

Sama Resources Quebec Completed a 609 line-km UAV Magnetic-Radiometric Survey at the Lac Brule 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 Brulé 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 Brulé 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 Brulé 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 Brulé property. The Company is targeting possible accumulations of Ni and Cu mineralisation at Lac Brulé 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 Brulé 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.

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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.

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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.

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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).

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

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

The technical information in this release has been reviewed and approved by Dr. Marc-Antoine Audet, P.Geol 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.samaresources.com>.

FOR FURTHER INFORMATION, PLEASE CONTACT:

[Sama Resources Inc./RESSOURCES SAMA INC.](http://www.samaresources.com)

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

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

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