

# Updated Geophysical Interpretation Reveals New Targets at Sama's Samapleu Project

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## Maiden Borehole at New Zeregouine Prospect Confirms Magnitude of Yacouba Complex, Ivory Coast

MONTREAL, QUEBEC--(Marketwired - Jan 7, 2015) - [Sama Resources Inc./Ressources Sama Inc. \(TSX VENTURE:SME\)](#) ("**Sama**" or the "**Company**") today announced the discovery of new targets that are up to four times more conductive and more precisely delimited compared to the previous interpretation. Data from the latest round of exploration work performed in 2014 was integrated to an updated interpretation of the Helicopter Electromagnetic survey ("HTEM") conducted in 2013, revealing very strong conductivity targets. The Tri-dimensioning Conductivity Depth Imaging ("CDI") model was refined with increased precision and sensitivity, which returned targets previously undetected.

One of the new targets is located at the Yepleu deposit, site of the first at-surface occurrence of nickel and copper sulfide mineralization in West Africa. The target is along trend with the previously identified nickel-copper mineralization intercepted at shallow depth and measures approximately 500 meters by 500 meters. It is located between 450 meters and 700 meters below surface.

*"This new CDI interpretation is a breakthrough in our exploration and development work, confirming once again the huge potential of the Samapleu project,"* stated Dr. Marc-Antoine Audet, P.Geo, President and Chief Executive Officer, Sama Resources. *"Since 2010, Sama has discovered five mineralized sectors within the yet-to-be fully defined **Yacouba Layered Complex** host."*

A brief presentation detailing the revised CDI potential of the Yepleu deposit may be accessed via the following link.

<http://www.samaresources.com/i/projects/yepleu/YepleuCDItarget.pdf>

### Maiden Borehole at Zeregouine Confirms Magnitude of Yacouba Complex

The Company also announced that the first exploration hole drilled at the newly discovered Zeregouine Sector returned 210 meters of prospective mafic geological rock on the Yacouba Complex. The Yacouba Complex is host to the Samapleu nickel-copper and palladium deposits located 20 kilometers north.

The new Zeregouine Prospect is outlined by a 6.5-kilometer long strong electromagnetic anomaly with numerous surface gossans and mineralized grab samples including 8.4% Cu (Niton XRF analyzer) (reference Sama's press release dated September 10, 2014).

The orientation and maiden borehole at Zeregouine (ZE16-233527), drilled down to a depth of 350 meters, was intended to test for the presence of mineralized mafic to ultramafic rock responsible to the very large electro-magnetic anomaly on the Yacouba Complex as outlined by the 2013 airborne survey. The borehole intersected 210 meters of prospective mafic rock showing mineralization from disseminated to up to 20% sulphide. The mineralization includes pyrrhotite, nickel-bearing pentlandite and copper-bearing chalcopyrite.

Downhole geophysical surveys together with additional drilling are needed to fully evaluate the 6.5-kilometer long prospect.

A geological cross-section of borehole ZE16-233527 may be accessed via the following links.

<http://www.samaresources.com/i/projects/yepleu/zeregouinesurfacemap.png>

<http://www.samaresources.com/i/projects/yepleu/zeregouinesectionddh.png>

The hand held Niton XRF analyzer provides assay readings for a wide range of metallic elements including nickel and copper. Readings are made through a few square millimeters window at the sample surface. Several readings are used to generate an averaged value. Reported values obtained using the Niton XRF analyzer are being used only for exploration planning.

The technical information in this release has been reviewed and approved by Dr. Marc-Antoine Audet, P.Geo, Ph.D, President and Chief Executive Officer, Sama Resources and the Company's qualified person, as defined by National Instrument 43-101, Standards of Disclosure for Mineral Projects.

Readers are invited to visit the Company's website for an updated copy of the Sama's corporate presentation and additional details at:

[http://www.samaresources.com/i/pdf/Sama\\_Corporate\\_Presentation.pdf](http://www.samaresources.com/i/pdf/Sama_Corporate_Presentation.pdf)

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#### Forward-Looking Statements

This press release contains forward-looking statements. Forward-looking statements involve known and unknown risks, uncertainties and assumptions and accordingly, actual results and future events could differ materially from those expressed or implied in such statements. You are hence cautioned not to place undue reliance on forward-looking statements.

Forward-looking statements include but are not limited to financing, risks and uncertainties relating to the interpretation of exploration and drilling results, the estimation of mineral reserves and resources, geology, the grade and continuity of mineral deposits, fluctuations in the price of metals, environmental and regulatory requirements, permitting, escalating costs of remediation and mitigation, the risk of title loss, the availability of equipment, potential delays in exploration or development activities, and other risks and uncertainties.

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.

## Contact

[Sama Resources Inc.](#)

Dr. Marc-Antoine Audet, P.Geo., Ph.D,  
President and CEO  
(514) 726-4158

[Sama Resources Inc.](#)

Mr. Matt Johnston  
(604) 443-3835 or Toll Free: 1 (877) 792-6688, Ext. 4

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