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# Saint Jean Carbon Exploring Magnetic Properties of Graphene with a path towards Superconducting

**October 22nd, 2015**, Oakville, Ontario, Canada – Saint Jean Carbon Inc. ("**Saint Jean**" or the "**Company**") (TSX-V: SJL), a carbon sciences company engaged in the development of natural graphite properties and related carbon products is pleased to announce that it has completed an initial phase of research and development (R&D) work on the development of superconducting graphene. The work program has proceeded over the past six months and was recently supported by receipt of a NSERC grant (National Sciences and Engineering Research Council of Canada) (see October 1, 2015 press release). The result of the work has produced graphene that possibly may have magnetic properties; Magnetic properties are what is needed if the material is used in superconducting applications. This is believed to be a first. The encouraging result is just the very first step with many more tests to complete. Hopefully, this puts the project on the path towards the development of a low-temperature superconductor that leverages key properties of graphene.

Superconductivity is defined as a quantum mechanical phenomenon that offers the potential for zero electrical resistance. The ability to operate with no electrical resistance at or near room temperature holds significant potential in a wide range of product and technology applications. This include high-performance smart grids, electric power transmission, transformers, power storage devices, electric motors used in vehicle propulsion as in maglev trains, magnetic levitation devices, spintronic devices and superconducting magnetic refrigeration. Solving this puzzle; would have enormous technological importance.

The work has been based on the identification of the growing understanding of the magnetic properties (the ability to repel magnetic fields) of graphene. These properties could play a crucial role in enhancing superconductivity and therefore make it a good candidate for continued efforts to realize its potential. To truly understand the magnetic properties, the material has been sent to a third party for full magnetometer temperature testing; this is believed to be the only way to get accurate nano material measurements. The tests are very complex and time consuming but will provide us with absolute definitive measurements and a clear path forward for possible applications. Upon completion of the tests (estimated to be completed by October 28th 2015), the company will release the results. Elements of the research work have relied on a patented (nanoparticle ultrasound separation) system designed to isolate and create large quantities of graphene cost effectively.

The base graphite used in the research program was very pure, which minimized the need for costly and environmentally harsh purification. In addition, the graphene that was produced has excellent electrical/thermal connectivity; large high surface area, very good wettability, and had some promise of magnetic properties.

The production method has been initially shown to be less aggressive and significantly more cost effective than other processes such as the Hummers Method. This should further improve the overall ability to produce base material for many other needed applications for graphene today. The process may greatly shorten the time to market, and we are encouraged that there are already real needs for the material in all sorts of applications including polymers, epoxies and other coatings. The company plans to work with industry partners to develop a solution based application that can be developed today and be in use in a short time frame.

The next phase of the joint research effort is to prepare a bench scale system capable of producing larger quantities of high purity graphene samples for potential industry partners. Mr. Ogilvie commented, "We believe our working relationship with the university teams is an excellent opportunity to leverage Saint Jean's graphite experience and assets while simultaneously expanding our focus on critical new carbon-based

opportunities such as graphene superconductors. As one of the next steps in our go-forward plan is to quickly advance the product applications by working with a number of companies and potential strategic partners. Given the potential of graphene in everything from quantum computing to energy storage, Saint Jean has been encouraged by the breadth and depth of these preliminary discussions. As the work unfolds we look forward to keeping our shareholders actively informed on our continued efforts and results." Dr. Don MacIntyre, the Company's geologist, P. Geo., and Qualified Person, reviewed and approved the technical and scientific information in this release.

**About Saint Jean**
Saint Jean is a publicly traded carbon sciences company with interest in graphite mining claims on five 100% Company owned properties located in the province of Quebec in Canada. The five properties include the Walker property, a past producing mine, the Wallingford property, the St. Jovite property, East Miller and Clot property. For information on Saint Jean's other properties and the latest news please go to the website: www.saintjeancarbon.com

On behalf of the Board of Directors
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**FORWARD LOOKING STATEMENTS:** *This news release contains forward-looking statements, within the meaning of applicable securities legislation, concerning Saint Jean's business and affairs. In certain cases, forward-looking statements can be identified by the use of words such as ''plans'', ''expects'' or ''does not expect'', "intends" ''budget'', ''scheduled'', ''estimates'', "forecasts'', ''intends'', ''anticipates'' or variations of such words and phrases or state that certain actions, events or results ''may'', ''could'', ''would'', ''might'' or ''will be taken'', ''occur'' or ''be achieved''. Such forward-looking statements include those with respect to the Company's intention to complete the Offering, use the proceeds of the Offering as working capital to fund the continued development of the Company's business, the Company's intention to complete the Divestitures and the intention to become a graphite procuring company.*

*These forward-looking statements are based on current expectations, and are naturally subject to uncertainty and changes in circumstances that may cause actual results to differ materially. The forward-looking statements in this news release assume, inter alia, that the conditions for completion of the Transaction, including regulatory and shareholder approvals, if necessary, will be met.*

*Although Saint Jean believes that the expectations represented in such forward-looking statements are reasonable, there can be no assurance that these expectations will prove to be correct. There are risks which could affect Saint Jean's ability to complete the Transaction, the impact of general global economic conditions and the risk that they will deteriorate, industry conditions, including fluctuations in the price of supplies and the risk that they will increase, that required consents and approvals from regulatory authorities will not be obtained, that activity in the lump or vein graphite business will not be at the level or of the nature anticipated, liabilities and risks inherent in Saint Jean's operations, technical problems, equipment failure and construction delay.*

*Statements of past performance should not be construed as an indication of future performance. Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not such results will be achieved. A number of factors, including those discussed above, could cause actual results to differ materially from the results discussed in the forward-looking statements. Any such forward-looking statements are expressly qualified in their entirety by this cautionary statement.*

*All of the forward-looking statements made in this press release are qualified by these cautionary statements. Readers are cautioned not to place undue reliance on such forward-looking statements. Forward-looking information is provided as of the date of this press release, and Saint Jean assumes no obligation to update or revise them to reflect new events or circumstances, except as may be required under applicable securities laws.*