TSX Venture Symbol: SME

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Metallurgical Testing Yield's +99% Graphite Concentrate Purity at Sama's Lola Graphite Deposit in Guinea

Montreal, Québec, January 13, 2015- Sama Resources Inc./Ressources Sama Inc. (TSX Venture: SME) ("**Sama**" or the "**Company**") today announced that a second series of laboratory scale metallurgical tests once again corroborate the high potential of the Lola Graphite Project in Guinea, West Africa. Purification tests, using combined sulphuric and hydrofluoric ("**HF**") acids, performed on graphite concentrate obtained through conventional flotation and gravity processing, increased the graphite content ("**% Cg**") of all flake categories to greater than **99**%.

Highlights

- Over 94% graphite recovery in the batch flotation tests
- Over 99% purified concentrate grade across all flake categories
- 78% of the concentrate was in the jumbo and large flake categories
- 8.7 kilometer length of deposit

"*We are very pleased with the results of these second metallurgical tests, which confirm the high value of the concentrate,*" stated Dr. Marc-Antoine Audet, P.Geo, President and Chief Executive Officer, Sama Resources*. "These results speak to the enormous potential of the Lola Graphite Project, which covers an area of over 8.7 kilometers ("km") long by 300* meters ("m") wide at surface, *potentially up to 1,000 mwide. Graphite flakes are free within the first 20 m or so of the deposit, it is well weathered or laterized, thereby allowing for easy grinding and optimal recovery of all large and jumbo flakes," added Dr. Audet.*

As in the maiden metallurgical tests (reference Sama's press release dated July 8, 2014), the graphite recovery was high with the second tests returning a global recovery of 94% of graphite, while producing a graphite concentrate comprising 78% of large and jumbo size flakes (reference: Table 1). Petrological investigations showed that muscovite and other silicate minerals remained attached to graphite flakes, hence affecting the purity of the flotation/gravity concentrate. Washing the graphite concentrate in a solution of sulphuric and hydrofluoric acids selectively leached and removed muscovite and silicate minerals returning jumbo, large, medium and small flake concentrates assaying 99.1% Cg, 99.2% Cg, 99.6% Cg and 100% Cg, respectively.

Furthermore, the concentrate in the maiden test was analyzed for a series of trace metals (reference Sama's press release dated July 8, 2014). As reported, it was found that the trace metal levels in the graphite concentrate were extremely low.

Table 1

All metallurgical tests were performed by the Thunder Bay laboratories of Activation Laboratories Ltd of Ancaster, Ontario, Canada on surface oxide material from the Lola graphite deposit. The second series of tests described here were performed on surface, graphite-rich oxide material, nominally representative of the first 20 m sub-surface of the deposit.

Maiden Test (July 2,2014)			Second Test (November 2014)			
Head grade	11.5% Cg		Head grade	12.2% Cg		
Recovery	96%		Recovery	94%		
Grinding	100% - 35 Mesh		Grinding	-4 Mesh Flash Flotation, -32 Mesh Regrind		Graphite purity
Flake Size	Distribution, %	% Cg	Flake Size	Distribution, %	% Cg	% Cg
+48 mesh (jumbo)	29.2	92.9	+48 mesh (jumbo)	54.2	89.0	**99.1**
+80 mesh (large)	30.8	90.0	+80 mesh (large)	23.8	83.0	**99.2**
+150 mesh	17.9	80.4	+150 mesh	7.7	78.7	**99.6**
-150 mesh	22.2	71.0	-150 mesh	14.3	67.9	**100.0**

Notes: 1. Tyler 4 mesh is 4.76 mm, 32 mesh is 0.5 mm and 35 mesh is 0.42 mm.
2. Graphite purity is after acid washing

The samples for the two tests reflect the oxide layer of the Lola deposit. The sample for the maiden test, representing approximately 15% of the deposit, had a higher level of supergene silicate content. The sample for the second test, representing approximately 85% of the deposit, was a more friable material and was much lower in supergene silicate material.

The samples for the maiden and the second tests had similar head grades, 11.5% Cg and 12.2% Cg, respectively.

The Lola Graphite Project is 100% owned by Sama Resources Guinea SARL, a fully owned subsidiary of Sama Resources Inc. The Lola Graphite Project is located near the town of Lola in eastern Guinea and within 50 km of the border of Côte d'Ivoire.

Additional information regarding the Lola Graphite Project is available in Sama's updated presentation on the corporate website at www.samaresources.com or via the following link: 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, Sama Resources and by Dr. Phillip Mackey, P.Eng., a metallurgical consultant, both acting as qualified persons as defined by NI 43-101 Standards of Disclosure for Mineral Projects.

FOR FURTHER INFORMATION, PLEASE CONTACT:

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Forward-looking statements and forward-looking information 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.

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