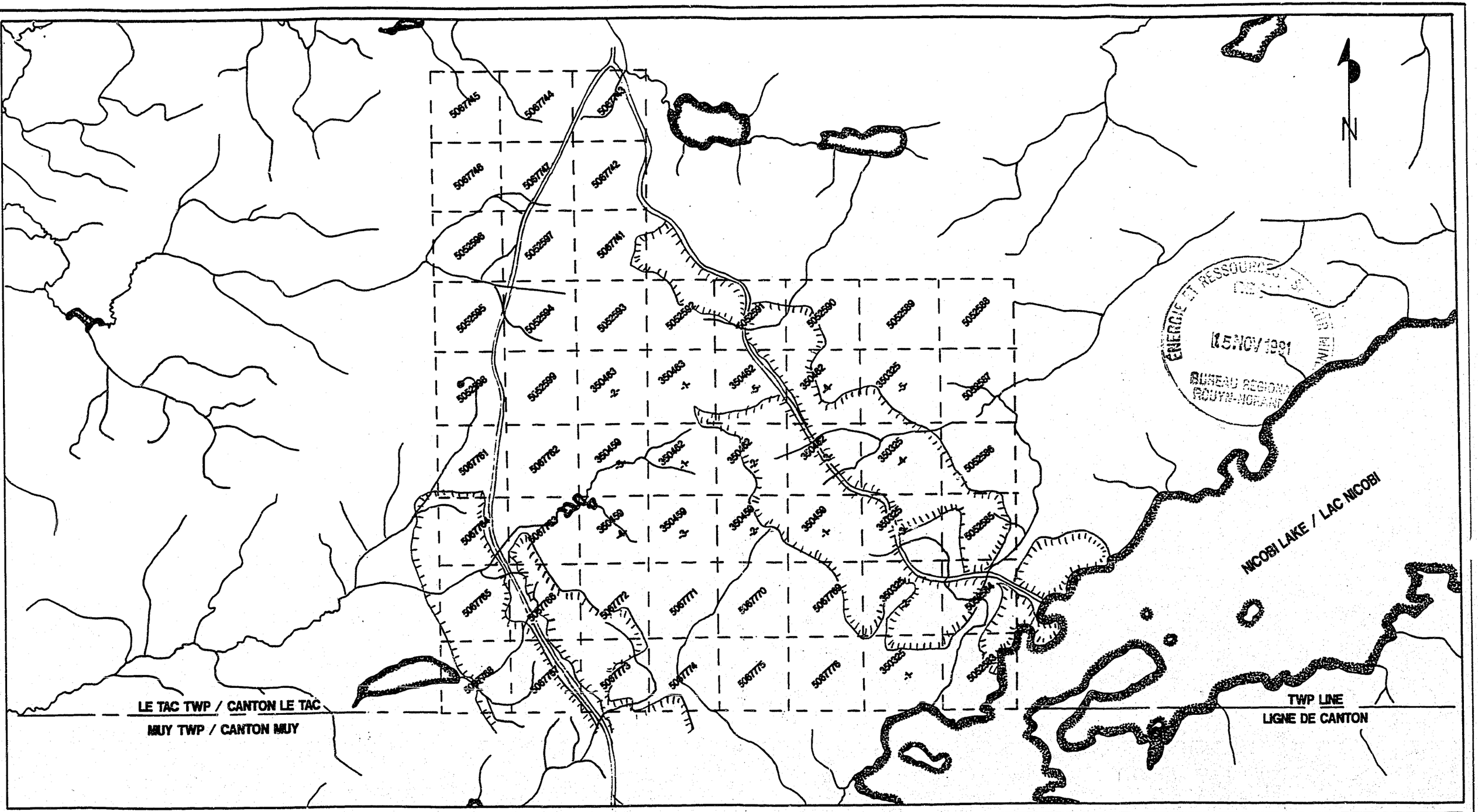
MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

RESSOURCES
MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
Siège Social
(819) 825-7033

Fax
(819) 825-6394



MINORCA RESOURCES LTD./ RESSOURCES MINORCA LTEE.

NICOBI LAKE PROPERTY/ PROPRIETE LAC NICOBI

SCALE / ECHELLE 1 : 20,000

SLASHED (CLEARED) BY DOMTAR.

GEOFACT INC.

CLAIM MAP

CARTE DE CLAIMS

Figure No.3

APPENDIX 10

PRESS RELEASES

MINORCA

PRESS RELEASE

NOVEMBER 23, 1990
VSE TRADING SYMBOL: MYR

MASSIVE SULPHIDES ENCOUNTERED IN DRILL HOLE NIC-90-1 ON THE NICOBI LAKE PROPERTY

An impressive **42.7m** wide copper-nickel (Cu-Ni) sulphide zone has been encountered in drill hole #NIC-90-1. Disseminated sulphides, stringers, semi-massive and massive sulphides dominate the first 42.7m of this section. From 42.7m to 78.7m, the gabbro is mineralized with 3-15% Cu-Ni sulphides (ave.: 3-5%) until the lower contact is reached with the granite. This showing had been previously probed by diamond drilling in the early 1960's but the core had only been analyzed for copper and nickel; massive sulphides as have been found now have not been discovered in the past. A brief description of the core follows:

0 - 10.3m: 3-40% Cu-Ni sulphides (ave.: 10-15%).
  8.5 - 10.0m: Cu-rich zone with 10-12% chalcopyrite locally.
10.3 - 22.2m:5% disseminated Cu-Ni sulphides.
22.2-23.0m:**MASSIVE SULPHIDES:** 55% Cu sulphides and 25% Ni sulphides.
23.0 - 25.8m:3-5% disseminated Cu-Ni sulphides.
25.8 - 28.8m: **MASSIVE SULPHIDES:** up to 90% sulphides (ave.: 55-60%), mainly Ni sulphides.
28.8 - 42.7m: 3-15% disseminated Cu-Ni sulphides, (ave.: 5%).
42.7 - 78.7m: 3-15% Cu-Ni sulphides (ave.: 2-3%).

Sampling during this summer returned copper values up to 1.53%, nickel as high as 1.82%, cobalt up to 0.04% and palladium up to 140 ppb (see press releases of June 15 & August 20, 1990). The samples will be analyzed for copper-nickel-cobalt-silver-gold-zinc-platinum-palladium & rhodium. The core is presently being split and should be in the lab by this week-end,with results being available by sometime next week. The Nicobi Lake Property is located in Le Tac township about 30 km east of VSM's Grevet deposit which hosts some 10 million tons of copper-zinc-silver ore. The open pit potential of the Nicobi property is what makes it so attractive. It appears quite evident that the Quevillon base metal camp is shaping up to be Quebecs next biggest play, where exploration has become very active. Minorca's directors are contemplating in which way they will proceed in order to raise funds for further drilling on the Nicobi property and to commence a drilling campaign on Santa Anna. A private placement in Quebec is most likely.

ON BEHALF OF THE BOARD OF DIRECTORS,

JOEL SCODNICK, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

RESSOURCES
MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
Siège Social
(819) 825-7033

Fax
(819) 825-6394

MINORCA

PRESS RELEASE

NOVEMBER 30, 1990
VSE TRADING SYMBOL: MYR

HIGH GRADE COPPER AND NICKEL VALUES RETURNED ON THE NICOBI LAKE PROPERTY, QUEBEC

A recently completed drill hole on the Nicobi Lake property has returned some spectacular assays. Massive sulphide sections have returned up to 14.9% copper (Cu), 6.96% nickel (Ni), 0.10% cobalt (Co), 0.02% zinc (Zn) and 277 ppb gold (Au). Only the first batch of results are in from the lab which represent the first 39.01m. Assays for the balance of the hole are expected shortly, and these will include samples that have been assayed for platinum and palladium. From 1.40m to 39.01m (a core length of 37.61m), the section averages 0.75% Cu and 0.89% Ni. A detailed description of this section follows:

DDH #	FROM (m)	TO (m)	CORE LENGTH (m)	Cu (%)	Ni (%)	Co (%)
NIC-90-1	1.40	39.01	37.61	0.75	0.89	
incl.	3.77	37.20	33.43	0.81	0.98	
incl.	3.77	9.83	6.06	0.42	0.75	0.02
	13.16	19.00	5.84	0.14	1.07	
incl.	17.24	17.77	0.53	0.07	6.96	0.10
	21.70	37.20	15.50	1.48	1.38	0.02
incl.	22.20	23.02	0.82	14.90	2.34	0.03
incl.	25.83	26.83	1.00	2.15	4.05	0.06
incl.	26.83	27.83	1.00	0.30	5.59	0.07
incl.	27.83	28.83	1.00	0.19	5.75	0.07
incl.	28.83	29.49	0.66	3.60	1.02	0.02
incl.	31.18	32.00	1.18	3.17	0.27	
incl.	33.22	33.77	0.55	0.11	0.84	0.05
incl.	35.97	36.60	0.63	0.06	0.50	0.01
incl.	36.60	37.20	0.60	0.25	1.24	0.02

The most impressive massive sulphide zone from 25.83m to 29.49m (core length of 3.66m) assayed **1.37% Cu, 4.39% Ni & 0.06% Co.** The true width of the 37.61m wide zone is assumed to be about 26m, or about 2/3 of the length of the section.

The Nicobi Lake property appears to be situated at the eastern extension of the Cameron deformation corridor which measures from 500m to 4km wide. We feel that this rather wide deformation zone may be responsible for the mineralization found on the property. The property has been worked in the late 1950's and early 1960's and has only been explored for copper and nickel. Based on the results so far obtained, the chances of bringing this property into an open pit operation are very good. The president is presently speaking to several majors and financing firms in order to raise funds to further explore and develop the property.

ON BEHALF OF THE
BOARD OF DIRECTORS

JOEL SCODNICK, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

RESSOURCES
MINORCA LTÉE
1218, 6e Rue,
C.P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
Siège Social
(819) 825-7033

Fax
(819) 825-6394

MINORCA

PRESS RELEASE

DECEMBER 04, 1990
VSE TRADING SYMBOL: MYR

PLATINUM AND PALLADIUM VALUES RETURNED ON THE NICOBI LAKE PROPERTY, QUEBEC

High concentrations of platinum (Pt) and palladium (Pd) have been returned in fourteen out of thirty-nine drill core samples remitted to the lab. The Pt & Pd concentrations are associated with the high copper-nickel-cobalt values which were made public in the last news release of November 30, 1990, which included values as high as 14,9% Cu, 6,96% Ni, 0,10% Co and 0,28g/t Au. Only one hole was drilled to a depth of 107.02m, in order to test the sulphide deposit for platinoids, cobalt and base metals. The following intersections for Pt & Pd were obtained from DDH #NIC-90-1:

FROM (m)	TO (m)	CORE LENGTH(m)	Pt (g/t)	Pd (g/t)
2.28	3.77	1.49	0.12	0.10
3.77	4.50	0.73	0.03	0.19
4.50	5.50	1.00	0.06	0.14
9.33	9.83	0.50	0.12	0.28
13.16	14.68	1.52	0.04	0.11
17.24	17.77	0.53	0.15	0.10
22.20	23.02	0.82	Pending	Pending
25.83	26.83	1.00	0.36	0.60
26.83	27.83	1.00	0.03	0.19
27.83	28.83	1.00	0.01	0.13
28.83	29.49	0.66	0.10	0.19
31.18	32.00	0.82	0.15	0.18
33.22	33.77	0.55	0.22	0.23
36.60	37.20	0.60	0.01	0.12

It appears at this stage, according to old drill data from the 1950's and 1960's that there is a high grade ore shoot which begins at the surface and could be followed to a depth of at least 100m. The deposit is open along strike and at depth and is apparently getting wider. It also appears that we are looking at a mineralized zone measuring from 40m to over 60m wide. The addition of Pt & Pd in the mineralized system makes this quite a unique deposit in the Quebec region and warrants much more work.

ON BEHALF OF THE BOARD OF DIRECTORS

JOEL SCODNICK, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec.
Canada, J9P 5Y9

RESSOURCES
MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec.
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
Siège Social
(819) 825-7033

Fax
(819) 825-6394

MINORCA

PRESS RELEASE

December 6, 1990
VSE TRADING SYMBOL: MYR

NEW PLATINUM, PALLADIUM & SILVER ASSAY RETURNED ON THE NICOBI LAKE PROPERTY, QUEBEC

Previous sampling of drill hole # NIC-90-1 has returned some encouraging platinum and palladium values associated with high grade copper and nickel zones within a gabbroic intrusion which is well mineralized for the first 42m and slightly mineralized for the next 36m (see Press Releases of 30-11-90 & 4-12-90). Up to now, the best Pt value returned was 0.36g/t and 0.60 Pd in a massive sulphide zone. Sample # 17656 has returned 0.82m of 14.9% Cu, 2.34% Ni, 0.03% Co, 0.07g/t Au, 0.02% Zn. This copper-nickel enriched zone also contains **1.05**g/t Platinum, **1.08**g/t Palladium and **26**g/t Silver. This recent assay represents a discovery of precious metals associated with the base metals and is making Nicobi into a very attractive deposit. In terms of dollar value, sample # 17656 would be worth about $565/ton. Previous drilling, along with hole # NIC-90-1 indicates that the mineralized zone is 27m wide on surface, 45m wide (depth of 23m) at 11+24mE, 52m wide (depth of 32m) at 11+10mE, 45m wide (depth of 40m) at 10+95mE, 70m wide (depth of 80m) at 10+86mE, 30m wide (depth of 70m) at 10+49mE.

It seems obvious at this stage, assuming that the zone is near vertical, that it is getting wider at depth and the system is open in all directions. Project geologist Graham Long feels that the high grade zones parallel the granitic contact which dips at about 58° to the west and may represent remobilized ore. The longitudinal section which is now complete, shows that the zone can be followed for 100m along strike and to a depth of 115m.

ON BEHALF OF THE BOARD OF DIRECTORS

JOEL SCORNICK, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

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MINORCA LTÉE
1218, 6e Rue,
C.P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
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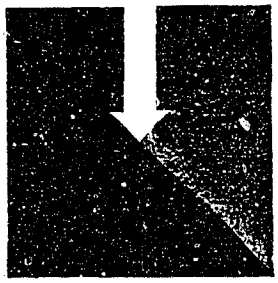
(819) 825-7033

Fax
(819) 825-6394



MINORCA

PRESS RELEASE

APRIL 30, 1991
VSE TRADING SYMBOL: MYR

MINORCA HITS WIDE INTERSECTIONS ON THE NICOBI LAKE BASE METAL PROPERTY LE TAC TOWNSHIP, QUEBEC

Two diamond drill holes of a twelve hole program consisting of 915 metres are being logged and sampled for base metals and platinum group metals. Hole# NIC-91-2 intersected a mineralized zone measuring 35.48 metres wide, including three distinct massive sulphide zones measuring 4.7m, 0.39m & 0.36m respectively. The entire zone is comprised of disseminated nickel and copper sulphides, stringers and massive sections.

Hole# NIC-91-3 was drilled underneath hole #2, and intersected three distinct mineralized sections measuring 26.5m, 11.0m & 6.0m respectively. These zones are an extension of hole #2 which was drilled in order to show the depth potential. Previous results from last years program revealed high grade nickel values of 6.96%, 14.9% Cu, 0.10% Co, 26 g/t Ag, 1.05 g/t Pt & 1.08 g/t Pd. Results are pending and will become public very shortly. This diamond drill program is being conducted in order to further define this "A" ZONE at depth and along strike. According to Minorca's geologist, the "A" ZONE appears to be hosted within a tabular mineralized gabbro. These two holes were drilled through and beyond a known zone that was previously tested to a depth of 35m, for copper and nickel back in the late 1950's and early 1960's. Our visual inspection of the core shows that the zone continues down to 70m vertical and is open at depth. It should also be noted that the mineralization from hole #2 comes in at about 24m and from hole #3 at 20m, again showing the open pit potential.

ON BEHALF OF THE BOARD OF DIRECTORS

Jdel Scodnick, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

RESSOURCES
MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
Siège Social
(819) 825-7033

Fax
(819) 825-6394

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PRESS RELEASE

Wednesday, May 8, 1991
VSE Trading Symbol: MYR

NEW BASE METAL DISCOVERY ON THE NICOBI LAKE PROPERTY LE TAC TOWNSHIP, QUEBEC

Substantial amounts of copper-nickel sulphides with an appreciable amount of cobalt are present in the first two holes that were drilled and assayed. The first hole (NIC-91-2) drilled at -45 degrees intersected a mineralized zone from 7.00m to 59.97m and measured 52.97m wide (52m true width). The second hole (NIC-91-3) drilled at -65 degrees intersected a mineralized zone from 12.64m to 80.26m and measured 67.62m wide (57m true width). Both of these holes were drilled to the south and were located approximately 20m north of the surface showing.

Two new mineralized zones were discovered, the "B" Zone which was intersected at a vertical depth of about -32m in hole #2 and at a vertical depth of -50m in hole #3, and the "C" Zone was intersected in hole #3 at a vertical depth of about -60m. Disseminated sulphides, stringers, semi-massive and massive sulphides have been discovered in the first two drill holes. All of the samples are presently being assayed for copper, nickel and cobalt for the other holes, however, a good portion of these will be re-assayed for gold, silver, platinum, palladium and rhodium.

All three zones ("A", "B" & "C") are open along strike and at depth. It has been determined so far that the three high grade zones are hosted within a tabular orebody striking in an east-west direction and dipping at about 55 degrees to the north. Previous drilling on the "A" Zone outlined a cylindrical orebody with only limited dimensions. Our drill holes have shown us quite a different picture such that the "A" Zone is increasing in size with depth and that other parallel zones exist. An operating cost for an open pit mine is in the range of $40/ton and all of the zones so far delineated are above this figure. The following assays have been returned for drill hole# NIC-91-2:

	FROM	TO	INTERVAL	Cu	Ni	Co	$/TON	
	24.18m	25.67m	1.49m	0.38%	0.67%	0.02%	$80	
incl.	25.00m	25.67m	0.67m	1.62%	0.81%	0.02%	$108	
	32.53m	37.23m	4.70m	0.73%	3.94%	0.09%	$362	
incl.	32.53m	33.45m	0.36m	0.36%	3.09%	0.08%	$282	
incl.	33.45m	34.10m	0.65m	PENDING				
incl.	34.10m	34.85m	0.75m	0.44%	3.95%	0.07%	$351	"A" ZONE
incl.	34.85m	35.05m	0.20m	6.21%	2.45%	0.04%	$350	
incl.	35.05m	35.31m	0.26m	0.78%	3.78%	0.06%	$342	
incl.	35.31m	36.40m	1.09m	0.86%	5.38%	0.16%	$502	
incl.	36.40m	37.23m	0.83m	0.46%	6.46%	0.10%	$564	
	41.34m	45.39m	4.05m	0.24%	0.46%	0.01%	$46	

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1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

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MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
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(819) 825-7033

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	46.17m	46.75m	0.58m	0.29%	0.88%	0.02%	$84	
	48.00m	50.42m	2.42m	0.28%	1.74%	0.04%	$159	"B" ZONE
incl.	48.00m	48.35m	0.35m	0.29%	3.50%	0.08%	$314	
incl.	48.35m	49.26m	0.91m	0.47%	1.77%	0.03%	$163	
incl.	49.26m	49.61m	0.35m	PENDING				
incl.	49.61m	50.42m	0.81m	0.19%	1.71%	0.05%	$158	
	51.38m	52.65m	1.27m	0.32%	1.32%	0.03%	$123	
	54.10m	54.44m	0.34m	0.91%	0.46%	0.01%	$61	"C" ZONE
	55.37m	56.40m	1.03m	0.97%	0.69%	0.01%	$81	
incl.	55.37m	55.73m	0.36m	2.18%	1.17%	0.02%	$150	
incl.	55.73m	56.40m	0.67m	0.32%	0.43%	0.01%	$45	
	57.53m	57.95m	0.42m	0.18%	0.39%	0.02%	$41	
	58.96m	59.66m	0.70m	0.23%	0.68%	0.03%	$69	

The following assays have been returned for drill hole #NIC-91-3:

	FROM	**TO**	**INTERVAL**	**Cu**	**Ni**	**Co**	**$/TON**	
	30.14m	42.00m	11.86m	0.21%	0.51%	0.02%	$52	"A" ZONE
incl.	33.00m	33.80m	0.80m	0.48%	2.48%	0.06%	$230	
	55.50m	58.00m	2.50m	0.14%	0.75%	0.03%	$73	"B" ZONE
incl.	57.34m	58.00m	0.66m	0.15%	1.24%	0.04%	$114	
	70.50m	72.20m	1.70m	0.25%	1.14%	0.02%	$104	
incl.	70.50m	71.20m	0.70m	0.70%	0.34%	0.~~03~~08%	$78	"C" ZONE
incl.	71.20m	71.70m	0.50m	0.12%	2.28%	0.04%	$200	

Several infill samples are pending for both holes and will be mentioned in a subsequent press release. It should be noted that the three zones mentioned are characterized by heavy sulphide concentrations and the areas in between contain disseminated suphides. The "A" Zone measures from 3.5m to 13m wide, the "B" Zone measures 8m to 9m wide and the "C" Zone measures 6m to 7m wide.

Drill holes #NIC-91-4 & 5 were collared about 12m to the east and are presently being logged and split for assay. Hole #4 intersected a mineralized zone from 7.00m to 57.62m. Very similar mineralization is present in this hole, with some sections containing as much as 30% of copper-nickel sulphides. Hole #NIC-91-5 intersected mineralized zones from 13.44m to 51.00m. Heavy sulphide concentrations occur from 23.79m to 51.00m, with concentrations of up to 40% of copper-nickel sulphides.

ON BEHALF OF THE BOARD OF DIRECTORS

Joel Scodnick, B.Sc., Geologist
President, Director

MINORCA

PRESS RELEASE

Thursday, May 16, 1991
VSE Trading Symbol MYR

WIDE COPPER-NICKEL ZONES INTERSECTED

NICOBI LAKE PROPERTY, LE TAC TOWNSHIP, QUEBEC

A layered gabbroic complex has been identified on the Nicobi Lake property which comprises up to three base metal zones, being more or less parallel. Extensive widths up to 36.88m (121') containing economic grades for copper, nickel & cobalt have been returned for the first five drill holes. Hole #NIC-91-2 returned **36.88m (121') of 0.29% Cu, 0.84% Ni & 0.03% Co** and hole #NIC-91-6 which is located about 11.2m (36.7') west of hole#2 returned **31.66m (103.9') of 0.35% Cu, 0.73% Ni & 0.02% Co** including **24.15m (79.2') of 0.36% Cu, 0.90% Ni & 0.02% Co** for the "A" Zone. The "B" Zone was intersected and returned **7.2m (23.6') of 0.26% Cu, 1.00% Ni & 0.02% Co.** The "C" Zone returned **4.15m (13.6') of 0.11% Cu, 0.46% Ni & 0.01% Co.** Hole #'s NIC-91-4 & 5 are collared 11m (36') east of hole #2 & 3. Hole #'s NIC-91-7 & 8 are presently being logged and split. Hole #7 was collared from the same location as #6 but drilled at -70 degrees in order to intersect the down dip extension. Hole #7 is mineralized from 15m (49.2') to 78.08m (256.2'), and hole #8 is mineralized from 11.00m (36.1') to 69.08m (229.0'). Both of these holes (#7 & #8) contain sections of disseminated, semi-massive and massive sulphides.

The drill core contains several distinct layers. The chances of finding a large tonnage deposit is much greater due to this layering. It should also be noted that the copper-nickel ore is of a primary origin and thus increases the chances tremendously for finding a big deposit. The true widths of the intersections shown below are approximately 80% - 90% of the core lengths.

Meanwhile, some prospecting has been conducted in the northwestern part of the property and a shear zone measuring 275m (900') wide has been discovered. The shear is located within an east-west striking quartz-muscovite-sericite schist and contains quartz veins with tourmaline and pyrite. This zone represents a good target area for gold mineralization and will be mapped in detail in the near future.

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P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

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Canada, J9P 5Y9

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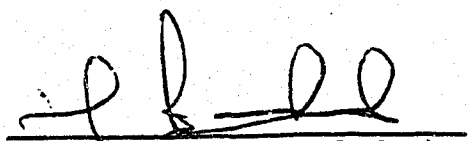
		$/tc
NIC-91-2		
	19.52m (64.0') to 56.40m (185.0'), 36.88m (121.0') of: 0.29% Cu, 0.84% Ni, 0.03% Co	82
incl.	32.53m (106.7') to 37.23m (122.2'), 4.70m (15.5') of: 0.73% Cu, 3.94% Ni, 0.09% Co	362
NIC-91-3		
	30.14m (98.9') to 42.00m (137.8'), 11.86m (38.9') of: 0.21% Cu, 0.51% Ni, 0.02% Co	52
	55.50m (182.1') to 58.00m (190.3'), 2.50m (8.2') of: 0.14% Cu, 0.75% Ni, 0.03% Co	73
	70.50m (231.3') to 72.20m (236.9'), 1.70m (5.6') of: 0.25% Cu, 1.14% Ni, 0.02% Co	104
NIC-91-4		
	7.00m (23.0') to 24.00m (78.7'), 17.00m (55.7') of: 0.17% Cu, 0.30% Ni, 0.01% Co	31
incl.	20.00m (65.6') to 22.50m (73.8'), 2.50m (8.2') of: 0.22% Cu, 0.54% Ni, 0.02% Co	54
	56.50m (185.4') to 57.62m (189.1'), 1.12m (3.7') of: 0.15% Cu, 0.95% Ni, 0.02% Co	86
NIC-91-5		
	31.00m (101.7') to 33.00m (108.3'), 2.00m (6.6') of: 0.25% Cu, 0.42% Ni, 0.02% Co	45
	35.50m (116.5') to 53.10m (174.2'), 17.60m (57.7') of: 0.24% Cu, 0.46% Ni, 0.01% Co	46
incl.	36.00m (118.1') to 49.00m (160.8'), 13.00m (42.7') of: 0.30% Cu, 0.57% Ni, 0.02% Co	59
NIC-91-6		
	12.84m (42.1') to 44.50m (146.0'), 31.66m (103.9') of: 0.35% Cu, 0.73% Ni, 0.02% Co	73
incl.	20.35m (66.8') to 44.50m (146.0'), 24.15m (79.2') of: 0.36% Cu, 0.90% Ni, 0.02% Co	87
	50.90m (167.0') to 58.10m (190.6'), 7.20m (23.6') of: 0.26% Cu, 1.00% Ni, 0.02% Co	93
incl.	54.29m (178.1') to 58.10m (190.6'), 3.81m (12.5') of: 0.39% Cu, 1.62% Ni, 0.03% Co	149
	63.95m (209.8') to 68.10m (223.4'), 4.15m (13.6') of: 0.11% Cu, 0.46% Ni, 0.01% Co	43

ON BEHALF OF THE BOARD OF DIRECTORS



Joel Scodnick, B.Sc., Geologist
President, Director

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FOR MORE INFORMATION, PLEASE CONTACT JOEL SCODNICK AT (819) 762-3158.

MINORCA

PRESS RELEASE

Friday, May 31 1991
VSE TRADING SYMBOL: MYR

63.08m (207') WIDE COPPER-NICKEL ZONE ON NICOBI LE TAC TOWNSHIP, QUEBEC

A mineralized zone measuring up to 55m (180') wide (true width) comprised of copper and nickel sulphides with cobalt has been delineated so far on the property by a diamond drilling program. Drill hole #NIC-91-7 (drilled underneath #6) intersected a mineralized zone which measures 63.08m (207') wide grading 0.21% Cu, 0.42% Ni & 0.01% Co. The "A" & "B" Zones are shown below with nickel grading on average up to 0.74%. Drill holes #NIC-91-8 & 9 were drilled 11.2m (37') to the west. Because the base metal deposit is plunging about 55 degrees to the west, hole #8 failed to intersect significant values as it was drilled above the zone. Hole #9, however, drilled underneath #8 intersected both the "A" & "B" Zones. The "A" Zone intersected 14.17m (46.5') of 0.17% Cu, 0.59% Ni & 0.01% Co. The "B" Zone, which ended in mineralization returned 12.15m (39.9') of: 0.14% Cu, 0.58% Ni & 0.01% Co. In the "B" Zone, a very high grade intersection over 1.20m (4') returned **0.57% Cu, 3.98% Ni & 0.07% Co.** This value represents the highest nickel and cobalt concentration ever discovered on the property at this vertical depth of 90m (295'). All of the higher grade intersections are comprised of disseminated sulphides, usually between 2-5%, semi-massive and massive sections. A detailed list of the assays are shown below.

Meanwhile, Minorca has just signed an option agreement today on a group of 15 claims located in Le Tac township, just east and west of the Nicobi East property. An agreement has been submitted to the various regulatory authorities for approval. Minorca will remit 75,000 common shares upon approval and 50,000 common shares on the first anniversary date. Large angular boulders comprised of massive sulphides with 2-5% copper sulphides were found after making a short visit to the property. Outcrop containing massive sulphides were also discovered over a very strong geophysical anomaly which can be followed on Minorca's ground for four kilometres (2.5 mi). The samples will be sent to the lab today for assaying. Also, holes NIC-91-10, 11 & 12 have been logged and split and assays are pending.

		$/ton
NIC-91-7		
	15.00m (49.2')- 78.08m (256.2'), 63.08m (207') of: 0.21% Cu, 0.42% Ni, 0.01% Co	38
incl.	34.00m (111.6') - 71.50m (234.6'), 37.50m (123.0') of: 0.24% Cu, 0.53% Ni, 0.01% Co	48
incl.	34.00m (111.6') - 45.58m (149.5'), 11.58m (37.9') of: 0.32% Cu, 0.74% Ni, 0.02% Co	66
incl.	61.00m (200.1') - 71.50m (234.6'), 10.50m (34.5') of: 0.25% Cu, 0.67% Ni, 0.01% Co	58
NIC-91-8		
	40.00m (131.2') - 40.50m (132.9'), 0.50m (1.7') of: 0.20% Cu, 1.60% Ni, 0.03% Co	130
	45.00m (147.6') - 47.50m (155.8'), 2.50m (8.2') of: 0.41% Cu, 0.50% Ni, 0.03% Co	54
NIC-91-9		
	45.83m (150.4') - 60.00m (196.9'), 14.17m (46.5') of: 0.17% Cu, 0.59% Ni, 0.01% Co	50
incl.	45.83m (150.4') - 46.65m (153.1'), 0.82m (2.7') of: 0.38% Cu, 1.05% Ni, 0.02% Co	90
incl.	48.00m (157.5') - 49.50m (162.4'), 1.50m (4.9') of: 0.31% Cu, 0.94% Ni, 0.02% Co	81
incl.	55.00m (180.5') - 57.00m (187.0'), 2.00m (6.5') of: 0.16% Cu, 1.29% Ni, 0.04% Co	109
	86.17m (282.7') - 98.32m (322.6'), 12.15m (39.9') of: 0.14% Cu, 0.58% Ni, 0.01% Co	48
incl.	86.17m (282.7') - 87.37m (286.7'), 1.20m (4.0') of: **0.57% Cu, 3.98% Ni, 0.07% Co**	323

ON BEHALF OF THE BOARD OF DIRECTORS

Joel Scodnick, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec,
Canada, J9P 5Y9

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MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec,
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
(819) 762-3158

Head Office /
Siège Social
(819) 825-7033

Fax
(819) 825-6394

FOR MORE INFORMATION PLEASE CONTACT

MINORCA

PRESS RELEASE

Tuesday, July 16, 1991
VSE Trading Symbol: MYR

DOWNDIP EXTENSION INTERSECTED ON THE NICOBI LAKE PROPERTY, QUEBEC

The downdip extension of the "A" Zone was intersected by drill holes NIC-91-11 & NIC-91-12 which were collared 25m (82') north of hole #2. Hole #2 returned **36.88m (121.0') of 0.29% Cu, 0.84% Ni & 0.03% Co** (see press release of 16-05-91). Both of these holes ended in mineralization and will be extended in the next drill program. Hole #10 was collared too far north and did not intersect the high grade zones as it appears to be getting near vertical with depth, however, a mineralized zone measuring 31.50m (103.4') wide of low grade material was intersected. Hole #11 intersected a mineralized zone 52.28m (171.5') wide. The "A" Zone was intersected and returned 12.64m (41.5') of **0.31% Cu, 0.58% Ni & 0.02% Co ($58/ton)**. Within this zone, there is 1.50m (4.9') of **0.76% Cu, 1.35% Ni & 0.03% Co ($132/ton)**. Hole #12, which was just getting into the main zone was stopped as the program was ended, however, a mineralized zone 30.30m (99.4') wide was intersected. Within this zone, there was 19.54m (64.1') of 0.18% Cu, 0.22% Ni & 0.01% Co. Several assays are pending for gold, silver and platinum group metals, which are expected shortly.

Meanwhile, Minorca has been approached by a few companies regarding the possibility of a joint venture on the Nicobi Lake property. Minorca is presently seeking funding for the project to take it to the next stage of exploration.

ON BEHALF OF THE BOARD OF DIRECTORS

Joel Scodnick, B.Sc., Geologist
President, Director

MINORCA
RESOURCES LTD
1218, 6th Street,
P.O. Box 1728
Val d'Or, Quebec.
Canada, J9P 5Y9

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MINORCA LTÉE
1218, 6e Rue,
C. P. 1728
Val d'Or, Québec.
Canada, J9P 5Y9

Exploration Office /
Bureau Exploration
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Head Office /
Siège Social
(819) 825-7033

Fax
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JOEL SCODNICK @ (819) 762-3158.