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## **Saint Jean Carbon Completes its Helicopter-Borne Magnetic and Time-Domain Electromagnetic Surveys on the Bell Graphite Mine**

**July 11, 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 completed its Electromagnetic Surveys on the Bell Mine Graphite Property in Quebec.

Preliminary results from the helicopter-borne magnetic and TDEM surveys were received from Prospectair Geoservices from Gatineau, Quebec. The survey covered 129 linear kilometres of lines, which were flown at 100 m line spacing with orthogonal tie lines at 1000 m spacing. Lines were oriented East- West and were perpendicular to the stratigraphy.

The heli-borne magnetometer Geometrics G-822A was used. Both the ground and heliborne systems use a non-oriented (strap-down) optically-pumped Cesium split-beam sensor. These magnetometers have a sensitivity of 0.005 nT and a range of 15,000 to 100,000 nT with a sensor noise of less than 0.02 nT. The heliborne sensor is mounted in a bird made of non-magnetic material located 25 m below the helicopter when flying. Total magnetic field measurements are recorded at 10 Hz in the aircraft. The ground system is recording magnetic data at 1 sample every second. A GEM GSM-19 Overhauser magnetometer, a computer workstation and a complement of spare parts and test equipment serve as the base station. PROSPECTAIR established the base station in a secure location with low magnetic noise. The GSM-19 magnetometer has resolution of 0.01 nT, and 0.2 nT accuracy over its operating range of 20,000 to 100,000 nT. Its data output rate is 1 Hz.

Prospectair Geosurveys developed the ProspecTEM. It is a powerful lightweight system adapted for small size helicopters and easy manoeuvrability enabling the system to be flown as close to the ground as safely possible and ensuring maximum data resolution. Advanced signal processing technique and a full processing package was developed in house to optimize the ProspecTEM data. ProspecTEM system employs a transient or time-domain electromagnetic transmitter that drives an alternating current through an insulated electrical coil system. The towing bridle is constructed from a Kevlar rope and multi-paired shielded cables which are attached to the helicopter by a weak link assembly. An onboard harness with outboard connectors mounted on a plate allows for quick disconnection or connection of the exterior elements. The system uses a 4 KW generator and a large condenser to transmit alternating 2.75-ms half sine pulses with intervening off-times of 13.916-ms electric pulse, 60 pulses per second.

Christian Derosier, PGeo, PhD, commented: “In the northern part of the claims block, the survey recorded a ESE-WNW very strong conductive band lying parallel to the McNaughton Creek and north of an important vertical fault with an important vertical throw. This conductor is interpreted as a highly conductive clay accumulation (Leda Clays) deposited by the Champlain Sea and which may represent large volumes. Those clays are frequent in the Ottawa valley and along the Lievre river valley, which flow through Buckingham. The McNaughton Fault cuts the northern extension of the Bell mine mineralization.”

Several narrow and good conductors, with a N-S orientation, running parallel to the rock formation were picked-up by the TDEM and the magnetic survey in the eastern part of the property. More particularly, one excellent conductor is located near the old New Quebec Graphite Co’ workings.”

All the electromagnetic conductors will be verified on the ground with geophysical instruments, prospecting and trenching during this field season.

Paul Ogilvie, CEO, commented: “We are very encouraged by the results obtained. The Bell Mine property presents a good potential for flake and lump graphite mineralization that we are anxious to uncover. The survey has also been completed on the Walker Mine Property. The Company is waiting for the preliminary results which will be released later this week.”

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/>

On behalf of the Board of Directors  
**Saint Jean Carbon Inc.**  
Paul Ogilvie, CEO and Director

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