

Sama Resources Quebec Completed a 609 line-km UAV Magnetic-Radiometric Survey at the Lac Brûlé Nickel-Copper Project

02.11.2021 | [The Newswire](#)

And launches a 1,444 line-km HELITEM2 Survey

Highlights:

- High density of strong magnetic anomalies that are interpreted as the signatures of mafic and ultramafic formations.
- The newly discovered gossan zone is situated in close proximity to these anomalies

November 02, 2021 - Sama Resource Inc ("Sama" or the "Company") (TSXV:SME) | (OTC:SAMMF) is pleased to report that Sama Resources Québec Inc. ("SRQ") a fully own subsidiary of the Company has announced the completion and interpretation of an unmanned aerial vehicle (UAV) magnetic and radiometric survey of 609 line-kilometres (line-km) over the core of the new Lac Brûlé nickel-copper property and including the gossan discovered in May 2021 (ref: PR 2021-06-16). (Gossans are highly ferruginous rock which is the product of the oxidation by weathering and leaching of a sulfide body: Elsevier Mineral Exploration 2013).

As a part of the ongoing exploration program, SRQ commissioned Helios UAV to complete a high-resolution magnetic and radiometric survey over the Lac Brûlé Property, located 290 km north-west of Montreal, Quebec province, Canada and easily accessible by roads. The UAV survey took place from July 14 through August 3, 2021 and included the acquisition of 609 line-km of magnetic data and of 335 line-km of radiometric data. Interpretation was performed by M. Joel Simard, P. Geol./Geoph based in St-Donat, Quebec province, Canada.

No historical prospecting or ground exploration had been reported from the Lac Brûlé area prior to SRQ. However, Government regional magnetic and gravity maps covering the area, as part of coverage of the entire Quebec province, as well as data from stream and lake sediment sampling programs covering the entire province, are available on the SIGEOM website.

The past-producing Renzi nickel-copper mine is the closest mining activity with historical information available. The Renzi mine is located 48 km east-southeast of the Lac Brûlé property. The Company is targeting possible accumulations of Ni and Cu mineralisation at Lac Brûlé that could be of similar nature to that at the Renzi mine and at other well-known Ni-Cu deposits in Québec and Labrador.

Geophysical Program

The UAV magnetic survey covered the east-central part of the Lac Brûlé property with north-south oriented lines at 100 m spacing (see Figure 1) for a total of 609-line km. The aim was to use the survey to assist with structural and geological mapping, and in particular to delineate the mafic/ultramafic units that host mineralisation at the gossan.

Figure 1: Map of MAG survey completed by Helios UAV.

Click Image To View Full Size

The survey maps show a high density of strong magnetic anomalies that are interpreted as the signature of

mafic and ultramafic formations. The gossan zone is situated in the vicinity of these anomalies, emphasizing the favourable environment for base metals mineralization.

The discovery zone, where the gossans have been identified, is situated in the vicinity of strong magnetic anomalies in the south-central part of the block that was flown (Figures 2 & 3). This gossan zone lies along a localized northwest to north-northwest trending discontinuity (fault) where the magnetic units appear locally demagnetized. Demagnetization is potentially indicative of alteration caused by the upwelling of hydrothermal fluids along the fault. This structural control may emphasize other favorable locations to search for precious and base metals mineralization (Figure 4).

The delineation of linear discontinuities over the survey area was achieved by using a program from the Centre for Exploration Targeting (CET), a joint initiative between Curtin University and the University of Western Australia (Figure 5). The CET method enhances discontinuities within aeromagnetic datasets that usually correspond with, and can reveal, lithological boundaries, faults, and dykes/intrusions critical to understanding the geology of an area.

Figure 2: Total Magnetic Field for the UAV MAG survey.

Click Image To View Full Size

Figure 3: Using the tilt derivative filter, the positive magnetic anomalies were delineated regardless of their relative amplitude. In the survey area, the calculated depths range from sub-outcropping to slightly more than 1500 m, with a mean value of 60 m.

Click Image To View Full Size

Figure 4: The main magnetic anomalies are linked to relatively broad bands of rocks that are 50 m wide and can reach up to 300 m in apparent thickness (top). The gossan zone is observed on a localized low magnetic feature which seems to coincide with the trace of a northwest to north-northwest striking fault causing local demagnetization of the host mafic and ultramafic units (bottom).

Click Image To View Full Size

Figure 5: CET: Grid Analysis, High Entropy Areas and Recommended Exploration Target areas.

Click Image To View Full Size

Readers are invited to view the updated Corporate Presentation showing exploration progress at all our properties : https://samareresources.com/i/pdf/Sama_Corporate_Presentation.pdf

The technical information in this release has been reviewed and approved by Dr. Marc-Antoine Audet, P.Geo and President and CEO of Sama, and a 'qualified person', as defined by National Instrument 43-101 Standards of Disclosure for Mineral Projects.

ABOUT SAMA RESOURCES INC.

Sama is a Canadian-based mineral exploration and development company with projects in West Africa and now in Canada.

In Côte d'Ivoire only, Sama, has a strategic partnership to develop the Samapleu-Yepleu

nickel-copper-palladium project with Ivanhoe Electric (previously HPX) of which mining entrepreneur Robert Friedland is a significant stakeholder. For more information about Sama, please visit Sama's website at <http://www.samareresources.com>.

FOR FURTHER INFORMATION, PLEASE CONTACT:

[Sama Resources Inc./RESSOURCES SAMA INC.](#)

Dr. Marc-Antoine Audet, President and CEO

Tel: (514) 726-4158

OR

Mr. Matt Johnston, Corporate Development Advisor

Tel: (604) 443-3835

Toll Free: 1 (877) 792-6688, Ext. 5

Neither the TSXV nor its Regulation Services Provider (as that term is defined in the policies of the TSXV) accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Statements

Certain of the statements made and information contained herein are "forward-looking statements" or "forward-looking information" within the meaning of Canadian securities legislation. Forward-looking statements and forward-looking information such as "evidence", "potential", "appears", "seems", "suggest", are subject to a variety of risks and uncertainties which could cause actual events or results to differ from those reflected in the forward-looking statements or forward-looking information, including, without limitation, the availability of financing for activities, risks and uncertainties relating to the interpretation of drill results and the estimation of mineral resources and reserves, the geology, grade and continuity of mineral deposits, the possibility that future exploration, development or mining results will not be consistent with the Company's expectations, metal price fluctuations, environmental and regulatory requirements, availability of permits, escalating costs of remediation and mitigation, risk of title loss, the effects of accidents, equipment breakdowns, labour disputes or other unanticipated difficulties with or interruptions in exploration or development, the potential for delays in exploration or development activities, the inherent uncertainty of cost estimates and the potential for unexpected costs and expenses, commodity price fluctuations, currency fluctuations, expectations and beliefs of management and other risks and uncertainties.

In addition, forward-looking statements and forward-looking information are based on various assumptions. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in forward-looking information or forward-looking statements. Accordingly, readers are advised not to place undue reliance on forward-looking statements or forward-looking information. Except as required under applicable securities legislation, the Company undertakes no obligation to publicly update or revise forward-looking statements or forward-looking information, whether as a result of new information, future events or otherwise.

Dieser Artikel stammt von [Rohstoff-Welt.de](https://www.rohstoff-welt.de)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/398273--Sama-Resources-Quebec-Completed-a-609-line-km-UAV-Magnetic-Radiometric-Survey-at-the-Lac-Brule-Nickel-Copper-Project>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer](#)!

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinen](#).