

Saint Jean Carbon Produce Single Layer Graphene

October 5, 2016, Oakville, Ontario, Canada – Saint Jean Carbon Inc. (“Saint Jean” or the “Company”) (TSX-V: SJL), a carbon science company engaged in the exploration of natural graphite properties and related carbon products, is pleased to announce the Company has produced two samples of single layer graphene (1) dispersion 20 mL, 0.1%, with pure 100 mL water and (2) a 50 mg of powder. The material was produced without any chemicals or any mechanical systems that would harm the high order of carbon structure and wettability. The material has been sent to National Research Council (see press release dated July, 26, 2016) and will be used to help set the national standard for graphene production and quality.

Paul Ogilvie, CEO, commented: “We are very pleased to have both the material of such high quality and the know how to produce one atom thick graphene with zero impurities and be the most conductive and strongest material in the world. This milestone takes us another step forward as we continue to develop faster and more efficient systems to produce the material. More and more research into graphene in lithium-ion batteries continues to make real progress around the world, the better we understand the needs, the better prepared we will be in the future”.

In simple terms, graphene, is a thin layer of pure carbon; it is a single, tightly packed layer of carbon atoms that are bonded together in a hexagonal honeycomb lattice. In more complex terms, it is an allotrope of carbon in the structure of a plane of sp² bonded atoms with a molecule bond length of 0.142 nanometres. Layers of graphene stacked on top of each other form graphite, with an interplanar spacing of 0.335 nanometres.

Graphene is the thinnest compound known to man at one atom thick; the lightest material known (with 1 square meter coming in at around 0.77 milligrams); the strongest compound discovered (between 100-300 times stronger than steel and with a tensile stiffness of 150,000,000 psi); the best conductor of heat at room temperature (at $(4.84 \pm 0.44) \times 10^3$ to $(5.30 \pm 0.48) \times 10^3 \text{ W} \cdot \text{m}^{-1} \cdot \text{K}^{-1}$) and also the best conductor of electricity known (studies have shown electron mobility at values of more than $15,000 \text{ cm}^2 \cdot \text{V}^{-1} \cdot \text{s}^{-1}$). Other notable properties of graphene are its unique levels of light absorption at $\pi\alpha \approx 2.3\%$ of white light, and its potential suitability for use in spin transport.

The Company plans on producing more graphene from the samples from the recent summer fieldwork. The Company is still waiting on the lab results of the summer work project (see press release dated, September 2016) and hopes to issue the results shortly.

Christian Derosier, P.Geo., PhD., is the qualified person (QP) as defined in National Instrument 43-101 and, acting on behalf of Saint Jean Carbon, has reviewed and approved the technical content of this news release.

About Saint Jean Carbon

Saint Jean is a publicly traded carbon science company, with interest in graphite mining claims in the province of Quebec in Canada. For the latest information on Saint Jean’s properties and news please refer to the website: <http://www.saintjeancarbon.com/>



50 mg of powder (2) in a dispersion 20 mL, 0.1%, with pure 100 mL water

On behalf of the Board of Directors
Saint Jean Carbon Inc.
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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.

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