

**NI 43-101 TECHNICAL REPORT PERTAINING TO:**

**CHIBOUGAMAU PROPERTY**

**MONSTER LAKE WEST BLOCK AND**  
**MESTON LAKE WEST BLOCK**

**Northwestern Quebec**

**Chibougamau Mining Camp**  
**NTS 32G/10 and 32 G/07**

*November 30, 2013*

**Prepared for Synergy Acquisition Corp.**

*Prepared by: Donald Th  berge, Eng., M.B.A.*

**DATE AND SIGNATURE PAGE AND CERTIFICATE OF QUALIFICATION**

I, Donald Théberge, Eng., M.B.A., do hereby certify that:

- a) I am registered under the name Solumines, and my place of business is located at 54 De La Vigie, Lévis, Province of Quebec, G6V 5W2;
- b) I am the qualified person, responsible for the preparation of all the sections of the technical report entitled “*NI 43-101 Technical Report Pertaining to: Chibougamau Property, Monster Lake West Block and Meston Lake West Block Northwestern Quebec, Chibougamau Mining Camp, NTS 32G10 and 32G07. Prepared for Synergy Acquisition Corp.*” and dated November 20, 2013;
- c) I graduated with a degree in geological engineering from the University du Québec à Chicoutimi in 1978. I obtained a Master of Business Administration (M.B.A.) from Laval University in 1994. I am a member in good standing of the Ordre des Ingénieurs du Québec (No. 32368). I have worked as a geological engineer since my graduation in 1978. My relevant experience for the Chibougamau project was acquired during my years working as a project geologist for Serem (1978-1981), as a senior geologist for Agnico-Eagle (1982-1989) and as a technical inspector for the C.E.I.P. program of Natural Resources Canada (1989-1990), and during the course of many mandates for junior exploration companies;
- d) I visited the property on November 20, 2013. One day was required for the visit. The property was accessed using logging roads. Both blocks were visited. No outcrops were observed on the Monster Lake West block. Several outcrops, basaltic / andesitic in composition were observed on the NW part of the Meston Lake West block;
- e) I am responsible for all the sections of the technical report;
- f) I am independent of the issuer in accordance with Section 1.5 of NI 43-101;
- g) I have read the definition of “qualified person” set out in Regulation 43-101 respecting standards of disclosure for mineral project, and certify that by reason of my education, affiliation with a professional association (as defined in Regulation 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of Regulation 43-101;

- h) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that Instrument and Form;
- i) As of November 30, 2013, to the best of my knowledge, information and belief, the Technical Report contains all the scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated November 30, 2013,

*Donald Th  berge*



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Donald Th  berge, Eng., M.B.A.

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Schedule 1: Claims Description

## **ILLUSTRATIONS**



General view of road R1009, the main access road, open year round



Old logging road on Monster Lake West block





Logging road on Meston Lake West block



Basalt outcrops located in NW part of Meston Lake West block

## **1.0) SUMMARY**

The Chibougamau property owned by Synergy Acquisition Corp. is made up of two claim blocks, the Meston West Lake Block and the Monster Lake West Block, totalling 78 map-designated claims for 4,357.56 ha. These claims are located in Rale, Fancamp and Gamache townships. Seventy-seven cells are located in NTS<sup>1</sup> 32G10 and one in NTS 32G07.

The expiry date of the claims is March 28, 2014. Exploration work in the amount of \$93,600 will be required on renewal, along with mining duties in the amount of \$4,231,50. No accrued work is currently registered on the claims.

The mining rights of the property are 100% held by Synergy, with a 1% NSR royalty payable to Quebec Co.<sup>2</sup> Half of this NSR may be bought back at any time for a total amount of \$500,000.

To the knowledge of the author there are no environmental liabilities pertaining to the Chibougamau property. The only permit required to carry out exploration on the property is the usual forestry management permit. Chibougamau is a mining town, and the author does not foresee any problems with regard to social acceptability. In the event of a mining operation, the company will need to reach agreement with the Cree first nation, which holds true for all the companies working in the Chibougamau area.

The area shows a relatively flat topography with a maximum elevation difference of 35 m between the highest and lowest points. The property was logged many years ago, and is now covered by a mix of spruce, birch and alder. Overburden thickness varies from 0 to a maximum of 13 m. There is no mining infrastructure on the property. It is easily accessible by using provincial road 113 and, about 10 km east of the town of Chapais, heading south on R1009, which is a main logging road open year-round. About 30 km farther south, secondary logging roads provide access to both blocks of the property.

Starting in 1952, the Quebec Ministry of Natural Resources (MRNQ) completed regional and local geological mapping, followed by airborne EM and magnetic surveys, regional geochemical surveys and regional metallogenic studies. All this work led to a better understanding of the area and the definition of major fault systems, mainly the NE and EW systems in the property area.

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<sup>1</sup> NTS: National Topographic System

<sup>2</sup> Quebec Co: is held 60% by 9248-7792 Quebec Inc. and 40% by 9257-1256 Quebec Inc.

Work reported by exploration companies started also in 1952, and is recorded until 2008. Many companies have explored the area covered by the property, but the most active were Cominco at the end of the 1970 and Soquem, with the Philibert project, from 1984 to 1992 and from 1995 to 1998. From 1992 to 1995, the Philibert property was optioned to Cambior. During this period, many ground magnetic, VLF<sup>3</sup> and IP<sup>4</sup> surveys were conducted on parts of both blocks, along with 38 diamond drill holes. The best results obtained were 1.2 g/t Au over 1.0 m in Hole 981-88-88 drilled by Soquem in 1988 on the Meston Lake West block, and 1.26 g/t over 1.5 m and 1.31 g/t Au over 1.4 m in Hole PH-94-218 drilled by Cambiex in 1994, outside the same block but very to the SE limit.

Both blocks of the Chibougamau property lie in the Obatogamau volcanosedimentary formation. The Meston Lake West block is mainly underlain by intermediate to mafic volcanics and tuffs, intruded by gabbroic sills. This rock package is bounded to the NE by the Lac Verneuil intrusive, a tonalitic to granodioritic intrusion. The Monster Lake West block is also underlain by mafic to intermediate volcanics intruded by gabbro sills and with minor, locally graphitic sediments. Thin cherty horizons were also reported in drill holes W77-8 and 9, drilled by Cominco in 1977. Brecciated zones have also been described. A major dioritic intrusive occupies the NW part of the block and covers approximately 40% of its area.

Both blocks have been affected by fault systems trending NE (Fancamp fault) and EW (Opawica-Guercheville fault). These two systems are related to several gold showings and deposits in the immediate region of the property and its surroundings, mainly the Philibert deposit, with historical resources of 1.4Mt @ 5.3 g/t Au, and the gold showings of the Monster Lake property, located between both blocks and owned by TomaGold Corp.

There are currently no well-defined mineralized zones with estimated resources on the property. However, weakly anomalous Cu values have been reported, along with gold values of more than 1 g/t, as follows:

- Hole 981-88-88, drilled by Soquem in 1988, returned 1.2 g/t over 1.0 m in a cherty tuff;
- Hole PH-94-218, drilled by Cambiex in 1994, returned 1.26 g/t Au over 1.5 m and 1.31 g/t over 1.4 m in an altered gabbro.

Two types of gold mineralization are considered for the property. The first type is the Philibert type, showing weak pyritic mineralization associated with EW shears, more precisely in an altered gabbro. This type of mineralization is found in the south part of the Meston Lake West block. The second type is the Monster Lake type, where the gold mineralization is enclosed in more or less graphitic

<sup>3</sup> VLF : Means Very Low Frequencies Survey.

<sup>4</sup> I.P : Means Induced Polarization Survey

sediments. This kind of geology is found on the Monster Lake West block, and reported in Hole W77-8 drilled by Cominco in 1977.

Synergy has not undertaken any exploration work since acquiring the property. In terms of historical work, the author was unable to verify sample preparation, analyses and security, as these items were not reported prior to NI 43-101. It was also impossible to verify the historical data. However, the author generally considers the data used in this report as reliable, based on the reputations of the exploration companies that worked in this area.

No mineral resources or reserves have been estimated for the Chibougamau property, nor has mineral processing or metallurgical testing been done. There are two mineral properties that could have a material impact on the Chibougamau property: the Philibert property, adjacent to the Meston Lake West block to the south, containing the Philibert deposit with 1.4Mt @ 5.3 g/t Au, and TomaGold's Monster Lake property, adjacent to the Monster Lake West block to the east, where many high-grade gold showings have been discovered.

In conclusion, both blocks of the Chibougamau property show a favourable geological setting for the discovery of a Philibert or Monster Lake type gold deposit. Further exploration is therefore strongly recommended on the property.

Over the years, many exploration programs have been carried out on parts of both blocks, including magnetic, VLF, IP, geochemistry and geological surveys, as well as stripping and trenching followed by 38 holes totalling at least 4,938 m. All this work led to a huge amount of data that should be compiled and assessed before undertaking field work, both to get a clear idea of what is already known and to avoid repeating reliable surveys. Two phases of work are therefore recommended.

**Phase I:**

Phase 1 would consist of the compilation of the data from all the geophysical, geological and geochemical surveys, as well as all the stripping and trenching done on both blocks and in their immediate surroundings. All the assays with their coordinates should be compiled into a database. All drilling data should be digitized into a database with all the geochemical and lithochemical analyses. Following compilation, field verification will be necessary to validate the data. Approximately \$75,000 will be required for Phase I, including updating the report.

**Phase II**

If the results of Phase I are positive, Phase II should consist of line cutting followed by geophysical surveys (Magnetic, VLF and/or IP) to verify the targets generated by the compilation. Once the

targets have been identified and verified by geophysical methods, stripping and trenching should be done, followed by geological survey, sampling and assaying. Approximately \$125,000 has been budgeted for this phase.

The detailed budget for both phases is as follows:

**Budget**

<b>Phase I: Compilation, geological verification</b>				
<b>Work</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit cost</b>	<b>Total</b>
Program preparation	3	days	800	\$2,400
Compilation (all geophysical and geological surveys)				\$30,000
Digitization of all drill holes in a database, including all geochemical and lithogeochemical assays				\$10,000
Geology, field verification				\$15,000
Assaying				\$3,000
Updating of report at the end of Phase I, and filing for statutory purposes				\$7,000
Contingencies 12%				\$8,088
	<b>Total Phase I</b>			<b>\$75,488</b>
<b>Phase II: Ground surveys, stripping and trenching</b>				
Program preparation	4	days	\$800	\$3,200
Line cutting and ground surveys, provision of \$50,000				\$50,000
Stripping, trenching, geology and assaying				\$50,000
Update report at the end of Phase 2, and filing for statutory purposes				\$8,000
Contingencies 12%				\$13,344
	<b>Total Phase II</b>			<b>\$124,544</b>
	<b>Total Phase I and II</b>			<b>\$200,032</b>

## **2.0) INTRODUCTION**

### **2.1) RECIPIENT**

This technical report on the Chibougamau property has been prepared at the request of Synergy Acquisition Corp. ("Synergy").

### **2.2) OBJECTIVES**

This report describes the scientific and technical information concerning the exploration activities, both historical and recent, carried out on the Chibougamau property.

### **2.3) SOURCE OF DATA AND INFORMATION**

This report is based on the documentation provided by Synergy and the statutory work filed with the Quebec Ministry of Natural Resources (MRNQ). A complete, detailed list of the documentation used is given in Item 27, "References".

### **2.4) SCOPE OF THE PERSONAL INSPECTION BY THE QUALIFIED PERSON**

The author visited the property on November 20, 2013. One day was required for the visit. The property was accessed using logging roads. Both blocks were visited. No outcrops were observed on the Monster Lake West block. Several outcrops, basaltic / andesitic in composition were observed on the NW part of the Meston Lake West block.

### **2.5) UNITS USED IN THIS REPORT**

Unless otherwise indicated, the units used in this report are in the metric system, amounts are in Canadian dollars, and coordinates are in the UTM system, NAD83, Zone 18.



### **3.0) RELIANCE ON OTHER EXPERTS**

The author did not rely on any other experts for the preparation of this report. Donald Th  berge, Eng., M.B.A., is the qualified person responsible for all the sections of this technical report.

### **4.0) PROPERTY DESCRIPTION AND LOCATION**

#### **4.1) AREA**

The property is made up of two claim blocks totalling 78 map-designated cells, for 4,357.56 ha.

#### **4.2) LOCATION**

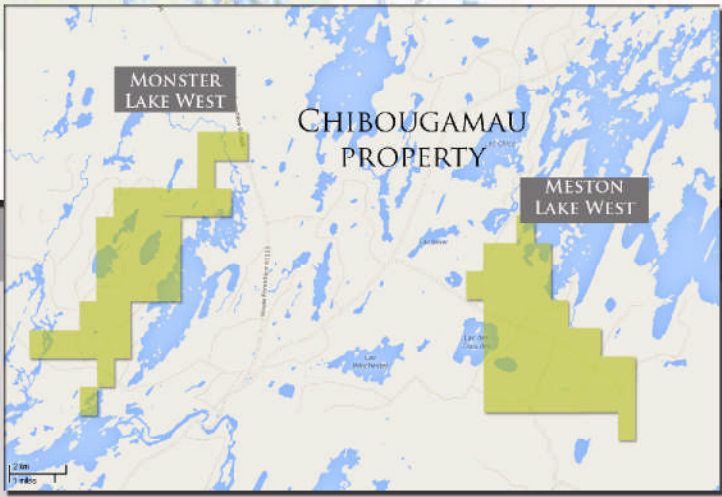
The property covers parts of Rale, Fancamp and Gamache townships. Seventy-seven (77) claims are located in NTS 32G10 and one (1) in NTS 32G07. The Monster Lake West block is centered on UTM coordinates 515,359E/5,488,009N, and the Meston Lake West block on 529,931E/5,485,015N. Both blocks are located approximately 50 km SSW of the town of Chibougamau. The property location is shown in Figure 1, "Location Map".

#### **4.3) TYPE OF MINERAL TENURE**

The Chibougamau property consists of two claim blocks made up of 78 maps-designated cells. Their expiry date is March 28, 2014. Exploration work in the amount of \$93,600 will be required on renewal, along with mining duties in the amount of \$4,231.50. No accrued work is currently registered on the claims. The claims are described in Schedule 1, "Claims Description", and illustrated in Figure 2, "Claims Map". Table 1 describes the expiry date, accumulated work, required work and mining duties for each claim block.

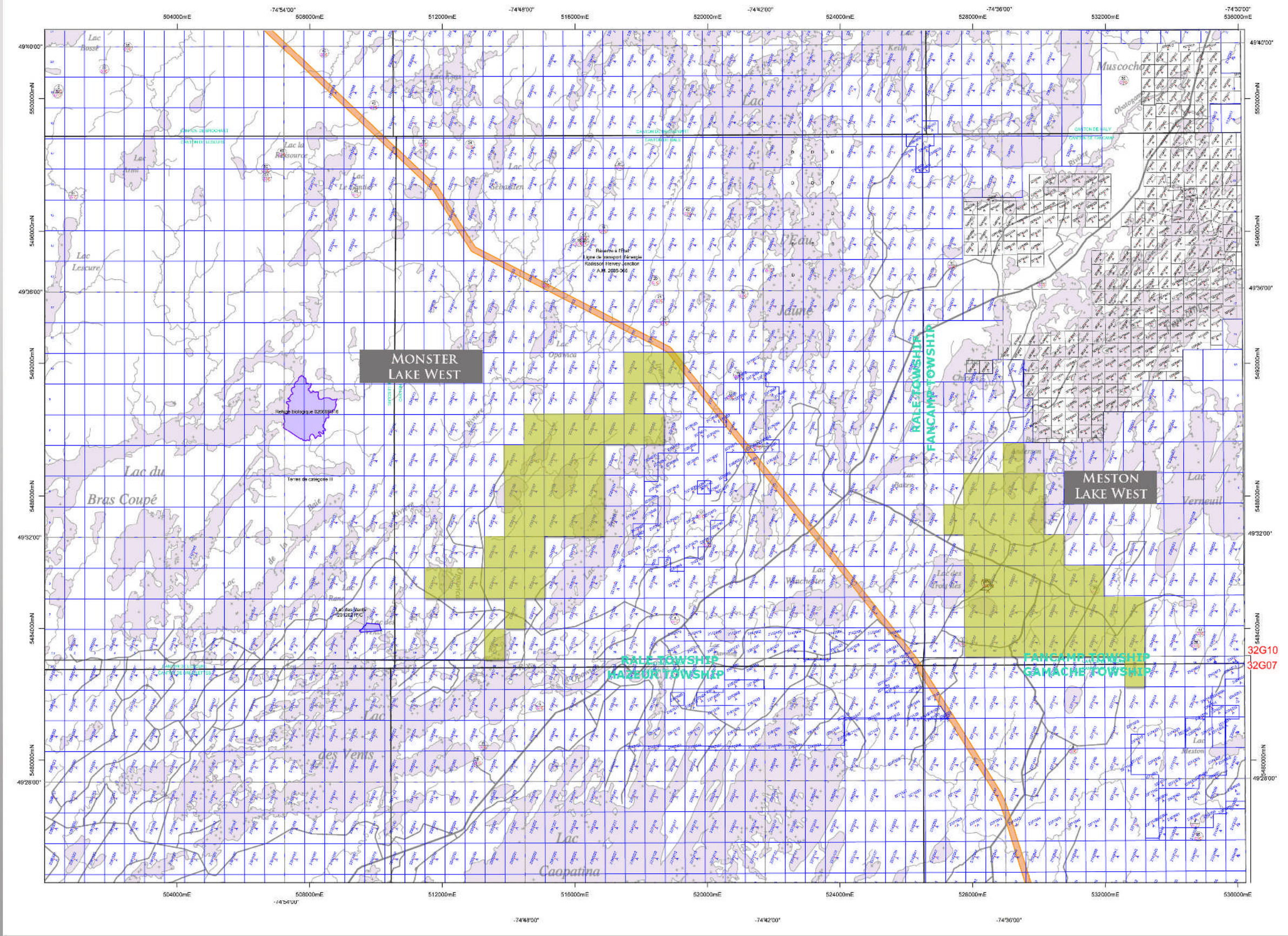
**TABLE 1: CLAIMS**

Block	Cells	Expiry date	Area (ha)	Accrued work	Required work	Mining duties
Monster Lake West	37	2014-03-28	2,066.49	\$0	\$44,400	\$2,007.25
Meston Lake West	41	2014-03-28	2,291.07	\$0	\$49,200	\$2,224.25
Total	78		4,357.56	\$0	\$103,200	\$4,231.50



**SYNERGY ACQUISITION CORP.**  
**LOCATION MAP**  
 Chibougamau Property  
 PREPARED BY: *SOLUMINES*  
 DATE: 11/16/2013  
 MAP: 32G07, 32G10

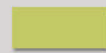




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et Faune  
**Québec**

2013-11-07

SCALE  
0 1000 2000 3000  
METERS



Chibougamau property

SYNERGY ACQUISITION CORP.  
**CLAIMS MAP**  
Chibougamau Property

PREPARED BY: SOLUMINES  
DATE: 12/02/2013  
MAP: 32G07, 32G10

FIGURE:2



#### **4.4) NATURE AND EXTENT OF THE ISSUER'S TITLES**

Synergy Acquisition Corp., hold 100% interest in the Chibougamau property. The property has been bought from two companies namely 9248-7792 Quebec inc., and 9257-1256 Quebec inc., in exchange of 250,000 common shares of Synergy.

#### **4.5) PROPERTY BOUNDARIES**

The property boundaries have not been surveyed, and there is no need for surveying, as they are already defined by the NTS coordinate system.

#### **4.6) LOCATION OF THE MINERALIZED ZONES**

There are no known mineralized zones with estimated resources on the Chibougamau property.

#### **4.7) ROYALTIES**

The sellers retains a 1% NSR<sup>5</sup> on each claims with Synergy having the right to purchase 0.5% of the NSR at any time by paying \$500,000 to the sellers.

#### **4.8) ENVIRONMENTAL LIABILITIES**

To the knowledge of the author, there are no environmental liabilities pertaining to the Chibougamau property.

#### **4.9) REQUIRED PERMITS**

The only permit required to carry out exploration work on the property is the usual permit for forestry management. The company must also respect all the environmental laws applicable to the type of work done.

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<sup>5</sup> NSR : Net Smelter Return

## **5.0) PHYSIOGRAPHY, ACCESSIBILITY, INFRASTRUCTURE AND CLIMATE**

### ***5.1) TOPOGRAPHY, ELEVATION, VEGETATION AND DRAINAGE***

The property shows a relatively flat topography, with a maximum elevation difference of 35 m between the highest point at 395 m and the lowest points at 360 m. The average elevation is approximately 375 m above sea level. The property was logged several years ago, and like much of the area is covered by a mix of swamp and spruce, birch and alder forest. The property covers part of three good-sized lakes: Lac Irène on the Monster Lake West block, Lac des Trois Îles and Lac Chevrier on the Meston Lake West block. Added to these lakes are many creeks that can supply water for drilling and eventually for mining, as the case may be. Based on historical drilling, overburden thickness varies from 0 to a vertical depth of approximately 12 m on the Meston Lake West block and 13 m on the Monster Lake West block.

### ***5.2) ACCESSIBILITY***

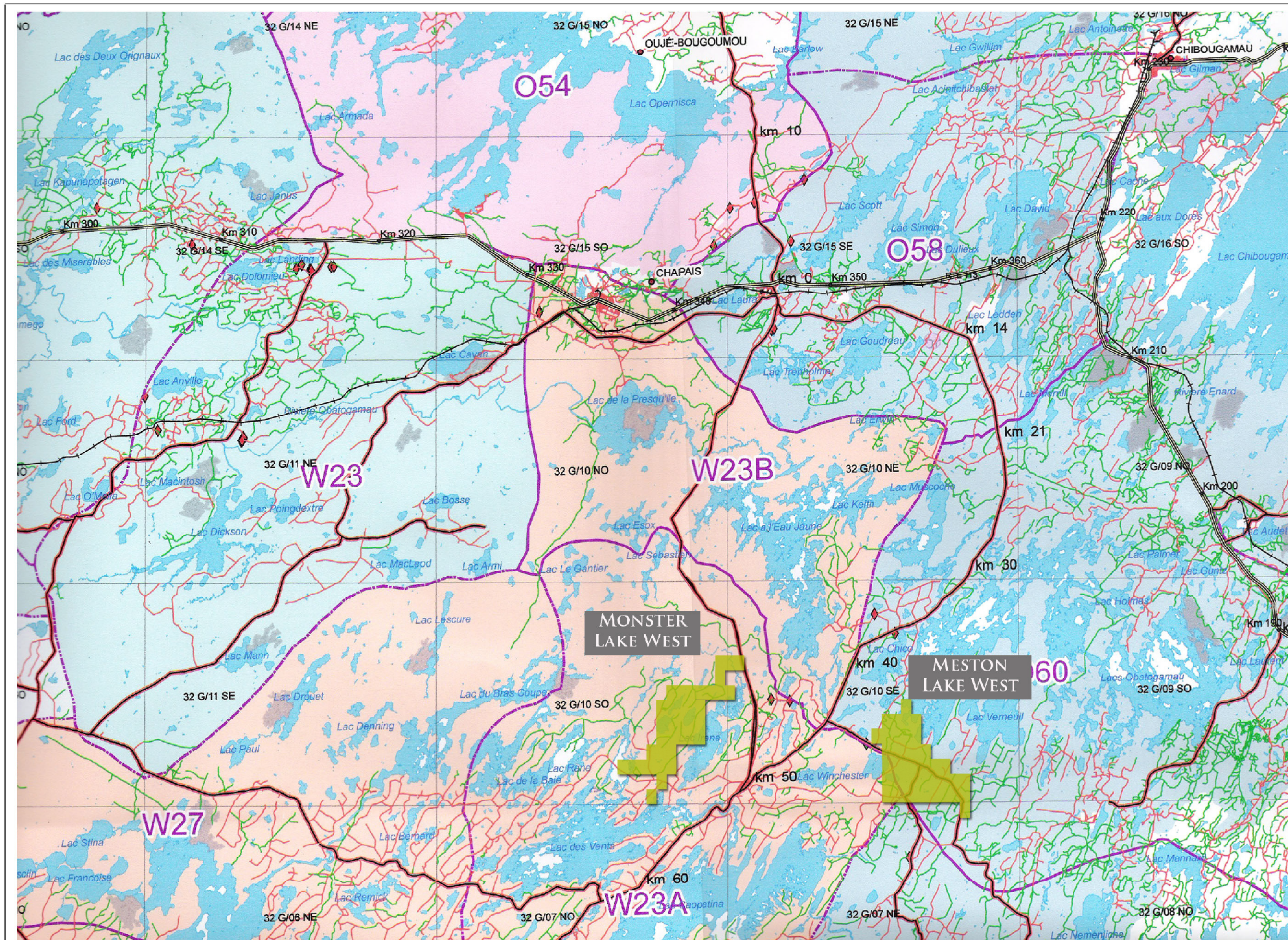
The property is easily accessible, as follows: About 10 km east of the town of Chapais, on provincial road 113, turn south on road R1009 (UTM 520,878E/5,515,430N), one of the main logging roads from the Barrette-Chapais sawmill, and open year-round. Some 30 km south on road R1009, the Meston Lake West block is accessible using secondary logging roads. Some 34 km along the R1009 road the south part of the Monster Lake West block is accessible using old logging roads.

Ideally, an ATV vehicle should be used on all the old logging roads. Room and board for the geological, geophysical and drilling crews is available in the towns of Chapais and Chibougamau. Access roads are shown on figure 3, "Access Road Map".

### ***5.3) INFRASTRUCTURE***

There is no mining infrastructure on the property. Chibougamau, with a population of 7,500, located 50 km NNE of the property as the crow flies or about 100 km by road, can provide the services and equipment required for the exploration programs. Any services and equipment not readily available in Chibougamau can be found in Val-d'Or, located 400 km to the SW.





Musée des Ressources naturelles et de la Faune  
**Québec**

QUÉBEC

N

Chibougamau Property

SCALE  
 0 5 10 km

**Légende**

- Ruisseaux
- lacs
- Feuillots
- Route régionale pavée
- Route forestière primaire
- Route forestière secondaire
- Route forestière tertiaire
- Chemin d'hiver
- chemin non praticable
- Voie ferrée

SYNERGY ACQUISITION CORP.

**ACCESS ROADS**  
 Chibougamau Property

PREPARED BY: SOLUMINES  
 DATE: 12/02/2013  
 MAP: 32G07, 32G10

Figure 3



## **5.4) CLIMATE**

The climate of the area is sub-arctic. This climatic zone is characterized by long, cold winters and short, cool summers. Daily average temperature varies from -19°C in January to +16°C in July. Strong variations may occur. The extreme maximum recorded for one day is +8.5°C in January and +35°C in July, and the extreme minimum is -43°C in January and -0.6°C in July.<sup>6</sup>

## **6.0) HISTORY**

No resources have ever been estimated on the property, nor has production ever taken place.

### **6.1) GEOLOGICAL WORK BY THE QUEBEC GOVERNMENT**

Numerous surveys and studies were produced for the MRNQ<sup>7</sup> from 1952 to 2009, with a 17-year hiatus from 1959 to 1976 where no surveys are reported. MRNQ work can be divided as follow:

- Regional and local geological mapping;
- Airborne EM and magnetic surveys;
- Regional geochemical surveys;
- Regional geological studies, mainly concerning the evolution and metallogeny of the Chibougamau Mining Camp;

*Regional and local geological mapping:* At least nine reports have been produced over the years where parts of the Chibougamau property were mapped, usually at a large scale. The main geological units were defined during these surveys. Holmes was the first in 1952, followed by Hébert (1976), Gobeil and Racicot (1982) and, from the mid-1980s to 1991, Tait, Pillote, Chown et al.

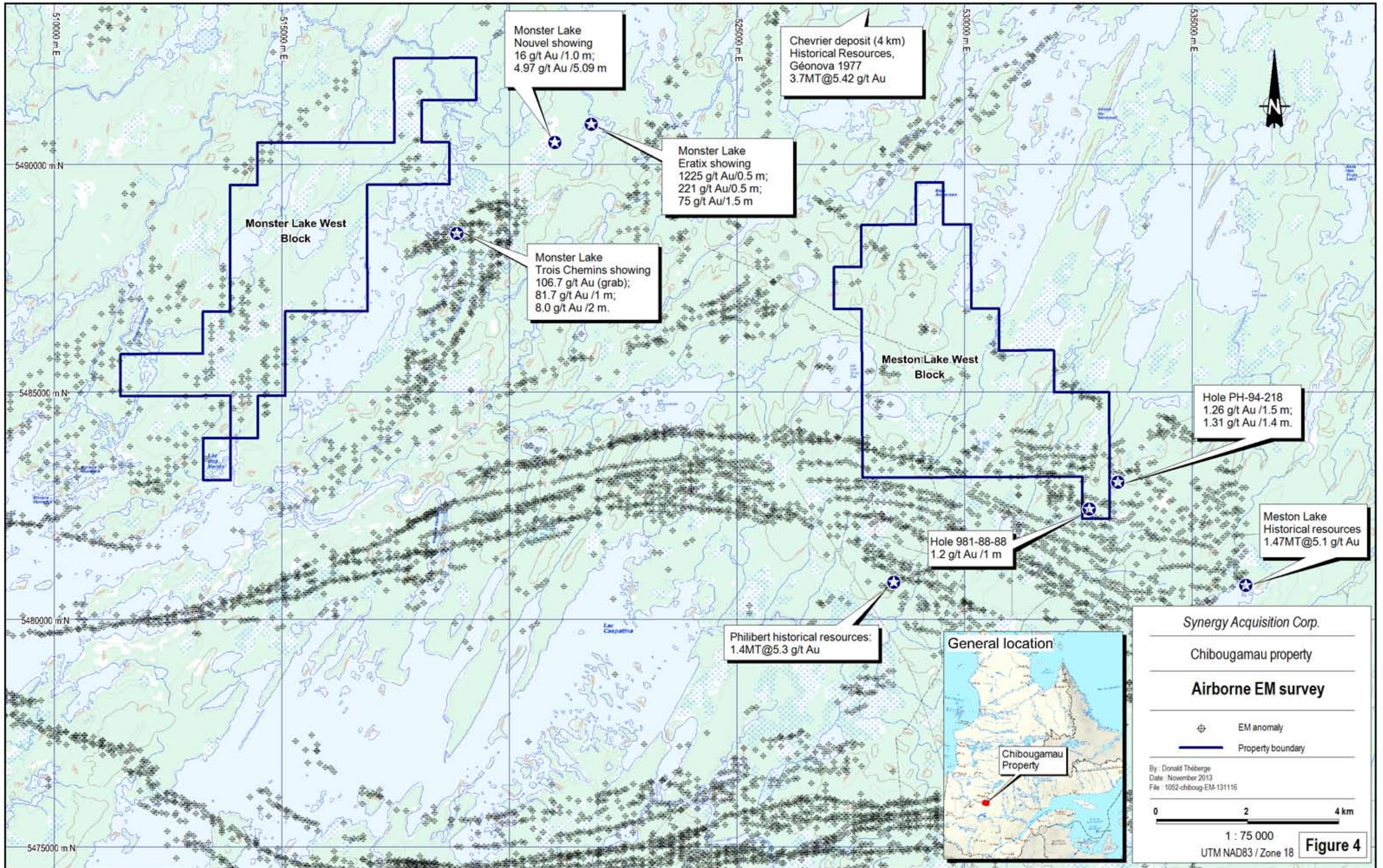
*Airborne EM and magnetic surveys:* Airborne geophysical surveys covering part of the Chibougamau property took place from 1977, with an Input MKI survey by Questor, up until 2006, with a Megatem survey. At least seven surveys and/or interpretation were completed and, along with the regional geological surveys, were useful in outlining the regional faulting. Airborne EM and magnetic maps are indicated on the next pages.

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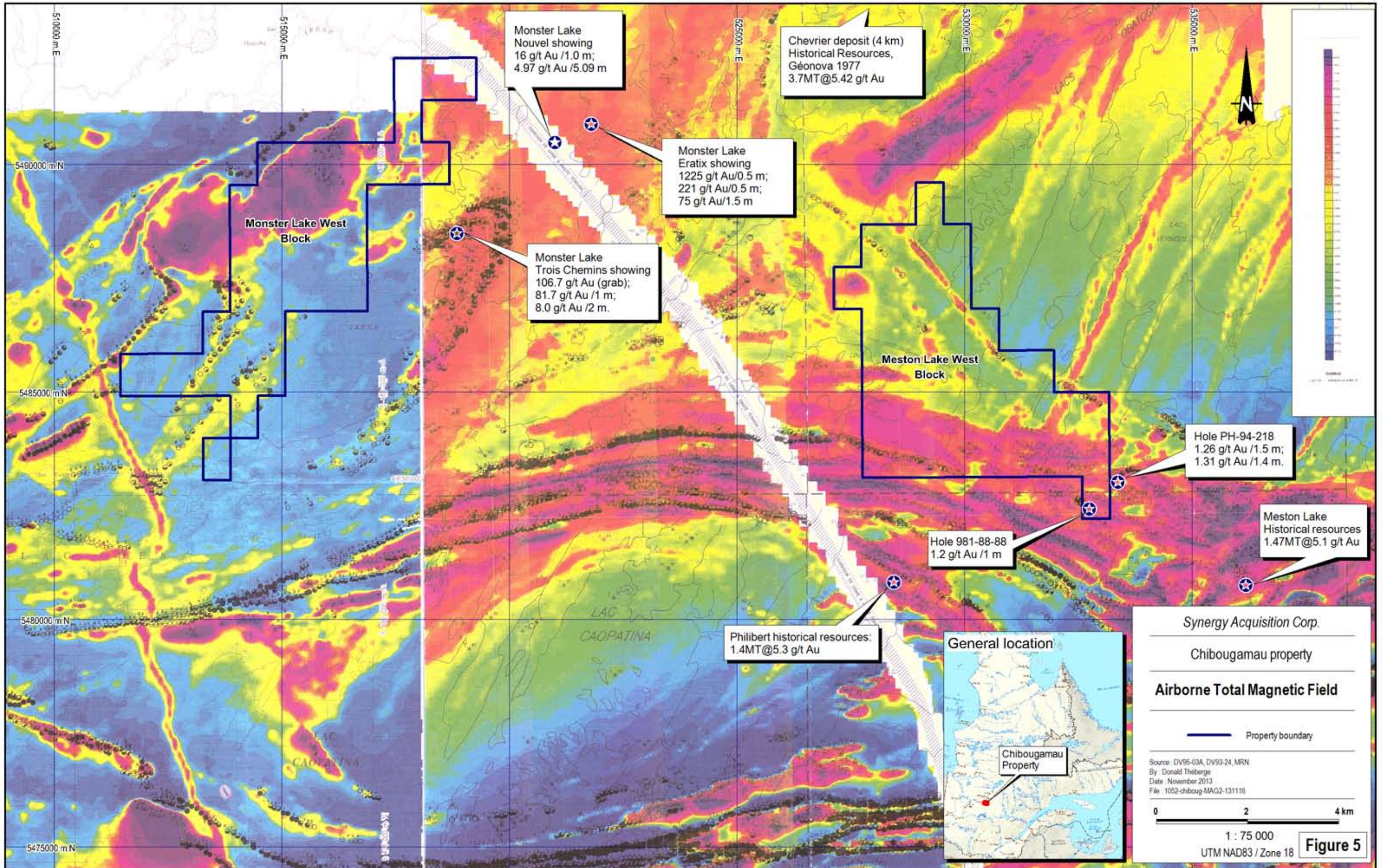
<sup>6</sup> From the Environment Canada website: Statistics for the town of Chapais from 1971 to 2000.

<sup>7</sup> MRNQ: Ministère des Ressources Naturelles du Québec. (Quebec Ministry of Natural Resources).











Regional geochemical surveys: Only two surveys were completed. The first, in 1978, was done on stream sediments, and the second, in 1995, was on the fine fraction of the till. A gold-arsenic anomaly was obtained on the SE part of Lac Irène, adjacent to the Monster Lake West block to the east.

Regional geological studies: Many regional studies concerning the structure, metallogeny and geology of the area were produced. They revealed the main shear zones, the Fancamp fault system striking NE/SW, and the Opawica-Guercheville fault zone striking E/W. Both shear zones are closely related to the Chibougamau property. These fault zones, along with intermediate to felsic intrusives, are probably responsible for the gold mineralization at the regional and property scale.

All the MRNQ reports are listed in Item 27.1, "MRNQ Reports".

## **6.2) BY MINING AND/OR EXPLORATION COMPANIES**

The exploration history of each block is described below:

### Meston Lake West Block:

The first work reported in the immediate vicinity and on this block dates back to 1952, with one drill hole by Flomic Chibougamau Mines, followed in 1956 by nine holes drilled by Lamaque Mining and Moneta Porcupine. No work was reported for the next 15 years. From 1974 to 1980, Murgor Explorations, Patino Mines, Mattagami Lake Mines and Serem completed electromagnetic, magnetic and IP surveys on parts of the block, and three holes were drilled. Unfortunately they did not return anomalous results.

In 1984, Soquem started the Philibert project, which led to the discovery of the Philibert deposit (historical resources of 1.4MT@ 5.3 g/t Au). At the time, the Philibert property covered the middle and southern part of the block. Philibert was optioned to Cambior around 1992, and then returned to Soquem around 1995. During those years, Soquem and Cambior completed a mineralized boulders search followed by geophysical (Mag, VLF and IP), geochemical and geological surveys, along with 13 holes drilled on the current Meston Lake West block. The descriptions for six of these holes drilled by Soquem are not available. The core from five holes drilled by Hudson Bay in 1970 was also located, re-logged and re-sampled by Soquem. The best results from the Soquem and Cambior holes were 1.2 g/t Au over 1.0 m in Hole 981-88-88, and 1.26 g/t Au over 1.5 m and 1.31 g/t Au over 1.4 m, both in Hole PH-94-18.

During that same period, Mattagami Lake Mines, Serem, Golden Tiger, Eider Resources, Northgate Mines, Fancamp Resources, Patino Mines and Murgor completed geophysical and geological surveys, sometimes followed by trenching and diamond drilling, mainly in the middle and northern part of the block. A total of 5 holes were drilled by some of these companies, but failed to return any anomalous gold or base metal values.

Monster Lake West Block:

The first exploration work on the Monster Lake West block was reported by Newmont Mining in 1957, with an airborne survey and two holes drilled immediately west of the block. Nothing further was reported for the next 18 years. From 1975 to 1978, Cominco Ltd. was active in the area, with geophysical surveys and five drill holes collared on the Monster Lake West block. The best result obtained was 0.45% Cu over an undetermined length in Hole W-78-8. From 1978 to 1985, no work was reported.

From 1985 until 1995, Soquem and Noranda Exploration were the two main players. They completed magnetic, VLF and IP surveys over several parts of the block, followed by stripping and trenching. Exploration Noranda drilled four holes, and Soquem eight holes, directly on the block. The best result was obtained by Soquem, with 0.11% Cu over 1.3 m from Hole 993-95-65. Since 1995, no more work has been reported on this block.

The historical work is summarized in Table 2 at the end of this section, along with a drilling summary in Table 3 and a map showing drill hole locations in Figure 6.

TABLE 2: SUMMARY OF HISTORICAL WORK

<b>Meston Lake West Block</b>				
<b>Year</b>	<b>GM</b>	<b>Company</b>	<b>Exploration</b>	<b>Remarks</b>
1952	01283-B	Flomic Chibougamau Mines Ltd.	1 drill holes	
1956	04727-A-B	Lamaque Mining	9 drill holes	
1974	29936	Jerome and Murgor Explorations	Drill holes and trenches	Just north of the block, close to Lac de l'île
1975	32088	Patino Mines	Mag survey	Covered a small part of the block
1976	33242	Patino Mines	Geochemical survey	Results inconclusive. No other work recommended. Covered S part of the block.
1977	33373	Mattagami Lake Mines	Mag and EM surveys	8 conductive zones, 6 considered as drill targets. Covered the S part of the block.
1977	33554	Mattagami Lake Mines	Geological report	Further work recommended prior to drilling.
1978	33833	Patino Mines	Geological report	1 drill hole recommended
1978	33899	Mattagami Lake Mines	Mag and EM surveys	3 holes recommended to test 3 anomalies
1979	33940	Serem Ltée.	Geological survey	On the NW part of the block.
1979	34561	Mattagami Lake Mines	5 drill holes	Mainly tuff, andesite and rhyolite. No anomalous results.
1979	36073	Serem Ltée.	Geology, geophysics, geochemistry	Cover the NW part of the block.
1979	36074	Serem Ltée.	1 drill hole	No anomalous gold values
1979	50699		Geology and geophysics	2 conductors discovered, just outside the NW part of the block
1980	36502	Patino Mines	Mag and EM	3 weak to medium conductors discovered
1984	41259	Soquem	Search for mineralized boulders, trenches and 5 holes	Holes drilled to the south of the block
1984	41477	Golden Tiger	Mag and VLF surveys	Covered part of the block
1984	41491	Eider Resources.	General report	Covered part of the block
1984	41563	Eider Resources	Qualification report	Covered part of the block.
1984	41586	Glenn Kasner	Qualification report	Covered part of the block
1984	42628	Golden Tiger	3 drill holes	Stringer zone over 1.8 m in Hole C-84-2. No anomalous gold values
1984	43302	Soquem	Geology, stripping, geochemistry and drilling.	Discovery of mineralized showing just south of the block
1985	42550	Soquem	VLF and IP	Recommendations for stripping and 9 holes
1985	42629	Golden Tiger	Evaluation report	
1986	43455	Northgate Mines	VLF survey covering a small part of the north of the block.	No more work recommended on the property
1986	43515	Golden Tiger	Mag, VLF and MaxMin	Cover the W part of the

				block. Several weak anomalies discovered
1986	43720	Fancamp Resources	Mag and VLF	
1986	44714	Soquem	Geophysical surveys, trench, drill holes	Relogging of old drill holes. No anomalous values obtained
1986	45014	Golden Tiger	Compilation report	
1986	43518	Golden Tiger	Drilling report	One hole, C-85-10, drilled on the central part of the block. No anomalous gold values reported
1987	45512	D. Malouf properties	Mag survey	
1987	45785	Northgate Mines	1 drill hole on the block	Basalt with porphyry dykes. No anomalous gold values
1988	46365	Soquem	Mag and VLF surveys	
1988	46458	Serem	IP survey	Several anomalous zones detected
1988	47284	Northgate Mines	IP survey	
1988	47711	Murgor Resources	Geophysical surveys	On a small part of the N of the block
1988	47716	Parceaud property	Evaluation report	
1988	47866	Soquem	4 drill holes	Best gold value of 1.2 g/t over 1.0 m
1988	48088	Westminer Canada	Geological survey	
1988	49097	Soquem	Mag, VLF, drill holes	9 holes, no description available
1989	49214	Soquem	Mag and VLF	On the central part of the block.
1990	49656	Serem	Mapping, prospecting, stripping	
1991	51251	Soquem	Mag and VLF	On the central part of the block. IP recommended to check the VLF anomalies
1991	51466	Soquem	Mag and VLF	Covered the south part of the block
1991	66057	Canico Resources	Regional compilation	
1992	51630	Cambior	2 drill holes	Holes cut mainly gabbro, basalt and andesite. No anomalous gold values reported
1993	52406	Fancamp Resources	Mag and VLF	Covered the area N of Lac des Trois Îles
1994	53059	Cambiex	IP survey	Discovery of many IP anomalies. Drilling recommended
1994	53161	Freewest Resources	Geological compilation report	Covered a small part of the W of the block
1994	53122	Cambiex	2 drill holes	Altered gabbro and basalt. Best gold values of 1.26 g/t over 1.5 m and 1.31 g/t over 1.4 m in Hole PH-94-218.
1998	55601	Soquem	Stripping and trenching	Weakly anomalous gold results
2005	61603	Murgor Resources	Mag survey	
2006	62877	Murgor Resources	Prospecting and	Trenching just N of the block.

			trenching	
2008	65023	Tashwo Mining Inc.	Airborne magnetic survey.	Cover the extreme north of the block
<b>Monster Lake West Block</b>				
<b>Year</b>	<b>GM</b>	<b>Company</b>	<b>Exploration</b>	<b>Remarks</b>
1957	05154-A, B	Newmont Mining	Airborne survey and 2 drill holes	Holes drilled just west of the block
1975	31615	Cominco Ltd.	Airborne survey	Covered the west part of the block
1975	32742	Cominco Ltd.	Assessment report.	General interest report
1976	32741	Cominco Ltd.	Year end report	
1976	32745	Cominco Ltd.	Geophysical report	General interest report
1976	32746	Cominco Ltd.	Geophysical and geology report	Cover a small part of the block
1977	33463	Cominco Ltd.	Drilling record	3 holes drilled on the property. No anomalous values obtained
1978	34348	Cominco Ltd.	2 drill holes	Hole W78-8 returned 0.45% Cu / ? at 76 m.
1985	42557	Soquem	Mag and VLF	Discovery of several EM conductors
1985	42695	Noranda Exploration	Geological reconnaissance	
1986	43024	Soquem	Geophysical surveys and drilling	Drill hole E of the block returned gold values up to 11 g/t over 1 m
1986	44422	Noranda Exploration	Mag and IP surveys	Covered a small part of the N of the block
1987	47519	Noranda Exploration	4 holes drilled on the N part of the block.	Holes cut mainly dioritic rocks. No anomalous gold values reported
1990	49656	Soquem	Mag and VLF	Covered the W part of the block.
1989	49983	Soquem	Geology, geochemistry and geophysical surveys	Covered the W part of the block
1989	50227	Soquem	Airborne Rexhem 4 survey	Covered the N half of the block
1991	50226	Soquem	Ground Mag and VLF surveys	Covered part of the block
1991	50535	Soquem	1 drill holes	Hole cut mainly dioritic rocks. No anomalous gold values
1991	50852	Soquem	3 drill holes	Holes cut mainly gabbro and basalt. No anomalous gold values reported
1991	51182	Soquem	Geology, geophysics, trenches and stripping	
1993	53351	Soquem	IP survey	Discovery of many anomalies
1994	53911	Soquem	IP survey	1 anomaly discovered close to the shore of the Lac Irene
1995	53912	Soquem	4 drill holes	Holes cut mainly basaltic rocks. Best values of 0.11% Cu in Hole 993-95-65
1995	53304	Kasner Group of companies	Mag and IP survey	Covered the south extremity of the block

**Table 3: Summary of Historical Drilling**

MESTON LAKE WEST BLOCK												
Year	GM #	Company	Hole #	UTM E	UTM N	Az	Dip	O/B (m)	Lenght (m)	Core size	Casing	Remarks
1952	GM 01283-B	Flomic Chibougamau	F-11	534 076	5 481 909	306	50	3	182,9	?	?	Basalt, andesite, shear zone. No anomalous gold results. Drilled immediately outside the SE part of the property.
1956	GM 04727-A	Lamaque Mining	MON-1	533 579	5 483 257	360	90	?	?	?	?	Holes drilled very close to the SE border of the property.
1956	GM 04727-A	Lamaque Mining	MON-2	533 579	5 483 258	360	60	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-3	533 579	5 483 211	360	90	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-4	533 580	5 483 221	180	60	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-5	533 580	5 483 211	360	60	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-6	533 579	5 483 234	360	90	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-7	533 580	5 483 170	180	60	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-8	533 580	5 483 184	360	90	?	?	?	?	
1956	GM 04727-A	Lamaque Mining	MON-9	533 579	5 483 200	180	45	?	?	?	?	
1978	GM 34561	Mattagami Lake Mines	FA-78-1	533 596	5 483 330	180	45	4,9	106,7	?	?	Tuffs and andesite. No anomalous gold values. Outside the property, close to the SE border.
1978	GM 34561	Mattagami Lake Mines	FA-78-2	532 483	5 482 705	180	45	6,7	169,8	?	?	Rhyolitic tuff, andesite. No anomalos results. Outside the property, close to the SE limit.
1978	GM 34561	Mattagami Lake Mines	FA-78-3	531 735	5 483 075	180	45	4,9	130,2	?	?	Andesite, rhyolite, no anomalous results. Drilled outside the property close to the SE limit.
1978	GM 34561	Mattagami Lake Mines	FA-78-4	532 794	5 484 962	215	50	10,7	137,2	?	?	Tuffs, andesite, rhyolite. No anomalous gold values. Outside the property, close to the SE border.
1978	GM 34561	Mattagami Lake Mines	FA-78-5	532 106	5 482 845	180	45	8,5	127,1	?	?	Andesite, rhyolitic tuff. No anomalous results. Outside the property, close to the SE border.
1979	GM 36073	SEREM Ltée.	FA-C-3	528 076	5 488 248	215	50	17,07	110,4	AQ	?	Mainly mafic rocks. 20% pyrrhotite and 2% chalcopyrite over 1,2 m. No anomalous values.
1984	GM 42628	Golden Tiger	C-84-1	528 220	5 483 874	200	45	2,1	104,6	BQ	Pulled	Mainly tuffs, dacite and gabbro. No anomalous values.
1984	GM 42628	Golden Tiger	C-84-2	527 705	5 483 928	200	45	3	130,5	BQ	Left	Tuff with gabbro. Stringer zone over 1.8 m. No anomalous values.
1985	GM 43518	Golden Tiger	C-85-10	529 300	5 486 440	252	50	9,1	96,6	?	?	Tuff, mafic to felsic lavas. No anomalous gold values.
1985	GM 44714	Soquem	C-12A	533 151	5 482 773	180	50	2,7	36	AQ	Left (rods jammed)	Andesite. Drilled by Hudson Bay in 1970

1985	GM 44714	Soquem	C-12	533 151	5 482 773	180	45	4,6	145,4	AQ	Left	Andesite. Drilled by Hudson Bay in 1971
1985	GM 44174	Soquem	C-3	533 779	5 482 911	180	50	8,5	144,5	AQ	Left	Andesite with some shear zones. No anomalous gold values. Drilled by Hudson Bay in 1970. Outside the property, close to the SE border.
1985	GM 44174	Soquem	C-7	534 239	5 483 985	210	50	5,8	152,4	AQ	Left	Andesite, no anomalous gold values. Drilled by Hudson Bay in 1970. Outside the property, close to the SE border.
1985	GM 44174	Soquem	C-13	528 055	5 483 874	180	50	4,2	147,2	AQ	Left	Andesite, no anomalous gold values. Drilled by Hudson Bay in 1970.
1987	GM 49097	Soquem	981-87-53	530 267	5 484 963	?	?	?	?	?	?	Drill hole not described.
1987	GM 49097	Soquem	981-87-54	530 273	5 483 698	?	?	?	?	?	?	Drill hole not described. Drilled outside the property, close to the S border.
1987	GM 49097	Soquem	981-87-57	531 350	5 483 776	?	?	?	?	?	?	Drill hole not described. Drilled outside the property, close to the S border.
1987	GM 49097	Soquem	981-87-58	531 520	5 484 069	?	?	?	?	?	?	Drill hole not described
1987	GM 49097	Soquem	981-87-59	531 347	5 483 586	?	?	?	?	?	?	Drill hole not described
1987	GM 49097	Soquem	981-87-60	531 337	5 483 445	?	?	?	?	?	?	Drill hole not described
1987	GM 49097	Soquem	981-87-64	532 738	5 482 289	?	?	?	?	?	?	Drill hole not described. Drilled outside the property, close to the S border.
1987	GM 49097	Soquem	981-87-65	532 810	5 482 433	?	?	?	?	?	?	Drill hole not described
1987	GM 49097	Soquem	981-87-66	532 689	5 482 505	?	?	?	?	?	?	Drill hole not described
1987	GM 45785	Mines Northgate inc.	FAN6-87-1	533 599	5 483 598	200	45	20,7	295	BQ	?	Basalt, cut by porphyry dykes and quartz-carbonates veins. No anomalous results.
1988	GM 47866	Soquem	981-88-87	532 684	5 482 325	?	30	4,9	162	?	Pulled	Mainly gabbro, minor basalt and tuffs. No anomalous gold values.
1988	GM 47866	Soquem	981-88-88	532 742	5 482 452	210	40	5,2	180	?	Left	Gabbro, basalt, tuffs and very minor argillite. Best gold value of 1,2 g/t over 1.0 m.
1988	GM 47866	Soquem	981-88-89	532 890	5 482 396	210	40	4,6	162	?	Left	Basalt, gabbro, breccia, tuff. Slightly anomalous for gold.
1988	GM 47866	Soquem	981-88-90	532 828	5 482 283	210	40	5,5	195	BQ	Left	Basalt, gabbro, breccia, tuff. No anomalous gold results.
1988	GM 49097	Soquem	981-88-121	531 677	5 483 272	230	45	2,4	150	BQ	Left	Basalte-gabbro. No anomalous gold values. Drilled outside the property, close to the S border.
1988	GM 49097	Soquem	981-88-122	531 872	5 483 304	180	45	3,9	102	BQ	Left	Mainly basaltic rocks. No anomalous gold values. Drilled outside the property, close to the S border.
1988	GM 49097	Soquem	981-88-123	532 496	5 483 378	180	45	4,65	99	BQ	Left	Basalt with minor sediments. No anomalous gold values. Drilled outside the property, close to the S border.



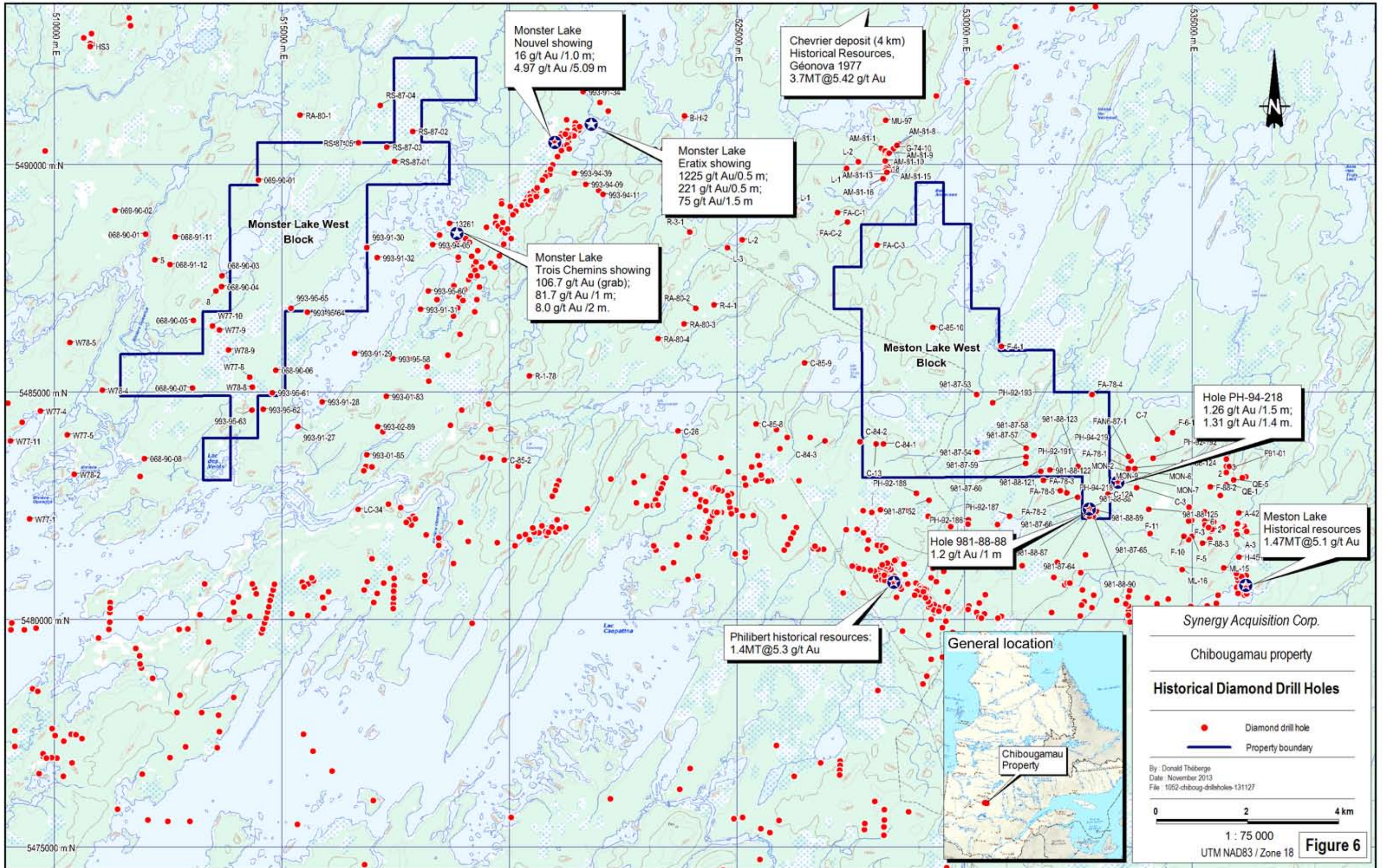
1988	GM 49097	Soquem	981-88-124	533 742	5 483 331	210	45	7,68	220,54	BQ	Left	Basalt-gabbro, graphitic shale. No anomalous gold values. Drilled outside the property, close to the S border.	
1988	GM 49097	Soquem	981-88-125	534 048	5 482 438	210	45	4,4	120	BQ	Left	Basalt and chert. No anomalous gold values. Max Zn value of 0,14%. Drilled outside the property, close to the S border.	
1992	GM51630	Cambior	PH-92-191	532 244	5 482 796	209	45	3,05	589,1	BQ	Left	Andesite, basalt, gabbro and diorite. No anomalous results.	
1992	GM 51630	Cambior	PH-92-192	534 139	5 483 558	209	45	6,1	540,11	BQ	Left	Basalte-gabbro. No anomalous gold values. Drilled outside the property, close to the S border.	
1992	GM 51630	Cambior	PH-92-193	530 612	5 484 779	208	45	7,92	652,27	BQ	Left	Tuff, basalt and andesite. No anomalous gold values. Drilled outside the property, close to the S border.	
1994	GM 53122	Cambiex	PH-94-218	533 368	5 483 506	210	46	4,3	551	BQ	Left	Alterd gabbro and basalt. Best gold values of: 1,26 g/t over 1,5 m and 1,31 g/t over 1,4 m. Drilled very close outside the SE border of the property.	
1994	GM 53122	Cambiex	PH-94-219	533 654	5 483 506	210	45	4	579	BQ	Left	Basalt, breccia, gabbro, sediments. Best value of 0,41% Zn over 1 m.	
			Total	21 holes (Holes drilled directly on the block)						2641			

**MONSTER LAKE WEST BLOCK**

Year	GM #	Company	Hole #	UTM E	UTM N	Az	Dip	O/B (m)	Lenght (m)	Core size	Casing	Remarks
1977	GM 33463	Cominco Ltd.	W77-8	514 298	5 485 341	300	45	5	146,6	AQ	?	Mainly andesite with some graphitic schist and chert. No real anomalous values.
1977	GM 33463	Cominco Ltd.	W77-9	513 633	5 486 383	120	45	4,88	65,58	AQ	?	Andesite-dacite with Breccia zone over 16 m. Some black chert. No anomalous values.
1977	GM 33463	Cominco Ltd.	W77-10	513 480	5 486 461	120	45	5,49	61,87	AQ	?	Andesite and basalte. 5-25% sulphides over 6,6 m. No anomalous values.
1978	GM 34348	Cominco Ltd.	W78-8	514 350	5 485 127	300	45	7,9	80,3	AQ	?	Argilite and andesite. 0,45% Cu /? At 76 m.
1978	GM 34348	Cominco Ltd.	W78-9	513 826	5 485 941	300	45	14	101,2	AQ	?	Andesite, fractured, mineralized. No anomalous results.
1987	GM 47519	Explorations Noranda Ltée	RS-87-01	517 480	5 490 080	205	45	30,7	166	BQ	?	Diorite, no anomalous gold values.
1987	GM 47519	Explorations Noranda Ltée	RS-87-02	517 873	5 490 745	180	45	10,9	182	BQ	?	Diorite, no anomalous gold values.
1987	GM 47519	Explorations Noranda Ltée	RS-87-03	517 308	5 490 402	240	45	21,9	180	BQ	?	Diorite, minor basalt. No anomalous gold values.

1987	GM 47519	Explorations Noranda Ltée	RS-87-05	516 685	5 490 490	325	45	5	176	BQ	?	Tonalite, diorite. No anomalous gold values.
1990	GM 50852	Soquem	068-90-06	514 867	5 485 497	315	45	7	177	BQ	Pulled	Mainly basalt, sometimes altered. No anomalous gold values.
1990	GM 50852	Soquem	068-90-07	513 036	5 485 107	315	46	6	177	BQ	Pulled	Mainly basalt, sometimes altered. No anomalous gold values.
1990	GM 50852	Soquem	069-90-01	514 492	5 489 679	315	46	7	109,25	BQ	Pulled	Gabbro+basalt, no anomalous gold values.
1991	GM 50535	Soquem	993-91-30	516 870	5 488 190	135	46	18,2	279	BQ	Pulled	Diorite. No anomalous gold values.
1995	GM 53912	Soquem	993-95-61	514 789	5 485 000	315	45	10	87	BQ	Pulled	Basalt, gabbro. No anomalous results.
1995	GM 53912	Soquem	993-95-63	514 344	5 484 617	315	45	10,2	81	BQ	Pulled	Basalt, no anomalous results.
1995	GM 53912	Soquem	993-95-64	515 566	5 486 769	315	45	14,7	135	BQ	Pulled	Basalt, gabbro. Best result of 0.1% Cu/0,5 m.
1995	GM 53912	Soquem	993-95-65	515 201	5 486 852	315	45	12,9	93	BQ	Left	Basalt, minor gabbro. Best result of 0,11% Cu /1,3 m.
			Total						2297,3			
			Total						4937,9			
												17 holes
												38 holes drilled on both blocks







## 7.0 GEOLOGICAL SETTING AND MINERALIZATION

### 7.1) GENERAL GEOLOGICAL SETTING

The Chibougamau property is located in the east part of Superior Province, which itself lies at the heart of the Canadian Shield. Superior Province extends from Manitoba to Quebec, and is mainly made up of Archean rocks. The general metamorphism is at the greenschist facies, except in the vicinity of intrusive bodies, where it can go to the amphibolite-to-granulite facies. In Quebec, the eastern extremity of Superior Province has been classified into the following sub-provinces, from south to north: Pontiac, Abitibi, Opatica, Nemiscau, Opinaca, La Grande, Ashuanipi, Bienville and Minto.<sup>8</sup> According to Card and Ciesielski (1986), the area covered by the property is located in the Abitibi sub-province. Figure 7, "Superior Province Geology", shows the position of the property within Superior Province.

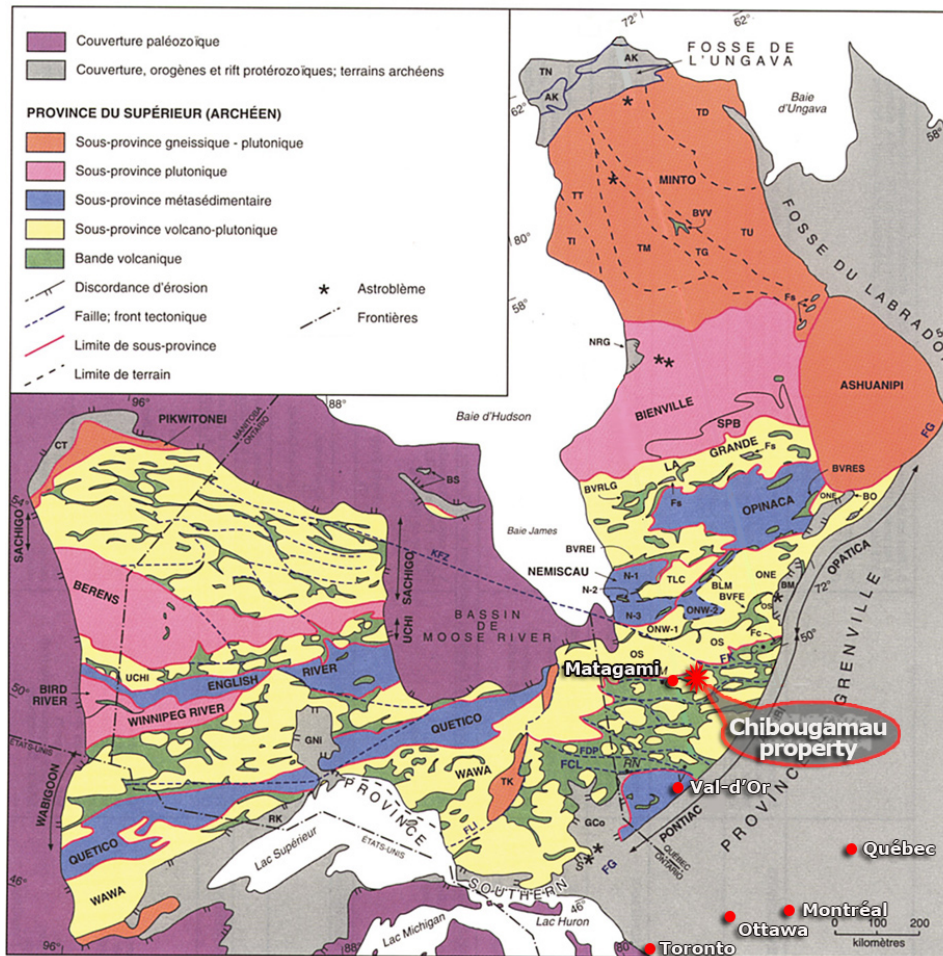


FIGURE 7: GEOLOGY OF SUPERIOR PROVINCE

<sup>8</sup> Classification by Hocq, M., in Géologie du Québec, MM 94-01

## 7.2) REGIONAL GEOLOGY

The regional geology is best described by Dion and Simard in MB 99-33, entitled “Compilation et Synthèse Géologique et Métallogénique du Segment de Caopatina, Région de Chibougamau”, translated as follows:

*“All the rocks of the region are part of the Superior Province and Archean in age, with the exception of the Proterozoic diabase dykes. The Caopatina Segment is characterized by only one volcanosedimentary cycle. The Obatogamau Formation at the base of the stratigraphic sequence is interpreted as a vast submarine plain of tholeiitic basalt showing several mafic-felsic volcanic centres, represented by the Phooey and Des Vents members.*

*The best known, the Des Vents member, is made of five felsic units, alternating with basaltic lavas and witnessing the construction of a submarine edifice, its probable emergence and its destruction. The Obatogamau Formation is covered by the sedimentary rocks of the Caopatina Formation, which form an elongated basin located at the heart of a large regional syncline (the Druillettes Syncline), bordered by E-W longitudinal faults. The Muscocho Syncline in the NE part of the region represent the southern limit of the Chibougamau Segment and includes, from the base to the top, the Obatogamau, Waconichi and Gilman formations. At the western edge of the region, the Obatogamau Formation is intruded by the anorthositic Opawica River Complex. The volcanosedimentary pile is cut by felsic intrusives pre- to syntectonic in age and by NNE diabase dykes.*

*Regional metamorphism varies from the NW toward SE, going from greenschist to amphibolite facies. Metamorphism is also at the amphibolite facies at the boundary of syntectonic plutons and close to the Grenville Front.*

*The Caopatina Segment forms a large regional syncline, the Druillettes Syncline, limited to the north by the La Dauversière Anticline and to the south by the line of the Hébert Anticline. Rocks of the area have been subjected to a first deformation phase, which produced large N-S open folds without schistosity, followed by a main deformation phase associated with a N-S shortening responsible for the formation of a large regional folding of the main E-W schistosity, the regional metamorphism and the main longitudinal faults.*

*Four families of faults have been recognized in the area: the old longitudinal EW and SE faults, the NE faults that deform the regional schistosity and the NNE faults probably associated with the Grenville orogeny. The effect of the Grenvillian orogeny on the Kenorean rocks close to the Grenville Front is observable by a rise in metamorphism, by the re-orientation of Kenorean structures parallel*

to the Front and by numerous NE folds with a SE plunge, and by a rise in the density of the NE to NNE fragile faults.

The mineral potential of the Caopatina Segment is revealed by the Joe Mann Mine and a large number of gold and base metals showings scattered along the Segment. The gold showings and deposits have been assembled into four categories based on the enclosing rocks and on the structural context. The first category is sub-divided into two sub-groups:

- I) Gold mineralization associated to EW shears
  - a) Quartz vein and sulphide-type (Joe Mann Mine);
  - b) Weak pyrite mineralization type (Philibert deposit);
- II) Gold mineralization associated with NE and NW shears;
- III) Gold mineralization enclosed in intermediate to felsic intrusions;
- IV) Gold mineralization enclosed in felsic volcanic rocks, in more or less graphitic sedimentary rocks and/or iron formations.

Base metals showings do exist in the area, but their occurrence is less documented than the gold mineralization. Figure 8 on next page shows the regional geology.

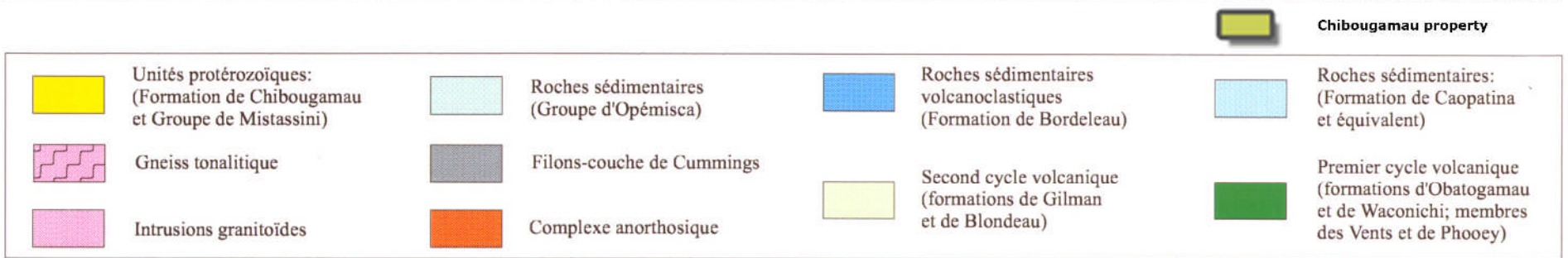
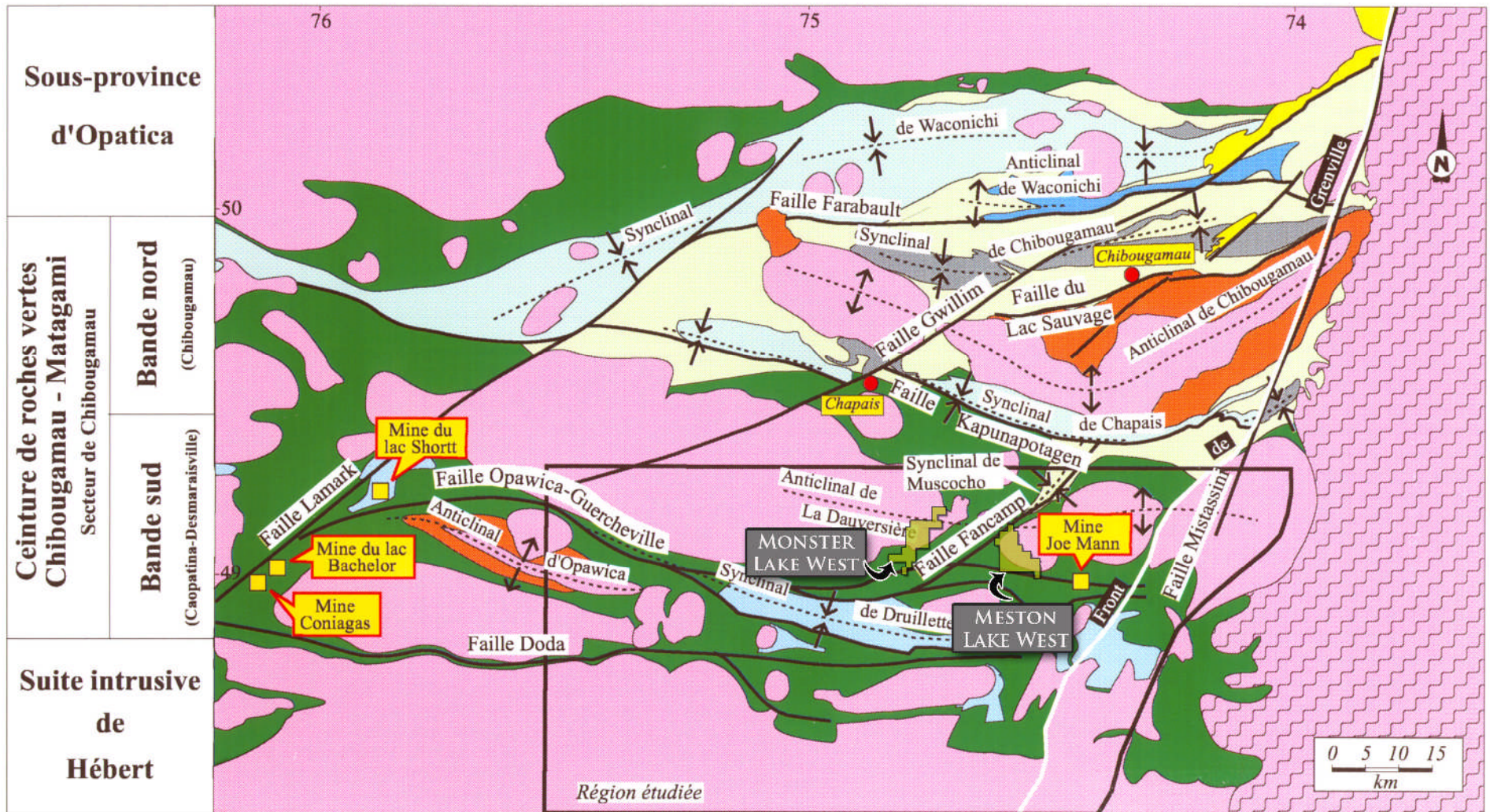
### **7.3) PROPERTY GEOLOGY**

Both blocks of the Chibougamau property lie in the Obatogamau Formation. The Meston Lake West block is underlain mainly by intermediate to mafic volcanics and tuffs, intruded by gabbroic sills. This rock package is bounded to the NE by the Lac Verneuil intrusive a tonalitic to granodioritic intrusion.

The Monster Lake West block is also underlain by mafic to intermediate volcanics intruded by gabbro sills and with minor sediments locally graphitic. Thin cherty horizons were also reported in drill holes W77-8 and 9, drilled by Cominco in 1977. Brecciated zones have also been described. A major dioritic intrusive occupies the NW part of the block and covers approximately 40% of its area.

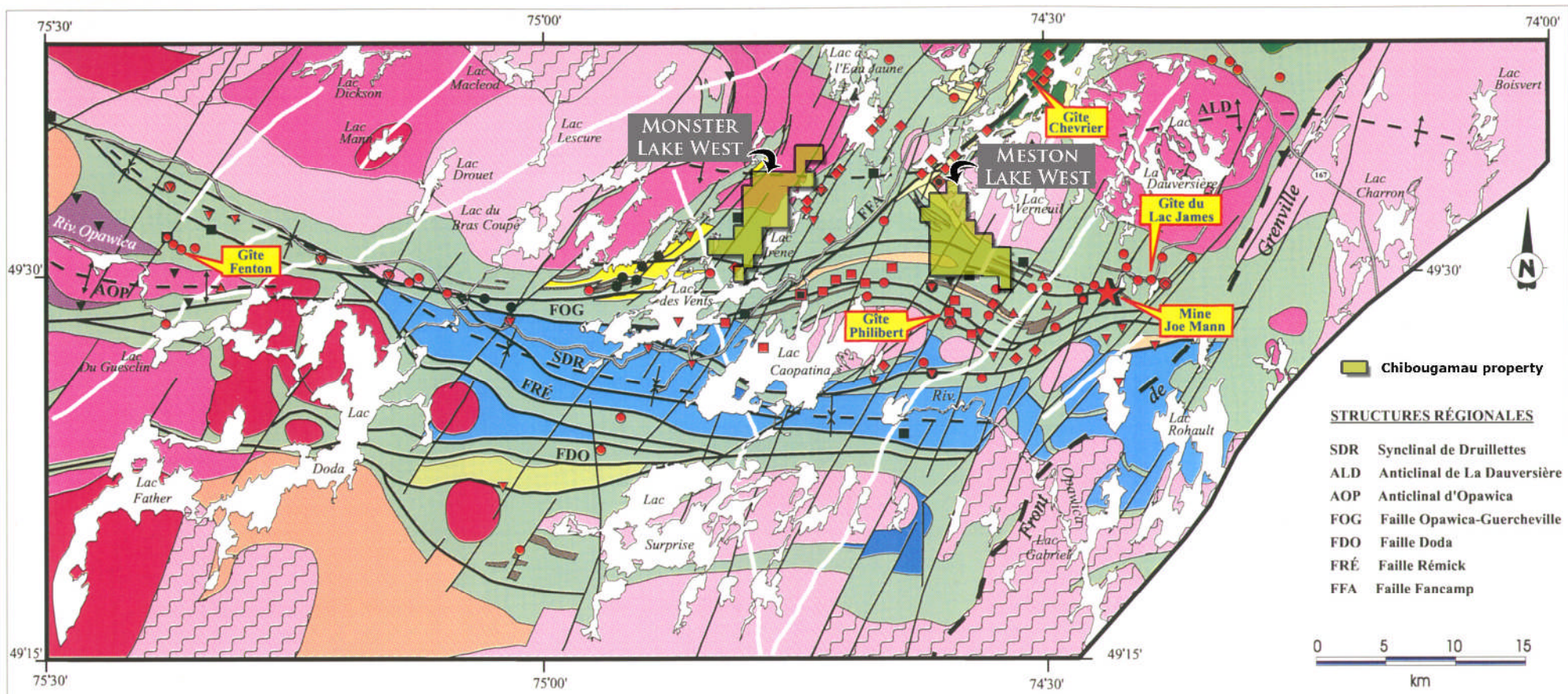
Over the years, on the basis of many geological mapping programs by the MRNQ and exploration companies, two main networks faults have been defined. Both blocks have been affected by these NE-SW and E-W trending fault systems. These two systems are related to several gold showings and deposits in the immediate region of the property and its surroundings, mainly the Philibert deposit, with historical resources of 1.4Mt @ 5.3 g/t Au, and the gold showings of the Monster Lake property, located between both blocks and owned by TomaGold Corp. Figure 9 illustrates the local geology.





**SYNERGY ACQUISITION CORP.**  
**REGIONAL GEOLOGY**  
 Chibougamau Property





**LÉGENDE LITHOSTRATIGRAPHIQUE**

<b>PROTÉROZOÏQUE</b>	
Dyke de diabase	
<b>INTRUSIONS SYNTECTONIQUES</b>	
Granodiorites	
Tonalites/granodiorites	
Monzodiorites	
<b>INTRUSIONS SYNVOLCANIQUES</b>	
Diorites et tonalites	
Gneiss tonalitiques	
Complexe anorthositique de la Rivière Opawica	
<b>FORMATION DE CAOPATINA</b>	
Grès, argilites, conglomérats, formations de fer	
<b>FORMATION DE MESSINE</b>	
Paragneiss et gneiss à biotite-grenat	
<b>ARCHÉEN</b>	
<b>FORMATION DE GILMAN</b>	
Basaltes, filons-couches de gabbro	
<b>FORMATION DE WACONICHI</b>	
Tufs felsiques à intermédiaires, rhyolites	
<b>FORMATION D'OBATOGAMAU</b>	
Tufs intermédiaires à felsiques	
Gabbros	
Basaltes, filons-couches de gabbro	
<b>MEMBRE DES VENTS</b>	
Pyroclastites, laves felsiques, sédiments volcanoclastiques, basaltes	
<b>MEMBRE DE PHOOEY</b>	
Roches volcanoclastiques intermédiaires	

**INDICES MINÉRALISÉS**

<b>INDICES AURIFÈRES</b>		<b>INDICES DE MÉTAUX USUELS</b>	
Type Ia : Minéralisations du type veines de quartz et sulfures dans des zones de cisaillement est-ouest		Type I : Minéralisation de Cu ± Zn ± Au ± Ag du type des sulfures massifs volcanogènes associées aux édifices volcaniques mafiques à felsiques	
Type Ib : Minéralisations du type faibles disséminations de pyrite dans des zones de cisaillement est-ouest		Type II : Minéralisation de Zn ± Cu ± Au ± Ag dans des laves mafiques cisailées, des roches sédimentaires ou des tufs graphiteux	
Type II : Minéralisations liées à des zones de cisaillement nord-est et nord-ouest		Type III : Minéralisation de Cu ± Au ± Ag ± Mo du type flonien liés à des zones de cisaillement est-ouest ou nord-est dans des volcanites mafiques	
Type III : Minéralisations encaissées dans des intrusions de composition intermédiaire à felsique		Type IV : Minéralisations de Cu ± Ni ± EGP dans des roches volcaniques mafiques et des intrusions associées	
Type IV : Minéralisations encaissées dans des roches volcaniques felsiques, des roches sédimentaires et/ou des formations de fer			

**SYMBOLES**

	Anticlinal régional
	Synclinal régional
	Zone de cisaillement
	Faïlle cassante
	Routes et chemins forestiers

**PRINCIPAUX GÎTES**

MINE JOE MANN	type Ia :	Réserves - 3,2 Mt à 8,88 g/t Au, 5,83 g/t Ag, 0,27 % Cu.
GÎTE CHEVRIER	type II :	Réserves - 1 Mt à 6,36 g/t Au avec des ressources de 8,3 Mt à 2 g/t Au
GÎTE PHILIBERT	type Ib :	Réserves - 1,4 Mt à 5,32 g/t Au
GÎTE FENTON	type Ia :	Réserves - 320 976 t à 4,24 g/t Au
GÎTE DU LAC JAMES	type Ia :	Réserves - 105 000 t à 2,06 g/t Au (zone sud) et 66 000 t à 4,25 g/t Au (zone nord)



#### **7.4) MINERALIZATION**

There is no well-defined mineralized zone with estimated resources on the property. However, weakly anomalous Cu values have been reported, along with gold values of more than 1 g/t, as follows:

- Hole 981-88-88, drilled by Soquem in 1988, returned 1.2 g/t over 1.0 m in a cherty tuff;
- Hole PH-94-218, drilled by Cambior in 1994, returned 1.26 g/t Au over 1.5 m and 1.31 g/t over 1.4 m in an altered gabbro just outside the property, close to the SE border. Both holes were drilled on Meston Lake West block.

#### **8.0) DEPOSIT TYPES**

Dion and Simard in MB 99-33 have already defined four types of gold mineralization occurring in the area covered by the property and its vicinity. These are:

- I) *Gold mineralization associated with EW shears*
  - a) *Quartz vein and sulphide-type (Joe Mann Mine);*
  - b) *Weak pyrite mineralization type (Philibert deposit);*
- II) *Gold mineralization associated with NE and NW shears;*
- III) *Gold mineralization enclosed in intermediate to felsic intrusions;*
- IV) *Gold mineralization enclosed in felsic volcanic rocks, in more or less graphitic sedimentary rocks and/or iron formations.*

Even if all these types may occur on the property, we mainly favour two types, the first being the Philibert type showing weak pyrite mineralization associated with EW shears. This type of shear is found in the south part of both blocks of the property. The Philibert deposit is located in an altered gabbro, the same kind of lithology as found on the Meston Lake West block, and contains anomalous gold values of in the order of 1.26 g/t over 1.5 m and 1.31 g/t over 1.4 m in Hole PH-94-218, drilled by Cambior in 1994.

The second type is the gold mineralization enclosed in graphitic sedimentary rocks. This is probably the Monster Lake type, where the showings are located on the east limb and in the nose of a fold, observable in part on the magnetic and EM airborne maps. Graphitic sediments have been reported on the Monster Lake West block, mainly in Hole W77-8 drilled by Cominco in 1977. Unfortunately,

no anomalous gold values were reported. The magnetic and EM airborne maps reveal that part of the west limb of the fold is probably located on the Monster Lake West block.

## **9.0) EXPLORATION**

Synergy Acquisition Inc. has not undertaken any exploration work since acquiring the property.

## **10.0) DRILLING**

### ***10.1) By SYNERGY***

Synergy Acquisition Inc. has not done any drilling since acquiring the property.

### ***10.2) HISTORICAL DRILLING***

Historical drilling is described in detail in Item 6.2, "Historical exploration work by mining and/or exploration companies".

## **11.0) SAMPLE PREPARATION, ANALYSES AND SECURITY**

Synergy Acquisition Inc. has not done any sampling on the property. Sampling is reported in historical reports, mainly in drill holes. However, almost all these reports were written in accordance with the common practice of the time, before NI 43-101 came into effect, and sample preparation, analyses and security were not described.

## **12.0) DATA VERIFICATION**

It is impossible to verify the historical data. Only the old reports can be consulted, and they are usually incomplete by today's standards. Furthermore, the drill core from historical drilling is lost or impossible to verify. The author had to rely on the reported exploration work alone. However, the author is of the opinion that the data used in this report is reliable.

## **13.0) MINERAL PROCESSING AND METALLURGICAL TESTING**

Mineral processing and/or metallurgical testing have never been performed on the property.

## **14.0) MINERAL RESOURCE ESTIMATES**

Mineral resource estimate has never been calculated for the property.

### ***ITEMS 15 TO 22***

Items 15 to 22 are as follows:

- 15.0) Mineral Reserve Estimate;
- 16.0) Mining Method;
- 17.0) Recovery Methods;
- 18.0) Project Infrastructure;
- 19.0) Market Studies and Contracts;
- 20.0) Environmental Studies, Permitting and Social or Community Impact;
- 21.0) Capital and Operating Costs;
- 22.0) Economic Analysis.

These items refer to properties at the development stage and do not apply to the Chibougamau property.

## **23.0) ADJACENT PROPERTIES**

There are currently at least two adjacent properties that could have a material impact on the Chibougamau property: the Monster Lake property, owned by Tomagold Corporation ([www.tomagoldcorp.com](http://www.tomagoldcorp.com)), and the Philibert property, owned by Soquem Inc. The Monster Lake property is located between the two blocks of the property and, more precisely, immediately adjacent to the Monster Lake West block to the E, and about 3 km from the western edge of the Meston Lake West block. The Philibert property lies immediately south of the Meston Lake West block.

Even if no resources have been published for the Monster Lake property, many gold showings have been discovered. They are shown in Table 4, below.

**TABLE 4: MONSTER LAKE SHOWINGS**

Showing name	Gold grade (g/t)	Length <sup>9</sup> (m)	Sample type
Eratix	1,225	0.5	Channel
	4.97	0.67	DDH <sup>10</sup>
	221	0.5	DDH
	75	1.5	DDH
	5.1	2.2	DDH
Nouvel	16	1.0	Channel
	4.97	5.09	DDH
Quatre Chemins	1.35	0.95	DDH
Patino	1.37	1.0	DDH
Trois-Chemins	106.7		Grab
	81.7	1.0	Channel
	8.0	2.0	Channel
Cominco	1.0	1.0	DDH

Showing position is illustrated on the airborne geophysical survey, geology and drill hole maps.

On the Philibert property, many showings have also been discovered over the years, the most importantly being the Philibert deposit, which was discovered in the mid-1980s and has historical resources of 1.4 MT@ 5.3 g/t Au,<sup>11</sup> in three zones associated with an alteration zone in a gabbro. The Philibert deposit is located approximately 2 km south of the southern edge of the Meston Lake West block. Its position is also shown on the airborne geophysical survey, geology and drill hole maps.

The Chevrier deposit, located about 9 km to the NE of the northern limit of Meston Lake West block, should also be mentioned, with historical resources of 3.7 MT@ 5.42 g/t Au reported by GeoNova in 1997.

***Please note that the qualified person has been unable to verify the information for Monster Lake, Philibert and Chevrier. The information for adjacent properties is not necessarily indicative of the mineralization on the property.***

## **24.0) OTHER RELEVANT DATA AND INFORMATION**

All the relevant technical data and information has been given in the preceding items. With regard to the project's social acceptability, the author does not foresee any problem. The property is located in the Chibougamau mining camp, a mining-friendly area, and nearby exploration properties have never been the object of criticism from the population. On the other hand, the property is situated in Cree territory, and in the event of a mining operation, agreement must be reached with them.

<sup>9</sup> Length means core length

<sup>10</sup> DDH : Diamond drill hole

<sup>11</sup> From the Sigeom website

## **25.0) INTERPRETATION AND CONCLUSIONS**

The Chibougamau property is made of two blocks, the Meston Lake West block and the Monster Lake West block. Both blocks are underlain by mafic volcanic and gabbro of the volcanosedimentary Obatogamau Formation. The Meston Lake West block is bounded to the NE by the Verneuil tonalitic intrusion, and almost half the north part of Monster Lake West block is occupied by a dioritic intrusive. Both blocks have been affected by NE and EW faulting.

The Opawica-Guercheville shear zone, an EW fault system present at the Philibert deposit, crosses the south part of the Meston Lake West block. The Fancamp shear zone related to the NE fault system also seems also related to the mineralization discovered on Monster Lake and to the gold mineralization of the Chevrier deposit owned by Tawsho Mining, which contains resources in the order of 3.7Mt @ 5.42 g/t Au (historical resources, GeoNova 1997).

The type of deposit mainly searched for on the Meston Lake West block is of the Philibert type, where a weak pyritic mineralization containing gold is associated with an EW shear in an altered gabbro. A similar type of mineralization has been observed on this block, mainly in Hole PH-94-218 drilled by Cambior in 1994, which returned 1.26 g/t Au over 1.5 m and 1.31 g/t Au over 1.4 m, both in an altered gabbro.

On the Monster Lake West block, the author favours the Monster Lake type of deposit, where gold mineralization is associated with quartz veins located in more or less graphitic sediments. On the Monster Lake property, this type of mineralization has returned high-grade gold intersections over short lengths. On Monster Lake, this mineralization appears to be associated with the east limb and nose of a fold. Careful study of the magnetic and electromagnetic airborne maps shows that the west limb of the fold might be located on the Monster Lake West block. This has been exemplified by Hole W77-8 drilled by Cominco in 1977, which cut graphitic schist and chert.

It is also worth mentioning that while some base metal (Cu, Zn) showings have been discovered, mainly on Philibert property, no base metal deposit has ever been discovered in this area.

In conclusion, both blocks of the Chibougamau property show a favourable geological setting for the discovery of a Philibert or Monster Lake type gold deposit. Further exploration work on the property is therefore strongly recommended.



## **26.0) RECOMMENDATIONS**

Over the years, many exploration programs have been carried out on parts of both blocks, including magnetic, VLF, IP, geochemistry and geological surveys. Stripping and trenching were also done, followed by 65 holes totalling at least 8, 815 m. All this work generated a huge amount of data that must be compiled and assessed before undertaking field work, both to have a clear idea of what is already known and to avoid repeating reliable surveys. Two phases of work are therefore recommended.

### *Phase I:*

Phase 1 would consist of the compilation of the data from all the geophysical, geological and geochemical surveys, as well as all the stripping and trenching done on both blocks and in their immediate surroundings. All the assays with their coordinates should be compiled into a database. All drilling data should be digitized into a database with all the geochemical and lithochemical analyses. Following compilation, field verification will be necessary to validate the data. Approximately \$75,000 will be required for Phase I, including updating the report.

### *Phase II*

If the results of Phase I are positive, Phase II should consist of line cutting followed by geophysical surveys (Magnetic, VLF and/or IP) to verify the targets generated by the compilation. Once the targets have been identified and verified by geophysical methods, stripping and trenching should be done, followed by geological survey, sampling and assaying. Approximately \$125,000 has been budgeted for this phase.

The detailed budget for both phases is described on next page:

TABLE 5: BUDGET

<b>Phase I: Compilation, geological verification</b>				
<b>Work</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit cost</b>	<b>Total</b>
Program preparation	3	days	800	\$2,400
Compilation (all geophysical and geological surveys)				\$30,000
Digitization of all drill holes in a database, including all geochemical and lithochemical assays				\$10,000
Geology, field verification				\$15,000
Assaying				\$3,000
Updating of report at the end of Phase I, and filing for statutory purposes				\$7,000
Contingencies 12%				\$8,088
	<b>Total Phase I</b>			<b>\$75,488</b>
<b>Phase II: Ground surveys, stripping and trenching</b>				
Program preparation	4	days	\$800	\$3,200
Line cutting and ground surveys, provision of \$50,000				\$50,000
Stripping, trenching, geology and assaying				\$50,000
Update report at the end of Phase 2, and filing for statutory purposes				\$8,000
Contingencies 12%				\$13,344
	<b>Total Phase II</b>			<b>\$124,544</b>
	<b>Total Phase I and II</b>			<b>\$200,032</b>

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**SCHEDULE 1: CLAIMS DESCRIPTION**





Block	NTS Sheet	Title #	Expiry date	Area (Ha)	Accrued work	Required work	Mining duties	Owner (s)	Constraint
Monster Lake West	32G10	2339193	March 28, 2014	55,84	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339194	March 28, 2014	55,84	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339195	March 28, 2014	55,84	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339196	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339197	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339198	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339199	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339200	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339201	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339202	March 28, 2014	55,83	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339203	March 28, 2014	55,82	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339204	March 28, 2014	55,81	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339205	March 28, 2014	55,81	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Monster Lake West	32G10	2339206	March 28, 2014	55,81	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	Affecté par : Ligne de transport d'énergie
37 claims				2066,49	\$0	\$44 400	\$2 007,25		
Block	NTS Sheet	Title #	Expiry date	Area (Ha)	Accrued work	Required work	Mining duties	Owner (s)	Constraint
Meston Lake West	32G07	2287717	April 2, 2014	55,91	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 100 % (responsable)	
Meston Lake West	32G10	2339207	March 28, 2014	55,9	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339208	March 28, 2014	55,9	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339209	March 28, 2014	55,9	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339210	March 28, 2014	55,9	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339211	March 28, 2014	55,9	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339212	March 28, 2014	55,9	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	



Block	NTS Sheet	Title #	Expiry date	Area (Ha)	Accrued work	Required work	Mining duties	Owner (s)	Constraint
Meston Lake West	32G10	2339236	March 28, 2014	55,87	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339237	March 28, 2014	55,86	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339238	March 28, 2014	55,86	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339239	March 28, 2014	55,86	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339240	March 28, 2014	55,86	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339241	March 28, 2014	55,86	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339242	March 28, 2014	55,85	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339243	March 28, 2014	55,85	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339244	March 28, 2014	55,85	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339245	March 28, 2014	55,85	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
Meston Lake West	32G10	2339246	March 28, 2014	55,84	\$0	\$1 200	\$54,25	9248-7792 Quebec Inc. (88009) 60 % (responsable) 9257-1256 Québec inc. (89033) 40 %	
41 Claims				2291,07	\$0	\$49 200	\$2 224,25		
<b>Total both blocks</b>				<b>4357,56</b>	<b>\$0</b>	<b>\$93 600</b>	<b>\$4 231,50</b>		