

9 October 2023

## Experienced, Lithium-Focused Geologist Joins the Board to Support Resource Growth at Mavis Lake

### Highlights

- Critical Resources appoints highly experienced geologist and mining executive Mr Nigel Broomham as a Non-Executive Director.
- Mr Broomham was previously Head of Geology at Pilbara Minerals where he was responsible for exploration, resource development and production at the world-class Pilgangoora Lithium Operation in WA.
- Mr Broomham will support Critical Resources in delivering its Resource growth strategy centered on the Mavis Lake Lithium Project in Ontario, Canada.
- Critical Resource is currently engaged in an active exploration and drilling program to build on the Maiden Resource of 8Mt @ 1.07% Li<sub>2</sub>O.

Lithium exploration and project development company Critical Resources Limited **ASX:CRR** ("Critical Resources" or "the Company") is pleased to announce the appointment of senior geologist and highly experienced lithium professional, Nigel Broomham, as a Non-Executive Director.

Mr Broomham has over 12 years of experience, principally in hard rock lithium exploration, resource development and operations. He was most recently Head of Geology at ASX-100 lithium producer Pilbara Minerals, where he was extensively involved in the exploration and development of the world-class Pilgangoora Lithium-Tantalum Project in the Pilbara region of Western Australia. During his tenure at Pilbara Minerals, he led the geology team from exploration through to production.

In his current role as the General Manager – Exploration for Battery Age Minerals, Mr Broomham has gained considerable experience in hard-rock lithium exploration in Canada.

Mr Broomham holds a Bachelor of Science (Hons), Geology and Resource Economics from the University of Western Australia and is a member of AusIMM and the Australian Institute of Geoscientists (AIG).

### Critical Resources' Managing Director, Alex Cheeseman, said:

*"We are delighted to have someone of Nigel's pedigree and technical expertise join the Critical Resources Board."*

### Critical Resources Limited

ABN 12 145 184 667  
ASX:CRR

Level 45, 108 St Georges Terrace, Perth WA 6000  
P. +61 9389 4499 W. [criticalresources.com.au](http://criticalresources.com.au) E. [info@criticalresources.com.au](mailto:info@criticalresources.com.au)



*"The Company is delivering on its exploration efforts to grow the Mavis Lake Resource and Nigel's experience and technical support to the Board and Management will be invaluable in helping us to take the Project to the next level."*

*"Having known Nigel professionally for a number of years, his enthusiasm and attitude is well aligned to the Critical Resources' Board, and his technical experience adds considerable capacity to support a number of strategic objectives that will help drive shareholder value."*

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

-ends-

## For further information please contact

### Alex Cheeseman

Managing Director

**E:** [info@criticalresources.com.au](mailto:info@criticalresources.com.au)

**P:** +61 (8) 9389 4499

### Nicholas Read

Read Corporate

**E:** [nicholas@readcorporate.com.au](mailto:nicholas@readcorporate.com.au)

**M:** +61(0)419 929 046

**ABOUT CRITICAL RESOURCES LIMITED** Critical Resources is advancing and developing critical metals projects for a decarbonised future. The Company holds a suite of lithium prospects across Ontario, Canada, including Mavis Lake, Graphic Lake, Plaid and Whiteloon Lake. The Company's other projects include a copper project in Oman, and a base metals project in Halls Peak NSW, Australia.

The Company's primary focus is the rapid development of its flagship Mavis Lake Lithium Project. Mavis Lake is an advanced exploration project with near-term development potential. The Company completed over 19,500m of drilling in 2022 and has commenced another significant drilling program in 2023. In early 2023, Critical Resources released its maiden JORC Code 2012 Compliant Inferred Mineral Resource Estimate (MRE) for Mavis Lake with 8.0Mt at 1.107% Li<sub>2</sub>O – making Critical Resources just one of two ASX-listed companies with a JORC Code 2012 compliant mineral resource in Ontario. In parallel with continued Resource growth, the Company has also commenced initial studies that will underpin the transition from explorer to developer.

**FORWARD LOOKING STATEMENTS** This announcement may contain certain forward-looking statements and projections. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. Forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved. Critical Resources Limited does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward-looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither Critical Resources Limited or any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement.

**COMPLIANCE STATEMENT** This announcement contains information regarding the Mavis Lake Mineral Resource Estimate extracted from ASX market announcement dated 5 May 2023 and reported in accordance with the 2012 JORC Code and available for viewing at [criticalresources.com.au](http://criticalresources.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in any original announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed.