

GM 68129

Ni-43-101 technical report pertaining to the Vendôme sud property

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NI 43-101 TECHNICAL REPORT PERTAINING TO THE:

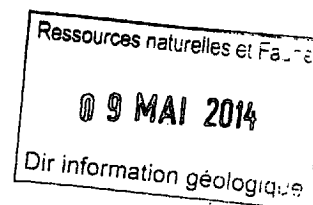
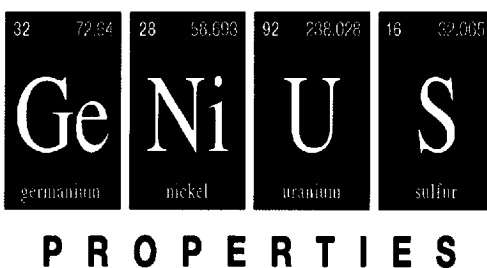
VENDÔME SUD PROPERTY

Abitibi, Quebec, Canada

NTS 32C05

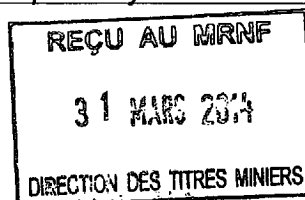
March 5, 2014

Prepared for Genius Properties Ltd.



Prepared by: Donald Théberge, Eng., M.B.A.

GM 68129



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DATE AND SIGNATURE PAGE

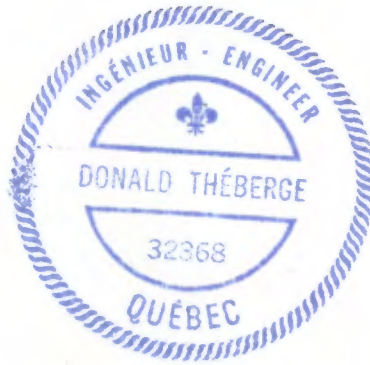
I, Donald Théberge, Eng., M.B.A., do hereby certify that:

- 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: Vendôme Sud Property, Abitibi, Quebec, Canada. NTS 32C05, prepared for Genius Properties Ltd.*” and dated March 5, 2014;
- 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 Vendôme Sud 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 Natural Resources Canada’s C.E.I.P. program (1989-1990), and during the course of many mandates for junior exploration companies;
- d) I did not visit the property;
- 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 National Instrument 43-101;
- g) I have read the definition of “qualified person” set out in National Instrument 43-101 - Standards of Disclosure for Mineral Projects, and certify that by reason of my education, affiliation with a professional association (as defined in National Instrument 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of National Instrument 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 March 5, 2014, 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 March 5, 2014,

Donald Th  berge



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

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1.0) SUMMARY

The Vendôme Sud property is made of one block of 47 claims, totalling 1,998.38 ha. It is located in Fiedmont township, which is part of NTS 32C05, and lies 3 km south of the town of Barraute. The claims expire between May 9, 2014, and March 2, 2016. Exploration work in the amount of \$56,400 will be required on renewal, along with mining duties of \$2,573.25. No accrued work is currently registered on the claims. The claims are currently in the process of being renewed.

In February 2014, Genius Properties signed an agreement with 9248-7792 Quebec Inc., for the acquisition of a 50% interest in the Vendôme Sud property in consideration of the funding of a helicopter-borne magnetic and electromagnetic (TDEM) survey. The survey has been completed and Genius has now acquired a 50% interest in the property.

To the knowledge of the author, there are no environmental liabilities pertaining to the Vendôme Sud property. The only permit to carry out exploration work is the usual permit for forestry management. The company must also respect all the environmental laws applicable to the type of work done. The property is located in a mining-friendly environment and no particular problems concerning the proposed exploration program are anticipated.

The property shows a flat topography with a maximum variation of 50 m in elevation. Vegetation is typical of boreal forests, with conifers and white birch. One of the largest lakes in the area, Lac Fiedmont, lies just south of the property, and the Laflamme River crosses the south part of the property in a north-south direction. The property is easily accessed by road from Barraute located 3 km north or Val d'Or situated 45 km south. Heavy equipment such as a drill rig or bulldozer can be downloaded directly on the property. The climate is typical of the Abitibi area, and does not hamper exploration or mining at any time of year.

From 1957 to 1964, Brown and Jones mapped the north half of Fiedmont Township, which covers the Vendôme Sud property, on behalf of the Quebec Government. This work was followed in 1969 and 1971 by an airborne Input survey. Several EM anomalies, generally weak, were discovered on the property. In 1984-1985, a regional gravity survey was completed. A gravity anomaly was located just north of the property in Range X. Later, in 1987, a geochemical till survey was done, and one sample taken at the northern edge of the property was slightly anomalous for gold. From 2006 to 2012, Lamothe et al produced three assessments, one for VMS, a second for orogenic gold and the last for porphyry copper-gold-molybdenum deposits. High-priority VMS anomalies were located on

the property. The results for the two other types of orebodies revealed a few areas of weak potential. Finally, in 2009, a MegaTEM survey was flown, but did not reveal any new anomalous areas.

Exploration in the area was initiated by the discovery of the following deposits: Vendôme No. 1 (1951), Belfort (1952) and Barvallée¹ (1956). From 1948 to 2011, many exploration companies were active on the current property; Canadian Shield Mining and Consolidated Mogador Mines were the most active of these, with several geophysical surveys and many drill holes. Around 1960, Canadian Shield and Fiedmont Syndicate discovered the Vendôme No. 2 deposit with historical resources of 317,000 T @ 0.82% Ni and 0.68% Cu. This deposit now lies outside the boundaries of the Vendôme Sud property, but its east and west extensions are located on the property.

Over the years, a total of some 145 holes totalling more than 21,000 m were drilled on the property. They not only revealed the ultramafic intrusive containing the Vendôme No. 2 deposit, they also returned some intersections containing gold and geology favourable to volcanogenic massive sulphide deposits.

The property is located in the southeastern part of the Superior geological province, in the Abitibi sub-province. It is underlain by the mafic volcanic rocks of the Landrienne Formation, and by the Aurora Group, made up of volcanic rocks and containing a felsic and a mafic member. The mafic member covers the main part of the property and is made up of chloritized rhyolite, tuff, agglomerate, chert, sulphides and, to a lesser extent, andesite. Several small intrusives probably related to the Lacorne Batholith also occur on the property. At present, there are no defined mineralized zones on the property, but there are several holes with gold and nickel-copper intersections.

From what we know about the property geology, it has potential for four types of deposits:

- Volcanogenic massive sulphide (VMS) deposits of the Noranda (Horne) – Matagami (Mattagami Lake Mine) type;
- Gold-enriched volcanogenic massive sulphide deposits of the La Ronde (Agnico-Eagle) type;
- Greenstone-hosted quartz-carbonate vein deposits of the Sigma – Lamaque type;
- Nickel-copper (Ni-Cu) deposits of the Vendôme No. 2 type.

The two most probable are the VMS and Ni-Cu type deposits.

¹ Vendôme No. 1: 800,000T @ 7.27% Zn, 0.37% Cu, 44.34 g/t Ag, 1.88 g/t Au.
Belfort: 227,000T @ 7.0% Zn, 0.21% Cu, 20.92 g/t Ag,
Barvallée: 200,000 T @ 5.99% Zn, 1.13% Cu, 44.23 g/t Ag, 0.54 g/t Au.
All historical resources, not NI 43-101 compliant. From the MRN SIGEOM website.

In January 2014, Genius proceeded with a helicopter-borne magnetic and electromagnetic survey, carried out by Prospectair Geosurveys. A total of 176 line-km were flown. Several magnetic lineaments were identified, probably related to the structural complexity of the underlying rocks. The TDEM survey revealed 128 anomalies, with 85 considered marginal, four weak, 24 intermediate, 11 strong and four very strong. Many of these anomalies can be caused by manmade infrastructure like powerlines, roads, etc.

Four deposits are located within a radius of less than 2 km of the property, three of which (Barvallée, Vendôme No. 1 and Belfort) contain mainly zinc and to a lesser extent copper, silver and gold and can be considered VMS deposits. The fourth, Vendôme No. 2, is surrounded by the property and contains nickel and copper. It is associated with a differentiated ultramafic intrusion. A recent helicopter-borne survey shows that the intrusion extends onto Lots 25, 27 and 29, Range IX, which are located on the Vendôme Sud property. This is revealed by the magnetic survey, because the Vendôme No. 2 deposit doesn't appear to respond to electromagnetic methods, with no Input or MegaTEM response.

Over the years, more than 21,000 m have been drilled on the property. Unfortunately, assays have only been reported for a handful of these holes. On the other hand, this drilling contributed to the knowledge of the property geology. Taking all those facts into consideration, further exploration it is highly recommended on the property, based on historical work and the recent helicopter-borne survey, to maximize the possibility of discovering a deposit.

In light of the results obtained to date and the favourable geology observed, a two-phase exploration program is suggested, for a total amount of \$408,000.

For Phase I, the following is recommended:

- A geological compilation of all the holes drilled on and in the immediate vicinity of the property, including all available assays, with lithochemistry, to characterize the rock alteration;
- Compilation of outcrop and geophysical survey data to obtain an overall picture of the property geology;
- Helicopter-borne magnetic and TDEM surveys to complete the geophysical coverage of the property;
- Geological survey guided by air photo or satellite imagery and, at the same time, a search to locate the five casings left in drill holes by previous operators;

- A Pulse-EM survey in each of the casings discovered to extend the area probed by the hole to 75-100 m.
- Finally, a 43-101 report update and filing of the exploration work with the MRN to obtain enough credits to keep the claims in good standing.

If Phase I produces encouraging results, Phase II should be undertaken, consisting exclusively of 2,000 m of diamond drilling. As in Phase I, the NI 43-101 report should be updated at the end of Phase II and the exploration work should be filed with the MRN.

The budget for both phases is as follows:

Phase I: Geophysical and Geological Surveys				
Work	Quantity	Unit	Unit cost	Total
Program preparation	3	days	\$800	\$2,400
Drill hole data compilation, including all available assays and lithochemistry				\$15,000
Geological and geophysical data compilation				\$15,000
Search for old diamond drill holes with casings and geological survey, done on GPS lines.				\$25,000
Pulse EM in old drill holes, at least five holes (including geophysical report)	5	holes	\$3,500	\$17,500
Analysis	50	samples	\$50	\$2,500
Helicopter-borne survey on the newly staked claims (all inclusive)	60	km	\$225	\$13,500
Report at the end of Phase I: update of NI 43-101 and filing of exploration work with the MRN				\$12,000
Contingency 12%				\$12,348
			Total Phase I	\$115,248
Phase II: Diamond Drilling				
Program preparation	4	days	\$800	\$3,200
Drilling	2,000	m	\$125	\$250,000
Report update at the end of Phase 2, and filing for statutory purposes				\$12,000
Contingency 12%				\$31,440
			Total Phase II	\$293,440
			Total Phase I and II	\$408,688

2.0) INTRODUCTION

2.1) RECIPIENT

This technical report on the Vendôme Sud property has been prepared at the request of Genius Properties Ltd. (“Genius”).

2.2) OBJECTIVES

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

2.3) SOURCE OF DATA AND INFORMATION

This report is based on the documentation provided by Genius 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 did not visit the property.

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

Donald Théberge, Eng., M.B.A., is the qualified person responsible for all the sections of this technical report. However, for the helicopter-borne survey, he relied on Joël Dubé, Eng., who was responsible for the certification and interpretation of the geophysical data.

4.0) PROPERTY DESCRIPTION AND LOCATION

4.1) AREA

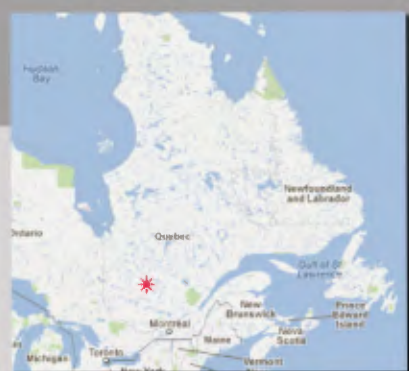
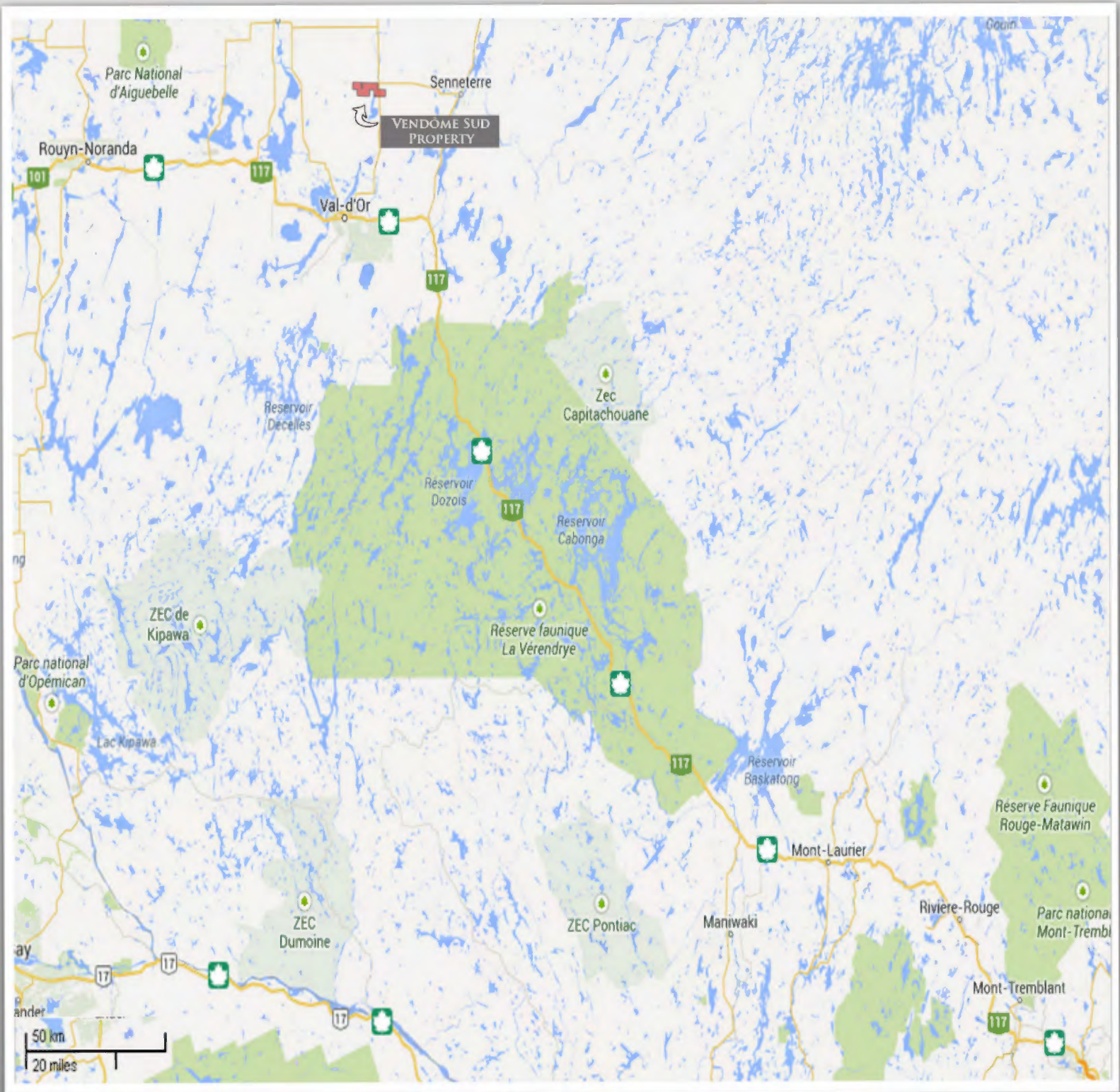
The property is made up of 47 map-designated cells in one claim block totalling 1,998.38 ha.

4.2) LOCATION

The property is located in NTS 32C05. It is centered on UTM 302,830E / 5,364,324N. The closest town is Barraute, located approximately 3 km north of the property. Barraute is a small town with a population of 2,000. Val-d'Or is located about 45 km south of the property. The property location is shown in Figure 1, "Location Map".

4.3) TYPE OF MINERAL TENURE

The Vendôme Sud property is made up of 47 map-designated cells totalling 1,998.38 ha in one block. The claims expire between May 9, 2014, and March 2, 2016. Exploration work in the amount of \$56,400 will be required on renewal, along with mining duties in the amount of \$2,573.25. No accrued work is currently registered on the claims. The property boundaries have not been surveyed, and there is no need for surveying, as they are defined by the land register (lots and ranges). Thirty-three claims are registered 50% to Synergy Acquisition and 50% to 9248-7792 Quebec Inc., and 14 recently-staked claims are 100% registered in the name of Synergy Acquisition. Finally, Synergy Acquisition's name on the newly-staked claims will be updated and changed to Genius Properties Ltd. to reflect the company's name change. The claims are described in Table 1, "Claims Description", and illustrated in Figure 2 "Claims Map".




 Vendôme Sud Property

FIGURE: 1

PREPARED BY: SOLUMINES
 DATE: 03/08/2014
 MAP: 32C05



LOCATION MAP
 Vendôme Sud Property

TABLE 1: CLAIMS DESCRIPTION

Title #	Expiry date	Area (Ha)	Accrued work	Required work	Mining duties	Claim holder and %
2344057	9-May-14	42,4	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2344058	9-May-14	42,4	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2344059	9-May-14	42,4	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2344060	9-May-14	42,4	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2344061	9-May-14	42,4	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2359936	1-Aug-14	42,41	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361029	19-Aug-14	42,24	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361030	19-Aug-14	42,27	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361031	19-Aug-14	42,3	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361032	19-Aug-14	42,32	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361033	19-Aug-14	42,35	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361034	19-Aug-14	42,37	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361035	19-Aug-14	42,4	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361036	19-Aug-14	42,35	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361037	19-Aug-14	42,35	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361038	19-Aug-14	42,35	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361039	19-Aug-14	42,35	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361040	19-Aug-14	42,36	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2361041	19-Aug-14	42,37	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2369580	6-Nov-14	42,42	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2369581	6-Nov-14	42,45	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2369582	6-Nov-14	42,5	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2369583	6-Nov-14	42,38	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2369584	6-Nov-14	42,39	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2370085	7-Nov-14	42,37	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2370852	21-Nov-14	42,37	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2370853	21-Nov-14	42,36	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %

Title #	Expiry date	Area (Ha)	Accrued work	Required work	Mining duties	Claim holder and %
2370888	22-Nov-14	42,86	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2370889	22-Nov-14	42,88	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2370890	22-Nov-14	42,9	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2370891	22-Nov-14	42,92	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2383517	1-Apr-15	42,34	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2383518	1-Apr-15	42,34	\$0	\$1 200	\$54,75	9248-7792 Quebec Inc. 50 % Synergy Acquisition Corp. 50 %
2400675	2-Mar-16	42,52	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400676	2-Mar-16	42,54	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400677	2-Mar-16	42,94	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400678	2-Mar-16	42,96	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400679	2-Mar-16	42,98	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400680	2-Mar-16	43	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400681	2-Mar-16	43,02	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400682	2-Mar-16	43,04	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400683	2-Mar-16	43,06	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400684	2-Mar-16	42,41	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400685	2-Mar-16	42,41	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400686	2-Mar-16	42,41	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400687	2-Mar-16	42,41	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
2400688	2-Mar-16	42,41	\$0	\$1 200	\$54,75	Synergy Acquisition Corp. 100 %
<i>Total</i>	<i>47 claims</i>	<i>1998,38</i>	<i>\$0</i>	<i>\$56 400</i>	<i>\$2 573,25</i>	

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4.4) NATURE AND EXTENT OF THE ISSUER'S TITLES

In February 2014, Genius Properties signed an agreement with 9248-7792 Quebec Inc., for the acquisition of a 50% interest in the Vendôme Sud property in consideration of the funding of a helicopter-borne magnetic and electromagnetic (TDEM) survey. The survey has been completed and Genius has now acquired a 50% interest in the property.

4.5) ROYALTIES

There is no royalty attached to the property.

4.6) ENVIRONMENTAL LIABILITIES

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

4.7) 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.

5.0) PHYSIOGRAPHY, ACCESSIBILITY, INFRASTRUCTURE AND CLIMATE

5.1) TOPOGRAPHY, ELEVATION, VEGETATION AND DRAINAGE

The property shows a flat topography varying from 300 to 350 m above sea level. Vegetation is typical of boreal forests, with conifers, such as black spruce, white spruce, fir and larch, and a few broad-leaved species, like white birch. Lac Fiedmont is located very close to the southern property boundary. This is a large lake measuring 6 km in its longest direction and 3 km at its widest part. Rivière Laflamme crosses the south part of the property in a north-south direction. They can both be

used as a source of water for drilling, as can other small creeks. They can also be used in case of a mining operation.

5.2) ACCESSIBILITY

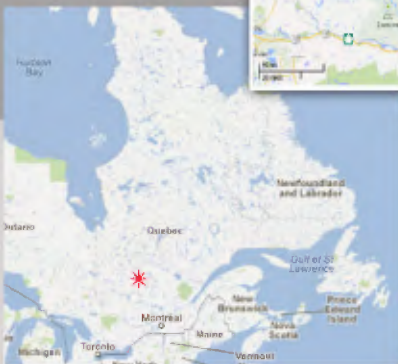
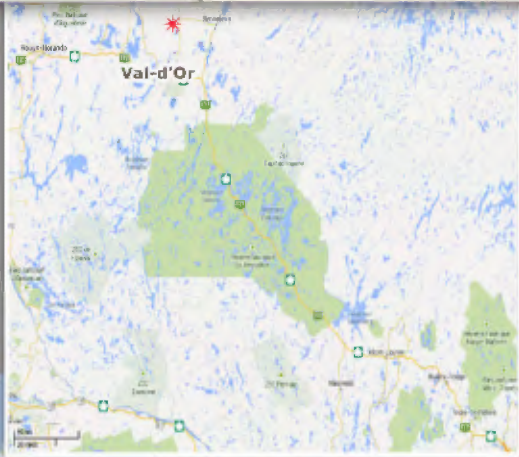
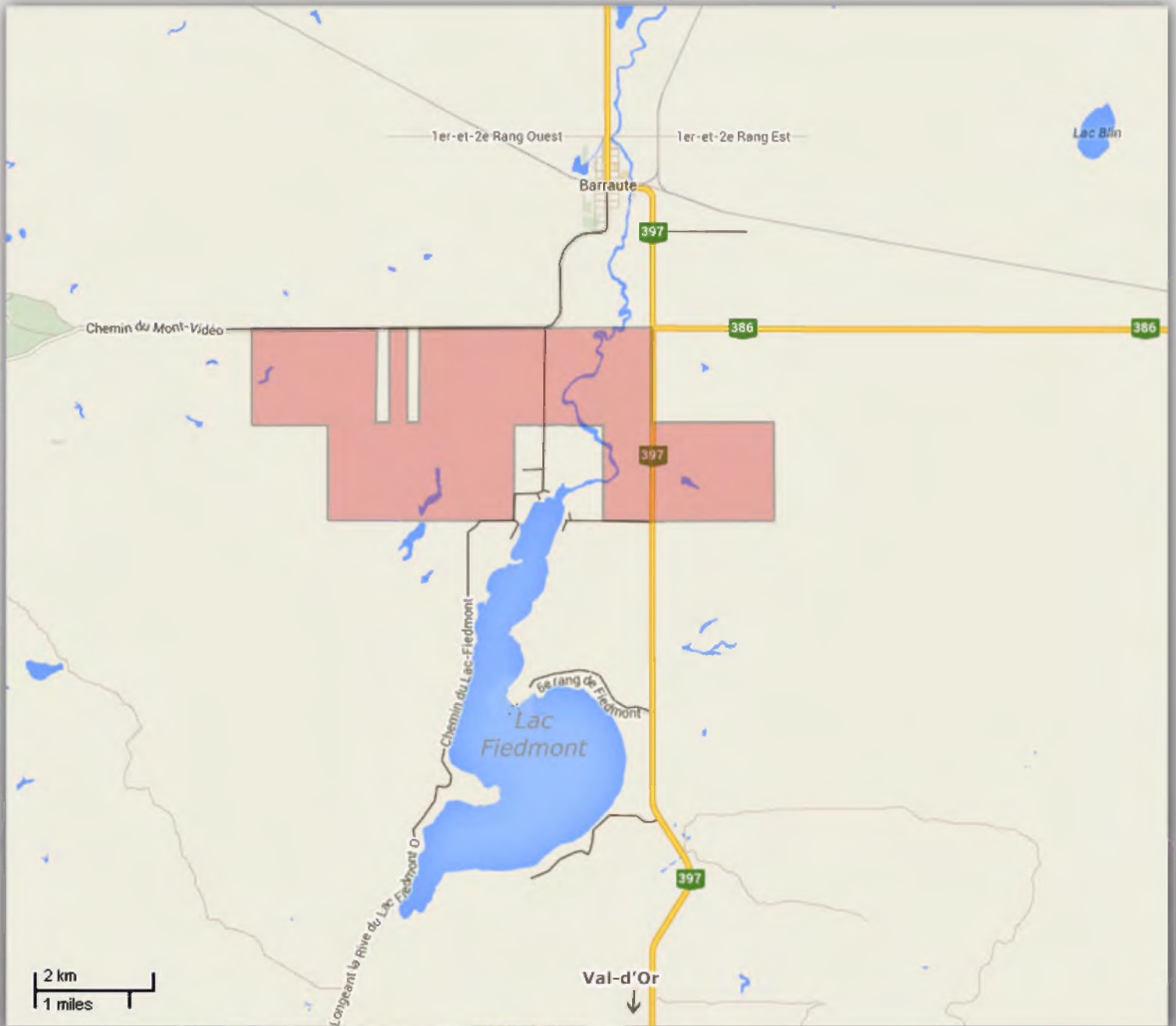
The property can be easily accessed by road from Val-d'Or or Barraute. Road 397, a paved road, crosses the east part of the property, and Chemin du Mont Video marks the northern property boundary. The south part of the property can be accessed by secondary gravel roads. Heavy equipment such as drill rigs and bulldozers can be downloaded directly on the property. Access to the property is shown in Figure 3, "Access Road Map".

5.3) INFRASTRUCTURE

There is no mining infrastructure on the property. Exploration and mining services can be obtained from Val-d'Or, a town recognized for its mining expertise. People working on the property can be housed in Barraute, located 3 km north of the property, or in Val-d'Or, which is situated 45 km south.

5.4) CLIMATE

The property climate is humid continental. It is characterized by warm summers, mainly in July, cold winters and abundant precipitation. Daily average temperatures range from +17 °C in July to -17 °C in January. Annual precipitation totals 635 mm of rain and 300 cm of snow. These are normal conditions for northwestern Quebec and do not hamper either exploration or mining work.




 Vendôme Sud Property

FIGURE:3

PREPARED BY: SOLUMINES
DATE: 03/08/2014
MAP: 32C05



ACCESS ROAD MAP
Vendôme Sud Property

6.0) HISTORY

6.1) HISTORICAL RESOURCES AND PRODUCTION

No resource estimate has ever been done for the property, and no production has ever taken place.

6.2) GEOLOGICAL WORK BY THE QUEBEC GOVERNMENT

The first geological work by the Quebec Government in the immediate vicinity of the property was done by W.G. Brown and R.E. Jones. Brown mapped the NE part of Fiedmont Township in 1957 and seven years later, in 1964, Jones mapped the NW part of the same township.

Input EM airborne surveys were flown over the area in 1969 and 1971 and re-interpreted in 1979. Many weak-to-moderate intensity anomalies were located in Range VIII in the east part of the property. Several weak Input EM anomalies were discovered in the central part of the property. We must mention that the Vendôme No. 2 deposit² with 317,000 t at a grade of 0.82% Ni and 0.68% Cu located in the north part of Lot 26, Range IX, did not produce any anomalies. Results of the Input survey are illustrated in Figure 4 on the next page.

In 1984-1985, a gravity survey was conducted over the Malartic and Val-d'Or areas. It also covered the Barraute area. A gravity anomaly was located just north of the property, in Range X. At about the same time, in 1987, Lasalle and Henry completed a regional geochemical till that also covered the Vendôme Sud property. Only one sample slightly anomalous for gold was discovered at the northern edge of the property.

From 2006 to 2012, Lamothe et al, produced three studies concerning the assessment of the potential for volcanogenic massive sulphides (VMS), orogenic gold and porphyry Cu-Au-Mo deposits. High-priority VMS anomalies were located on the Vendôme Sud property. Results for the two other types of orebodies were more mitigated, with very few high probability areas. Figure 5 shows the probabilities for each type of orebody.

Finally, in 2009, a report was released for a MegaTEM survey flown by Fugro and funded by the Geological Survey of Canada (GSC), Virginia Gold Mines and Noranda. Previously discovered Input EM anomalies were confirmed, and once again, the Vendôme No. 2 deposit did not yield an EM response.

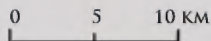
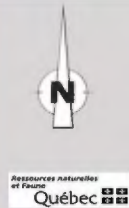
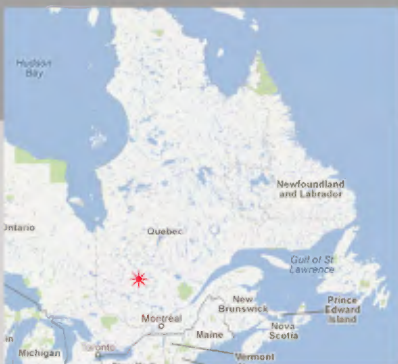
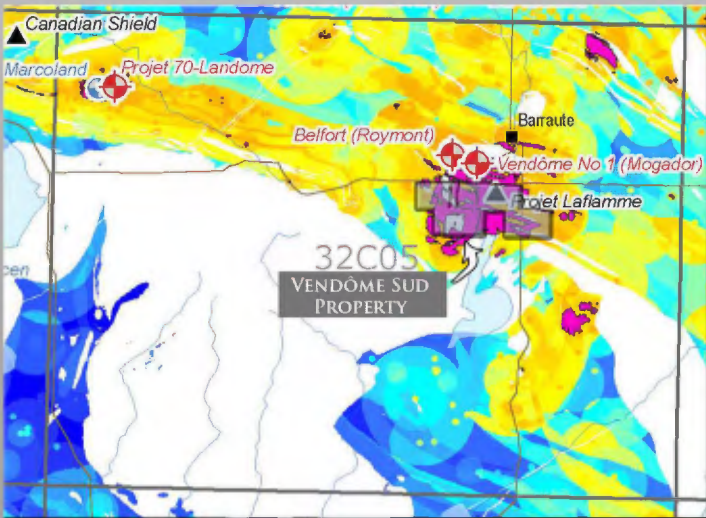
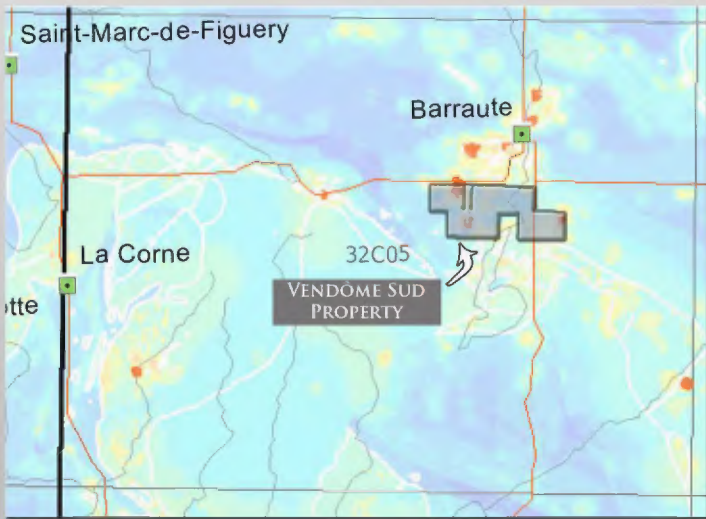
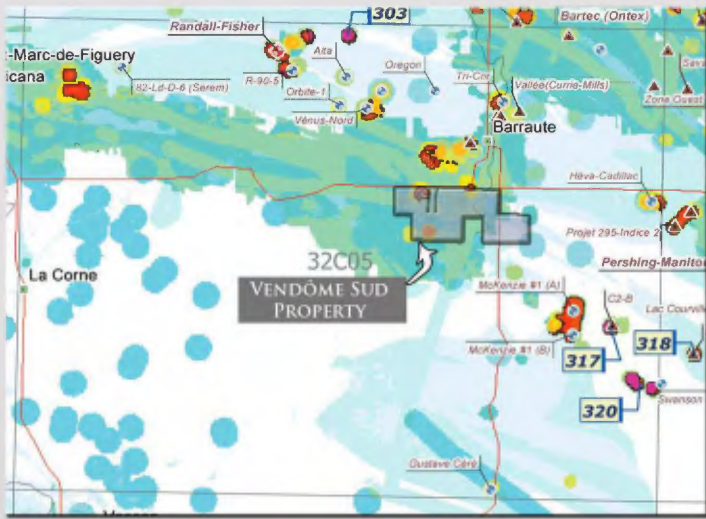
² From the Quebec Ministry of Natural Resources, SIGEOM website. Historical resources, not NI 43-101 compliant.

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Page(s) de dimension(s) hors standard numérisée(s) et positionnée(s) à la suite des présentes pages standard

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Non-standard size page(s) scanned and placed after these standard pages



Vendôme Sud Property

FIGURE:5
 PREPARED BY: SOLUMINES
 DATE: 03/20/2014
 MAP: 32C05



**ASSESSMENT OF THE
 POTENTIAL DEPOSITS**
 Vendôme Sud Property

6.3) BY MINING AND/OR EXPLORATION COMPANIES

Exploration in the area was initiated by the discovery of the following deposits: Vendôme No. 1 (1951), Belfort (1952) and Barvallée³ (1956). The first exploration work was reported by Barmont Mines and Mogador Mines in 1948, with the discovery of two short magnetic anomalies in the central part of the property. Exploration work was carried out almost continuously from 1957 to 2011. The main companies active in the area were Barmont Mines, Canadian Shield Mining, Consolidated Mogador Mines, Serem Ltée, Noranda, Barvallée Mines, Hudson Bay Mining, Shell Canada, Exploration Acabit Phelps Dodge and Pershimco.

At least 145 holes have been drilled for a total of more than 21,000 m. Unfortunately, in the majority of the drill hole logs, the assays were missing. Nevertheless, quite interesting geology, fertile for volcanogenic massive sulphides (VMS) type deposit, was intersected in many holes, with chloritized rhyolite, felsic agglomerate, chert, felsic tuff and sulphides. The best results were obtained by the following companies:

Canadian Shield Mining, 1962: obtained 1.44% Ni over 0.6 m; 0.96% Ni over 0.3 m; and 1.07% Cu over 0.15 m. The exact hole location and number are unknown, but it is mentioned that it was drilled somewhere on Lots 25 to 28, Range IX, on the Vendôme Sud property.

Consolidated Mogador Mines Ltd., 1962: Mentions that Hole 63-1 (log not reported) was drilled on Lot 22, Range IX, on the Vendôme Sud property and returned 0.42% Ni and 0.38% Cu over 2.74 m and 0.77% Ni and 0.65% Cu over 1.67 m.

Canadian Shield Mining 1966: Reported 0.16 oz/t Au and 0.64 oz/t Ag over 0.33 m in a quartz vein from Hole XX-6, drilled on the SW part of the property.

Shell Canada 1979: One of their maps shows a float in Lot 31, Range VIII with 40% Zn, 3% Cu and 22 g/t Ag, and another float with 35% Zn, 11% Pb, and 7 oz/t Ag.

Exploration Acabit 1992: Reported 0.04 oz/t Au over 0.9 m and 0.035 oz/t Au over 1.5 m from Hole F1-92-01 drilled on the SW part of the property.

A complete description of the exploration history is shown in Table 2, and historical drilling is described in detail in Table 3 and illustrated in figure 6.

³ Vendôme No. 1: 800,000T @ 7.27% Zn, 0.37% Cu, 44.34 g/t Ag, 1.88 g/t Au.
Belfort: 227,000T @ 7.0% Zn, 0.21% Cu, 20.92 g/t Ag,
Barvallée: 200,000 T @ 5.99% Zn, 1.13% Cu, 44.23 g/t Ag, 0.54 g/t Au.
All historical resources, not NI 43-101 compliant. From the MRN SIGEOM website.

TABLE 2: SUMMARY OF HISTORICAL WORK

Year	GM #	Company	Exploration	Remarks
1948	08226	Barmont Mines, Mogador Mines	Mag survey on the central part of the Vendôme Sud property.	Two short magnetic anomalies discovered.
1957	14896	Barmont Mines et al	1 surface plan of DDH	No values or geology indicated, only the projection of the hole.
1962	13911	Canadian Shield Mining Corp., Fiedmont Syndicate	Report on the property	Mentions drilling on Lots 25 to 28, Range IX (on the Vendôme Sud property) with best values of 1.44% Ni over 0.6 m, 0.96% Ni over 0.3 m and 1.07% Cu over 0.15 m. Exact hole location and number not indicated.
1963	13710	Consolidated Mogador Mines Ltd.	Technical property evaluation	Mentions Hole 63-1 (not reported) drilled on Lot 22, Range IX, on the Vendôme Sud property, returned 0.42% Ni and 0.38% Cu over 2.74 m and 0.77% Ni and 0.65% Cu over 1.67 m.
1963	13852	Rio Tinto Canadian Exploration Ltd.	Geology, Mag, EM, gravity and geochemistry on a small grid on Lots 44 to 49, Range VIII on the E part of the property	One anomaly discovered on Lots 47 to 49, Range VIII. EM associated with a weak positive gravity anomaly and a weak Cu and Zn geochemical anomaly.
1963	13390	Consolidated Mogador Mines Ltd.	Technical evaluation	One geological sketch of the west part of the property. Very summary.
1964	14788	Consolidated Mogador Mines Ltd.	Technical evaluation report	General interest report, drilling recommended.
1965	16424	Consolidated Mogador, North Fiedmont Syndicate	Geological report	Drilling recommended on the central part of the Vendôme Sud property.
1968	22787	SEREM Ltée	IP test	No anomaly discovered
1968	23144	Noranda Explorations Ltd.	Mag and EM (Vertical Loop) survey over the SW part of the property	Many EM anomalies located, some likely attributable to overburden.
1969	25630	Barvallée Mines Ltd.	Mag and HLEM surveys	On Lots 29-30, Range IX.
1971	26955	Groupe Minier Sullivan	Mag, VLF and VEM surveys	
1972	28367	Noranda Explorations	Mag and EM surveys	On Lots 48 to 51, Range VIII, on the east part of the property.
1972	27763	Groupe Minier Sullivan	Mag and Vertical EM surveys. On the east part of the property	Discovery of 3 VEM anomalies. 2-3 drill holes recommended.
1978	58971	Hudbay Mining	Ground verification of Input anomalies on the east part and to the south of the property	Geology, VLEM, trenching and diamond drilling. All Input anomalies have been screened and were due to barren sulphides and/or graphite.
1976	32438	Mattagami Lake Mines	HLEM survey on the SW part of the property	One very weak anomaly discovered. Drilling not recommended.
1977	58972	Hudson Bay Mining	Airborne Input survey	5 Input anomalies from weak to strong on the southern portion of the east part of the property.
1979	49652	Shell Canada Resources	Compilation map	Map shows: one float in Lot 31, Range VIII with 40% Zn, 3% Cu and 22 oz/t Ag, and another with 35% Zn, 11% Pb and 7 oz/t Ag.
1980	39040	Shell Canada Ltd	Geochemical survey with geophysics follow-up	Several weak to moderate soil copper anomalies discovered on the W part of the Vendôme Sud property.
1981	38747	Falconbridge Copper	Mag survey	Three zones of high magnetic relief discovered.
1983	40531	Frederic Exploration	Geochemical soil survey on	Impossible to locate accurately

			Lots 29, 30 and 31, Range IX.	
1984	41608	Nomade Exploration Ltd.	Evaluation report	Mag, geology, soil geochemistry, till sampling and diamond drilling recommended.
1987	45396	122-508 Canada inc.	Mag survey on the NE part of the Vendôme Sud property.	Several E-W and ENE WSW anomalies defined.
1987	45397	122-508 Canada inc.	Rock sampling Lots 32-33, Rg IX, and Lots 49 to 52, Rg VIII - IX	Au, Ag and base metals + litho geochemistry analyses. One sample slightly anomalous for gold.
1988	47171	Claims Garneau	Technical report and one drill log	Reported the log of one hole #AF-87-01 drilled in 1987 in Lot 26, Range IX, Fiedmont Twp, one gold value of 0.073 oz/t au over 0.91 m. Located just outside the Vendôme Sud property.
1988	48070	Champagne claims, Morin claims	Mag survey, outside the property. Compilation map covering Lots 24 to 31, Rg IX on the Vendôme Sud property	Same compilation map as usual.
1989	49474	Placer Dome	EM and VLF surveys on Lots 18 to 23, Range IX, on the west part of the property	Two EM anomalies discovered. Five drill holes recommended.
1989	49717	Tundra Gold Inc.	Mag and EM (MaxMin) survey in part on the east of the Vendôme Sud property	Several EM anomalies discovered.
1990	49718	Placer Dome, Tundra Gold	General report on the properties	Mag on the east part of the Vendôme Sud property.
1990	49958	Exploration Acabit Inc.	Line cutting, Mag, VLF and 16 drill holes	Holes drilled on Lot 26, Rg IX, outside the property.
1991	51349	Exploration Acabit Inc.	Report on Mag survey and diamond drilling	Drilling reported on GM 51316; see historical drilling.
1993	52216	Exploration Auriginor	Line cutting and VLF survey, on Lots 21 to 26, Rg IX	Many weak VLF anomalies discovered. Mag and geological surveys recommended.
1995	53797	Phelps Dodge	Mag, VLF and UTEM surveys on the east part of the property	Several anomalies discovered. UTEM anomalies not strong enough for drill hole recommendations.
1997	55467	Phelps Dodge	Mag, EM (MAXMin) and IP surveys on the central eastern part of the property	Several anomalous zones discovered.
1997	55909	Phelps Dodge	4 holes drilled just outside the property	Good geological map covering Lots 46 to 51 Rg VIII, with location of old DDH.
2002	60706	Virginia Gold Mines, Noranda Inc.	Fixed Loop transient EM survey.	About 2 lines surveyed on Lot 18, Range IX at the western end of the Vendôme Sud property. No anomalies detected.
2007	62999	Gestion Aline Leclerc Inc.	Compilation and evaluation report	On the east part of the property.
2011	65841	Pershimco Resources	Compilation report	Covered the east part of the Vendôme Sud property.
2011	65864	Pershimco Resources	Pulse-EM, (Deepem) survey	Covered the east part of the property. Pulse Em anomaly discovered just outside the Vendôme Sud claims.
2011	65887	Pershimco Resources	Induced polarization survey	In part on Lots 47 to 49, Range VIII. No anomalies on the property.
2011	66216	Rock Tech Lithium	Helicopter borne Mag and EM (ZTEM) survey.	Covered the west part of the property.

Table 3: Historical Drilling

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1948	00494-C	10	Barmont Mines Ltd	302 516	5 364 417	180	45	14	119,5	?	Andesite or rhyolite? Dacite, diorite dyke. No assays.
1948	00494-C	11	Barmont Mines Ltd	302 582	5 364 291	350	45	7,9	93,9	?	Dacite, andesite, diorite, feldspar porphyry. No assays.
1948	00494-C	12	Barmont Mines Ltd	302727	5364307	50	45	11,3	122	?	Chloritized dacite, one assay for gold, no anomalous results
1948	00494-C	14	Barmont Mines Ltd	302 851	5 364 395	20	45	12,8	135,7	?	Andesite or rhyolite? Rhyolite. No anomalous results.
1948	00494-C	22	Barmont Mines Ltd	302 998	5 365 351	152	45	2,7	76,2	?	Rhyolite, syenite, agglomerate. No anomalous results.
1948	00494-C	23	Barmont Mines Ltd	302 999	5 365 352	332	45	3	61,3	?	Rhyolite and diabase. No assays.
1948	00494-C	24	Barmont Mines Ltd	303 169	5 365 340	180	45	25	108,5	?	Dacite, some pyrite mineralization, andesite and syenite. No anomalous results.
1948	00494-C	25	Barmont Mines Ltd	303 067	5 365 223	290	45	14,3	114,3	?	Dacite, syenite, andesite, diabase. No anomalous results.
1948	00494-C	26	Barmont Mines Ltd	302 926	5 365 280	202	45	13,7	183,2	?	Intercalations of dacite and syenite, rhyolite, agglomerate, no anomalous results.
1948	00494-C	27	Barmont Mines Ltd	302 873	5 365 174	197	45	10,1	214,3	?	Syenite, andesite, dacite locally agglomeratic, felsic agglomerate, locally mineralized. No anomalous results.
1948	00494-C	28	Barmont Mines Ltd	303 346	5 365 221	125	45	11	132	?	Chloritized rhyolite, heavy mineralization, syenite, dacite, no anomalous results.
1948	00494-C	29	Barmont Mines Ltd	303 284	5 365 253	127	50	7,9	120,7	?	Intermediate agglomerate, andesite, syenite. No anomalous results.
1948	00494-C	30	Barmont Mines Ltd	303 420	5 365 289	180	45	9,1	84,1	?	Syenite, chloritized dacite, andesite. No anomalous results.
1948	00494-C	32	Barmont Mines Ltd	303 448	5 365 307	90	45	8,2	76,2	?	Andesitic tuff, andesite, pyrite mineralized rhyolite, dacite, no anomalous results.
1948	00494-C	33	Barmont Mines Ltd	303 469	5 365 454	235	45	12,2	76,2	?	Andesite with aplite dykes. No anomalous results.
1948	00494-C	52	Barmont Mines Ltd	303 535	5 365 536	160	45	17,4	106,7	?	Dacite, rhyolite locally chloritized and mineralized, mafic to intermediate agglomerate. No anomalous results.
1949	00494-C	54	Barmont Mines Ltd	303 828	5 365 467	210	45	10,1	75,3	?	Felsic tuffs, andesite, feldspar porphyry. No assays.
1949	00494-C	55	Barmont Mines Ltd	303 650	5 365 384	46	45	17,1	93	?	Andesite, agglomerate?, some mineralization. No anomalous results.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1949	00494-C	56	Barmont Mines Ltd	303 666	5 365 353	162	45	24,4	80,8	?	Andesite, rhyolite?, syenite, felsic tuff, no anomalous results.
1949	00494-C	57	Barmont Mines Ltd	303 281	5 365 762	220	45	10,1	92,1	?	Andesite, felsic agglomerate, no anomalous results.
1949	00494-C	58	Barmont Mines Ltd	303 269	5 365 629	222	45	8,5	99,4	?	Andesite, locally agglomeratic. No anomalous results.
1949	00494-C	59	Barmont Mines Ltd	303 546	5 365 777	220	44	25	147,6	?	Andesite, agglomerate, feldspar porphyry, rhyolite? Best value of 0.32% / 0.9 m.
1949	00550	M-4	Mogador Mines	303 196	5 365 919	360	45	14,3	93,9	?	Several feldspar porphyries, andesite. No anomalous results.
1960	11063	C-2	Copper Prince Mines Ltd.	307372	5364039	200	70	1,2	61,3	?	Dacite, with many short sections with 5-10% sulphides, chloritized lavas, slightly anomalous for copper (0.07%)
1961	11341-A	FD-1	Canadian Shield Mining Corp	300 917	5 365 942	205	50	36,6	152,4	?	Peridotite, amphibolite, strongly chloritized rhyolite with minor andesitic sections. No assays.
1961	11341-A	FD-10	Canadian Shield Mining Corp	300 899	5 365 220	205	45	27,7	105,5	?	Quartz diorite, amphibolite, chert, tuff, breccia, diorite, dacite. No assays.
1961	11341-A	FD-12	Canadian Shield Mining Corp	300 859	5 365 147	205	45	6,1	97,6	?	Felsic pyroclastics, chloritized, cherty sections, andesite, rhyolite. No assays.
1961	11341-A	FD-15	Canadian Shield Mining Corp	301 276	5 364 754	180	45	18,3	96,6	?	Granodiorite, amphibolite, cherty rhyolite, andesite, agglomerate? No assays.
1961	11341-A	FD-16	Canadian Shield Mining Corp	299 895	5 365 956	205	45	18,9	102,1	?	Cherty rhyolite with andesitic to dacitic sections. Locally chloritized. No assays.
1961	11341-A	FD-17	Canadian Shield Mining Corp	299 935	5 366 032	205	45	12,2	89,9	?	Dacite, amphibolite, cherty rhyolite, minor andesite. No assays.
1961	11341-A	FD-18	Canadian Shield Mining Corp	299 867	5 365 894	205	45	10,7	55,8	?	Rhyodacite, rhyolite locally cherty, quartz diorite. No assays.
1961	11341-A	FD-19	Canadian Shield Mining Corp	299 931	5 365 893	180	45	12,2	114,3	?	Andesite, dacite, chert, rhyolite, quartz diorite. No assays.
1961	11341-A	FD-20	Canadian Shield Mining Corp	299 798	5 365 881	180	45	7	90,5	?	Rhyodacite, quartz diorite, agglomerate? Rhyolite. No assays.
1961	11341-A	FD-21	Canadian Shield Mining Corp	299 633	5 365 781	205	40	1,8	64,3	?	Andesite, mafic tuff, rhyolite. No assays.
1961	11341-A	FD-22	Canadian Shield Mining Corp	300 027	5 365 926	225	45	5,2	31,7	?	Rhyolitic tuff locally cherty, granodiorite, diorite. No assays.
1961	11341-A	FD-23	Canadian Shield Mining Corp	300 007	5 365 813	225	45	4	52,7	?	Diorite, rhyolite, feldspar porphyry, andesite. No assays.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1961	11341-A	FD-24	Canadian Shield Mining Corp	300 764	5 365 333	205	45	32,9	32,9	?	Hole did not hit bedrock, lost in overburden.
1961	11341-A	FD-25	Canadian Shield Mining Corp	300 698	5 365 304	180	50	24,7	76,2	?	Andesite, tuff, tuffaceous rhyolite locally cherty and brecciated, chert, dacitic tuff, abundant chlorite. No assays.
1961	11341-A	FD-26	Canadian Shield Mining Corp	300 744	5 365 429	205	50	19,8	180,5	?	Tuffaceous rhyolite, felsic agglomerate? Brecciated rhyolite, andesite. No assays.
1961	11341-A	FD-8	Canadian Shield Mining Corp	301 291	5 365 218	180	45	18,3	79,3	?	Granodiorite. No assays.
1962	12737	62-10	Canadian Shield Mining, Consolidated Mogador Mines	300 845	5 365 689	225	45	4,6	91,5	?	Rhyolite locally chloritized, diorite, feldspar porphyry. No assays.
1962	12737	62-6	Canadian Shield Mining, Consolidated Mogador Mines	301 260	5 365 504	205	50	18,3	171,3	?	Diorite, granodiorite. No assays.
1963	13835	5	MRN	302 970	5 365 915	0	90	8,5	64,3	?	Diabase- gabbro. Water well, no assays.
1963	13835	6	MRN	300 618	5 366 015	0	90	14,6	99,1	?	Dacite, andesite, fragmental, andesite, rhyolite? Water well, no assays.
1963	13999	NF-1	Canadian Shield Mining Corp.	301 506	5 363 182	244	50	30,8	100,3	?	Hornblende diorite, rhyodacite with cherty sections. Low pyrrhotite from 56.1 to 59.8. No assays reported.
1963	13999	NF-2	Canadian Shield Mining Corp.	301 612	5 363 436	270	50	21,3	96	?	Rhyolite breccia, granitic breccia, hornblende diorite. No assays.
1963	13999	NF-3	Canadian Shield Mining Corp.	301 645	5 363 151	244	50	35,4	100,3	?	Diorite, granite, rhyodacite, andesite. No assays.
1963	13999	NF-4	Canadian Shield Mining Corp.	301 632	5 364 012	180	50	21,3	83,8	?	Cherty rhyolite, hornblende diorite, no assays.
1963	13999	NF-5	Canadian Shield Mining Corp.	301 632	5 364 074	205	50	29	111,9	?	Rhyolite, hornblende diorite, no assays.
1964	14097	64-1	Canadian Shield Mining Corp.	299 239	5 366 021	180	50	13,7	213,4	?	Rhyolite sometimes chloritized, andesite and syenite. No assays.
1964	14097	64-2	Canadian Shield Mining Corp.	298 882	5 365 926	180	50	21,3	135,4	?	Granodiorite, andesite, granite, rhyolite, chloritized, fragmental. No assays.
1964	14097	64-3	Canadian Shield Mining Corp.	299 235	5 365 883	205	50	13,4	158,8	?	Andesite, dacite, rhyolite, granodiorite. No assays.
1964	14097	64-4	Canadian Shield Mining Corp.	299 415	5 365 875	205	45	4,6	162,8	?	Felsic agglomerate over 158 m?, rhyolite. No assays.
1964	14773	64-10	Canadian Shield Mining Corp.	298 923	5 365 552	225	50	9,1	122	?	Dacitic agglomerate, tuff, rhyolite, andesite. No assays.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1964	14773	64-6	Canadian Shield Mining Corp.	299 416	5 365 872	205	50	12,2	234,5	?	Andesite, rhyolite, granodiorite, some fault zones. No assays.
1964	14773	64-7	Canadian Shield Mining Corp.	299 546	5 365 732	205	50	8,5	149,7	?	Rhyolite, felsic agglomerate, granodiorite. No assays.
1964	14773	64-8	Canadian Shield Mining Corp.	299 280	5 365 723	205	50	18,3	295,4	?	Granodiorite, rhyolite, andesite, chert. No assays.
1964	16832	D-11	Canadian Shield Mining, Consolidated Mogador Mines	301 206	5 365 588	225	75	12,2	328,4	?	Granodiorite, diorite, gabbro, rhyolite andesite, chloritic tuff. 307.3-320: medium to fair chalcopryrite and pentlandite. No assays reported.
1964	15347	D-1	Canadian Shield Mining, Consolidated Mogador Mines	300 892	5 365 273	225	50	22	52	?	Diorite, gabbro, feldspar porphyry.
1964	15347	D-2	Canadian Shield Mining, Consolidated Mogador Mines	300 905	5 365 288	270	50	21	69	?	Gabbro, feldspar porphyry.
1965	16832	C-10	Canadian Shield Mining, Consolidated Mogador Mines	299 922	5 365 735	206	50	7,3	115,2	?	Rhyolite, diorite, gabbro, andesite. No assays.
1965	16832	C-12	Canadian Shield Mining, Consolidated Mogador Mines	299 908	5 365 695	206	50	21,3	172,3	?	Gabbro, andesite, rhyolite and diorite. No assays.
1965	16832	C-14	Canadian Shield Mining, Consolidated Mogador Mines	299 833	5 365 565	206	50	24,4	108,5	?	Gabbro, andesite, rhyolite, diorite. No assays.
1965	16832	C-3	Canadian Shield Mining, Consolidated Mogador Mines	299 948	5 365 771	206	50	6,1	124,4	?	Cherty rhyolite, gabbro, quartz diorite, andesite. No assays.
1965	16832	C-5	Canadian Shield Mining, Consolidated Mogador Mines	299 945	5 365 771	206	70	3,7	168,6	?	Rhyolite, quartz diorite, low to heavy pyrrhotite, chalcopryrite and pentlandite over 1.6 m. No assays reported.
1965	16832	C-7	Canadian Shield Mining, Consolidated Mogador Mines	299 944	5 365 771	0	90	4,6	195,1	?	Rhyolite, andesite, gabbro, quartz diorite. No assays.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1965	16832	D-26	Canadian Shield Mining, Consolidated Mogador Mines	301 258	5 365 630	225	85	6,1	508	?	Granodiorite, diorite, gabbro, rhyolite, chloritic tuff, chert. No assays.
1965	16832	D-28	Canadian Shield Mining, Consolidated Mogador Mines	300 766	5 365 016	225	50	12,8	248,5	?	Rhyolite, gabbro, andesite, shear zone, chert. No assays.
1965	16832	D-29	Canadian Shield Mining, Consolidated Mogador Mines	300 534	5 365 219	225	50	10,7	241,5	?	Rhyolite, diorite, gabbro, cherty rhyolite sometimes fragmental. No assays.
1965	16832	D-30	Canadian Shield Mining, Consolidated Mogador Mines	300 406	5 364 959	225	50	19,8	168,3	?	Andesite, rhyolite, diorite, granodiorite, chert. 3% chalcopryrite over 0.51 m. No assays reported.
1965	16832	E-6	Canadian Shield Mining, Consolidated Mogador Mines	300 457	5 364 622	225	50	22,9	133,5	?	Andesite, rhyolite, sometimes fragmental and chloritized. No assays.
1965	16832	E-8	Canadian Shield Mining, Consolidated Mogador Mines	300 602	5 364 442	155	50	33,5	139,6	?	Diorite, rhyolite sometimes cherty, sometimes fragmental. No assays.
1965	17141	E-14	Canadian Shield Mining, Consolidated Mogador Mines	301 577	5 364 318	180	50	19,8	175,9	?	Rhyolite, rhyodacite, granodiorite, andesite. No assays.
1965	17141	E-16	Canadian Shield Mining, Consolidated Mogador Mines	301 511	5 364 169	26	50	22,9	90,9	?	Chert, rhyolite, andesite, agglomerate? No assays.
1965	17141	E-19	Canadian Shield Mining, Consolidated Mogador Mines	301 830	5 364 153	206	50	15,9	104,6	?	Rhyolite, chert, granodiorite. No assays.
1965	17141	E-21	Canadian Shield Mining, Consolidated Mogador Mines	301 189	5 363 067	225	50	31,1	163,1	?	Granodiorite, dacite, amphibolite. No assays.
1965	17141	E-22	Canadian Shield Mining, Consolidated Mogador Mines	301 794	5 363 104	180	50	36,6	195,7	?	Granodiorite, dacite. No assays.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1965	17141	E-27	Canadian Shield Mining, Consolidated Mogador Mines	301 779	5 364 075	206	50	16,8	181,4	?	Rhyolite, andesite, amphibolite. No assays.
1965	17334	E-1	Canadian Shield Mining	299 815	5 364 642	206	50	12,2	238,4	?	Granodiorite, andesite, rhyolite, dacite, breccia. No assays.
1965	17334	E-2	Canadian Shield Mining	299 876	5 365 047	206	50	10,4	161	?	Andesite, cherty rhyolite, dacite. No assays.
1965	17334	E-3	Canadian Shield Mining	300 231	5 365 032	206	50	9,1	167,7	?	Rhyolite, andesite. No assays.
1965	17334	E-4	Canadian Shield Mining	300 222	5 364 844	206	50	15,2	141,2	?	Andesite and rhyolite. No assays.
1965	17586	E-23	Canadian Shield Mining, Consolidated Mogador Mines	302 339	5 362 975	180	50	13,4	143,9	?	Dacite, rhyodacite, felsic agglomerate, breccia. No assays.
1965	17586	E-25	Canadian Shield Mining, Consolidated Mogador Mines	302 400	5 362 940	180	50	12,2	140,2	?	Andesite, dacite, intermediate agglomerate. No assays.
1965	17600	E-26	Canadian Shield Mining, Consolidated Mogador Mines	301 954	5 364 019	180	50	18,3	138,1	?	Cherty rhyolite sometimes chloritized, minor andesite, granodiorite. No assays.
1965	17600	E-28	Canadian Shield Mining, Consolidated Mogador Mines	302 204	5 363 572	270	50	16,8	217,7	?	Rhyolite, granodiorite. No assays.
1965	17600	E-29	Canadian Shield Mining, Consolidated Mogador Mines	301 940	5 363 577	257	55	26,8	106,4	?	Granodiorite. No assays.
1965	17600	E-30	Canadian Shield Mining, Consolidated Mogador Mines	301 939	5 363 576	77	55	26,8	184,8	?	Granodiorite. No assays.
1966	17377	E-5	Consolidated Mogador Mines, Fiedmont Syndicate	300 404	5 364 774	219	45	22,9	127,4	?	Rhyolite, andesite, granodiorite. Fragmental rhyolite with specks of galena, chalcopryrite and sphalerite over 3 m.
1966	17586	XX-1	Canadian Shield Mining, Consolidated Mogador Mines	302 150	5 362 728	335	45	10,7	123,8	?	Gabbro, andesite. No assays.
1966	18968	XX-10	Canadian Shield Mining	300 305	5 363 324	45	55	26,2	83,8	?	Andesite. No assays

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1966	18968	XX-11	Canadian Shield Mining	300 387	5 363 535	225	50	12,2	160,1	?	Felsic tuff, andesite, syenite, gabbro and rhyolite. No assays.
1966	18968	XX-12	Canadian Shield Mining	300 551	5 363 002	225	50	19,8	198,8	?	Andesite sometimes fragmental, fault zone, and syenite. No assays.
1966	18968	XX-6	Canadian Shield Mining	300 492	5 363 111	225	50	18,3	185,7	?	Andesite, 6.7 m of fault zones, granodiorite, rhyolite. 0.16 oz/t Au and 0.64 oz/t Ag over 0.33 m in quartz veins.
1966	18968	XX-7	Canadian Shield Mining	300 429	5 363 218	225	50	27,4	156,4	?	Andesite, fault zone over 9.75 m, rhyolite and rhyolitic tuff. No assays.
1966	18968	XX-8	Canadian Shield Mining	300 476	5 363 260	225	50	27,4	97,9	?	Andesite with granodiorite dykes. No assays.
1966	18968	XX-9	Canadian Shield Mining	300 377	5 363 430	225	50	29,6	169,2	?	Chert over 0.48 m and andesite.
1966	19473	XX-16	Canadian Shield Mining Corp.	302696	5362853	335	45	7,6	204,3	?	Andesite fragmental, some rhyolitic sections, syenite dykes. No assays.
1966	20149	66-4	Canadian Shield Mining Corp.	302888	5362864	180	45	4,3	184,8	?	Fragmental andesite and intermediate intrusive. Some chalcopyrite and molybdenite over short sections. No assays reported.
1967	20149	XX-18	Canadian Shield Mining Corp.	302891	5363088	180	50	26,5	106,4	?	Andesite-dacite, felsic tuff, chert, rhyolite. No assays.
1968	23122	68-A-1	Consolidated Mogador/Serem Ltée	301 273	5 365 669	225	70	13,7	501	?	Granite, syenite, rhyolite and rhyolite, rhyolitic breccia, gabbro. Felsic agglomerate. Up to 0.3% Cu and 0.57% Ni.
1968	23122	68-E-1	Consolidated Mogador/Serem Ltée	300 525	5 365 595	240	45	7,9	183,2	?	diorite, only 2 samples analyzed, no anomalous results.
1968	22657	68-1	Canadian Shield Mining Corp.	303127	5362726	360	50	19,8	217,1	?	Granite, amphibolite, syenite, quartz diorite. No assays.
1968	22657	68-2	Canadian Shield Mining Corp.	303142	5362952	360	50	18,3	133,5	?	Granite and andesite. No assays.
1968	22657	68-3	Canadian Shield Mining Corp.	302901	5362972	360	50	10,7	96,3	?	Andesite, locally silicified and fragmental. No assays.
1968	22657	68-4	Canadian Shield Mining Corp.	302920	5363061	270	60	27,4	78,4	?	Andesite, locally silicified and fragmental, agglomeratic with some chert and felsic tuff. No assays.
1969	25886	S-50	Barvallée Mines Ltd.	361 681	5 365 034	180	45	9,15	122	?	Andesite/Dacite, diorite. No assays.
1969	25886	S-51	Barvallée Mines Ltd.	301 702	5 365 621	180	45	11,9	122	?	Andesite, FP dykes, dacite, no anomalous results for Cu, Ni. Conductor explained by electrolytic solutions in fracture zones
1969	25153	68-A-3	Consolidated Mogador Mines Ltd., Serem Ltée.	301 316	5 365 595	225	80	18,3	619,2	yes	Diorite, granite, gabbro, brecciated and rhyolitic tuffs, rhyolite. No assays.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1971	26952	LF-1	Long Lac Mineral Explorations Ltd.	306536	5363292	180	45	3,7	82,3	?	Diorite, rhyolite, dacite, quartz porphyry dyke. No assays.
1972	27968	11-440-08	Long Lac, Soquem	Range VIII	Lot 47	180	50	4,3	122	?	Intermediate tuff, locally felsic and locally mafic. Up to 10% disseminated pyrite over 8.1 m best result of 1,100 ppm Zn over 1.5 m.
1974	31056	73-1	Canadian Shield Mining Corp.	302 287	5 362 937	360	50	16	74	?	Andesite.
1974	31056	74-1	Canadian Shield Mining Corp.	302 550	5 362 997	180	50	11	73	?	Andesite, dacite.
1974	31056	74-2	Canadian Shield Mining Corp.	302 612	5 363 057	135	45	2	52	?	Diorite, andesite.
1980	36675	80-1	Claims Paquette	302 537	5 363 215	0	32	0	32,3	?	Syenite, rhyolite. No assays.
1986	43483	86-1	Claims Paquette	302 568	5 364 044	180	50	0	184,8	yes	Dacite, andesite, granite, gabbro, rhyolitic tuff with chert fragments. No assays.
1990	51316	FI-90-01	Exploration Acabit	300 506	5 363 124	225	50	15,9	93,3	yes	Andesite, quartz feldspar porphyry, no anomalous results.
1990	51316	FI-90-02	Exploration Acabit	300 485	5 363 126	225	50	24,4	123,2	?	Andesite, quartz feldspar porphyry, dacite, no anomalous results.
1990	51316	FI-90-03	Exploration Acabit	300 516	5 363 113	225	50	16,5	135,4	?	Andesite, quartz feldspar porphyry, dacite, rhyolite, no anomalous results.
1990	51316	FI-90-04	Exploration Acabit	300 506	5 363 103	225	50	17,7	123,8	?	Andesite, quartz feldspar porphyry, dacite, no anomalous results.
1990	51316	FI-90-05	Exploration Acabit	300 515	5 363 091	225	50	18	126,8	?	Andesite, quartz feldspar porphyry, dacite, rhyolite, no anomalous results.
1990	51316	FI-90-06	Exploration Acabit	300 526	5 363 080	225	50	19,5	115,2	?	Andesite, rhyolite, no anomalous results.
1990	51316	FI-90-07	Exploration Acabit	300 526	5 363 102	225	50	18,9	132,9	?	Andesite, quartz feldspar porphyry, dacite, rhyolite, no anomalous results.
1990	51316	FI-90-08	Exploration Acabit	300 538	5 363 091	225	50	20,1	139	?	Andesite, quartz feldspar porphyry, dacite, rhyolite, no anomalous results.
1990	51316	FI-90-09	Exploration Acabit	300 495	5 363 136	225	50	17,1	147,3	?	Andesite, quartz feldspar porphyry, no anomalous results.
1990	51316	FI-90-10	Exploration Acabit	300 476	5 363 136	225	50	22,6	145,1	?	Andesite, quartz feldspar porphyry, dacite, lapillis tuff, no anomalous results.
1990	51316	FI-90-11	Exploration Acabit	300 506	5 363 147	225	50	18,3	169,5	?	Felsic tuff with lapillis, andesite, quartz feldspar porphyry, dacite, no anomalous results.
1990	51316	FI-90-12	Exploration Acabit	300 487	5 363 146	225	50	26,8	197	?	Andesite, rhyolite, dacite, quartz-feldspar porphyry, intermediate tuff. No anomalous results.

Year	GM	DDH #	Company	UTME	UTMN	Az at collar	Dip at collar	Overburden (m)	Length (m)	Casing left	Remarks
1991	50759	91-1	Claims Paquette	303084	5363838	182	50	16,8	142,1	?	Andesite, no anomalous results.
1991	50935	91-4	Claims Geoffroy	302 497	5 363 058	194	55	105,5	105,5	?	Hole lost in overburden.
1991	50935	91-5	Claims Geoffroy	302 474	5 363 047	14	55	47	62,8	?	Basalte and felsic dyke. No anomalous results.
1991	51349	FI-91-01	Exploration Acabit	300 493	5 362 972	360	65	15,2	475,6	?	Andesite with disseminated pyrite. No anomalous results.
1991	51349	FI-91-02	Exploration Acabit	300 493	5 362 973	360	50	16,8	273,2	?	Andesite, some disseminated pyrite, dacite, no anomalous results.
1992	51723	92-01	Claims Paquette	302919	5363963	180	50	14,9	151,5	no	Basalt. No anomalous results.
1992	52682	FI-92-01	Exploration Acabit	301 554	5 363 123	360	60	33,8	372,3	?	Andesite, intermediate to felsic tuff, best value of 0.04 oz/t Au over 0.9 m, and 0.035 oz/t Au over 1.5 m.
1992	52682	FI-92-02	Exploration Acabit	301 237	5 362 952	360	50	83,5	83,5	?	Hole lost in overburden.
1995	54128	LF-238-01	Phelps Dodge	304 042	5 365 821	200	50	31	475,7	yes	Granodiorite, diorite, andesite, dacitic tuffs and flows, some sulphides (pyrite), best results of 1,814 ppm Cu over 1.1 m and 4,397 ppm Zn over 0.8 m.
1996	54128	LF-238-2	Phelps Dodge	305244	5365369	180	47	33	564	yes	Andesite, dacite, basalt, mafic intrusive, minor tuff, rhyodacite, dacitic crystal tuff, chert? No anomalous results.
1996	54128	LF-238-3	Phelps Dodge	304729	5365462	179	48	21	477	yes	Andesitic tuff, andesite, basalt, dacitic tuff, andesite with hyaloclastic material? No anomalous results.
?	00494-C	6	Barmont Mines Ltd	303 471	5 365 379	?	?	?	?	?	Unlogged drill hole
?	00494-C	8	Barmont Mines Ltd	303 555	5 365 488	?	?	?	?	?	Not described drill hole
?	00494-C	9	Barmont Mines Ltd	303 547	5 365 350	?	?	?	?	?	Unlogged drill hole
?	00494-C	31	Barmont Mines Ltd	303 431	5 365 170	?	?	?	?	?	Unlogged drill hole
?	00494-C	51	Barmont Mines Ltd	303 775	5 365 520	?	?	?	?	?	Unlogged drill hole
?	00494-C	96	Barmont Mines Ltd	303 316	5 365 242	?	?	?	?	?	Unlogged drill hole
Total: 145 holes									21 028,3 m		
Holes description and coordinates from the Quebec Ministry of Natural Resources SIGEOM website: http://sigeom.mrn.gouv.qc.ca											

NUMÉRIQUE

Page(s) de dimension(s) hors standard numérisée(s) et positionnée(s) à la suite des présentes pages standard

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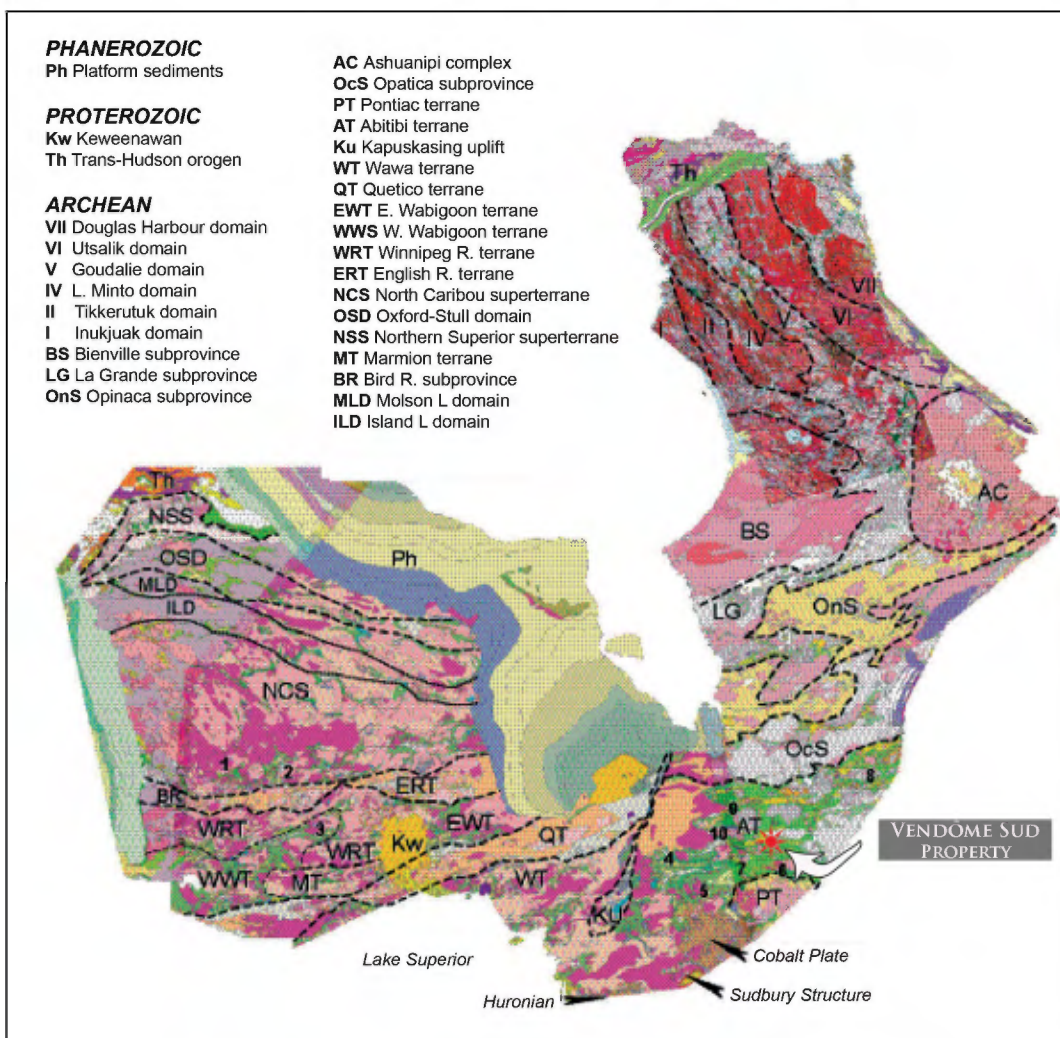
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7.0) GEOLOGICAL SETTING AND MINERALIZATION

7.1) GENERAL GEOLOGICAL SETTING

The Vendôme Sud property is located in the south-eastern 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: Abitibi, Opatica, Opinaca, La Grande, Bienville, Ashuanipi, Lac Minto, Douglas Harbour, Goudalie, Quallurniartuuq, Tikkerutuk and Utsalik. The Vendôme Sud property is located in the Abitibi sub-province. Figure 7, "General Geology", shows the position of the property within the Superior Province.

FIGURE 7: GENERAL GEOLOGY (FROM PERCIVAL)



7.2) REGIONAL GEOLOGY

Regionally, the property is located in the Abitibi greenstone belt, and contains parts of the following geological formations, from north to south:

- Landrienne Formation: made up of mafic volcanic rocks, basalts, andesite and volcanoclastic rocks.
- Aurora Group (felsic member): made up of felsic volcanic rocks and synvolcanic felsic porphyry intrusives.
- Aurora Group (mafic member): made up of mafic to intermediate rocks, basalt, andesite and volcanoclastic rocks.

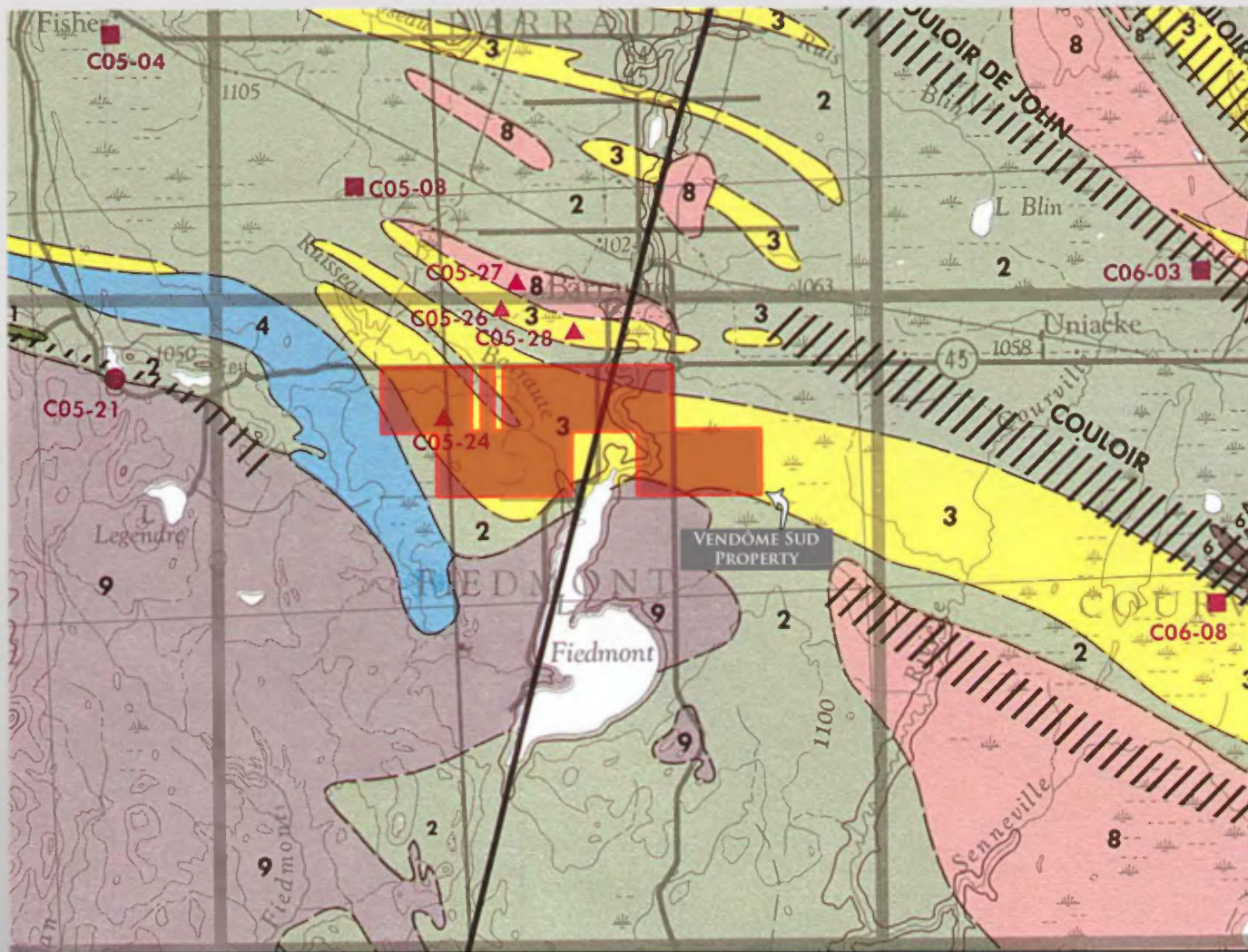
Farther west, the Fiedmont Formation transects the felsic member of the Aurora Group. It is made up of sedimentary rocks, including wacke, mudrock, conglomerate, iron formation, and quartz arenite. The Lacorne Batholith, formed by granite and monzogranite, occupies a large area west and south of the Vendôme Sud property. The Pascalis-Tiblemont Batholith, made up of tonalite, granodiorite and granite, covers a large area east of the property.

The zinc sulphide deposits in the immediate area, namely Barvallée, Vendôme No. 1 and Belfort, are located in the Landrienne Formation. Vendôme No. 2, a Ni-Cu deposit, is located in the felsic member of the Aurora Group. Gold intersected by drill holes on the property is also situated in this same formation or close to its contact with the host rocks. Figure 8 shows the regional geology.

7.3) PROPERTY GEOLOGY

At the property level, the picture becomes more complex. First, the formations strike from NW in the west part of the property to ESE in the eastern part, and dip is variable but generally sub-vertical. The felsic member of the Aurora Group dominates, with many intersections of rhyolite, rhyodacite, dacite, felsic tuffs, felsic agglomerates and chert with minor andesite. Small intermediate to felsic intrusives are disseminated over the property under the form of sills and plugs. The most important is a tonalite plug, located in the south part of the property. These intrusives are probably related to the Lacorne Batholith, which occurs to the south and west of the property.

In many hole descriptions, the felsic rocks are sometimes described as chloritized, which shows that intense hydrothermal alteration has occurred. One of the most interesting geological features on the



LITHOLOGIES

14 Roches du Grenville

ROCHES PROTÉROZOÏQUES

ROCHES SÉDIMENTAIRES

13 Groupe de Cobalt

ROCHES ARCHÉENNES

ROCHES INTRUSIVES

SUITE INTRUSIVE TARDITECTONIQUE À POST-TECTONIQUE

12 Syénite

SUITE INTRUSIVE SYNTECTONIQUE À POST-TECTONIQUE

11 Monzonite - monzonite quartzique à pyroxène

10 Granodiorite - monzogranite à biotite et/ou muscovite

9 Monzodiorite - monzodiorite quartzique à hornblende et biotite

8 Tonalite - leucotonalite - granodiorite

SUITE INTRUSIVE PRÉTECTONIQUE

7 Massif de gneiss tonalitique

6 Dorite - gabbro - périclote

ROCHES SÉDIMENTAIRES

5 Sédiments du type Pontiac

4 Sédiments du type Timiskaming

ROCHES VOLCANIQUES

3 Felsiques

2 Mafiques

1 Ultramafiques

Contact géologique

Faïlle

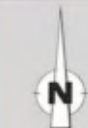
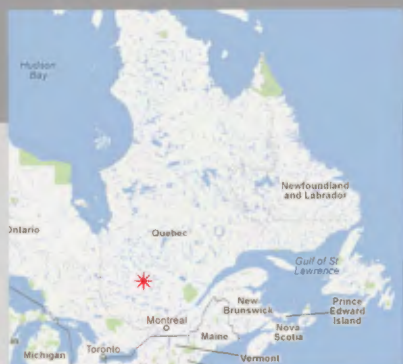
Couloir de déformation - zone tectonique

GÎTES MÉTALLIFÈRES

▲ Métaux de base (Cu,Zn et Cu,Ni)

■ Or

● Métaux de haute technologie (Li,Be,Mo,Bi)



0 2000 M



Vendôme Sud Property

FIGURE:8

PREPARED BY: SOLUMINES

DATE: 03/20/2014

MAP: 32C05

Resources naturelles
et Forêts
Québec

Source: DV 90-11



REGIONAL GEOLOGY
Vendôme Sud Property

property is located on Lots 26 to 28, Range IX. However, Lots 26 and 28 are parcels of land within the property that are not owned by Genius Properties. Lot 26 contains the Vendôme No. 2 deposit, discovered in 1960, which contains historical, uncategorized resources estimated at 317,500 tonnes containing 0.82% Ni and 0.68% Cu. In 1964, Jones described the Vendôme No. 2 deposit as follows:

“Twelve of the 19 holes drilled in Lots 25 to 28, Range IX, tested a granodiorite and quartz diorite plug and its contact zone. This intrusive mass, which is about 6,500 feet long and up to 3,000 feet wide, has a central core of albite granite which grades into granodiorite, quartz diorite, quartz gabbro, amphibolite and peridotite. Peridotite, which is an ultrabasic phase of the intrusive, lies on the northwest nose of the mass. If the mass plunges to the southeast, the peridotite phase represents the bottom of the intrusive body. Disseminated pyrite, pyrrhotite, chalcopyrite and a nickel sulphide (probably pentlandite) are found locally within the amphibolitic phase of the intrusive. The amphibolite forms an aureole along the west edge of the mass. The contact rocks are rhyolitic lavas, cherty tuffs and minor andesite.

Low nickel and copper assays are obtained throughout the amphibolite. Most nickel assays are between 0.1 and 0.4 percent. Locally within the amphibolite, where the pyrite or pyrrhotite content increases to 5 or 10%, nickel and copper also increases. The best nickel assays returned 1.44% across 2 feet and 0.96% across 1 foot. The best copper assays returned 1.07% across 0.5 foot and 0.75% across 2 feet. No sulphide minerals were seen in the peridotite core from the hole at the north end of Lot 26, Range IX. Assaying of selected samples of this core gave an average of 0.22% nickel.”

This zone probably extends onto the Vendôme Sud property. Gold values were intersected on the property, mainly in the south central part, in association with quartz veins. The property geology is illustrated in Figure 9.

7.4) MINERALIZATION

There are no mineralized zones with estimated tonnage on the property. Anomalous values of gold and base metals were intersected by historical drill holes on the property, but for now, there is no delimited consistent mineralized zone. The property surrounds the Vendôme No. 2 deposit, which lies on Lot 26, Range IX, between Lots 25 and 27 held by Genius, and certainly extends on the property itself, although this hypothesis has not yet been tested. The Vendôme No. 2 deposit is described under Item 7.3, “Property Geology”.

NUMÉRIQUE

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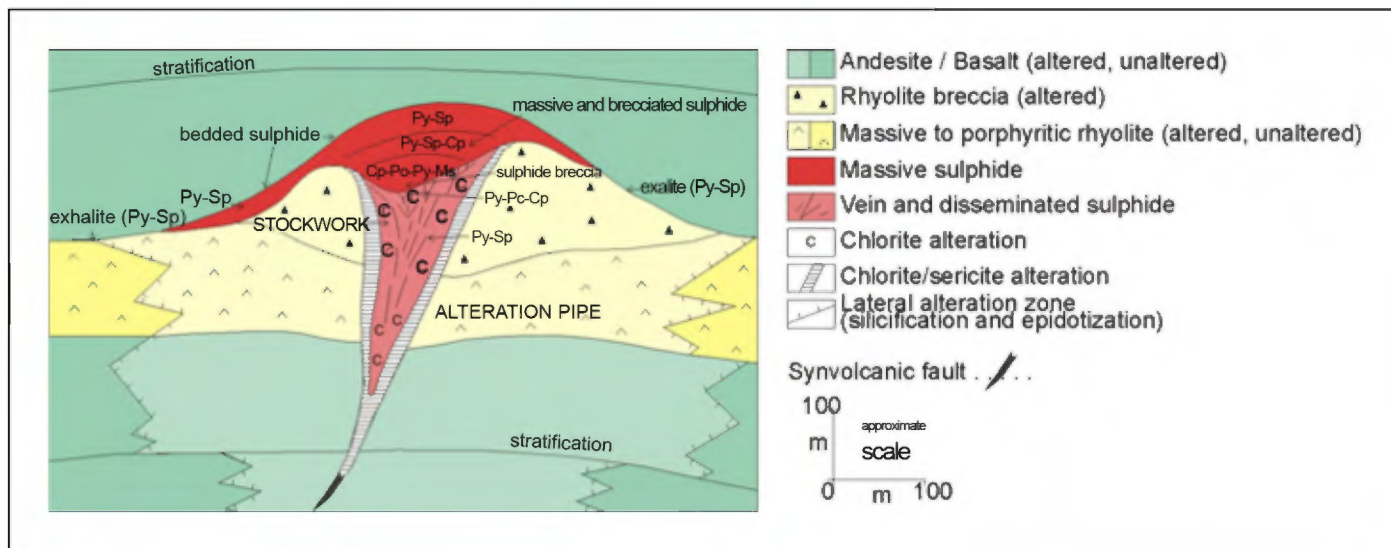
8.0) DEPOSIT TYPES

The ore deposits in the vicinity of the property, the geology observed and the results obtained to date indicate that four types of deposits may occur on the property. They are as follows:

1) *Volcanogenic massive sulphide deposits*

This is the same deposit type as found in the Noranda and Matagami area. This type of deposit is usually associated with felsic rocks and consists of massive sulphides, with variable amounts of pyrite, pyrrhotite, sphalerite and chalcopyrite. Magnetite can also be present. An alteration pipe made up of a sulphide stringer zone and chloritized rocks is located under the massive sulphides, which are capped by an exhalite horizon made up of chert and sulphides. An increasing level of sericitization and chloritization of the felsic rocks, attesting to hydrothermal activity, can be used as a guide to locate the alteration pipe and the massive sulphides. Deposit of this type are represented by the Horne Mine in the Rouyn-Noranda area, the Mattagami Lake Mine in Matagami area, and the small orebodies in the vicinity of the property, Barvallée, Belfort and Vendôme No. 1. Figure 10 shows an idealized section through a volcanogenic massive sulphide deposit.

FIGURE 10: IDEALIZED SECTION THROUGH A MASSIVE SULPHIDE DEPOSIT



2) *Gold-enriched volcanogenic massive sulphide deposits*

This deposit type is a close relative of the volcanogenic massive sulphide deposits; depending on the price of gold and base metals they can be classified as gold or massive sulphide deposits. Their

mode of formation is almost the same. The differences between the two types are summarized by Dubé, B. et al⁴ as follows:

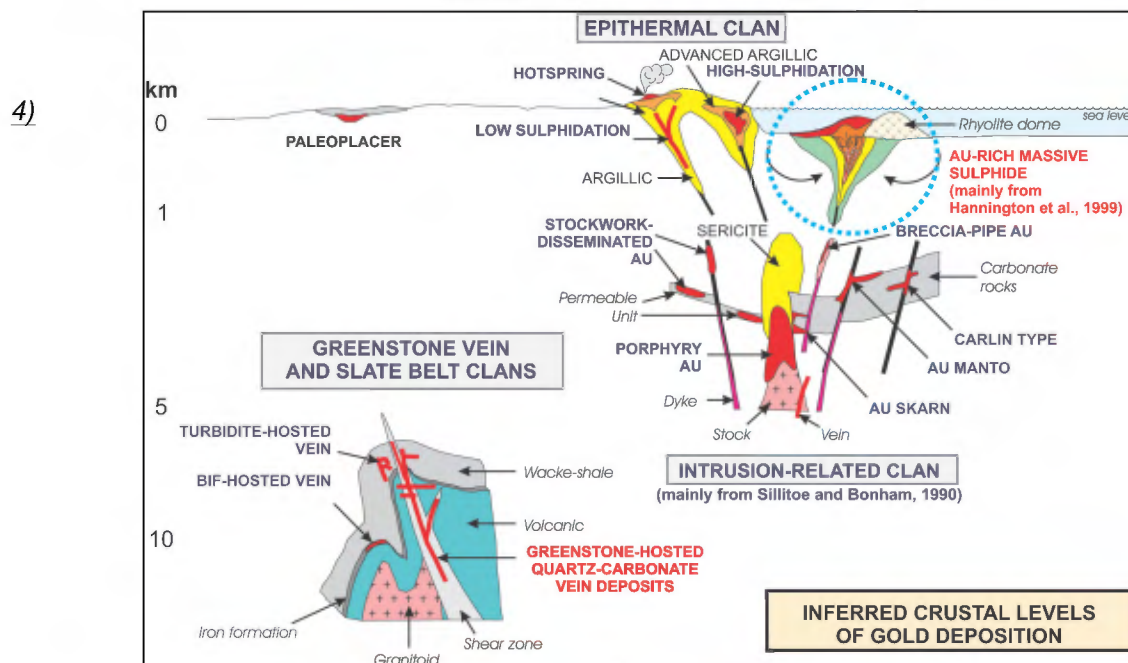
“There are two genetic models for Au-rich VMS: 1) conventional syngenetic volcanic-hosted Au-poor VMS mineralization overprinted during regional deformation by Au mineralization; and 2) syngenetic VMS deposits characterized by an anomalous fluid chemistry (with magmatic input) and/or deposition within a shallow-water to subaerial volcanic setting equivalent to epithermal conditions, in which boiling may have had a major impact on the fluid chemistry. The deformation and metamorphism that commonly overprint the mineralization in ancient terranes have obscured the original relationship and led to considerable debate about the syntectonic versus synvolcanic origin of Au-rich VMS.” Examples of this type of orebodies are the Horne Mine and the La Ronde Mine.

3) Greenstone-hosted quartz-carbonate vein deposits

This is one the main types of gold deposit in the Abitibi. A short, simplified description by Dubé and Gosselin is as follows:

“Quartz and carbonate veins with valuable amounts of gold and silver, in faults and shear zones located within deformed terrains of ancient to recent orogenic greenstone belts.” Examples of this type of deposit are the Sigma-Lamaque deposits in the Val-d’Or area. Figure 11, shows the depth of formation of these deposits.

FIGURE 11: DEPTH OF FORMATION



⁴ Dubé, B. et al., 2007: Gold-rich volcanogenic massive sulphide deposits, in Goodfellow, W.D., ed., Mineral Deposits of Canada: A Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods: Geological Association of Canada, Mineral Deposits Division, Special Publication No 5, p 75-94.

Vendôme No. 2 deposit

Even if not located on the property, this deposit is just at the limit of its boundaries. This deposit is unique in the area as it contains nickel and copper and is related to an intrusion. It was formed by magmatic segregation of the sulphides due to the gravity, at the base of a concordant and differentiated intrusive complex. No specific alteration has been recognized to date. Geologically, this is the only location where this kind of orebody can be found on or in the immediate vicinity of the property, because of its relation to this specific intrusive.

9.0) EXPLORATION

From January 10 to 14, 2014, Prospectair conducted a high resolution heliborne magnetic and time-domain electromagnetic (TDEM) survey on the Vendôme Sud property. A total of 176 line-km were flown.

The following text describing the airborne survey has been adapted from the report by Dubé.⁵

“The property was flown with traverse lines at 100 m spacings and oriented north. The control lines were oriented at 90° and spaced every 1,000 m. The nominal survey height was 88 m with the mag sensor and receiver coil at 63 m, and the transmitter loop was 39 m above the ground. The average survey flying speed was 33.1 m/s. Note that manmade infrastructure, such as houses, roads and powerlines, is found within the property and affects data quality and/or generate cultural anomalies locally.

The magnetic survey was done using a Geometrics G-822A instrument, and a GEM GSM-19 recording base station. The electromagnetic survey was conducted using ProspecTEM I instrumentation. An Omnistar DGPS was used to provide real-time guidance for the pilot and to position data at an absolute accuracy of better than 5 m.

Magnetic survey results:

The residual magnetic intensity varies from -74 to 378 nT. Several magnetic lineaments are found on the property. These lineaments are caused by magnetite/pyrrhotite bearing structures, such as dykes, volcanic mafic horizons, mafic/ultramafic intrusive rocks and mineralized structures. In many areas, it is possible to detect structural features offsetting observed magnetic lineaments and causing

⁵ Dubé, J., 2014: Technical Report, Heliborne Magnetic and TDEM Survey. Dalquier and Vendôme Sud Projects. For Genius Properties Ltd., by Prospectair Geosurveys. Genius internal document.

abrupt interruption or changes of the magnetic response. These features are typically caused by faults, fractures and shear zones. If they are thought to be favourable structures in the exploration context of the Vendôme Sud project, they should be paid particular attention and should be the object of a comprehensive structural interpretation.

Time-domain electromagnetic data:

Some 128 EM anomalies have been identified on the Vendôme Sud property. In total, 85 anomalies are reported as marginal, four as weak, 24 as intermediate, 11 as strong and four as very strong. Since cultural interference is confirmed in the surveyed area, many of these anomalies are likely caused by manmade infrastructure; caution is recommended when investigating EM anomalies in built-up areas.

Residual total magnetic intensity with TDEM anomalies can be consulted in Schedule 1 of this report.

10.0) DRILLING

10.1) BY GENIUS

Genius Properties Ltd. has not done any drilling since acquiring the property.

10.2) HISTORICAL DRILLING

Historical drilling has been described extensively in Table 3.

11.0) SAMPLE PREPARATION, ANALYSES AND SECURITY

Genius Properties Ltd. has not done any sampling on the property.

12.0) DATA VERIFICATION

It is impossible to verify the historical data. Only the reports can be consulted, and they are usually incomplete by today's standards. 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.

For recent exploration by Genius, the integrity of the data has been verified and certified by Joël Dubé, Eng.

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

NI 43-101-compliant mineral resource estimates have never been calculated for the property.

ITEMS 15 TO 22

Items 15 to 22 are as follows:

15.0) Mineral Reserve Estimates;

16.0) Mining Methods;

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 Vendôme Sud property.

23.0) ADJACENT PROPERTIES

Claims located north of the property and containing the Barvallée, Vendôme No. 1 and Belfort deposits are owned by Mines Abcourt Inc., and no exploration has been reported recently. Claims protecting Lots 26 and 28 in Range IX, surrounded by the Vendôme Sud property and hosting the Vendôme No. 2 deposit, are held by 798-7200 Canada Inc. These claims were staked in November 2012, and no work has been reported since that time. The situation is the same for the claims surrounding 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 property is situated in a mining-friendly area, and no particular problems are anticipated.

25.0) INTERPRETATION AND CONCLUSIONS

The Vendôme Sud property is located in the Abitibi and more precisely in the Val-d'Or – Barraute area, a region recognized for its gold and base metal deposits. The property is underlain by the Landrienne Formation, made up of mafic to intermediate volcanics, and the Aurora Group, made up of volcanic rocks and containing a mafic and a felsic member, with the felsic member covering most of the property.

Regionally, the property is located between two major intrusives: the Lacorne Batholith, made up of granite and monzogranite, occupies a large area west and south of the property, and the Pascalis-Tiblement Batholith, made up of tonalite and granodiorite, covers a large area east of the property. Small intrusives located on the property are probably related to the Lacorne Batholith.

The geology observed on the property shows that the area is favourable for volcanogenic massive sulphide (VMS) deposits and gold deposits. Rocks usually observed in the vicinity of a VMS deposit occur on the property, mainly in the felsic member of the Aurora Group, with chloritized rhyolite, tuffs, agglomerate, chert (exhalite) and sulphides. Gold values have been obtained in the south part of the property, associated with quartz-carbonate veins.

Four deposits are located within a radius of less than 2 km of the property, of which three (Barvallée, Vendôme No. 1 and Belfort) contain mainly zinc and to a lesser extent copper, silver and gold and can be considered as VMS deposits. The fourth, Vendôme No. 2, is surrounded by the property and contains nickel and copper. It is associated with an ultramafic differentiated intrusion. A recent helicopter-borne survey shows that the intrusion extends onto Lots 25, 27 and 29, Range IX, which are located on the Vendôme Sud property. This is revealed by the magnetic survey, because the Vendôme No. 2 deposit does not appear to respond to electromagnetic methods, with no Input or MegaTEM response.

Over the years, at least 145 holes have been drilled for a total of more than 21,000 m. Unfortunately, assays were reported only in a handful of them. On the other hand, they contributed to the geological

knowledge of the property. Taking all those facts into consideration, it is highly recommended to resume the exploration on the property, based on historical work and the recent helicopter-borne survey, to maximize the possibilities to discover a deposit.

26.0) RECOMMENDATIONS

In light of the results obtained to date and the favourable geology observed, a two-phase exploration program is suggested, for a total amount of \$408,000.

In Phase I, the following is recommended:

- A geological compilation of all the holes drilled on and in the immediate vicinity of the property, including all available assays, with litho-geochemistry, to characterize the rock alteration;
- Compilation of outcrop and geophysical survey data to obtain an overall picture of the property geology;
- Helicopter-borne magnetic and TDEM surveys to complete the geophysical coverage of the property;
- Geological survey guided by air photo or satellite imagery and, at the same time, a search to locate the five casings left in drill holes by previous operators;
- A Pulse-EM survey in each of the casings discovered to extend the area probed by the hole to 75-100 m.
- Finally, a 43-101 report update and filing of the exploration work with the MRN to obtain enough credits to keep the claims in good standing.

If Phase I produces encouraging results, Phase II should be undertaken, consisting exclusively of 2,000 m of diamond drilling. As in Phase I, the NI 43-101 report should be updated at the end of Phase II and the exploration work should be filed with the MRN.

The budget for both phases is given on next page:

Phase I: Geophysical and Geological Surveys				
Work	Quantity	Unit	Unit cost	Total
Program preparation	3	days	\$800	\$2,400
Drill hole data compilation, including all available assays and lithochemistry				\$15,000
Geological and geophysical data compilation				\$15,000
Search for old diamond drill holes with casings and geological survey, done on GPS lines.				\$25,000
Pulse EM in old drill holes, at least five holes (including geophysical report)	5	holes	\$3,500	\$17,500
Analysis	50	samples	\$50	\$2,500
Helicopter-borne survey on the newly staked claims (all inclusive)	60	km	\$225	\$13,500
Report at the end of Phase I: update of NI 43-101 and filing of exploration work with the MRN				\$12,000
Contingency 12%				\$12,348
			Total Phase I	\$115,248
Phase II: Diamond Drilling				
Program preparation	4	days	\$800	\$3,200
Drilling	2,000	m	\$125	\$250,000
Report update at the end of Phase 2, and filing for statutory purposes				\$12,000
Contingency 12%				\$31,440
			Total Phase II	\$293,440
			Total Phase I and II	\$408,688

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⁶ MRNQ: Ministère des Ressources Naturelles du Québec

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SCHEDULE 1

Residual Total Magnetic Intensity with TDEM Anomalies