

Sama to Drill High Priority HTEM and Downhole Geophysical Targets at Samapleu and Yepleu Nickel-Copper-Palladium Deposits

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MONTREAL, QUEBEC--(Marketwired - Apr 22, 2014) - [Sama Resources Inc./Ressources Sama Inc. \(TSX VENTURE:SME\)](#) ("**Sama**" or the "**Company**") has launched the next drilling program aimed at discovering high-grade nickel-copper-palladium rich lenses at Samapleu and Yepleu deposits. These deposits are hosted within a newly identified large anorthositic and dioritic layered complex (the "**Yacouba Layered Complex**") in Côte d'Ivoire, West Africa.

The Tri-dimensional Conductivity Depth Imaging ("**CDI**") models generated from the Helicopter Electromagnetic survey ("**HTEM**") returned numerous high priority targets over the entire survey area, but more importantly, at, and in the vicinity, of the Samapleu Main, Extension 1 and the Yepleu deposits. At the Samapleu Main and the Extension 1 deposits, all high priority CDI's targets could be related to the presence of mineralization in various concentrations including semi-massive to massive lenses within what Sama believes to be the mineralized trend extending at depth and also laterally.

The 16 boreholes which cover 6,900 meters ("**m**"), and includes 14 boreholes at the Samapleu Main and Extension 1 deposits and 2 boreholes at Yepleu are planned using the combined interpretation from the latest Fixed Loop and Down-Hole TEM ("**DHTEM**") survey program together with the HTEM completed in 2013.

CDI's targets coincide very well with responses obtained from the recently completed DHTEM survey. CDI is a very cost effective and time efficient way to derive conductivity variations with depth from the raw HTEM data. CDI is calculated using inversion results from the individual electro-magnetic decays from each recorded station in the airborne data.

Readers are invited to click on following link to have access to Samapleu Main and Extension 1 deposit surface map showing boreholes location and on the three subsequent links for visualising vertical cross-sections with geophysical targets and proposed borehole outlines.

<http://samaresources.com/i/projects/samapleu/samapleumainext1surfaceboreholes.png>

<http://www.samaresources.com/i/projects/samapleu/samapleumainsection10425.png>

<http://www.samaresources.com/i/projects/samapleu/samapleuext1section4225.png>

<http://www.samaresources.com/i/projects/samapleu/samapleuext1section5225.png>

At Yepleu, the Company is chasing structural features that would have trapped mineralized pyroxenite within the sub-horizontal large layered complex. The CDI models and the DHTEM responses coincide also very well and are prime targets to be tested by drilling.

See the Yepleu surface map and a cross section by clicking on the following links;

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

<http://www.samaresources.com/i/projects/yepleu/yepleusection6000.png>

Exploration to date has focused mostly on shallow targets (<150m) at the Samapleu deposits. Sama believes that mineralization at the Samapleu deposits could plunge deeper and could extend laterally as suggested by the CDI interpretation. It is interpreted that, based on the CDI interpretation, the Samapleu Main and the Extension 1 Pipe- like Intrusion or conduit mineralized hosts are linked together at depth as a large fold returning very strong conductivity responses.

These rare type of intrusions host the world's largest nickel-copper deposits like Jinchuan, 515 million tonnes ("Mt") at 1.06% nickel; Voisey Bay, 137Mt at 1.68% nickel; Kabanga, 52Mt at 2.65% nickel; Eagle, 4.5Mt at 3.33% nickel; Eagle Nest, 20Mt at 1.68% nickel; Kalatongke, 24Mt at 0.68% nickel and N'komati 2.8Mt at 2.08% nickel.

Details for the CDI and the DHTM derived targets and presented in the Sama's updated compilation at: http://www.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.Geo and President and CEO of Sama, and a 'qualified person', as defined by National Instrument 43-101, Standards of Disclosure for Mineral Projects.

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