

# Green Battery Minerals Reports Independent Lab Results of Volt Carbon's Dry Separated Graphite from Berkwood Graphite Project

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[Green Battery Minerals Inc.](#) ("Green" or the "Company") (TSX-V: GEM, FSE: BK2P, WKN: A2QENP OTC: GBMIF) is pleased to announce the independent lab results from ProGraphite GmbH, assessing the qualities of dry separated Graphite, extracted from the Berkwood bulk sample by Volt Carbon Technologies Inc. at its mineral processing facility.

Figure 1: Expandable Graphite: Left - Overview, Right - Close up.

ProGraphite GmbH, based in Germany, was contracted by GEM to analyze a 125g graphite sample (L#955) provided by Volt Carbon Technologies Inc. on July 1, 2024. The sample's particle size distribution was determined to be mostly -50+80 mesh. Test results indicated low moisture and volatile content, with a high carbon content of 98.2%. The conversion process to expandable Graphite was successful, achieving an expansion rate of 325 ml/g, indicating high-quality material. The carbon content remained high at 98.5% post-expansion, and the onset temperature for expansion was around 200°C, consistent with the sulfuric acid/potassium permanganate method. Overall, the graphite sample shows excellent potential for expandable graphite production.

ProGraphite's report summary states "This is an excellent result. In summary, it can be said that the material provided be easily and without problems converted into expanded Graphite. The expansion rate achieved (as the most important quality parameter) is at a high level, the Graphite seems to be very suitable to be used as precursor material for the production of expandable Graphite." ProGraphite recommends as a next step testing Volt's +50 mesh graphite as it believes that an additional 20% expansion can be achieved.

President and CEO of Green Battery, Tom Yingling, states, "These impressive results underscore the exceptional quality of our Berkwood graphite, positioning us strongly in the market for expandable graphite production. The potential for even higher expansion rates with further testing is particularly exciting and speaks to the superior quality and versatility of our Graphite. We are enthusiastic about the future and look forward to leveraging these advancements to create significant value for our shareholders and contribute to the growing demand for sustainable, high-performance graphite materials."

The test report will be released today on GEM's website at [www.greenbatteryminerals.com](http://www.greenbatteryminerals.com)

## About the Berkwood Graphite Project

The Berkwood Graphite Project is located in the Manicouagan Regional County Municipality, within Quebec's jurisdiction, three hours driving time from the city of Baie-Comeau. Easy access is provided via a major secondary road and numerous tertiary and forest roads that traverse the property.

The Zone 1 resource lies 8 km southwest of Nouveau Monde's (NYSE-NMG) deposit, which has a \$3.5 billion NPV. The Companies' Zone 1 resource and that of Nouveau Monde share many similar geological characteristics, with the Zone 1 resource being of exceptionally high grade and coarse flake size by global standards. Recently, Nouveau Monde successfully announced a \$150 million financing and offtake agreement with both General Motors and Panasonic.

The current mineral resource at the Berkwood Graphite Project includes in-pit constrained resources totaling 1,755,300 tonnes of indicated resources at 17.00 % Cgr and 1,526,400 tonnes in inferred resources at 16.39 % Cgr.

Table 2: In-pit Resource at Lac Gueret South Project (rounded numbers)

Current Resources (as of June 17, 2019)

Minerals Resources Category	Tonnage (Mt)	Grade (% Cgr)	Cgr (t)	Cut off
Indicated	1.76	17.0	299,200	6.81%
Inferred	1.53	16.4	250,200	6.81%

The mineral resource estimates above are described in the technical report entitled NI 43-101 Technical Report Mineral Resource Estimate on the Lac Gueret South Graphite Property, Quebec, Canada. It has an effective date of June 30, 2019, by Edward Lyons, PGeo., Florent Baril, ing., and Claude Duplessis, ing.

Link to Report:

[https://greenbatteryminerals.com/wp-content/uploads/ReportFINAL\\_compressed.pdf](https://greenbatteryminerals.com/wp-content/uploads/ReportFINAL_compressed.pdf)

QAQC Comments: All samples were collected by typical field methods according to CIM best practices, selected samples were collected by representative rock chips into numbered samples bags, a CRM sample was inserted at a ratio of 1 sample in 20 to the sample batch, field duplicates were additionally collected to confirm the outcrop geochemistry. All samples were submitted to SGS laboratories, results are currently pending.

About the Company: Green Battery Minerals is managed by a team with over 150 years collectively with a proven track record of not just finding numerous mines but building and operating them too. The Green Battery Mineral management team's most recent success is discovering the Berkwood graphite resource in Northern Quebec. Green Battery Mineral owns this asset 100 percent, and the Company's shareholders will benefit from this asset as the demand for Graphite for electric vehicles increases significantly.

On Behalf of the Board of Directors

Green Battery Minerals Inc.

'Thomas Yingling'

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**Disclaimer for Forward-Looking Information:** Certain statements in this document which are not purely historical are forward-looking statements, including any statements regarding beliefs, plans, expectations or intentions regarding the future. Forward looking statements in this news release include that the Company will carry out the drill program described in this news release, conduct the Offering and expend funds on Berkwood Graphite Project exploration. It is important to note that the Company's actual business outcomes and exploration results could differ materially from those in such forward-looking statements. Risks and uncertainties include that further permits may not be granted timely or at all; the mineral claims may prove to be unworthy of further expenditure; there may not be an economic mineral resource; methods we thought would be effective may not prove to be in practice or on our claims; economic, competitive, governmental, environmental and technological factors may affect the Company's operations, markets, products and prices; our specific plans and timing drilling, field work and other plans may change; we may not have access to or be able to develop any minerals because of cost factors, type of terrain, or availability of equipment and technology; and we may also not raise sufficient funds to carry out our plans. Additional risk factors are discussed in the section entitled "Risk Factors" in the Company's Management Discussion and Analysis for its recently completed fiscal period, which is available under Company's SEDAR profile at [www.sedar.com](http://www.sedar.com). No assurance can be given that any of the events anticipated by the forward-looking statements will occur or, if they do occur, what benefits the Company will obtain from them. These forward-looking statements reflect management's current views and are based on certain expectations, estimates and assumptions, which may prove to be incorrect. Except as required by law, we will not update these forward-looking statement risk factors.

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