GM 59247

QUALIFICATION REPORT ON THE SAKAMI PROPERTY

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MATAMEC EXPLORATIONS INC.

QUALIFICATION REPORT ON THE SAKAMI PROPERTY

(BAIE-JAMES MUNICIPALITY)
PROVINCE OF QUEBEC
CANADA

(NTS: 33 F/02)

MRN-GÉOINFORMATION 2002

GM 59247

VAL-D'OR, QUÉBEC
OCTOBER 28, 1999

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SUMMARY

At the request of the administrators Matamec Explorations Inc. (Matamec), Géologica Groupe-Conseil Inc. (Geologica), was mandated to realize a qualification report on the Sakami property in the James Bay area of Quebec (Canada).

The Sakami property is located 80 km SE of Radisson and 30 km east of the Matagami-Radisson highway leading to the LG2 Hydroelectric complex in NW Quebec, east of James Bay. The access is possible by boat, 34 km south of LG3 road or by plane directly on the site via the lake Sakami.

The Sakami property consists of 76 claims totalling 1216 hectares and the permission for 20 other claims within the actual limit of the property (see appendix I for details).

The first recorded exploration work in the area dates back to 1950. Regional programs followed until interest and mining activity increased in the early 1990`s and recently in 1997. Early work involved on the property was the prospection surveys by Luc Lamarche and J. R. Lavallée in 1998-99.

The property lie in the La Grande sub-province, the northern most of four in the Superior Geological Province. This region is underlain by a complex assemblage of plutonic masses and orthogneisses within which are located several, relatively narrow and isolated, volcano-sedimentary belts of Archean Age. These greenstone belts have yielded since 1991 discoveries of high grade Gold occurrences in and around shear related quartz veining associated to Iron Formations.

The Sakami property is predominantly underlain by volcano-sedimentary sequences. The area offers a different set of geological contexts that historically have shown to be favourable environments for locating precious and base metal deposits.

In 1998-99 a prospecting survey on the property was realized. The mineralization is located in sediments and in sulphide-bearing Iron Formations. The common sulphides are mainly pyrrhotite and arsenopyrite with gold values up to 18.8 g/t obtained in this environment where the structural features are very complexes. This type of mineralization corresponds to the model of stratiform type of gold-bearing Iron Formation as observed at the Lupin Mines in NWT (Canada) with reserves of 2,02 million tons at 9,2 g/t Au (0,27 oz/t) and Homestake Mine in South Dakota (USA) with reserves of 11,1 million tons at 7,2 g/t Au (0,21 oz/t) (December 1998) or since 1876 a total production of 1100 tons Au (or 35 million ounces of gold) which are two deposits reknown as World Class Deposits.

Following the success obtained during the prospecting survey in 1998 and 1999, authors recommend a follow up exploration program to be conducted in two phases. The first phase consists in line cutting, systematic ground geophysical surveys, stripping with mapping and sampling as well as preliminary diamond drilling to test the best targets on the property. The second phase consists of diamond drilling to test and evaluate the best targets that were found during the first phase. To successfully realise this exploration program, a total budget of 1 000 000 US$ is recommended.

INTRODUCTION

At the request of the administrators Matamec Explorations Inc. (Matamec), Géologica Groupe-Conseil Inc. (Géologica), was mandated to realize a qualification report on the Sakami property in the James Bay area of Québec (Canada).

All relevant documents and maps were carefully reviewed by the authors at the offices of MATAMEC and at the offices of the Ministry of Natural Resources in Val-d'Or (Québec). Reports and geoscientific data (geological, geophysical, topographic, claim status, etc.) published by the same ministry and the Geological Survey of Canada have also been reviewed. The authors have not visited this property but based on reports completed for others projects in this area, and elsewhere in the Greenstone Belts of Abitibi they can confirm the described geological and metallogenic potential of the immediate area.

EXPLORATION HISTORY

The James Bay area was initially mapped by the **Geological Survey of Canada** in 1957-1959 at a scale of 1inch = 8miles. A map and report were issued respectively by Lee, Eade, and Heywood (1959) and later Eade (1966).

In 1972, **Canadian Nickel Co. (INCO)** performed geological mapping, radiometric and magnetometric surveys. The company drilled targets associated to the interface of metasedimentary and ultramafic formations. Several Ni and Uranium intersections were obtained, mainly immediately west of the Sakami property. Today, part of this area is covered by a Mineral Exploration Permit (MEP) owned by Virginia Gold Mines.

Homestake Mineral Development Company performed selective lithogeochemical surveys in the general area of Yasinski Lake in 1987. The results identified many anomalous areas where gold values reached 300 ppb, and Palladium and Platinum peaked at 176ppb and 35 ppb respectively.

The **Quebec Ministry of Natural Resources** returned to the area in 1996 and performed 1:50 000 scale geological map for N.T.S. 33 F/02, 33F/07 and 33 F/10, which has recently been published (MB 97-02).

In the summer of 1998 and 1999, **Mr. Luc Lamarche** and **J. R. Lavallée** realised a prospection and geological surveys for emeralds on the Sakami property. During these surveys a **gold discovery** was done within Iron Formations. A sequence of sedimentary rocks was recognised during these campaigns and several samples were collected and assayed for mainly Au, Cu, Zn, Ag and As. Four bands of Iron-Formations were interpreted using trenching and magnetic surveys and three of these bands were recognised and sampled for gold in the field. Several good results were obtained up to 18.8 g/t Au in grab samples.

REGIONAL GEOLOGY

This vast territory lies within a hydrographic bassin that drains the eastern shore of James-Bay. This territory occupies the central portion of the geological Superior Province which comprises four geological sub-provinces which are from north to south, the sub-provinces of La Grande, Opinaca, Némiscau and Opatica. These sub-provinces are constituted of volcano-plutonic and/or metasedimentary groups which are cross-cut by numerous E-W to W-NW and E-NE shears (Figure 4). Previous and recent exploration work has principally been conducted within volcanic-sedimentary bands (greenstone belts) of these sub-provinces. Several base metal showings of the

volcanogenic massive sulphide type as well as precious metal showings of shear-vein, porphyry type and gold-bearing Iron Formations are present within these bands.

Mineral Exploration and Economic Geology in the James Bay Area

The latest wave of exploration, began in the early 1990`s and several junior mining companies have had prominent success with the discovery of many significant high-grade showings. As a result, several compagnies have been attracted to this area, notably Inco(1970-75), Noranda, Barrick, Falconbridge, Soquem, Cominco, Dianor, Sirios, Virginia Gold Mines and more recently Cambior.

These discoveries have been attributed in part to geophysical and geochemical methods which have been adapted to the particular conditions of the James-Bay lowlands. The strong association of arsenic to gold in the host rock often leads to anomalous arsenic values in surface and lake sediments. On a regional scale, persistent magnetic anomalies are attributable and can be followed to trace out the Iron Formations which may have associated gold mineralization.

Recently, discoveries from other geological contexts have expanded the economic potential of this area, namely, base and precious metals associated with disseminated sulphides along major shears and shear zones and the potential for porphyry-type mineralization and gold-bearing iron formations.

Investment in mineral exploration over the entire territory of James Bay in 1997 was 9,25M$ which included 2M$ of financial assistance from the Quebec Government through its Financial Assistance to Exploration Program. The number of meters in combined diamond drilling programs in 1997 was 44 885 m on part of a total of 48 exploration projects in the area .

SAKAMI PROPERTY

Location, Access, Topography and Status

The Sakami property is located 80 km SE of Radisson and 30 km east of the Matagami-Radisson highway leading to the LG2 Hydroelectric complex in NW Quebec, east of James Bay. The access is possible by boat, 34 km south of LG3 road or by plane directly on the site via Lac Sakami. The topography is relatively plane in this area and the property is dominated by the lake Sakami and large peninsula (Figures 1 and 2).

The Sakami property consists of 76 claims totalling 1216 hectares and the permission to staked 20 new claims within the actual limit of the property (Figure 3). The recording of these claims was verified in the ministry of Mines by authors.

The northwest part of the property is covered by the La Grande sub-province and sedimentary sequences and granodioritic to tonalitic intrusives of the Opinaca sub-province are present in the rest of the property.

M. Gauthier and L. Paquette (MB 97-02) describe the La Grande units as follow:

" One of five large lithostratigraphic units in the La Grande and Opinaca sub-provinces is composed of a sequence of archean arenite relics which is found sills and ultramafic lopolites (Roscoe and Donaldson, 1988)". This unit was named the "Apple Formation". A part of the Sakami property is underlain by this formation.

The mafic volcanic rocks consist of masive basalt with gabbroic texture . Locally lapilli and ash tuffs with felsic dykes were observed. Some polygenic conglomerate and banded iron formations (oxides, sulfides and silicated) were also identified in this area.

Roscoe and Donaldson (1988) labelled these Iron Formations of the "Algoma type". Thin sequences with limited lateral extensions intercalated in the large volcanic sequence.

Metasediments of the Opinaca sub-province consist of two main facies: (1) arenitic facies with arkose and subarkose and (2) pelitic facies with biotite paragneiss. Within these facies some horizons of iron formations were observed, mainly on the Sakami property.

All units show a regional schistosity of N250° well developed and penetrative. This structural feature is particulary developped in the sedimentary units and parallel to the stratigraphy. In the area, the schistosity is characterized by the mica's orientation train. In the area of lake Sakami, the regional schistosity is ondulated by a folding phase. These folds are oriented WSW-ENE and open. Fold axis have an average value of N267° with a dip at 50°.

On the Sakami property and neighbouring areas numbers of shear zones were observed on the field with a trend of N250°. These shear zones are characterized by the presence of fuschite and a mylonitic foliations.

Mineralization

In the area of the Sakami property, several exploration works were realized by INCO and SDBJ in the past for Uranium. An horizon of monogenic conglomerate with pebbles of pyrite and uranium were identified over eight kilometers following an ENE-WSW axis. A tonnage of 8,5 Mt with a grade at 0,052% uranium was calculated. West of the Sakami property and along of the arenitic sequence of the Apple Formation Dynacor Mines has identified some auriferous anomalies in arenitic and conglomeratic

sequences (i.e. 107 ppb and 260 ppb Au). Today this area is owned by Virginia Gold Mines.

On the property, recent prospection completed by L. Lamarche and J.R. Lavallée has permitted to identified four (4) Bands of Iron Formation (BIF) in the arenitic units. Three bands were identified in the field and a fourth by geophysical interpretation (see maps in pocket). These bands were identified and named Zone 24-25, Zone 26-27, Zone 28 and Zone 29.

The BIF consists of arenitic and arkosic bands with 10-15% sulphides. These sulphides consist of pyrrhotite and arsenopyrite. Manual stripping realised on three of four BIF and preliminary magnetometer survey has permitted to calculated an average width of 40 meters for each band following an ENE-WSW trend (Table 1). Several quartz lenses were observed within the bands probably in the nose of the fold. All zones of BIF observed in the field are very folded and sheared. The structure is very complex .

TABLE 1 – LENGTH AND WIDTH OF ZONES (BIF)

Zone (BIF)	Length (m)	Width[1] (m)
24-25	**130**	**37**
26-27	**190**	**40**
28	**290**	**48**
29	**150**	**32**

[1] This width is approximated after structural survey realized by L. Lamarche and J.R. Lavallée. A structural complex of anticline and syncline was observed, so these four zones should be the same.

In the light of the works completed today on the property , the observations correspond with typical characteristics of stratiform deposits:

1) The gold is mainly concentrated in BIF;
2) The sulphide Banded Iron Formation (BIF) occurs in several thin but laterally continuous units. And very often (BIF) become thicker with folding;
3) Sulphide Banded Iron Formation (BIF) is well laminated and chert-rich;
4) Presence of an abundant quantity of arsenopyrite most often as indicator for gold;
5) Mineralizations occur in both greenschist- and amphibolite-facies terrane;
6) Quartz lenses in the nose of the fold;
7) Structure very complex (folded and sheared).

The Lupin Mines in NWT (Canada) with reserves of 2,02 million tons at 9,2 g/t Au (0,27 oz/t) and Homestake Mine in South Dakota (USA) with reserves of 11,1 million tons at 7,2 g/t Au (0,21 oz/t) (December 1998) or a total production since 1876 of 1100 tons gold are two mines reknown as World Class stratiform Iron Formation deposits.

J. A. Kerswill (1993) describes this type of deposits in his article: "Models for Iron-Formation-hosted Gold Deposits" in the Geological Association of Canada, Special Paper 40, p. 171-199:

" *In stratiform deposits, much of the gold is uniformly disseminated, in laterally continuous units of cherty, well-laminated sulphide BIF that are conformably interlayered with gold-poor silicate and (or) carbonate BIF. Important common features of BIF-hosted gold deposits include a strong association between native gold and iron sulphide minerals, the presence of gold-bearing quartz veins and (or) shear zones, the occurrence of deposits in structurally complex terranes and the lack of lead and zinc enrichment in the ores.*"

Assay Results

A total of one hundred thirty nine (139) rock samples were retrieved from the property in 1999 and assayed by atomic absorption method with gravimetric finish at Intertek's (Bondar-Clerg) laboratory in Val d'Or, Québec (Canada). The property shows peaks and trends with respect to Au and As. Three bands of iron formations were sampled and assayed. In each band, trenches were dug along the shore line and named trenches # 24 to 27. The length and the width, also best results obtained in each trench are summarised in table 1 as herebelow:

TABLE 2- RESULTS OBTAINED IN EACH TRENCH

Trench #	Lenght m	Minimum Width m	No. Sample	Au (ppb) 1000 ppb= 1g/t	As (ppm)
24	14	1	80123	1.90 g/t	0.12%
			11856	74	3681
			11858	176	3519
			11855	869	518
25	30	3	80124	4.30 g/t	0.6%
			80068	2357	817
			11879	1473	1060
			80067	3736	1289
			11877	18860	3688
			11878	1426	881
			80063	8082	1022
			11873	2728	655
			80057	1030	1553
26	20	4	80125	6.06 g/t	0.52%
			80052	1258	2003
			80053	5674	3444
			80054	7676	3240
			80055	1084	1393
			11881	3238	>10000
			80071	12068	>10000
27	9.5	1.5	80048	1473	1635
			11883	1222	781
			11890	1519	5416
			80031	1654	1321

Several other results were obtained on the property near and along trenches, including those obtained on the peninsula at 1.5 km to ENE of the stripping area. Results are indicated in appendix II.

CONCLUSIONS AND RECOMMENDATIONS

The Sakami property situated in the La Grande sub-province of the Superior Geological Province is predominantly underlain by volcano-sedimentary units and iron-formations.

The recent prospection and geological surveys have permitted to make a **significant new gold discovery** on the Sakami property. Values up to 18.8 g/t Au were obtained within the BIF. Results show a similarity with stratiform deposits as at Lupin and Homestake Mines with reserves of 2,02 million tons at 9,2 g/t Au (0,27 oz/t) and 11,1 million tons at 7,2 g/t Au (0,21 oz/t) (December 1998) respectively. Homestake Mine has produced since 1876 of 1100 tons of gold.

Due to these encouraging results, the authors recommend that Matamec Explorations Inc. undertake a complete exploration program in order to follow up on the positive results of the 1998 and 1999 surveys and to better evaluate the mineral potential of the Sakami property. The next exploration program should be aimed at confirming the lateral and depth extensions of the mineralization already identified as gold anomalous on the property. The authors suggest the following two phase program:

In the first phase:

- Linecutting at 100 meter intervals.
- Complete geophysical survey (MAG-VLF and IP) to detect and define lithological contacts,

- Stripping and sampling with detailed mapping,
- Preliminary diamond drilling (2 100 m) on the best geophysical and geological corresponding anomalies.

A second phase would consist in data compilation and supplementary diamond drilling program (4 500 m) to confirm the best targets defined during the first phase. The budget to complete this program divided in two phases should be set at **1 000 000 US$**, as detailed below:

PHASE 1: BASIC EXPLORATION WORK

	(US $)
Linecutting - 100 meter intervals.	
170 km at $200/km	34 000 $
MAG-VLF survey	
150km at $100/km	15 000 $
IP survey	
70km at $700/km	49 000 $
Diamond drilling on the best anomalies	
2 100 metres at $100/metre[2].	210 000 $
Helicopter - Air support	
20 hrs at $700/hr	14 000 $

[2] Includes mobilization/demobilization, moves between drill holes, water, analysis, logging, technical assistance, QST and GST.

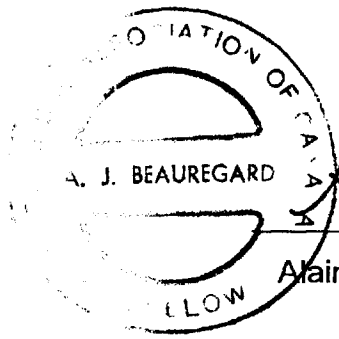
Stripping, sampling and mapping 15 days at 1 000$/day	15 000 $
Reports synthesis and data digitisation	12 000 $
Subtotal	349 000 $
Administrative Fees (≈5%)	17 000 $
Contingencies (≈10%)	34 000 $
Total: Phase 1	**400 000 $**

PHASE 2 (IF WARRANTED Following Phase 1)

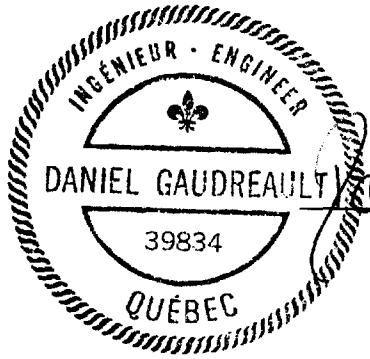
Geoscientific compilation	10 000 $
Helicopter - Air support 30 hrs at $700/hr	21 000 $
Defined diamond drilling on best targets. 4 500 metres at $100/metre^2.	450 000 $
Thematic and special studies (thin section, lithogeochemistry, petrography, mineralogy)	25 000 $
Reports synthesis and data digitisation	12 000 $
Sub-total	518 000 $
Administration Fees (~ 5%)	27 000 $

Contingencies (~ 10%)	55 000 $
Total Phase 2:	**600 000 $**
TOTAL: PHASES 1 AND 2:	**1 000 000 $**

Respectfully,



Alain-Jean Beauregard, Geol., FGAC



Daniel Gaudreault, Eng., APG

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CERTIFICATE OF QUALIFICATION (Alain-Jean Beauregard)

I, ALAIN-JEAN BEAUREGARD, residing at 226 Elizabeth, Rosemère (Quebec), do hereby certify that:

I am a qualified geologist, having received my academic training at Concordia University, in Montreal, Quebec (B.Sc. Geology and Mining – 1978) with a certificate in Business Administration (Val d'Or – 1988).

I am a Fellow of the Geological Association of Canada #F 4951 (FGAC) and also a member of the Professional Association of geologists and Geophysicists of Quebec (APGGQ), of the Quebec Prospectors Association (APQ), of the Canadian Institute of Mining and Metallurgy (CIMM), of the Project Management Institute (PMI – Connecticut, U.S.A.) and the Prospectors and Developers Association of Canada (PDA).

I have been continuously engaged in my profession for the last 21 years. I have examined the assessment work files covering the subject area at the resident geologist office of the Quebec Ministry of Energy and Resources in Val d'Or. I have not visited the subject property.

This report is based on a personal knowledge of the geology of the area gained from my work in the area recently: (summer 1999) for Dianor Resources Inc. I have the expertise in the evaluation (exploration) of structurally-related gold deposits to fairly report on the potential of properties. This expertise was gained through my work with Geologica which allowed me to evaluate several gold projects in Canada, South America and West Africa. I have travelled within Canada on field trips in such deposit areas as the Noranda and Val d'Or (Quebec), Timmins (Ontario), several countries in West Africa and South America (Peru, Chile, Bolivia, Brezilia and Argentina) gold camps.

I have not received or expect to receive any interest, direct or indirect, in the properties of **MATAMEC EXPLORATIONS INC.**, or beneficially own, directly or indirectly, any securities of that company.

A.J. Beauregard

ALAIN-JEAN BEAUREGARD, Geol., FGAC, APGGQ

CERTIFICATE OF QUALIFICATION (Daniel Gaudreault)

I, DANIEL GAUDREAULT, residing at 896 Quessy, Val d'Or, Quebec, do hereby certify that:

I am a geological engineer currently in the service of GEOLOGICA GROUPE-CONSEIL INC.

I am a graduate of the University of Quebec at Chicoutimi, Quebec with a B.Eng. degree in Geological Engineering (1983).I have been continuously engaged in my profession for the last 16 years.

I am a member of the Order of Engineers of the Province of Quebec, the Quebec Prospectors Association, the Association of Geologists and Geophysicists of Quebec and the Prospectors and Developers Association of Canada.

This report is based on the author's experience in exploration, on a comprehensive study of all the work records, geological maps and reports published for the area of interest by the Quebec Department Natural Resources and by the Geological Survey of Canada, and of published data made available to me by **MATAMEC EXPLORATIONS INC.** The author has not visited the property. Also, it based on a personal knowledge of the geology of the area gained from my work in the area in the past: 1997-99 for Sirios Resources Inc., Dynacor Mines Inc. and Dianor Resources Inc. I have not visited the properties for this report.

I have the expertise in the evaluation (exploration) of structurally-related gold deposits to fairly report on the potential of properties. This expertise was gained through my work with Geologica which allowed me to evaluate several gold projects in Canada, Nevada (USA) and California(USA). I have travelled within Canada and USA on field trips in such deposit areas as the Noranda and Val d'Or (Quebec), Timmins (Ontario), Mother Lode (USA) and Mountain/Carlin Trend (USA) gold camps

I have not received nor expect to receive any interest, direct or indirect, in the properties of **MATAMEC EXPLORATIONS INC.**, or beneficially own, directly or indirectly, any securities of this company. I am not an insider of any company having an interest in the subject property nor in any other property in the immediate area.

DANIEL GAUDREAULT, Eng

APPENDIX I - STATUTORY WORK LIST

GM 56268 LEVE ELECTROMAGNETIQUE ET MAGNETIQUE HELIPORTE, BLOC APPLE. CLAIMS MCKENZIE, MINES D'OR VIRGINIA INC. 1998. 45 pages. 9 cartes. 3 microfiches.

GM 53599 RAPPORT SUR LE PROJET SAKAMI. MINES DYCANOR INC. 1994. 41 pages. 1 carte. 2 microfiches.

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DP 358 COMPILATION GEOLOGIQUE DU TERRITOIRE DE LA BAIE DE JAMES. AVRAMTCHEV, L, DUBE, C, DUCROT, C, FRANCONI, A, HOCQ, M, REMICK, J H, SHARMA, K N M. 1976. 9 pages. 18 cartes. 4 microfiches. *1 CARTE / 18F (ECHELLE 1/250 000)*

GM 31520 3016 REPORT ON THE 1975 DIAMOND DRILLING PROGRAMME, 15 DDH LOGS AND APPENDIX. CANADIAN NICKEL CO LTD, JAMES BAY DEV CORP. 1976. 170 pages. 4 microfiches.

GM 31873 2916, 3016 REPORT ON EXPLORATION PROGRAM, 15 DDH LOGS WITH SUMMARY. CANADIAN NICKEL CO LTD, JAMES BAY DEV CORP. 1976. 147 pages. 15 cartes. 6 microfiches.

DP 307 URANIUM DANS LES SEDIMENTS DE RUISSEAU: REGION DU LAC SAKAMI ET DE LA GRANDE RIVIERE. COCKBURN, G H, SERGERIE, G. 1975. 6 pages. 7 cartes. 2 microfiches. *1 CARTE / 7F (ECHELLE 1/50 000)*

DP 311 LA GRANDE RIVER AREA (NOUVEAU-QUEBEC) - GEOLOGICAL REPORT. SHARMA, K N M. 1975. 81 pages. 2 microfiches.

GM 50002 GEOCHEMICAL REPORT ON LAKE SEDIMENT SAMPLING IN JAMES BAY LA GRANDE RIVER & SAKAMI LAKE AREA. GROUPE MINIER S E S. 1975. 92 pages. 46 cartes. 15 microfiches.

DP 221 LA GRANDE RIVER AREA (NOUVEAU-QUEBEC) - INTERIM GEOLOGICAL REPORT. SHARMA, K N M. 1974. 40 pages. 3 cartes. 2 microfiches. *1 CARTE / 3F (ECHELLE 1/61 360)*

GM 29772 REPORTS ON ELECTROMAGNETIC (V L F), MAGNETIC, INDUCED POLARIZATION, GEOLOGICAL & GEOCHEMICAL (HEAVY MINERALS) SURVEYS WITH 34 LOGS OF BOREHOLES 55304-0, 306 TO 338 AND LOGS OF DIAMOND DRILLING HOLES SL-1 TO SL-35, SAKAMI PROPERTY. CANADIAN NICKEL CO LTD, INTERNAT NICKEL CO OF CAN L, JAMES BAY DEV CORP. 1974. 238 pages. 65 cartes. 17 microfiches.

GM 30772 2916, 3016 REPORT ON EXPLORATION WORKS DONE FOR 1974. CANADIAN NICKEL CO LTD, JAMES BAY DEV CORP. 1974. 230 pages. 20 cartes. 9 microfiches.

TH 0684 PETROLOGICAL STUDIES IN THE SAKAMI-LAKE GREENSTONE BELT OF NORTHWESTERN QUEBEC. MILLS, J P. 1974. 220 pages.

GM 28527 2916, 3016 REPORT ON GEOLOGY, MAGNETIC AND ELECTROMAGNETIC SURVEYS AND 23 DDH LOGS. CANADIAN NICKEL CO LTD, JAMES BAY DEV CORP. 1973. 37 pages. 26 cartes. 8 microfiches.

GM 29067 REPORT ON GEOLOGICAL, ELECTROMAGNETIC (V L F), MAGNETIC & RADIOMETRIC SURVEYS WITH 25 LOGS OF BOREHOLES 49866 TO 882, 84 & 85, 887 TO 900, 55301 TO 303, SAMAKI PROPERTY. CANADIAN NICKEL CO LTD, JAMES BAY DEV CORP. 1973. 172 pages. 47 cartes. 12 microfiches.

GM 29760 2916, 3016 REPORT ON INDUCED POLARIZATION SURVEY, DDH AND BEDROCK SAMPLING AND 16 DDH LOGS. CANADIAN NICKEL CO LTD, JAMES BAY DEV CORP. 1973. 154 pages. 3 microfiches.

APPENDIX II

ASSAY RESULTS

ABILAB INC.

1905, 3e Avenue
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Tél.: (819) 874-4723 Fax: (819) 874-0625
abilab@lino.com

NUMÉRO DE CERTIFICAT: **44407** DATE: 22-09-1998

Client: M. Luc Lamarche | Projet: Sakami | Échantillons: Roches

Reçu de: M. Luc Lamarche | Nombre d'analyses: 6 | Date de réception: 10-09-1998

Éléments analysés: Au | Limite de détection: <5 | Méthode demandée: P+SAA/G

	Échantillons	Au ppb
Réanalyse par SAA	80124	1240
	80125	5385
	80126	8045

	Échantillons	Au ppb
Réanalyse par Gravimétrie	80124	2405
	80125	6060
	80126	8940

CHIMISTE: Lyne Bizier B.Sc.

CHIMISTE Lyne Bizier 92-005 QUÉBEC

LF-3356

ABILAB INC.

1905, 3e Avenue
Val-d'Or (Québec) J9P 4N7
Tél.: (819) 874-4723 Fax: (819) 874-0625
abilab@lino.com

NUMÉRO DE CERTIFICAT: **44353** DATE: 17-09-1998

Client: M. Luc Lamarche Projet: Sakami Échantillons: Roches

Reçu de: M. Luc Lamarche Nombre d'analyses: 30 Date de réception: 10-09-1998

Éléments analysés: Au Limite de détection: <5 Méthode demandée: P+SAA

Échantillons	Au ppb
80101	15
80102	30
80103	5
80104	5
80105	5
80106	5
80107	5
80108	5
80109	15
80110	5
80111	25
80112	35
80113	55
80114	5
80115	5
80116	5
80117	5
80118	<5
80119	5
80120	5
80121	5
80122	<5
80123	55
80124	2265
80125	5205
80126	7615
80127	75
80128	25
80129	25
80130	25

CHIMISTE
Lyne Bizier
92-005
QUÉBEC

CHIMISTE: Lyne Bizier

Intertek Testing Services
Chimitec

→ NORANDA

CLIENT : MINES ET EXPLORATION NORANDA INC.
RAPPORT: CSB-63148.C ***** PRELIMINARY *****
PROJET: 251
DATE REÇU: 19-OCT-98 DATE DE L'IMPRESSION: 23-OCT-98 PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Sn PPM	Ag PPM
38652B	# 24	1919	92	54	0.2
38653B	# 25	4273	25	34	0.4
38654B	Reprise # 26	4347	91	16	0.5
38655B	# 27	3535	60	12	0.9

1919 à coté ech #24
4273 25
4347 26
3535 27

Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

RAPPORT: C99-62660.0 (COMPLET) RÉFÉRENCE: 171259

CLIENT: LUC LAMARCHE SOUMIS PAR: L. LAMARCHE

PROJET: AUCUN DATE RECU: 16-SEP-99 DATE DE L'IMPRESSION: 27-SEP-99

DATE APPROUVÉ	COMMANDE	ÉLÉMENT	NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
990923	1 Au30	Or	13	5 PPB	Pyro Analyse de 30g	30g Pyroanalyse - A
990923	2 Ag	Argent	13	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	3 Cu	Cuivre	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	4 Pb	Plomb	13	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	5 Zn	Zinc	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	6 Mo	Molybdene	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	7 Ni	Nickel	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	8 Co	Cobalt	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	9 Cd	Cadmium	13	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	10 Bi	Bismuth	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	11 As	Arsenic	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	12 Sb	Antimoine	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	13 Fe	Fer	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	14 Mn	Manganese	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	15 Te	Tellure	13	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	16 Ba	Baryum	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	17 Cr	Chrome	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	18 V	Vanadium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	19 Sn	Etain	13	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	20 W	Tungstene	13	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	21 La	Lanthane	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	22 Al	Aluminium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	23 Mg	Magnesium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	24 Ca	Calcium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	25 Na	Sodium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	26 K	Potassium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	27 Sr	Strontium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	28 Y	Yttrium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	29 Ga	Gallium	13	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	30 Li	Lithium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	31 Nb	Niobium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	32 Sc	Scandium	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	33 Ta	Tantale	13	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	34 Ti	Titane	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990923	35 Zr	Zirconium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

TYPES D'ÉCHANTILLONS	NOMBRE	FRACTION UTILISÉE	NOMBRE	PRÉP. DE L'ÉCHAN.	NOMBRE
ROCHE	13	-150	13	CONCASSER, PULVERISE	13

COPIES DU RAPPORT À: C.P. 876
M. LUC LAMARCHE

FACTURE À: C.P. 876

Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : LUC LAMARCHE
RAPPORT: C99-62660.0 (COMPLET)

PROJET: AUCUN
DATE RECU : 16-SEP-99 DATE DE L'IMPRESSION: 27-SEP-99 PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
11801		56	0.6	215	62	56	2	57	37	<.2	<5	146	<5	>10.00	273	<10	5	113	54	<20	<20	4	1.12	0.56	0.09	0.01	0.15	6	2	<2	15	3	<5	<10	.16	14
11802		<5	<.2	37	<2	53	9	86	28	<.2	<5	<5	<5	5.11	498	<10	33	260	91	<20	<20	18	2.13	2.18	0.64	0.09	0.10	48	9	8	19	7	11	<10	.26	26
11803A		20	<.2	303	3	52	1	122	991	<.2	<5	27	<5	>10.00	322	<10	4	194	15	<20	<20	1	0.49	0.83	0.15	0.02	0.28	2	2	<2	5	<1	<5	<10	.02	<1
11803B		29	<.2	113	6	49	131	93	69	<.2	<5	7	<5	>10.00	369	<10	24	166	73	<20	<20	9	1.71	1.72	0.37	0.08	0.09	13	7	4	16	5	10	<10	.18	27
11804		<5	0.5	138	11	109	2	75	26	<.2	<5	<5	<5	5.97	435	<10	147	290	99	<20	<20	20	2.47	2.45	0.35	0.09	1.01	20	9	7	34	7	14	<10	.26	9
11805		9	0.5	543	55	28	2	93	98	<.2	<5	20	<5	7.21	188	<10	16	187	16	<20	<20	4	0.79	0.65	0.12	0.07	0.08	9	6	<2	9	<1	<5	<10	.02	130
11806		13	<.2	37	<2	58	2	28	16	<.2	<5	6	<5	5.41	508	<10	51	148	59	<20	<20	3	1.36	0.91	0.36	0.12	0.56	43	3	5	30	4	8	<10	.14	25
11807		<5	<.2	30	<2	43	1	26	14	<.2	<5	6	<5	3.29	379	<10	45	119	48	<20	<20	6	1.21	0.80	0.28	0.09	0.45	20	3	5	32	3	6	<10	.12	16
11808		<5	<.2	23	<2	41	1	22	13	<.2	<5	<5	<5	3.06	365	<10	53	128	50	<20	<20	4	1.35	0.77	0.39	0.13	0.53	28	3	4	32	4	7	<10	.15	18
80097		1118	0.3	105	5	48	3	43	15	<.2	<5	83	<5	7.09	613	<10	17	154	45	<20	<20	24	1.65	0.97	1.09	0.04	0.16	34	7	4	19	3	<5	<10	.13	16
80098		31	<.2	30	23	50	3	49	39	<.2	<5	103	<5	>10.00	354	<10	17	117	47	<20	<20	8	1.43	0.73	0.21	0.02	0.27	9	5	4	19	3	<5	<10	.16	45
80099		<5	<.2	2	<2	17	<1	13	10	<.2	<5	12	<5	2.78	187	<10	7	82	35	<20	<20	4	0.93	0.39	0.15	0.24	0.03	13	2	4	11	3	<5	<10	.12	12
80100		7	<.2	147	6	44	2	33	17	<.2	<5	75	<5	>10.00	479	<10	24	159	52	<20	<20	7	2.19	0.91	0.32	<.01	0.30	13	6	4	40	2	<5	<10	.10	19

Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : JEAN-RAYMOND LAVALLEE — PROJET: SAKAMI 1
RAPPORT: C99-62588.0 (COMPLET) — DATE RECU : 13-SEP-99 — DATE DE L'IMPRESSION: 23-SEP-99 — PAGE 1 DE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
80018		25	<.2	6	<2	26	<1	4	1	0.4	<5	274	8	>10.00	43	<10	12	123	11	<20	<20	4	0.27	0.12	0.18	0.01	0.04	9	6	<2	1	<1	<5	<10	<.01	<1
80019		542	<.2	32	<2	14	2	10	4	3.1	<5	2011	13	6.82	111	<10	7	171	11	<20	<20	5	0.46	0.20	0.27	0.02	0.06	12	6	<2	2	<1	<5	<10	0.01	2
80020		1273	0.2	31	<2	22	1	10	4	2.7	<5	1787	12	>10.00	127	<10	33	146	17	<20	<20	5	0.76	0.20	0.31	0.02	0.11	18	6	<2	5	<1	<5	<10	0.03	<1
80021		246	<.2	7	<2	14	1	6	2	1.6	<5	1035	11	>10.00	52	<10	6	160	7	<20	<20	3	0.15	0.11	0.24	0.01	0.02	11	4	<2	<1	<1	<5	<10	<.01	<1
80022		83	<.2	17	<2	16	2	8	1	0.4	<5	312	11	>10.00	73	<10	33	174	10	<20	<20	4	0.36	0.10	0.22	0.01	0.04	12	6	<2	1	<1	<5	<10	0.01	<1
80023		180	0.2	46	<2	15	3	9	1	<0.2	<5	28	<5	9.81	67	<10	3	123	13	<20	<20	3	0.06	0.15	0.41	0.01	<.01	40	3	<2	<1	<1	<5	<10	<.01	<1
80024		120	<.2	4	<2	29	1	3	1	0.3	<5	263	10	>10.00	66	<10	11	88	13	<20	<20	8	0.25	0.09	0.62	0.02	0.02	25	10	<2	<1	<1	<5	<10	0.01	<1
80025		148	<.2	44	2	14	3	10	2	0.3	<5	112	7	8.41	76	<10	35	176	16	<20	<20	5	0.40	0.18	0.41	0.03	0.04	23	5	<2	2	<1	<5	<10	0.01	1
80026		480	0.2	46	<2	17	1	13	5	3.4	<5	2137	16	>10.00	73	<10	7	170	7	<20	<20	6	0.14	0.12	0.25	0.01	0.02	9	5	<2	<1	<1	<5	<10	<.01	<1
80027		536	0.2	36	<2	24	1	15	7	4.9	<5	3207	21	>10.00	67	<10	17	108	11	<20	<20	8	0.20	0.14	0.70	0.02	0.03	37	9	<2	<1	<1	<5	<10	<.01	<1
80028		87	<.2	25	<2	13	3	9	<1	<0.2	<5	69	5	>10.00	80	<10	5	227	9	<20	<20	5	0.21	0.10	0.22	<.01	0.02	10	5	<2	<1	<1	<5	<10	<.01	<1
80029		72	<.2	15	<2	15	1	7	1	0.5	<5	322	6	9.90	109	<10	5	201	7	<20	<20	4	0.17	0.14	0.37	0.01	0.02	14	6	<2	<1	<1	<5	<10	<.01	<1
80030	3,0	901	0.3	61	2	23	14	17	7	4.1	<5	2630	16	>10.00	143	<10	45	161	18	<20	<20	8	0.88	0.29	0.32	0.01	0.17	17	5	<2	7	<1	<5	<10	0.05	3
80031	5,51	1654	0.3	40	3	19	3	16	6	1.9	<5	1321	7	9.74	391	<10	49	216	34	<20	<20	8	2.14	0.58	0.57	0.02	0.58	24	7	3	19	1	<5	<10	0.07	16
80032		215	<.2	35	3	11	3	11	3	1.6	<5	1073	10	6.00	152	<10	23	212	9	<20	<20	4	0.66	0.17	0.53	0.02	0.05	20	7	<2	2	<1	<5	<10	0.01	3
80033		215	<.2	44	2	18	<1	11	2	<0.2	<5	106	6	>10.00	62	<10	8	114	8	<20	<20	6	0.13	0.15	0.45	0.01	0.02	13	6	<2	<1	<1	<5	<10	<.01	<1
80034		461	<.2	32	2	20	3	15	4	2.1	<5	1379	9	>10.00	142	<10	66	231	17	<20	28	5	1.06	0.42	0.41	0.02	0.32	16	5	<2	8	<1	<5	<10	0.04	5
80035		816	<.2	34	<2	19	1	22	11	10.0	<5	6601	29	>10.00	107	<10	20	133	8	<20	<20	7	0.23	0.14	0.85	0.01	0.03	10	5	<2	1	<1	<5	<10	<.01	<1
80036		692	<.2	16	<2	21	4	7	2	1.1	<5	705	9	>10.00	104	<10	10	132	10	<20	<20	6	0.11	0.13	1.38	0.01	0.02	92	6	<2	<1	<1	<5	<10	<.01	<1
80037		74	<.2	39	<2	15	2	12	2	<0.2	<5	18	<5	7.21	115	<10	64	244	12	<20	<20	4	0.56	0.21	0.34	0.02	0.12	18	5	<2	3	<1	<5	<10	0.02	3
80038		333	<.2	73	<2	13	7	14	3	<0.2	<5	30	6	8.43	117	<10	6	190	6	<20	<20	4	0.29	0.19	0.42	0.02	0.05	13	4	<2	2	<1	<5	<10	<.01	<1
80039		<5	<.2	5	7	28	2	25	12	0.5	<5	118	<5	2.84	574	<10	69	167	43	<20	<20	23	5.24	0.84	1.18	0.18	1.05	48	9	5	52	2	6	<10	0.17	40
80040		19	<.2	70	7	44	3	53	12	0.4	<5	155	<5	3.62	786	<10	18	295	12	<20	<20	4	0.76	0.44	0.19	0.01	0.20	6	3	<2	12	<1	<5	<10	0.02	9
80041		45	<.2	83	27	78	9	56	14	0.3	<5	119	<5	3.82	595	<10	23	357	25	<20	<20	24	1.22	0.82	0.23	0.02	0.44	7	14	<2	26	1	<5	<10	0.06	69
80042		<5	0.5	5	89	100	5	22	4	1.3	<5	31	<5	1.09	234	<10	11	316	7	<20	<20	8	0.53	0.27	0.21	0.01	0.02	6	2	<2	14	<1	<5	<10	<.01	12
80043		14	<.2	48	22	68	9	43	9	0.3	<5	13	<5	3.02	586	<10	37	336	18	<20	<20	9	1.06	0.60	0.14	0.02	0.18	7	4	<2	17	<1	<5	<10	0.05	22
80044		23	<.2	319	16	102	9	66	14	<0.2	<5	21	<5	4.49	564	<10	46	291	31	<20	<20	12	1.60	0.99	0.20	0.01	0.21	6	6	<2	30	2	<5	<10	0.09	38
80045		219	<.2	26	2	12	5	12	2	1.5	<5	1005	12	6.23	68	<10	9	184	8	<20	<20	7	0.28	0.24	0.44	0.02	0.03	8	5	<2	1	<1	<5	<10	<.01	2
80046		272	<.2	38	2	11	33	12	3	0.9	<5	615	6	6.37	578	<10	4	221	9	<20	<20	5	0.20	0.19	0.19	<.01	0.01	4	3	<2	2	<1	<5	<10	0.01	6
80047	2,62	787	0.3	52	2	13	3	11	2	1.2	<5	813	8	8.44	95	<10	5	140	7	<20	<20	4	0.19	0.14	0.55	0.02	0.03	23	5	<2	<1	<1	<5	<10	<.01	<1

Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : JEAN-RAYMOND LAVALLEE — PROJET: SAKAMI 1

RAPPORT: C99-62587.0 (COMPLET) — DATE RECU : 13-SEP-99 — DATE DE L'IMPRESSION: 25-SEP-99 — PAGE 2 DE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Tl PCT	Zr PPM
11885		377	<.2	34	2	9	3	14	4	1.8	<5	2594	12	6.21	82	<10	5	175	4	<20	<20	6	0.17	0.17	0.46	.01	0.01	17	4	<2	<1	<1	<5	<10	<.01	1
11886		978	<.2	51	3	9	2	13	4	1.9	<5	2692	15	8.23	70	<10	4	145	6	<20	<20	4	0.13	0.10	0.30	.01	0.01	21	4	<2	<1	<1	<5	<10	<.01	<1
11887		1128	<.2	39	4	13	2	23	12	8.9	<5	>10000	36	>10.00	77	<10	23	132	10	<20	<20	6	0.26	0.13	0.30	.02	0.02	24	4	3	<1	<1	<5	<10	<.01	<1
11888		270	<.2	43	6	10	2	7	2	1.7	<5	2041	11	8.24	81	<10	75	146	13	<20	<20	2	0.22	0.13	0.51	.03	0.04	29	3	<2	<1	<1	<5	<10	0.01	2
11889		643	<.2	36	6	11	6	9	6	5.3	<5	6803	32	9.27	104	<10	98	169	10	<20	<20	3	0.29	0.12	0.40	.03	0.06	38	3	3	<1	<1	<5	<10	0.01	1
11890		1519	<.2	34	3	9	<1	25	9	3.9	<5	5416	17	9.16	74	<10	15	161	5	<20	56	4	0.12	0.12	0.35	.01	0.02	21	4	<2	<1	<1	<5	<10	<.01	<1
11891		242	<.2	56	4	10	2	13	2	<.2	<5	22	<5	8.29	122	<10	24	173	7	<20	<20	7	0.39	0.20	0.41	.02	0.06	24	5	2	2	<1	<5	<10	0.01	3
11892		17	<.2	135	5	41	2	68	28	<.2	<5	11	<5	6.64	551	<10	69	182	136	<20	<20	3	3.73	0.77	1.62	.28	0.47	65	5	6	28	11	14	<10	0.13	2
11893		778	<.2	28	3	16	5	9	3	0.6	<5	925	<5	7.87	245	<10	17	173	27	<20	<20	10	1.30	0.56	0.87	.07	0.11	15	4	4	10	<1	<5	<10	0.04	7
11894		509	<.2	54	3	12	3	11	2	0.4	<5	583	<5	8.74	240	<10	6	197	9	<20	<20	8	0.90	0.35	0.75	.06	0.05	26	6	5	6	<1	<5	<10	0.02	7
11895		660	<.2	57	3	11	8	11	2	0.4	<5	588	<5	9.16	304	<10	13	221	14	<20	<20	3	0.85	0.32	0.42	.03	0.02	17	4	5	4	<1	<5	<10	0.01	6
11896		1576	<.2	65	3	13	12	12	2	0.8	<5	1020	5	9.14	200	<10	16	226	12	<20	<20	5	0.81	0.34	0.39	.03	0.06	15	3	3	7	<1	<5	<10	0.02	5
11897		1126	<.2	77	3	14	16	11	2	0.2	<5	325	<5	9.72	89	<10	8	200	19	<20	<20	6	0.85	0.39	0.71	.06	0.06	14	4	4	5	<1	<5	<10	0.02	3
11898		468	<.2	10	3	11	<1	5	<1	<.2	<5	290	<5	>10.00	59	<10	38	107	6	<20	<20	3	0.29	0.16	0.47	.02	0.02	27	5	3	1	<1	<5	<10	<.01	<1
11899		563	<.2	33	<2	9	14	14	3	0.8	<5	1171	5	6.32	148	<10	4	309	10	<20	<20	4	0.62	0.21	0.25	.01	0.02	13	2	2	3	<1	<5	<10	<.01	5
11900	1115	9197	0.8	70	4	13	4	13	4	1.0	<5	1538	7	9.73	205	<10	6	200	13	<20	<20	10	0.76	0.31	0.53	.03	0.02	21	5	4	3	<1	<5	<10	0.01	10

Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : JEAN-RAYMOND LAVALLEE
RAPPORT: C99-62588.0 (COMPLET)

PROJET: SAKAMI 1
DATE RECU : 13-SEP-99 DATE DE L'IMPRESSION: 23-SEP-99 PAGE 2 DE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
80048	3,67	1473	0.4	51	3	14	2	14	3	2.5	<5	1635	14	9.18	70	<10	16	133	11	<20	<20	2	0.14	0.15	0.51	0.02	0.01	29	4	<2	<1	<1	<5	<10	<.01	<1
80049		531	<.2	40	3	13	4	17	6	6.9	<5	4745	22	8.29	68	<10	20	197	10	<20	<20	6	0.30	0.13	0.28	0.02	0.02	14	4	<2	<1	<1	<5	<10	<.01	<1
80050		575	<.2	49	2	34	1	35	17	1.1	<5	685	<5	9.90	368	<10	32	162	65	<20	<20	4	2.14	1.00	1.91	0.12	0.21	41	5	<2	28	4	7	<10	0.14	<1
80051		655	<.2	47	<2	22	2	10	4	2.1	<5	1445	<5	9.53	180	<10	29	177	12	<20	<20	15	0.83	0.40	0.59	0.03	0.16	11	4	<2	21	<1	<5	<10	0.03	11
80052		1258	<.2	72	2	18	5	13	4	2.9	<5	2003	6	8.00	149	<10	3	214	8	<20	<20	4	0.42	0.36	0.66	0.03	0.02	8	4	<2	4	<1	<5	<10	0.01	4
80053	9,45	5674	0.6	118	<2	37	4	18	9	5.4	<5	3444	5	>10.00	430	<10	5	123	47	<20	<20	5	1.67	0.68	0.62	0.03	0.04	6	5	<2	25	1	<5	<10	0.11	4
80054	7,68	7676	1.0	28	<2	33	5	34	18	5.4	<5	3240	<5	8.24	297	<10	21	238	87	<20	<20	8	2.18	1.05	1.43	0.04	0.21	42	5	<2	47	5	11	<10	0.13	<1
80055		1084	<.2	76	3	21	3	15	4	2.3	<5	1393	<5	>10.00	160	<10	2	172	9	<20	<20	4	0.44	0.37	0.67	0.02	0.02	12	5	<2	4	<1	<5	<10	0.01	4
80056		216	<.2	24	7	58	3	45	16	0.3	<5	53	<5	2.81	527	<10	77	195	62	<20	<20	12	1.43	1.12	0.14	0.14	0.90	16	5	4	34	4	8	<10	0.13	30
80057	3,43	1030	0.3	114	2	54	1	93	41	2.8	<5	1553	<5	7.15	577	<10	55	170	103	<20	21	7	1.31	1.18	0.63	0.10	0.72	13	9	<2	29	7	9	<10	0.26	4
80058		874	<.2	80	<2	58	<1	65	32	0.7	<5	444	<5	4.91	526	<10	164	137	89	<20	<20	10	1.49	1.27	0.91	0.11	0.88	12	19	2	34	6	7	<10	0.33	4
80059		549	<.2	63	<2	40	1	55	26	1.1	<5	674	<5	3.67	353	<10	75	112	50	<20	<20	14	0.92	0.82	0.76	0.10	0.43	10	11	<2	20	4	<5	<10	0.30	7
80060		687	<.2	17	15	38	4	41	12	0.5	<5	295	16	2.23	236	<10	30	210	35	<20	<20	22	0.75	0.63	0.36	0.08	0.40	10	5	2	17	2	5	<10	0.05	26
80061		74	<.2	27	3	64	2	82	22	0.9	<5	599	<5	4.80	675	<10	166	288	96	<20	<20	13	2.43	2.06	0.31	0.08	0.90	19	7	7	71	6	12	<10	0.17	20
80062		867	<.2	47	<2	75	2	78	24	0.3	<5	100	<5	4.96	652	<10	244	385	107	<20	<20	17	2.61	2.14	0.39	0.13	1.67	36	8	7	79	7	12	<10	0.29	14
80063	10,1	8082	0.8	45	5	33	1	31	12	1.5	<5	1022	<5	3.12	262	<10	49	117	45	<20	<20	9	0.97	0.69	0.12	0.08	0.50	14	3	3	28	3	<5	<10	0.06	7
80064		283	<.2	19	2	30	1	22	10	<0.2	<5	30	<5	2.37	404	<10	39	157	42	<20	<20	3	0.54	0.83	0.21	0.11	0.27	14	3	3	36	3	6	<10	0.10	<1
80065		229	<.2	20	<2	45	1	25	13	<0.2	<5	63	<5	2.44	407	<10	30	179	47	<20	22	3	0.53	0.83	0.25	0.14	0.46	18	3	2	32	3	6	<10	0.13	<1
80066		531	<.2	12	20	23	4	19	6	2.8	<5	1890	13	1.28	168	<10	27	187	13	<20	<20	30	0.65	0.43	0.14	0.07	0.20	11	4	<2	24	<1	<5	<10	0.05	16
80067		3736	<.2	27	8	52	2	25	10	1.8	<5	1289	31	2.32	281	<10	52	163	22	<20	<20	5	0.87	0.75	0.18	0.08	0.39	11	2	<2	31	1	<5	<10	0.06	10
80068		2357	<.2	23	10	56	2	23	9	1.2	<5	817	54	2.13	212	<10	32	161	16	<20	<20	5	0.72	0.62	0.16	0.09	0.32	9	2	<2	26	<1	<5	<10	0.05	20
80069		515	<.2	60	4	50	<1	157	29	10.9	<5	7312	<5	4.25	429	<10	59	285	65	<20	<20	15	2.39	1.54	1.20	0.22	0.91	122	5	5	51	4	<5	<10	0.14	5

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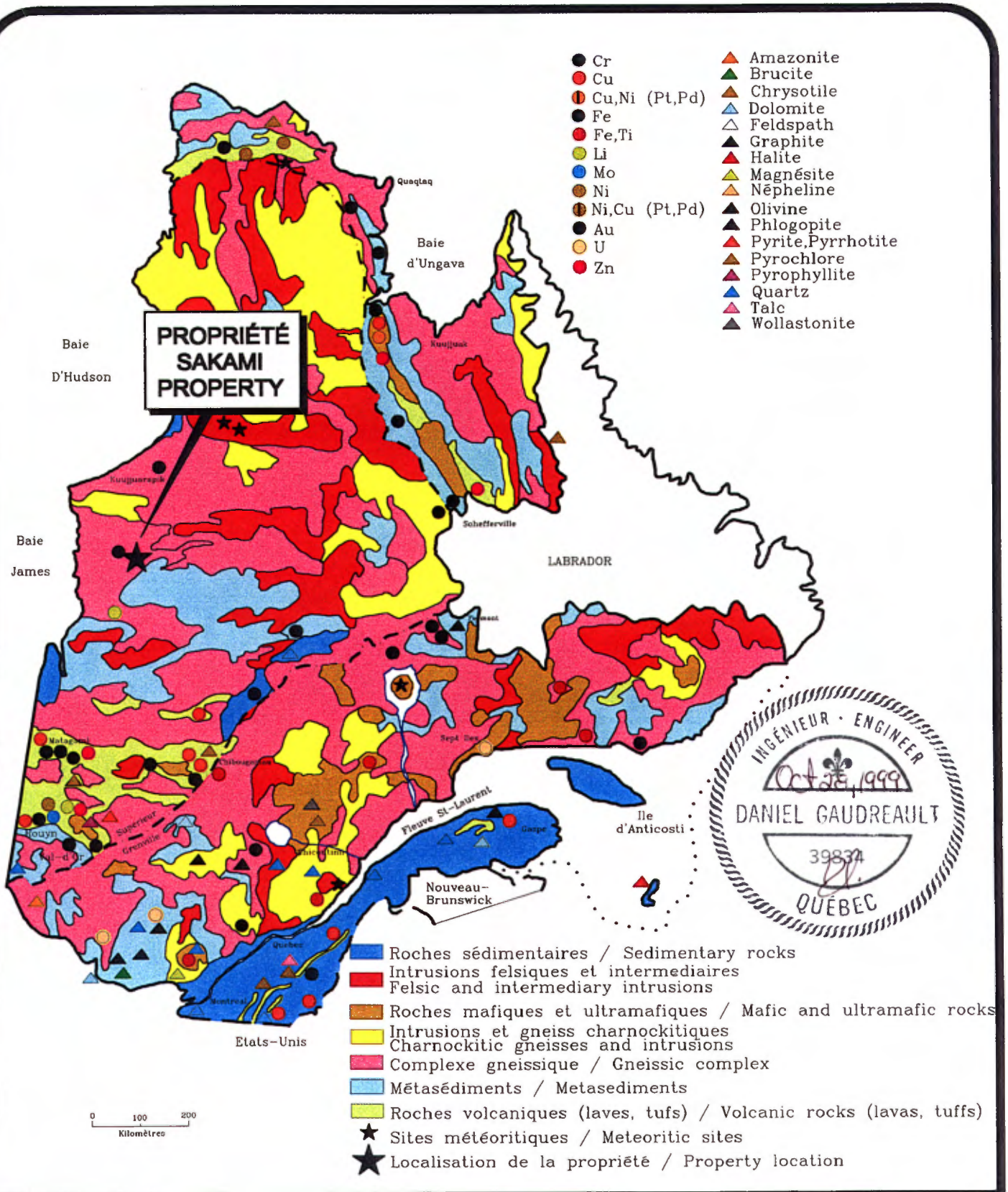
Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : JEAN-RAYMOND LAVALLEE — PROJET: SAKAMI 1

RAPPORT: C99-62659.0 (COMPLET) — DATE RECU : 16-SEP-99 — DATE DE L'IMPRESSION: 27-SEP-99 — PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
11809		2620	0.3	71	<2	31	1	52	37	5.9	<5	1205	<5	4.23	489	<10	9	62	93	<20	28	2	1.53	1.36	1.76	0.11	0.13	18	5	2	44	6	6	<10	0.18	<1
80070		457	<.2	41	<2	11	2	12	4	6.4	<5	1285	<5	9.05	389	<10	2	159	9	<20	<20	6	0.62	0.29	0.56	0.04	0.04	10	5	<2	2	<1	<5	<10	0.01	8
80071		12068	1.1	59	<2	16	5	29	20	<60.6	<5	>10000	12	>10.00	245	<10	<1	108	7	<20	<20	7	0.65	0.34	0.74	0.04	0.03	14	4	<2	3	<1	<5	<10	0.02	4
80072		2162	0.5	62	<2	13	8	11	4	2.1	<5	419	<5	>10.00	541	<10	3	151	18	<20	41	6	1.32	0.45	0.54	0.04	0.04	8	4	<2	4	<1	<5	<10	0.02	16
80073		1182	<.2	32	<2	7	3	9	3	7.8	<5	1505	<5	5.99	158	<10	2	196	6	<20	<20	3	0.40	0.24	0.22	0.01	0.05	5	2	<2	3	<1	<5	<10	<.01	3
80074		360	<.2	30	12	26	8	11	5	4.0	<5	791	<5	8.86	254	<10	95	192	22	<20	<20	7	1.61	0.75	0.61	0.05	0.62	25	3	<2	27	<1	<5	<10	0.08	11
80075		5365	0.4	70	<2	12	3	31	16	<64.5	<5	>10000	20	>10.00	99	<10	2	152	6	<20	<20	4	0.25	0.28	0.57	0.02	0.02	15	4	<2	<1	<1	<5	<10	<.01	2
80076		982	<.2	51	<2	11	4	11	4	6.4	<5	1265	<5	>10.00	98	<10	5	117	7	<20	28	3	0.09	0.15	0.42	0.01	0.02	22	4	<2	<1	<1	<5	<10	<.01	2
80077		8779	1.0	50	<2	7	6	8	3	11.7	<5	2363	12	6.23	83	<10	17	221	12	<20	<20	2	0.18	0.13	0.26	0.02	0.03	24	3	<2	<1	<1	<5	<10	<.01	2
80078		257	<.2	33	<2	11	7	9	4	11.8	<5	2335	9	>10.00	71	<10	15	120	10	<20	<20	7	0.21	0.14	0.18	0.01	0.02	18	4	<2	<1	<1	<5	<10	0.01	2
80079		681	<.2	25	<2	16	3	15	5	18.3	<5	3670	12	>10.00	92	<10	69	105	15	<20	<20	12	0.97	0.32	0.34	<.01	0.17	52	6	<2	10	<1	<5	<10	0.03	4
80080		603	0.2	27	<2	11	3	11	4	9.7	<5	1949	8	9.25	193	<10	31	149	15	<20	<20	7	0.55	0.20	0.26	<.01	0.08	16	5	<2	3	<1	<5	<10	0.02	4
80081		206	<.2	20	<2	17	3	9	3	2.0	<5	404	<5	>10.00	56	<10	5	96	5	<20	<20	8	0.19	0.13	0.45	0.01	0.02	18	9	<2	1	<1	<5	<10	<.01	2
80082		158	<.2	35	3	15	2	10	4	5.6	<5	1106	<5	>10.00	78	<10	24	77	9	<20	<20	8	0.29	0.18	0.52	0.01	0.04	22	8	<2	2	<1	<5	<10	0.01	2
80083		291	0.2	51	2	12	85	14	4	2.9	<5	546	<5	8.27	297	<10	18	181	18	<20	<20	8	0.88	0.23	0.24	0.01	0.13	7	4	<2	6	<1	<5	<10	0.03	7
80084		190	0.3	68	2	10	106	13	5	3.3	<5	674	5	8.39	441	<10	2	95	9	<20	<20	6	0.54	0.18	0.53	0.01	<.01	15	7	<2	1	<1	<5	<10	<.01	10
80085		83	<.2	32	<2	16	2	11	5	3.0	<5	579	<5	>10.00	96	<10	8	124	6	<20	<20	7	0.31	0.26	0.53	0.02	0.03	14	7	<2	1	<1	<5	<10	<.01	2
80086		85	0.3	43	6	15	5	67	21	0.8	<5	129	<5	3.12	136	<10	3	293	6	<20	<20	3	0.26	0.22	0.06	<.01	0.03	<1	1	<2	3	<1	<5	<10	<.01	5
80087		15	0.3	43	7	29	10	46	13	<0.2	<5	12	<5	1.79	80	<10	9	311	8	<20	<20	7	0.32	0.19	0.05	0.02	0.10	3	2	<2	6	<1	<5	<10	<.01	10
80088		11	0.3	36	8	12	5	49	12	<0.2	<5	22	<5	2.46	106	<10	5	332	7	<20	<20	4	0.29	0.19	<.01	0.02	0.04	<1	<1	<2	4	<1	<5	<10	<.01	5
80089		19	5.0	49	60	11	9	29	14	<0.2	<5	<5	<5	1.45	66	<10	12	246	6	<20	<20	11	0.28	0.04	<.01	0.03	0.11	4	2	<2	3	<1	<5	<10	<.01	7
80090		9	0.7	5	5	3	4	6	<1	<0.2	<5	7	<5	0.43	28	<10	13	283	7	<20	<20	5	0.80	0.02	<.01	0.03	0.09	3	1	<2	<1	<1	<5	<10	<.01	14
80091		7	2.5	29	5	19	5	61	13	<0.2	<5	<5	<5	4.34	449	<10	16	287	24	<20	<20	9	1.18	0.63	0.03	0.03	0.31	3	2	<2	22	1	<5	<10	0.04	7
80092		1408	<.2	62	2	84	1	82	41	42.4	<5	8380	<5	5.71	659	<10	38	243	139	<20	31	9	3.34	1.17	1.74	0.29	0.91	66	6	5	54	9	11	<10	0.16	1
80093		233	<.2	54	<2	40	1	113	37	22.6	<5	4511	<5	3.94	473	<10	16	281	83	<20	26	2	2.47	1.89	1.00	0.13	0.19	45	2	2	86	5	15	<10	0.12	<1
80094		608	<.2	75	<2	33	1	46	29	27.2	<5	5371	<5	4.90	519	<10	22	192	110	<20	<20	3	1.24	1.34	1.31	0.14	0.37	21	4	<2	40	7	9	<10	0.15	<1
80095		539	0.2	83	<2	37	1	66	44	20.6	<5	4005	<5	4.88	358	<10	18	150	71	<20	<20	3	1.18	0.89	1.12	0.11	0.17	15	4	<2	30	4	<5	<10	0.15	<1
80096		14	<.2	19	4	51	6	42	13	0.6	<5	109	<5	4.00	615	<10	14	235	68	<20	<20	30	1.74	1.26	0.72	0.15	0.08	13	10	5	22	5	6	<10	0.16	24



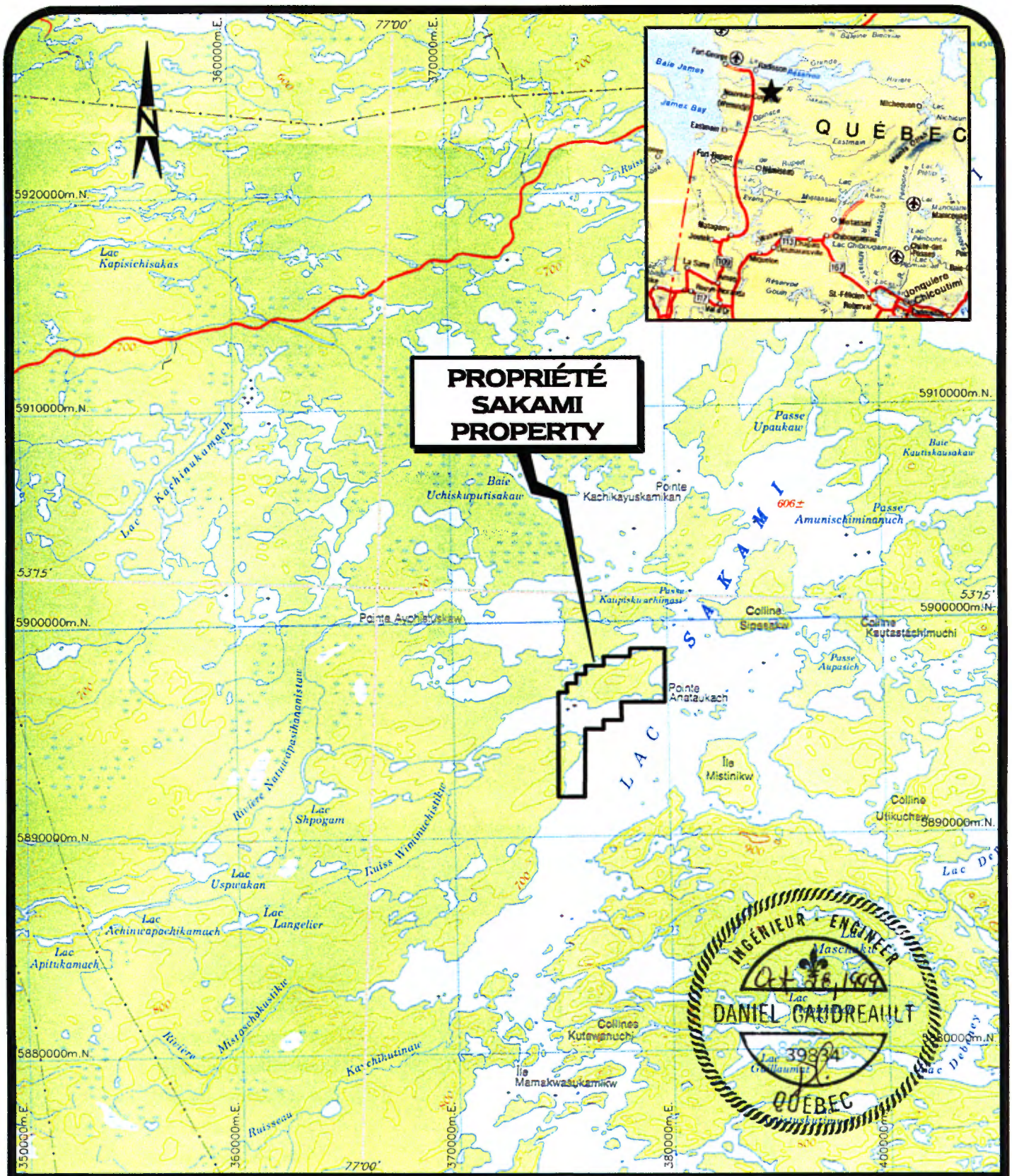
Ref.: PRO-87-01, M.R.N.Q.

MATAMEC EXPLORATIONS INC.

GEOLOGICA INC.

CARTE DE LOCALISATION GÉNÉRALE/
GENERAL LOCATION MAP

Figure 1



Ref.: M.R.N.Q. Carte topo., 33/F

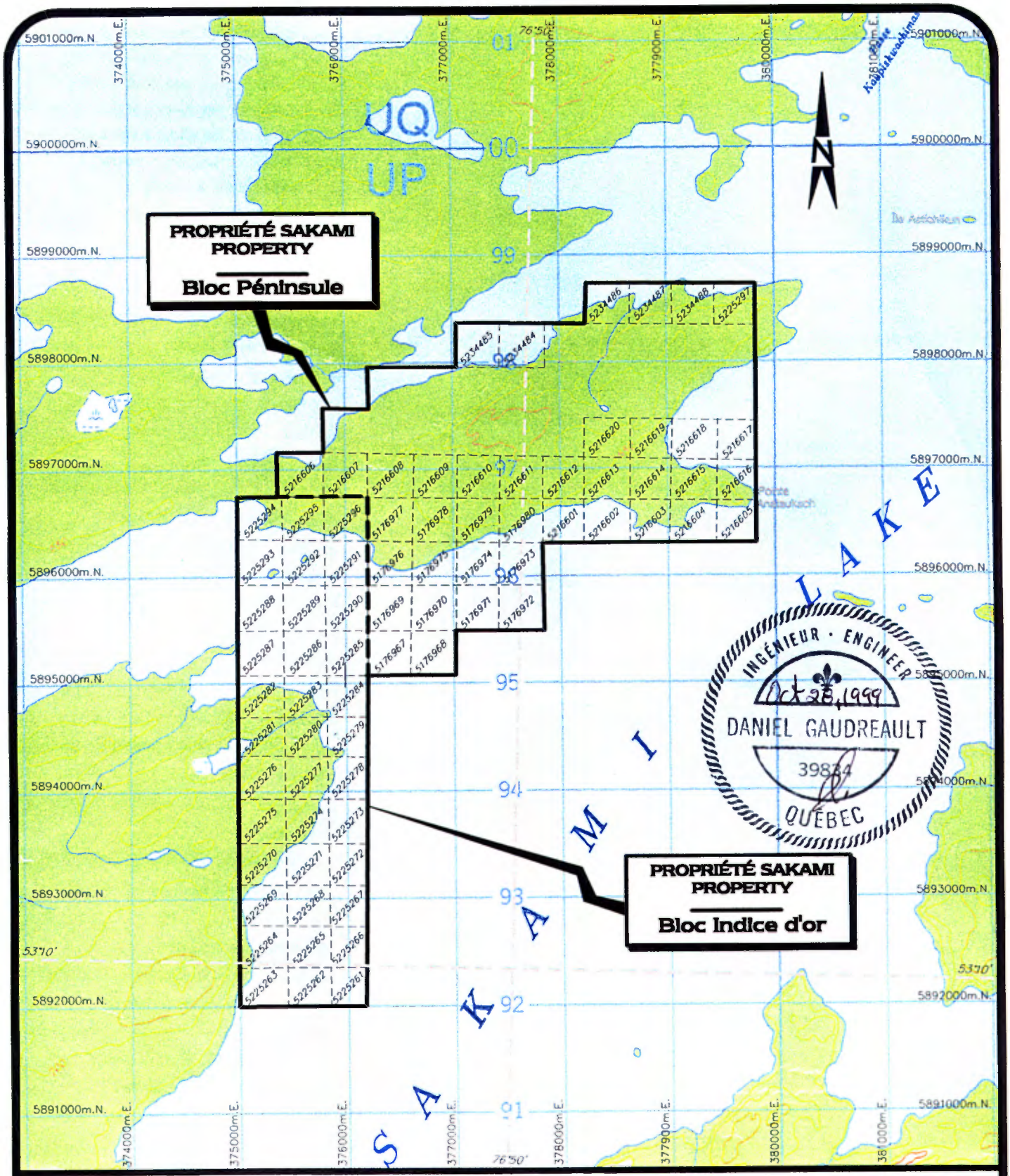
MATAMEC EXPLORATIONS INC.

GEOLOGICA INC.

0 2.5 5 7.5 10km

SCALE/ECHELLE
1 : 250 000

LOCALISATION DÉTAILLÉE/
DETAILED LOCATION MAP
Figure 2



Ref.: M.R.N.Q. Carte topo., 33/F/02

MATAMEC EXPLORATIONS INC.

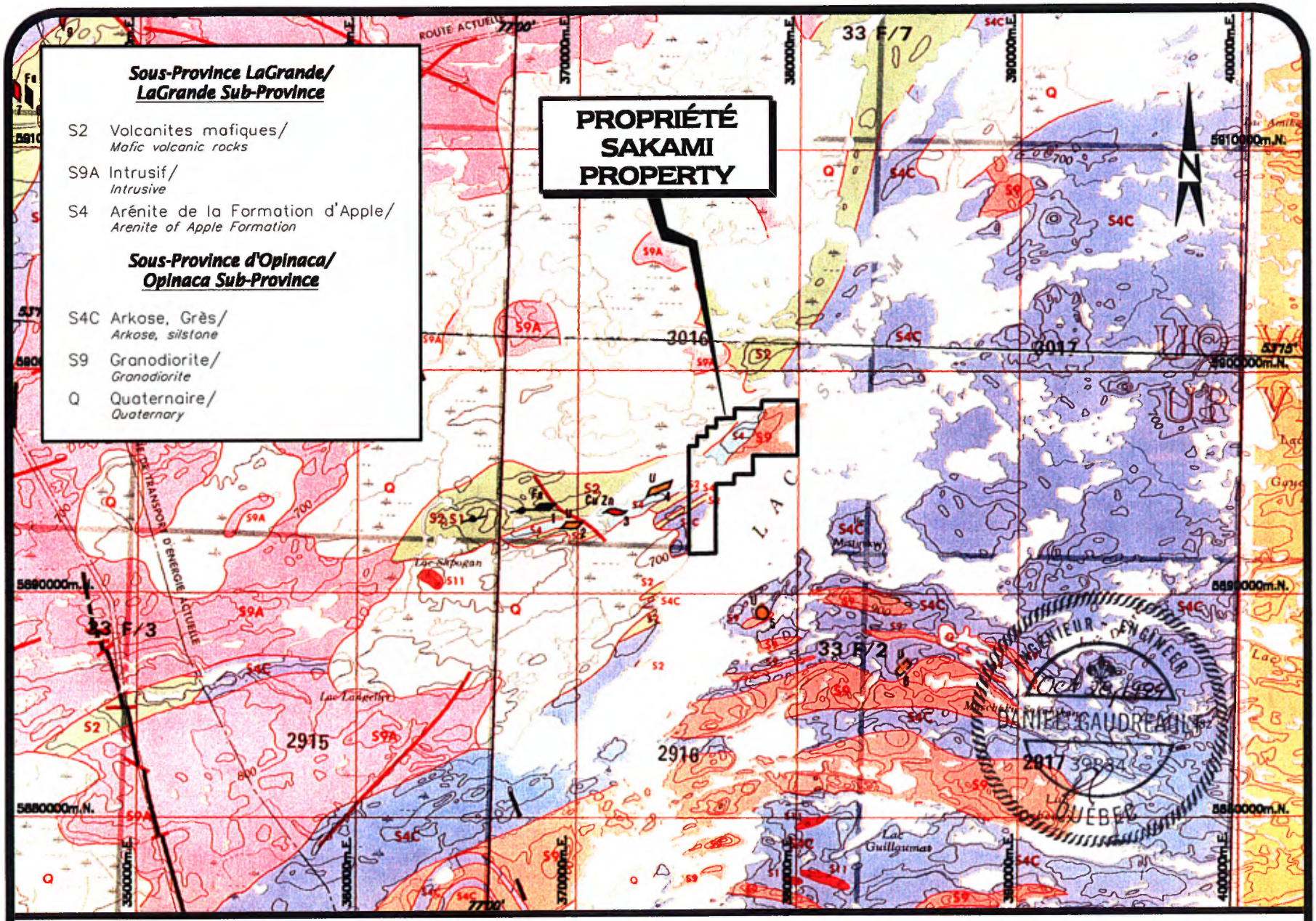
GEOLOGICA INC.

1000m 0 1000m

ÉCHELLE/SCALE
1 : 50,000

CARTE DE CLAIMS / CLAIM MAP

Figure 3



Ref.: M.R.N.Q. DPV-933

MATAMEC EXPLORATIONS INC.

GEOLOGICA INC.

0 0.5 1 1.5 2km

SCALE/ECHELLE
1 : 50 000

GÉOLOGIE RÉGIONALE/
REGIONAL GEOLOGY

Figure 4