

Sama Resources Announces Up to 92.9% Graphite Concentrate Purity on Initial Metallurgical Testing at the Lola Graphite Deposit, Republic of Guinea, West Africa

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MONTREAL, QUEBEC--(Marketwired - Jul 8, 2014) - [Sama Resources Inc./Ressources Sama Inc.](#) ("Sama" or the "Company") (TSX VENTURE:SME) is pleased to announce that the first metallurgical test performed at Activation Laboratories Ltd., Thunder Bay, Canada ("ActLab") has returned high quality Graphite concentrate with up to 96% graphite recovery. This metallurgical test is the first of a series of proposed laboratory tests in order to define the grade and recovery of the final graphite concentrate.

The maiden test was performed on the two prominent mineralised facies of the deposit: the oxide material (first 20 meters ("m") from surface of totally to partially weathered material (saprolite)) and the underlying non-oxide material (below 20m).

The maiden metallurgical batch test on the oxide material returned a recovery to rougher concentrate of 96% of graphite flakes, producing a final table graphite concentrate having 60% of jumbo and large size flakes showing 92.9% and 90% graphite content respectively. Table 1 summarizes the findings.

Furthermore, the obtained concentrate was analysed for a series of elements to check for any possible contaminants, the assay data in Table 2 shows that the concentrates contained very low levels of minor elements.

"We are pleased with these impressive results from the initial test. It is a clear indication of the very high potential of the Lola Graphite mineralization," commented Dr. Marc-Antoine Audet, President and CEO of Sama. "A series of additional tests are planned in order to refine and further improve the already excellent recovery and grade of the graphite concentrate," Dr. Audet added.

Sama will continue to define and develop the Lola Graphite project on its own, however it is currently pursuing discussions for a partnership with known graphite developers and producers in order to accelerate the path to production.

Sama has launched a 4,000m drilling program designed to establish the mineral resources within the oxide material with its two 100% owned Jacro drill rigs.

Table 1: Metallurgical results of the maiden test at ActLab on the oxide and non-oxide mineralised material at the Lola Graphite deposit.

	Oxide material	
Flake Size	Distribution %	Graphite Content, %Cg
+50 mesh (jumbo)	29.2%	92.9%
+80 mesh (large)	30.8%	90.0%
+150 mesh	17.9%	80.4%
-150 mesh	22.2%	71.0%
	Non-Oxide material	
Flake Size	Distribution %	Graphite Content %Cg
+50 mesh (jumbo)	20.4%	89.4%
+80 mesh (large)	25.6%	84.7%
+150 mesh	22.7%	76.0%
-150 mesh	31.3%	73.9%

Table 2: Trace element analysis of the produced table graphite concentrate: ppm: part per million

Element Material/ Fraction	Chromium ppm	Cobalt ppm	Copper ppm	Lead ppm	Molybdenum ppm	Nickel ppm	Vanadium ppm	Zinc ppm
Oxide material								
+50 mesh (Jumbo)	20	6.4	52	2.54	1.63	10.5	2.7	11
+80 mesh (large)	32	9.8	81	4	2.97	17.9	1.6	17
+150 mesh	49	12.3	118	6.24	4.33	32.4	8	24
-150 mesh	62	13.8	140	7.25	6.05	40.4	1.3	27
Non-oxide material								
+50 mesh (Jumbo)	69	5.28	77	9.11	16.6	55.2	46.2	74
+80 mesh (large)	85	15.2	125	8.64	44	88.5	4.9	114
+150 mesh	76	19.3	218	17.7	126	106	22.4	127
-150 mesh	60	21	596	22.9	198	122	11	153

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

Additional details for the Lola Graphite project can be viewed 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.Geol and President and CEO of Sama 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.

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