

Alabama Graphite Reports 54.7% Large and Jumbo Flake Graphite with Purities Ranging from 96.3% to 98.5% at its Bama Property in Chilton County, Alabama, USA

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Vancouver, BC / TNW-ACCESSWIRE / September 24, 2014 / [Alabama Graphite Corp.](#) ("Alabama Graphite" or the "Company") (TSX-V:ALP) (OTCQX:ABGPF) (FRANKFURT: 1AG WKN: A1J35M) (ISIN# CA0102931080) is pleased to announce that it has received the first set of metallurgical results from SGS Laboratory in Lakefield, Ontario, Canada on sample material originating from the newly acquired Bama Property. Using only simple floatation (without chemical or thermal treatment) the Bama composite sample produced a graphite concentrate that contained an aggregate of 54.7% large flake (+80 mesh), of which 17.8% was in the jumbo flake (+48 mesh) category. For all size ranges coarser than +150 mesh the purity exceeded 96.3% with the jumbo flake fraction having a purity of 98.5% in Scoping Level Evaluations. Another notable characteristic is the sample's low sulphur content at 0.02%.

The 5 kg composite sample was taken from the upper 50 feet of the existing Bama Mine pit wall. The following table presents the size flake distribution and concentrate purities of the sample.

Flake Size	Weight %	Assays %C(t)
+ 48 mesh (Jumbo)	17.8	98.5
+ 65 mesh (Large)	25.2	96.8
+ 80 mesh (Large)	11.7	96.4
+ 100 mesh	10.4	96.3

As with the Company's flagship Coosa Project, the Bama Mine contains a thick oxidized zone where weathering has both removed sulfide minerals and significantly reduced the hardness of the graphitic schist host. It is well established that far less work and energy is required to liberate minerals from soft, weathered host rock. In addition, the ease of liberating the graphite from the weathered rock in Alabama could lead to potential savings in both capital and operating expenses.

"We are tremendously pleased to see such high purity values within a simple flotation, in our first sample of the Bama material," stated Ron Roda, President and CEO of Alabama Graphite. "To combine this with over 50% large and jumbo flakes indicate that the Bama Property shows excellent economic potential. This combination of flake size distribution, purity and low sulphur content will allow us to support our mission of having one of the greenest graphite operations in the world. The Chilton properties we recently acquired will deservedly receive significant attention this fall and winter."

Alabama Graphite is continuing metallurgical studies of its Chilton and Coosa County properties with detailed flowsheet development that maximizes concentrate grade and carbon recovery while minimizing the degradation of graphite flakes. This work is in preparation for a Preliminary Economic Assessment to begin later this year in respect of the Coosa Project.

Rick Keevil, P. Geo., a Director of the Company and VP of Project Development, is a Qualified Person as defined by National Instrument 43-101, has reviewed the contents of this press release.

About Alabama Graphite:

[Alabama Graphite Corp.](#)'s mission is to become one of the greenest graphite producers in the world. The Company, through its wholly-owned subsidiary, Alabama Graphite Company Inc., is conducting exploration and development both at its flagship Coosa Graphite Project in Coosa County, Alabama, USA and the recently acquired Bama Project in Chilton County, Alabama, USA. These two advanced-stage projects are 100% owned by Alabama Graphite and are on private land. The two projects encompass over 43,000 acres and are located in an area with significant historical production of crystalline flake graphite. The Company has the largest NI 43-101 indicated flake graphite resource in the United States based on drilling 0.18 square miles (0.3% of the total acreage). The Alabama deposits are unique in that a significant portion of the graphite-bearing material is oxidized and has been broken down into an extremely soft rock. Both projects have in place critical infrastructure, are within close proximity to transportation routes and enjoy a hospitable climate allowing for year-round production and delivery. For further information and updates on the Company please visit www.alabamagraphite.com.

On Behalf of the Board of Directors

ALABAMA GRAPHITE CORP.

Ron S. Roda
President & Chief Executive Officer
(609) 785-1581
rroda@alabamagraphite.com
www.alabamagraphite.com

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