

# Mason Resources Highlights: Black Swan Graphene and Graphene Composites Initiate Commercial Partnership for Ballistic Protection

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Toronto, June 18, 2024 - [Mason Resources Inc.](#) (TSXV: LLG) (OTCQX: MGPHF) ("Mason") highlights the announcement from Black Swan Graphene Inc (TSXV: SWAN) (OTCQX: BSWGF) (FSE: R96) ("Black Swan" or the "Company"), of which Mason owns 39%: Black Swan and Graphene Composites Ltd. ("GC"), a leading advanced materials engineering company, are pleased to announce having initiated a commercial partnership for the supply of Black Swan's graphene used in the fabrication of GC Shield®, a patented ballistic protection technology ("GC Sheilds"). Furthermore, Black Swan is excited to report having received strong interest for its graphene enhanced masterbatch products (see press release dated April 30, 2024). Several promising initiatives involving high-profile customers are currently underway, and the Company expects to provide more details in the near future.

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GC Shields offer unparalleled, lightweight ballistic protection to the law enforcement and defense sectors. Utilizing advanced materials and GC's patented graphene-aerogel composite, these shields possess unique force dispersion capabilities providing protection against multiple shots, stacked rounds, and edge impacts, all while maintaining minimal back face deformation.<sup>1</sup> GC Shields are among the strongest, lightest, and most resilient ballistic shields on the market.

GC is currently extending the GC Shields technology using Black Swan's graphene to other applications, where the strength, resilience and lightweight of the composite can provide significant protection, including vehicle armour with certified STANAG Level-1 tests.<sup>2</sup>

Dr Steve Devine, Chief Technology Officer of GC, commented: "The quality, stability, and purity of the graphene produced by Black Swan, now utilized in the manufacture of GC Shields, ensure a highly stable product. Combined with their ISO-certified manufacturing processes, scalability, and competitive pricing, Black Swan offers significant reassurance regarding ongoing quality, cost, and production reliability within the supply chain."

Michael Edwards, Chief Operating Officer, of Black Swan, added: "We have been collaborating with Graphene Composites for some time and are delighted that their GC Shields products are being adopted in high-profile global safety applications. We look forward to continuing our partnership and developing further innovative solutions together."

GC Shields technology is protected by registered patents.

About Graphene Composites Ltd.

GC is an innovative advanced materials engineering company, driven by an ethos to create life-changing products. As a world leader in advanced and nano-materials research, development and design, we apply our expertise to a wide range of applications. We work with manufacturers to resolve key technical challenges by developing breakthrough solutions and incorporating our technologies to enhance existing product performance.

For more information, please visit: [www.graphenecomposites.com](http://www.graphenecomposites.com), or contact Carol Jarvest at +44 7786 855701 or [carol@graphenecomposites.com](mailto:carol@graphenecomposites.com).

#### About Black Swan Graphene Inc.

Black Swan is focused on the large-scale production and commercialization of patented high-performance and low-cost graphene products aimed at several industrial sectors, including concrete, polymers, Li-ion batteries, and others, which are expected to require large volumes of graphene. Black Swan aims to leverage the low cost and green hydroelectricity of the province of Québec as well as the proximity of the province's emerging graphite industry in order to establish an integrated supply chain, reduce overall costs, and accelerate the deployment of graphene usage. On March 27, 2023, Black Swan, Nationwide Engineering Research and Development Ltd. and Arup Group Ltd. ("Arup") announced strategic partnerships, establishing a fully integrated supply chain, and providing a turnkey solution for the construction and concrete industries. Arup is a multinational engineering consultancy headquartered in London, United Kingdom, with 18,000 experts working across 140 countries. Black Swan's graphene processing technology was developed by Thomas Swan & Co. Ltd. ("Thomas Swan") over the last decade. Thomas Swan is a United Kingdom-based global chemicals manufacturer, with a century-long track record and has been at the forefront of graphene innovation.

More information is available at: [www.blackswangraphene.com](http://www.blackswangraphene.com).

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#### About [Mason Resources Inc.](#)

[Mason Resources Inc.](#) is a Canadian investment corporation focused on the natural resource sector seeking to make strategic investments primarily in battery-related metals, precious and base metals, and green technologies.

The Company holds a significant ownership in [Nouveau Monde Graphite Inc.](#) (TSXV: NOU) (NYSE: NMG), a graphite development company in Quebec, Canada with multi-year offtakes from Panasonic Energy Co., Ltd. and General Motors Holdings LLC. The Company also is the largest shareholder of Black Swan Graphene Inc. (TSXV: SWAN) (OTCQB: BSWGF), a pioneer of large-scale production and commercialization of patented high-performance, low-cost graphene products. These innovations target diverse industrial sectors, including concrete, polymers, and Li-ion batteries. Lastly, Mason is a strategic shareholder of NorthX Nickel Corp. (CSE: NIX), which is advancing the Grasset Nickel property in Quebec as well as several nickel projects in Ontario.

[Mason Resources Inc.](#) on behalf of the Board of Directors  
Peter Damouni, President & Chief Executive Officer

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#### Forward-Looking Information

The information contained herein contains "forward-looking statements" or "forward-looking information" within the meaning of applicable securities legislation. Forward-looking statements or forward-looking information relate to information that is based on assumptions of management, forecasts of future results, and estimates of amounts not yet determinable. Any statements that express predictions, expectations,

beliefs, plans, projections, objectives, assumptions or future events or performance are not statements of historical fact and may be "forward-looking statements" or "forward-looking information". Forward-looking statements are subject to a variety of risks and uncertainties which could cause actual events or results to differ from those reflected in the forward-looking statements, including, without limitation: risks related to Mason's holding of the NMG, Black Swan and NorthX Nickel shares, risks related to the development of NMG's projects, risks related to Black Swan's and NorthX Nickel's business, risk related to the failure to obtain adequate financing on a timely basis and on acceptable terms; risks related to the outcome of legal proceedings; political and regulatory risks associated with the industry; risks related to the maintenance of stock exchange listings; risks related to environmental regulation and liability; the potential for delays in development activities or the completion of feasibility studies; the uncertainty of profitability; risks related to the inherent uncertainty of production and cost estimates and the potential for unexpected costs and expenses; results of feasibility studies, and the possibility that future results will not be consistent with Mason's expectations; risks related to commodity prices fluctuations; and other risks and uncertainties related to Mason's prospects, properties and business detailed elsewhere in Mason's disclosure record. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in forward-looking statements. Investors are cautioned against attributing undue certainty to forward-looking statements. These forward-looking statements are made as of the date hereof and Mason does not assume any obligation to update or revise them to reflect new events or circumstances, except in accordance with applicable securities laws. Actual events or results could differ materially from Mason's expectations or projections.

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1 - Back Face Deformation measures the extent to which the armor material deforms inward to the wearer. A minimal back face deformation is more effective in protecting against injuries caused by the force of the impact, even if the projectile is stopped.

2 - STANAG Level-1 Tests refers to a specific set of standards and testing protocols established by NATO (North Atlantic Treaty Organization) under the STANAG (Standardization Agreement) framework. STANAG Level 1 typically pertains to ballistic protection standards, ensuring that materials or equipment meet certain criteria for resisting impacts, such as bullets or shrapnel, to protect personnel.

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