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FOR IMMEDIATE RELEASE

Volt Carbon Technologies Receives Notice of Allowance for Second U.S. Patent on Air Classifier Technology, Reports Graphene Achievement, and Announces Stock Option Grant

October 2, 2025, Calgary, AB, Canada – Volt Carbon Technologies Inc. ("Volt Carbon" or the "Company") (TSX-V: VCT) (OTCQB: TORVF), is pleased to announce significant updates relating to its intellectual property, graphene development program, and stock option grants.

Notice of Allowance for Second U.S. Patent

The United States Patent and Trademark Office ("USPTO") has issued a Notice of Allowance for U.S. Patent Application No. 18/782,462. This application is a continuation of the Company's previously issued U.S. Patent No. 12,172,192, in which additional aspects of the inventions were pursued in a continuation application to secure broader protection of the Company's proprietary air classifier technology. A Notice of Allowance means that the patent examiner has reviewed the patent application and determined it meets the requirements for patentability.

To complete the process, Volt Carbon must pay the required issue fee, after which the USPTO will assign a U.S. patent number and issue date. The Company views this continuation as expanding the scope of its air classifier protection for graphite processing and advanced material applications.

Graphene Oxide Production and Strength Testing

Volt Carbon has successfully produced reduced graphene oxide (rGO) from Berkwood flake graphite that was previously processed using the Company's proprietary air classifier and stored at its Guelph plant. That material was used to produce five-layer rGO sheets measuring up to ~16.5 microns wide, as confirmed through Transmission Electron Microscopy (TEM) imaging (Figure 1). The Chemical Engineering Department at the University of Waterloo independently verified the sheets as five-layer rGO, which were then incorporated into an epoxy matrix, the standard resin in aerospace carbon fiber composites, and fabricated into test coupons. Mechanical testing demonstrated a 40–60% improvement in mechanical properties compared to virgin epoxy. This strong performance is attributed to the large sheet dimensions of the five-layer rGO and is considered at the high end of improvements reported in scientific literature for graphene-reinforced epoxy systems.

These results highlight the potential for Volt Carbon's rGO to reinforce epoxy resins used in carbon fiber composites, addressing a key limitation of aerospace CFRPs such as brittleness and interlaminar cracking. By strengthening the matrix phase, Volt Carbon's material could enable lighter, tougher composite structures that extend aircraft range, improve fuel efficiency, and support next-generation aerospace design. These findings also position Volt Carbon to pursue partnerships in aerospace composites and advanced materials markets.

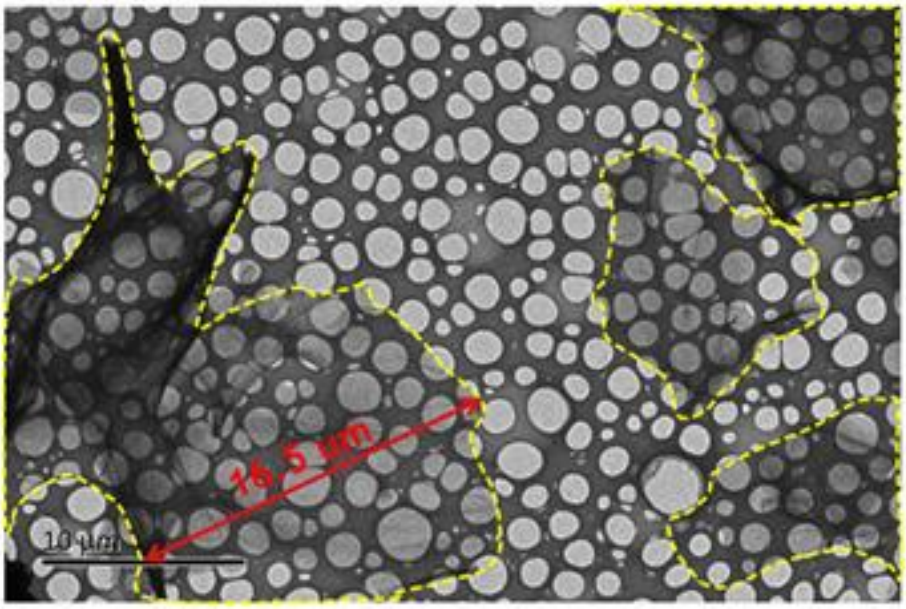

Figure 1, TEM Imaging of reduced Graphene Oxide Performed at University of Waterloo (spots in background are substrate)

Stock Option Grant

Pursuant to the Company's Stock Option Plan and in accordance with the policies of the TSX Venture Exchange, Volt Carbon has granted an aggregate of 6,500,000 stock options to certain officers, employees, and contractors of the Company. Each option is exercisable into one common share at a price of $0.05 per share for a term of five (5) years**,** will vest immediately upon grant**,** and remains subject to the approval of the TSX Venture Exchange.

"The allowance for the second patent further reinforces our air classifier technology platform," said V-Bond Lee, CEO, President and Chairman of Volt Carbon Technologies. "It broadens our protection and supports our strategy to scale and commercialize our graphite separation technology, while our graphene advancements highlight the wide-ranging applications of our purified graphite in batteries, composites, and advanced materials. The granting of stock options is a way to recognize and reward the dedication of our team employees, contractors, directors, and officers, whose efforts continue to drive Volt Carbon forward."

About Volt Carbon Technologies
Volt Carbon is a publicly traded carbon science company, with specific interests in energy storage and green energy creation, with holdings in mining claims in the provinces of Ontario, Quebec and British Columbia in Canada. For the latest information on Volt Carbon's properties and news please refer to the website www.voltcarbontech.com.

On behalf of the Board of Directors,

Volt Carbon Technologies Inc.
V-Bond Lee, P. Eng.
CEO, President, Chairman of the Board and Director

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FORWARD LOOKING STATEMENTS: This press release contains forward-looking statements, within the meaning of applicable securities legislation, concerning Volt'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'', "goals", "aims", ''anticipates'' or variations of such words and phrases or state that certain actions, events or results ''may'', ''could'', ''would'', ''might'', "will" or ''will be taken'', ''occur'' or ''be achieved''.

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. 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. Such statements include those with respect to: (i) management's belief that the Company is on track to receive a second U.S. patent covering additional claims related to its innovative air classifier process; (ii) the Company's view that the patent continuation will expand the scope of its air classifier protection into new claims for graphite processing and advanced material applications; (iii) the potential of Volt Carbon's graphene oxide to enable lightweighting in aerospace applications.; (iv) management's belief Volt Carbon is demonstrating a pathway to lighter, stronger structural materials that can extend aircraft range, improve fuel efficiency, and support next-generation aerospace design; (v) management's view that the testing results position Volt Carbon to pursue partnerships in aerospace composites and advanced materials markets; and (vi) the Company's strategy to scale and commercialize our graphite separation technology, while our graphene advancements highlight the wide-ranging applications of our purified graphite in batteries, composites, and advanced materials.

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 Volt assumes no obligation to update or revise them to reflect new events or circumstances, except as may be required under applicable securities legislation.