

Graphite One Samples Yield High Purity Of 99.99% Carbon From Second Series Of Beneficiation Tests

24.04.2014 | [The Newswire](#)

Calgary, Alberta / TNW-ACCESSWIRE / April 24, 2014 / [Graphite One Resources Inc.](#) (GPH: TSX-V, GPHOF: OTCQX) ("Graphite One" or the "Company") is pleased to announce the following significant results from a second series of beneficiation tests conducted at SGS Canada Inc. ("Lakefield") on samples from its 100% owned Graphite Creek Deposit. Trials using a leaching process yielded results exceeding 99.9 per cent Carbon ("% C") from a rough concentrate produced from floatation which had an initial 92 % C head grade.

This is further confirmation of earlier mineralogical studies that showed the flake graphite material to be of high quality and containing minor amounts of impurities and improves on results as reported on April 29, 2013. The ability to produce a natural graphite product equivalent in purity to the highest grade synthetic graphite will allow Graphite One to target the growing market in high value-added graphite applications. These high purity levels are required in many industrial applications including electrochemical applications like Lithium-ion batteries which are used in electric vehicles and represent a significant and growing market.

Anthony Huston, President and CEO stated "Achieving ultra-high purity carbon results is essential in the emerging graphite market." Huston also stated "With accelerated global interest in graphite deposits and with Graphite Creek being the U.S.'s only advanced Graphite Deposit, we will continue to seek strategic partners, including graphite end-users."

Tesla Motors Inc. ("Tesla"), recently announced plans to build a new \$5 billion lithium-ion battery 'giga-factory' in the U.S., forecasted to reach production in 2017. As well, co-founder of Tesla, Elon Musk, stated the company "plans to use only raw materials sourced in North America for its U.S. battery factory". According to Simon Moores at Industrial Minerals ("IM"), the output of this factory would more than double the size of the current market and the graphite industry would likely be the beneficiary of this growth. In IM's calculations, demand for natural flake graphite could increase by 37% by the year 2020, requiring equivalent production from six to nine new graphite mines.

Please follow this link to read the full article on Industrial Minerals' website:

<http://bit.ly/1nAt8IW>

About Graphite Creek

The Graphite Creek Property comprises 129 claims totaling 6,799 hectares on the Seward Peninsula of Alaska, 65 kilometres north (40 miles) of a deep sea port at Nome. Mineralization at the Graphite Creek Property is characterized by coarse crystalline (flake) graphite within graphite-bearing schist(s).

Highlights:

- Largest known, high grade, large flake Graphite Deposit in the United States and North America.
- This new and expanded inferred resource based on 2012 and 2013 drilling by Graphite One and comprises 284.71Mt at 4.5% Cg (including 37.68Mt at 9.2% Cg and 8.63Mt at 12.9% Cg);
- High-grade graphite mineralization is at surface and extends from surface to depths of over 200m.

- The 2013 drilling program further confirmed excellent continuity of near surface, high grade graphite within a simple and accessible geological setting and doubled the strike length of current mineralization at the Graphite Creek Deposit to 4.8 km's.
- The resource area (4.8km) only represents drilling along 27% of an 18km long electro-magnetic conductor.
- The Deposit remains open along strike to both the east and west, and down dip. Every hole continues to be mineralized from top to bottom.

About Graphite One Resources Inc.

[Graphite One Resources Inc.](#) (GPH: TSX-V; GPHOF: OTCQX) is exploring with the intent to develop the Graphite Creek Deposit, USA's only advanced staged large-scale, large flake graphite deposit.

<http://graphiteoneresources.com/investors/presentations/>

ON BEHALF OF THE BOARD OF DIRECTORS

"Anthony Huston" (signed)

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<https://www.rohstoff-welt.de/news/171619--Graphite-One-Samples-Yield-High-Purity-Of-99.99Prozent-Carbon-From-Second-Series-Of-Beneficiation-Tests.htm>

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