

Canada Carbon Provides Scanning Electron Microscope Images of Miller Hydrothermal Graphite Crystals

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VANCOUVER, BRITISH COLUMBIA--(Marketwired - Apr 29, 2014) - [Canada Carbon Inc. \(the "Company"\) \(TSX VENTURE:CCB\)](#) is pleased to present these Scanning Electron Microscope (SEM) images of its Miller hydrothermal graphite crystals, provided to it by the El Segundo, California laboratories of Evans Analytical Group. These micrographs clearly reveal the highly crystalline nature of the Miller graphite, evidenced by both the platy shapes of the crystals, and their highly organized layered structure, in a way that is now clearly visible to the naked eye.

To view the maps associated with this press release, please visit the following link:
<http://media3.marketwire.com/docs/CCBmaps.pdf>.

These, and other high-resolution SEM images of the Miller hydrothermal graphite, can be viewed at <http://canadacarbon.com/scanning-electron-microscopy>.

Executive Chairman and CEO Mr. R. Bruce Duncan stated, "On February 4th, we announced that further characterization testing of the Miller graphite was underway, and we are pleased to provide these SEM images of the graphite crystals. These SEM images verify the old saying that, 'A picture is worth a thousand words.' The near-perfect layering of graphene molecules which make up these graphite crystals can be clearly seen.

The graphite submitted for SEM imaging was from the same sample which achieved 99.9978% Cg purity after rapid thermal upgrading (please refer to the news release dated December 12, 2013). Graphite crystals in this sample were from the +48 mesh fraction (analogous in size to "jumbo flake") from a flotation concentration trial conducted in July 2013 by SGS Laboratories, of Lakefield, Ontario. We believe that achieving 99.9978% Cg, while retaining the inherent crystalline nature of our Miller graphite, is unprecedented."

Further graphite characterization results are expected shortly, and will be reported when received.

SGS Laboratories is currently processing a 50 kilogram composite of the Miller graphite, with a view to developing a flotation concentration flow-sheet which optimizes the preservation of the crystalline graphite structure, as well as particle size, in order to maximize the potential economic value of this high-purity graphite. Once these optimization criteria are determined, the scale-up to pilot plant design will commence.

Rémi Charbonneau, Ph.D., P. Geo #290, an Associate of Inlandsis Consultants s.e.n.c. acting as an Independent Qualified Person under National Instrument 43-101 for the issuer. Dr Charbonneau states, "I welcome these newly acquired SEM images which tend to reveal that graphene may be present in the lattice of graphite crystals from the Miller Project. This is a significant step toward the production of graphene from vein type graphite and the upcoming detailed report from El Segundo Laboratories will detail the inference with the high crystallinity indicated by Raman Spectroscopy (see February 4, 2014 press release)."

On Behalf of the Board of Directors

CANADA CARBON INC.

R. Bruce Duncan, CEO and Director

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