

# Canada Carbon Files NI 43-101 Technical Report on the Miller High-Purity Lump/Vein Graphite Project

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VANCOUVER, BRITISH COLUMBIA--(Marketwired - May 6, 2014) - [Canada Carbon Inc. \(the "Company"\) \(TSX VENTURE:CCB\)](#) is pleased to announce that it has Sedar filed a National Instrument 43-101 "(NI 43-101)" report on its 100% owned Miller high-purity hydrothermal lump/vein graphite property located 80 km west of Montreal near Grenville, Quebec.

The 494 page (including appendices) independent technical report entitled, "Technical Report on the Miller Mine Graphite Property, Grenville Township, Quebec, Canada" (the "Technical Report"), dated April 25<sup>th</sup>, 2014 was prepared for Canada Carbon by Dr. Remi Charbonneau, Ph.D., P. Geo #290, the Company's geologist and an associate of Inlandsis Consultants from Montreal. The Technical Report is available under the Company's profile on SEDAR at [www.sedar.com](http://www.sedar.com) and on the Company's website at [www.canadacarbon.com](http://www.canadacarbon.com).

Executive Chairman and CEO Mr. R. Bruce Duncan stated, "Canada Carbon is pleased to provide shareholders with this comprehensive report detailing the exploration programs conducted on the Miller property, as well as a summary of the graphite characterization work reported to date. Now that winter is behind us, our exploration team is ready to embark on another busy season of prospecting activity. Aerial geophysics conducted by Geotech (VTEM Plus) produced at least 40 clusters of electromagnetic (EM) targets on the East Block claims, and a further 46 clusters of EM targets on the West Block. We plan to systematically assess these targets using ground geophysics, surface prospecting and trenching where indicated, followed by a diamond drill program to test the sub-surface extent of any significant graphite exposures identified during this exploration program. Continued exploration activities on previously defined targets will also be carried out, with planned work on the trench area (VN1-VN2), VN3 area, as well as the latest PhiSpy ground geophysical anomalies identified in March 2014.

Canada Carbon has continued to build its land package, and wishes to emphasize that the discoveries detailed in this Technical Report occurred on only a small percentage of the land area, in the vicinity of the historic Miller Mine. With the knowledge and experience gained from the exploration work detailed in this report, we hope to efficiently identify and assess the value of new targets which share the same geological setting and geophysical responses. "

## Report Summary:

The key elements of the NI 43-101 compliant Technical Report for the Miller hydrothermal lump/vein graphite property are summarized in the brief points below:

1. The initial period of exploitation in 1845-1846 may well have been the first graphite operation in Canada. Following a 25-year period of inactivity, the site was worked again for a short period of time around 1870 as the Miller mine and was taken over in 1889 by Messrs. Rae & Co. without extensive work. The most important episode of mining apparently occurred from 1899 to 1900 by Keystone Graphite Co.: "The lots sent contain an average of from 35 to 55 per cent of pure graphite and it is paid for according to the grade. Since the company has been working, about 25 carloads have been shipped; from 16 to 22 men have been employed throughout the year. The work consists of a cutting about thirty feet deep joining the main deposit where, it is stated, a thickness of 2 1/2 feet of solid graphite have been found at times."

1. The Miller Mine Property includes 81 claims (47.38 km<sup>2</sup>) registered to Canada Carbon, another eight (8) claims (4.8km<sup>2</sup>) to be transferred from a company with an adjacent property, and 95 pending claims (57.57 km<sup>2</sup>). The property is located in the Grenville, Grenville Augmentation and Harrington townships in the Outaouais Region of southern Quebec, about 80 km west of Montreal.
1. Since March 2013, Canada Carbon has discovered many occurrences of graphite mineralization over a small area in the vicinity of the past-producing Miller mine. The mineralization occurs as two main plurimetric graphite veins (VN2 and VN3), many graphite veins of smaller size, and numerous plurimetric graphite-wollastonite pods. The veins are mostly oriented N-S, similar to the trend of the former mine pit. The veins contain 40% to 80% Cg whereas the pods generally grade around 10-15% Cg. The main mineralization of interest on the Miller Property is categorized as granulite-hosted lump vein-style mineralization and is therefore particularly well suited for high-tech applications due to its high purity potential. Processing of the graphite vein material yielded an ultra-pure product, achieving results of up to 100% Cg. The possible use of the graphite in nuclear applications was also evaluated by verifying the Equivalent Boron Content of the impurities in a concentrate, which surpassed purity requirements. Raman spectroscopy studies demonstrated a high degree of crystallinity for vein graphite from the Miller mine.
1. Authorization was granted by the Ministry of Natural Resources of Quebec to extract a bulk sample of up to 480 tonnes (metric tons) of material from the surface showings and piles of blocks. The Company has excavated a series of trenches along a contact between marble and paragneiss. The contact zone is mineralized with graphite veins and graphite-wollastonite pods. Pegmatite intrusions are also present along the contact. The mineralized contact zone can be followed at surface for over 50 m from the southern end of the trench. It is folded towards the east; at depth, the mineralized contact (graphite-wollastonite) was encountered at a vertical distance of 39.3 m below the VN2 showing. An airborne VTEM survey detected many anomalies of significant size on both claim blocks belonging to the Company. Ground geophysics also detected large local anomalies associated with graphite vein systems.
1. To detect additional large conductors, the authors recommend systematic IP surveying over the known VTEM anomalies and local PhiSpy surveys over anomalous areas in order to generate high-quality targets for prospecting, trenching and drilling. An IP survey and trenching program should be carried out in the trench area to extend known mineralization laterally and at depth.

Dr. Charbonneau, Ph.D., P. Geo #290 (an Associate of Inlandsis Consultants s.e.n.c.) is an Independent Qualified Person under National Instrument 43-101, and has reviewed and approved the technical information provided in this news release commented: "Filing the first comprehensive NI 43-101 Technical Report on the Miller Graphite project represents a significant step forward in the evaluation of the full economic potential of the high quality vein-type graphite present on the Miller Mine Property."

On Behalf of the Board of Directors

#### **CANADA CARBON INC.**

R. Bruce Duncan, CEO and Director

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our filings with SEDAR in Canada (available at [www.sedar.com](http://www.sedar.com)).

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