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BCM APPOINTMENT CREATES ELITE RARE EARTH BOARD OF DIRECTORS

Brazilian Critical Minerals Limited (**ASX: BCM**) ("**BCM**" or the "**Company**") is pleased to announce that it has appointed ex-Meteoric Resources NL CEO Mr Nicholas Holthouse as a Non-executive Director.

Mr Holthouse is one of only a handful of people that has substantial rare earths experience across both hard rock and soft ionic clay rare earth environments. His extensive project development and mine operational background, combined with his broad understanding of the rare earths sector and Brazil, will provide BCM with invaluable insights and direction.

This appointment strengthens BCM's board, which is already highly experienced in rare earths, from mining to financing, and further supports the Company's vision to rapidly advance its unique in-situ recovery Ema project, which is currently conducting field trials.

The Company also advises that Mr Ben Donovan has resigned as a Non-Executive Director of BCM effective today following his appointment as an interim director.

Andrew Reid, Managing Director, commented:

"The appointment of Nick to the board is a huge coup for the Company and further validation of the direction in which the in-situ recovery Ema project has taken over the last several months. Nick's knowledge and experience are the perfect complement to the Company as it seeks to become one of the few rare earth projects able to be funded and executed during this low period of rare earth pricing.

We welcome Nick to the board as we now crack on with business as BCM positions itself as a leader capable of funding and executing rare earth projects, leveraging the extensive expertise of its team during the current market pricing challenges. We have commenced in-the-ground field injection trials in advance of commencing a feasibility study during 2025."

Nick Holthouse, commented:

"I am very excited to have the opportunity to join the highly experienced Brazilian Critical Minerals Board at this pivotal moment in the rare earth elements industry.

I look forward to being part of BCM's progress and continued success at this time of escalating demand for rare earth elements that drive energy, technological, sustainability, and national security advancements."

This announcement has been authorised for release by the Board of Directors.

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Enquiries

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Brazilian Critical Minerals Limited (BCM) is a mineral exploration company listed on the Australian Securities Exchange.

Its major exploration focus is Brazil, in the Apuí region, where BCM has discovered a world class Ionic Adsorbed Clay (IAC) Rare Earth Elements deposit. The Ema IAC project is contained within the 781 km² of exploration tenements within the Colider Group and adjacent sediments.

BCM has defined an indicated and inferred MRE of 943Mt of REE's with metallurgical recoveries averaging 68% MREO, representing some of the highest for these types of deposits anywhere in the world.

The Company has converted the MRE central portion from Inferred into the Indicated category with an extensive drill program during 2024 which has underpinned the scoping study and economic analysis released in February 2025.



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Ema REE Global Mineral Resource Estimate @COG 500ppm TREO

| JORC | cut-off | Tonnes | TREO | NdPr | DyTb | MREO | MREO: TREO |
|-----------|----------|--------|------|------|------|------|------------|
| Category | ppm TREO | Mt | ppm | ppm | ppm | ppm | % |
| Indicated | 500 | 248 | 759 | 176 | 16 | 192 | 25 |
| Inferred | 500 | 695 | 701 | 165 | 16 | 181 | 26 |
| Total | 500 | 943 | 716 | 168 | 16 | 184 | 26 |

The information in this announcement relates to previously reported exploration results and mineral resource estimates for the Ema Project released by the Company to ASX on 22 May 2023, 17 July 2023, 19 July 2023, 31 July 2023, 13 Sep 2023, 19 Oct 2023, 06 Dec 2023, 06 Feb 2024, 22 Feb 2024, 13 Mar 2024, 02 Apr 2024, 08 Oct 2024 19 Nov 2024, 21 Jan 2025, 17th Feb 2025, 26th Feb 2025, 10th March 2025, 13th March 2025 and 28th April 2025. The Company confirms that is not aware of any new information or data that materially affects the information included in the above-mentioned releases.