

OAKVILLE, ONTARIO--(Marketwired - Oct 20, 2016) - [Saint Jean Carbon Inc.](#) ("Saint Jean" or the "Company") (TSX VENTURE:SJL), a carbon science company engaged in the exploration of natural graphite properties and related carbon products, is pleased to announce the Company has received the final airborne results of the summer work program and will use the comprehensive data for the fall work program now underway. That includes three bulk samples, beep mapping and drilling.

Paul Ogilvie, CEO, commented: "As phase one is now completed, we are now into phase two of our property work program. The airborne results will help the Company by putting emphasis on the phase two surface work areas. We are pleased with the results and are encouraged to continue of four phase work program, and will continue to release the results as they become available."

[Link to view TDEM images of Bell and Walker Graphite Properties](#)

Additional preliminary results from the helicopter-borne magnetic and TDEM surveys were received from Prospektair 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.

Prospektair 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.

On the Bell Block of claims, two main corridors of more or less N-S oriented conductive lineaments are found and have been identified as prospective areas. The first area in the central part, hosts the past producing New Quebec Graphite Co mine while the past producing Bell Graphite mine stands in the second area. This prospective band runs parallel to the rock formation and is extending N-S over a distance of about 2 km in the eastern part of the property. This prospective band has never been drill tested and therefore represents a priority target.

The southern half of this area is particularly interesting as it hosts the strongest and most continuous EM conductors believed to be found in the bedrock, and should therefore be investigated in priority. The northern part of area is ambiguous and it is difficult to confirm if the sources are part of the bedrock or not. This part corresponds to flat clayish lands with farming.

On the Walker block of claims, three prospective areas have been defined. The first one is extending NE-SW over about one kilometre in the eastern part of the property. This area has been shown to contain several previously mined high-grade graphite veins.

The second prospective zone corresponds to the location of the past producing Walker mine. Recent sampling made in part of this area by Saint-Jean Carbon, showed the extension to the SW of the graphite mineralization.

The prospective area #3 consists in a wide corridor of N-S trending conductors usually sub-parallel to the magnetic grain, indicating that sources of interest may be present. However, this area is also mostly found in flat lowlands, where the background TDEM response is rather high, suggesting that conductive overburden is contributing to the response. Therefore, it is not clear if the conductive lineaments are rather related to bedrock conductors or to local thickening of Leda clay deposits. In fact, effects from both types of conductors may very well be present. As a consequence, it is recommended to perform a ground reconnaissance of the conductive area in search for outcrops that could help confirming the sources of anomalies.

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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