Preliminary Economic Assessment – Investor Webinar

August 21, 2024 – Vancouver, BC, Canada *August 22, 2024 – Sydney, Australia*

Patriot Battery Metals Inc. (the "Company" or "Patriot") (TSX: PMET) (ASX: PMT) (OTCQX: PMETF) (FSE: R9GA) advises that Ken Brinsden, the Company's President, CEO and Managing Director, will host a live investor webinar today, to present the findings of the Preliminary Economic Assessment on the Shaakichiuwaanaan Project, reported in the announcement dated 21 August, "PEA Highlights Shaakichiuwaanaan Project as a Potential North American Lithium Raw Materials Supply Base".

Mr Brinsden will update investors on the key findings of the PEA, with the opportunity for investors, analysts and shareholders to submit questions via the online Q&A webinar portal following the completion of Mr Brinsden's presentation. Alternatively, **questions can be submitted in advance via email** to the Company's Investor Relations managers – Brad Seward (Australia/Asia) and Olivier Caza-Lapointe (North America/Europe).

Registration Details

The webinar will commence at **8.30am Australian Western Standard Time / 10.30am Australian Eastern Standard Time / 8.30pm Canadian Eastern Daylight Time** and will last approximately 45 minutes. Investors, shareholders and media can register to attend the webinar via the following link:

https://www.bigmarker.com/read-corporate/Patriot-Battery-Metals-TSX-PMET-ASX-PMT-Preliminary-Economic-Assessment-PEA-Confirms-Shaakichiuwaanaan-Project-as-a-Future-North-American-Lithium-Raw-M

A recording of the webinar will be released through Patriot's website and social media platforms for the benefit of investors in North American time zones.

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About Patriot Battery Metals Inc.

Patriot Battery Metals Inc. is a hard-rock lithium exploration company focused on advancing its district-scale 100%-owned Shaakichiuwaanaan Property (formerly known as Corvette) located in the Eeyou Istchee James Bay region of Québec, Canada, which is accessible year-round by all-season road and is proximal to regional powerline infrastructure. The Shaakichiuwaanaan Mineral Resource[1], which includes the CV5 & CV13 spodumene pegmatites, totals 80.1 Mt at 1.44% Li_2O Indicated, and 62.5 Mt at 1.31% Li_2O Inferred, and ranks as the largest lithium pegmatite resource in the Americas, and the 8th largest lithium pegmatite resource in the world. Additionally, the Shaakichiuwaanaan Property hosts multiple other spodumene pegmatite clusters that remain to be drill tested, as well as significant areas of prospective trend that remain to be assessed.

For further information, please contact us at info@patriotbatterymetals.com or by calling +1 (604) 279-8709, or visit www.patriotbatterymetals.com. Please also refer to the Company's continuous disclosure filings, available under its profile at www.sedarplus.ca and www.asx.com.au, for available exploration data.

This news release has been approved by the Board of Directors.

"KEN BRINSDEN"
Kenneth Brinsden, President, CEO, & Managing Director.

Competent Person Statement (ASX Listing Rule 5.22)

The information in this news release that relates to the Mineral Resource Estimate for the Shaakichiuwaanaan Project was first reported by the Company in a market announcement titled "Significant Mineral Resource Upgrade at Shaakichiuwaanaan Lithium Project to Underpin Impending PEA" dated August 5, 2024 (Vancouver time) and is available on the Company's website at www.patriotbatterymetals.com, on SEDAR+ at www.sedarplus.ca and on the ASX website at www.asx.com.au.

The Company confirms that, as of the date of this news release, it is not aware of any new information or data that materially affects the information included in this news release and that all material assumptions and technical parameters underpinning the Mineral Resource Estimate continue to apply and have not materially changed. The Company confirms that, as at the date of this news release, the form and context in which the competent person's findings are presented have not been materially modified from the original market announcement.

[1] Shaakichiuwaanaan (CV5 & CV13) Mineral Resource Estimate (80.1 Mt at 1.44% Li_2O and 163 ppm Ta_2O_5 Indicated, and 62.5 Mt at 1.31% Li_2O and 147 ppm Ta_2O_5 ppm Inferred) is reported at a cut-off grade of 0.40% Li_2O (open pit), 0.60% Li_2O (underground CV5), and 0.80% Li_2O (underground CV13) with an Effective Date of June 27, 2024 (through drill hole CV24-526). Mineral Resources are not Mineral Reserves as they do not have demonstrated economic viability.