

Critical Expands Mavis Lake Land Holding Across Key Structural Corridors

- Critical has taken advantage of recently vacated prospective corridors to **strategically expand the Mavis Lake Lithium Project with the addition of ~80 km² of claims.**
- The Mavis Lake Project area has increased to over **400 km², securing a dominant land position over highly prospective geology in northwestern Ontario.**
- Newly staked claims are an **extension of key structural mineralised corridors** within the Mavis Lake project, which are highly prospective for lithium, gold, and base-metals.
- Significant exploration investment across the Mavis Lake Lithium Project since 2023 provide **sufficient assessment credits to maintain the Company's land holding in good standing** for multiple years, minimising ongoing expenditure requirements.
- This expansion leverages current lithium market dynamics and positions CRR to **capitalise on the next lithium-market up-cycle** while maintaining exposure to multi-commodity upside.

Critical Resources Limited ('Critical Resources' or the 'Company', ASX:CRR) is pleased to announce the staking of 438 additional claim cells, adding approximately 80 km² (8,000 ha) to the Mavis Lake Lithium Project in North-Western Ontario – Canada (**Figure 1**)(**Appendix A**). The newly staked claims increase the Mavis Lake Lithium Project area to ~400 km² and extends key structural corridors within the project considered prospective for spodumene-bearing pegmatites, and orogenic gold mineralisation.

Critical Resources' Managing Director, Mr. Tim Wither, commented *'The countercyclical opportunity to stake these additional claims secures a dominant land position over highly prospective geology. The strategic decision secures future growth resource potential across the Mavis Lake Lithium Project. For shareholders, Mavis Lake stands as one of Ontario's significant lithium assets, with scale potential, grade, and access to world-class transport and power utility infrastructure, positioning Mavis Lake to play a key role in North America's lithium supply chain.'*

'This expansion increases the Mavis Lake Project's area to over 400 km². The new claims extend key structural corridors within the project, which are considered favourable for spodumene-bearing pegmatites and orogenic gold systems, similar to those already identified across Mavis Lake Project. Historical mapping and regional geophysical data indicate the presence of extensive fault-bounded volcanic-sedimentary packages, many of which have had no modern exploration, highlighting the project's potential for additional discoveries.'

'The expansion was completed through direct staking, providing a cost-effective means of acquiring new ground. This increases Critical Resources' exploration potential without significant expenditure. Previous exploration and development investments into Mavis Lake provide sufficient assessment credits to keep the Company's tenements in good standing for multiple years. This makes the holding costs across the entire tenement package very efficient, allowing the Company to focus on low-cost value-adding activities to prepare Mavis Lake for the next lithium cycle.'

Strategic Expansion for Long-Term Growth

The newly staked claims are highly prospective ground for lithium, gold, and base-metal mineralisation. This strategic expansion strengthens the Company's dominant land position within the Eagle–Wabigoon–Manitou Greenstone Belt, a proven metallogenic province that hosts numerous lithium-bearing pegmatite fields, as well as gold and polymetallic systems.

The newly acquired ground lies along key structural corridors interpreted to be favourable for spodumene-bearing pegmatite emplacement and orogenic gold systems similar to those already identified within the existing project area. Historical mapping and regional geophysical datasets highlight extensive fault-bounded volcanic–sedimentary packages with limited modern exploration, offering excellent discovery potential.

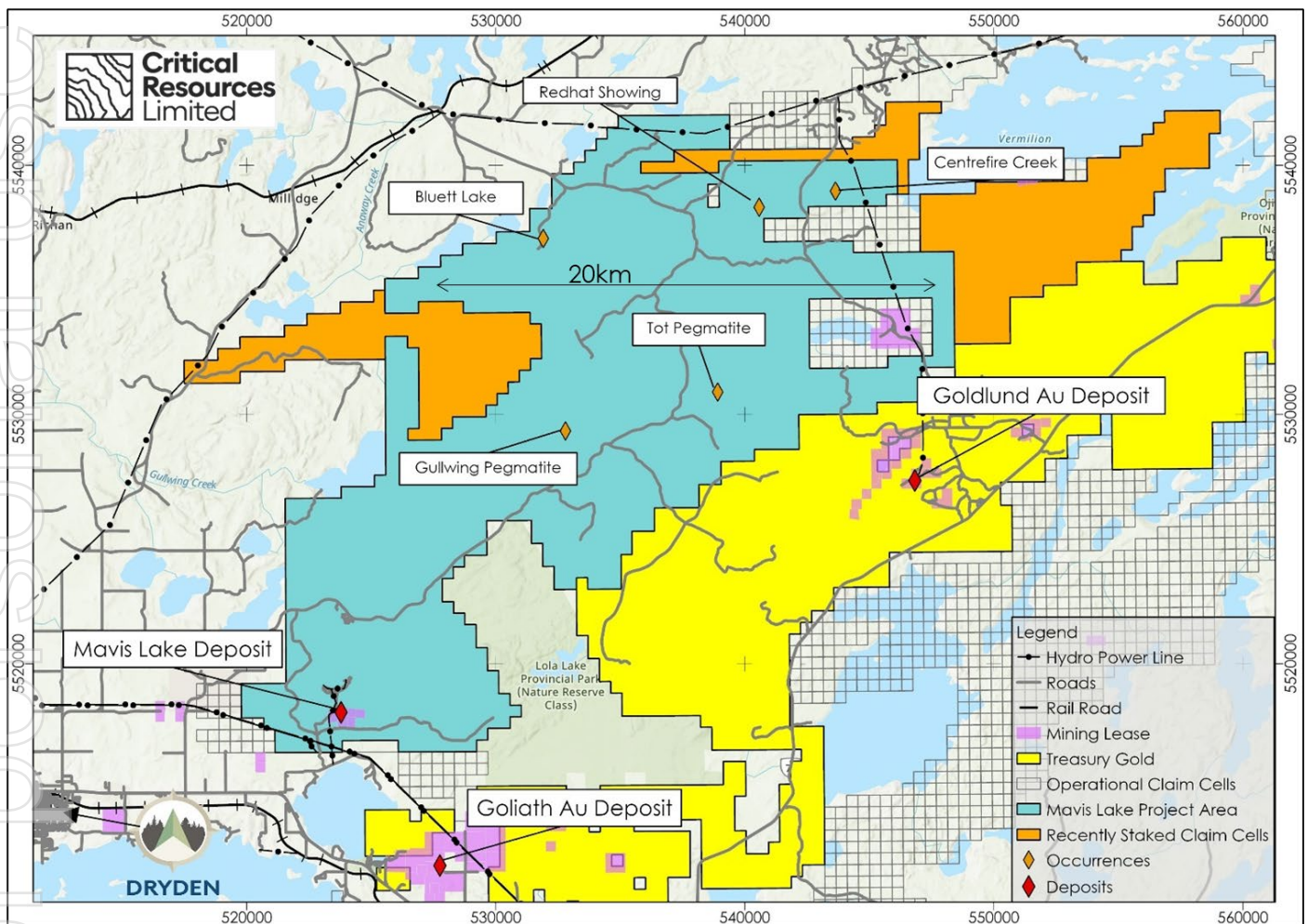


Figure 1 – Mavis Lake Project Area Map showcasing newly staked claim cells and locations of key Deposits and Occurrences.

Cost-Effective, Value-Accretive Growth

This land expansion was achieved through direct staking, representing the most cost-effective method of acquiring new ground. The addition of 8,000 hectares comes at minimal cost while significantly broadening the Company's exploration pipeline.

Importantly, Critical Resources' previous exploration expenditures at Mavis Lake, which include over 58,000 metres of drilling, metallurgical testing, geophysical surveys, and environmental baseline programs, provide sufficient assessment credits to keep the newly staked claims in good standing for multiple years. This ensures that the expanded tenement package remains low-cost and easily manageable, allowing the Company to continue building value through strategic, low-cost value adding activities rather than high holding costs.

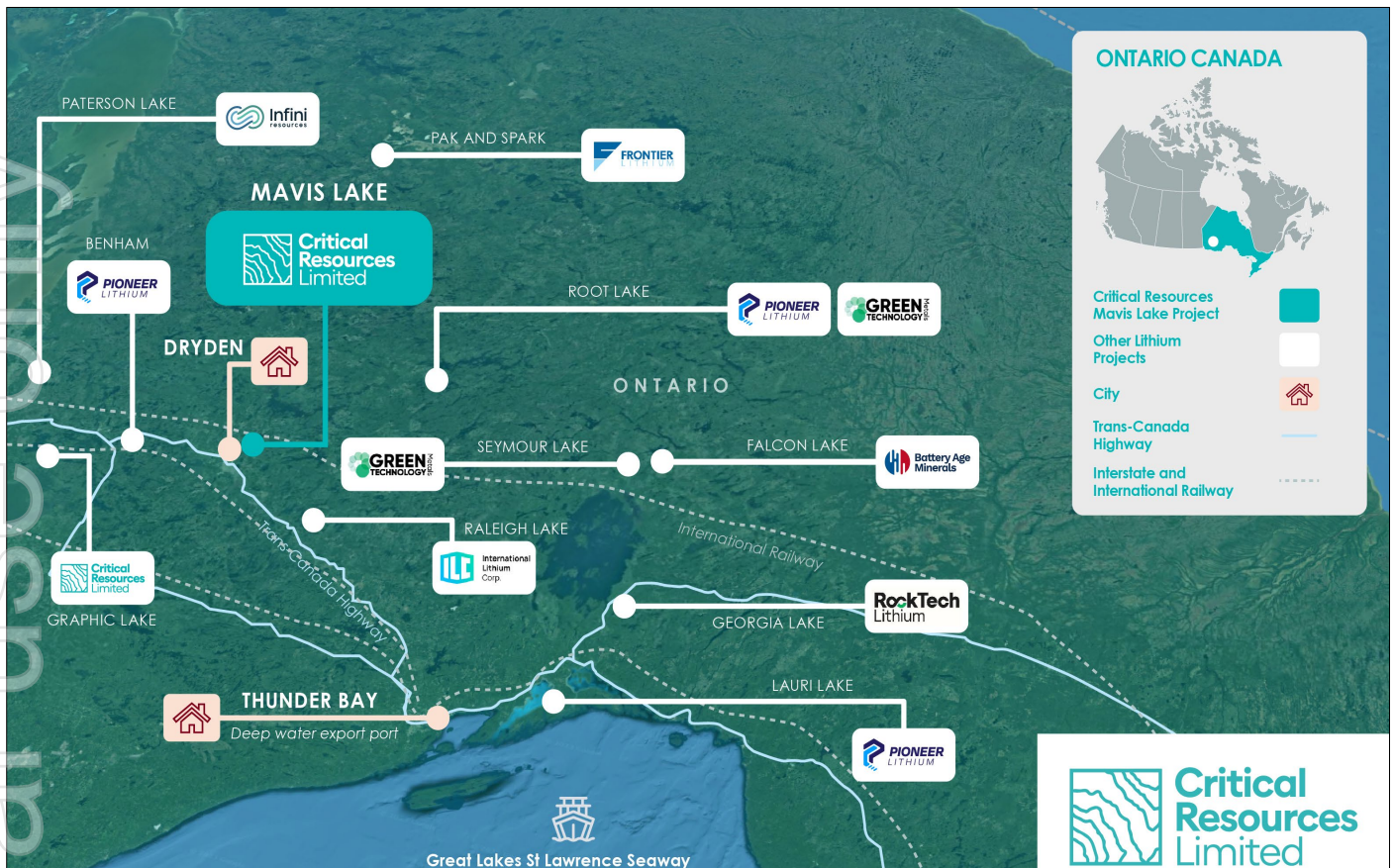


Figure 2 – Location of Critical Resources Mavis Lake project with surrounding lithium prospects.

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

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ABOUT CRITICAL RESOURCES LIMITED

Critical Resources Limited (ASX:CRR) is a gold-antimony-lithium explorer with assets in Canada, Australia and New Zealand. The flagship Mavis Lake Lithium Project in Ontario, Canada anchors the battery metals focus, complemented by the Halls Peak gold-antimony and base metals projects in New South Wales, Australia and gold-antimony projects centered in the Otago region, New Zealand. This diversified portfolio positions the Company to create value through critical minerals supply chain, with exposure to the rising gold market.

The Company's Mavis Lake Lithium Project, located in Ontario, Canada has defined a maiden inferred resource of 8 million tonnes at 1.07% Li₂O, with significant potential to expand this resource.

The Halls Peak Base Metals Project is located ~87km south-east of Armidale, New South Wales, Australia. The Company has defined a maiden Inferred Mineral Resource of 884,000t @ 3.7% Zn, 1.5% Pb, 0.4% Cu, 30g/t Ag and 0.1g/t Au. The Halls Peak Project area includes two advanced antimony-gold prospects – Mayview and Amoco.

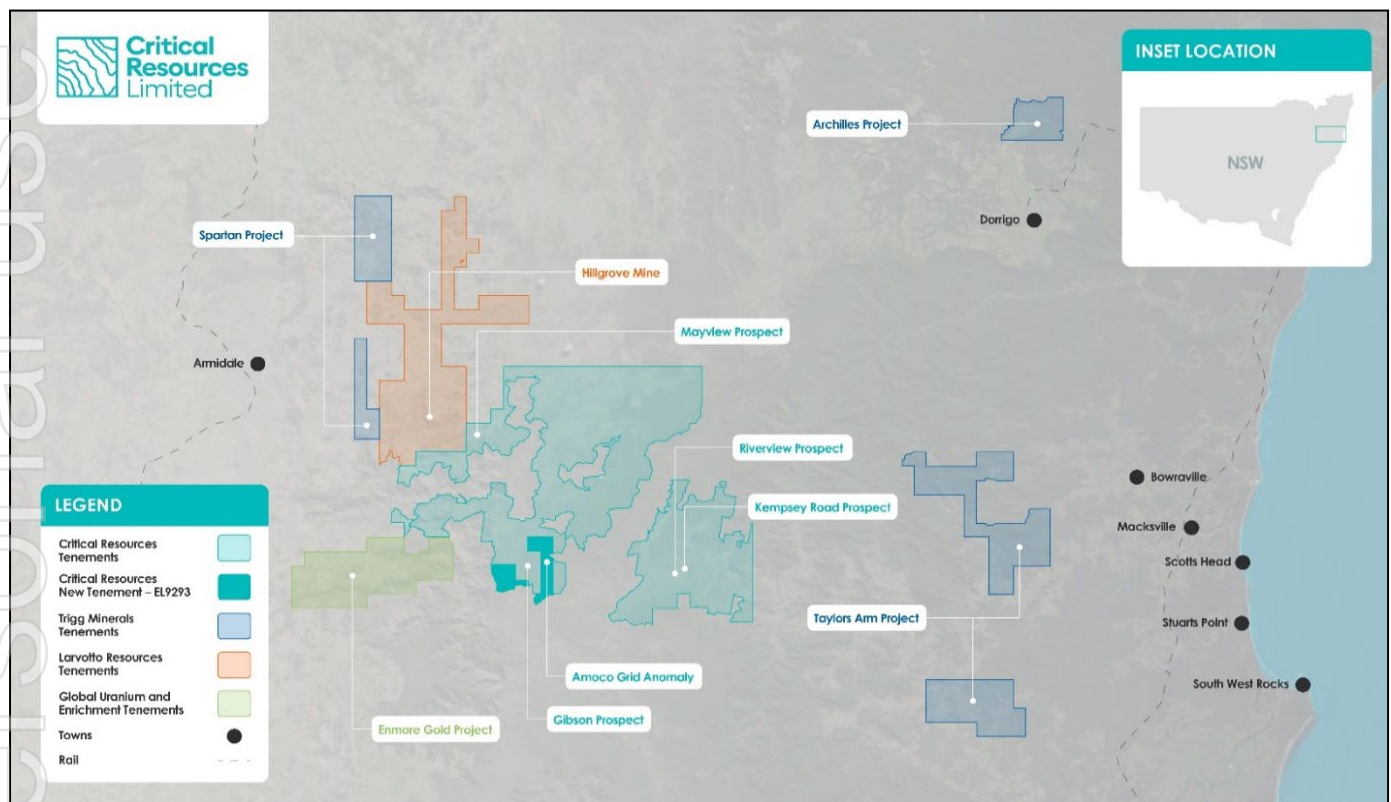


Figure 3 - Project Location map showing Halls Peak project area proximity to significant Antimony-Gold projects in the Armidale region, NSW, Australia.

Halls Peak – Gibson Base Metals Project - Mineral Resource Estimate

Halls Peak Project JORC Classification	Zn Cut-Off grade (%)	Tonnage (Mt)	Zn (%)	Pb (%)	Cu (%)	Ag ppm (g/t)	Au ppm (g/t)
Indicated	-	-	-	-	-	-	-
Inferred	2.0	0.84	3.7	1.5	0.44	30	0.1
Total*	-	0.84	3.7	1.5	0.44	30	0.1

*Reported at a cut-off grade of 2% Zn for an open pit mining scenario. Estimation for the model is from the generation of a rotated block model, with blocks dipping 55° > 330°. Classification is according to the JORC Code Mineral Resource categories. Refer to the ASX:CRR announcement 30 June 2023.

Mavis Lake Lithium Project - Mineral Resource Estimate

Mavis Lake -Lithium Project JORC Classification	Li ₂ O Cut-Off grade (%)	Tonnage (Mt)	Li ₂ O (%)
Inferred	0.3	8.0	1.07
Total*		8.0	1.07

*Reported at a cut-off grade of 0.30% Li₂O for an open pit mining scenario. Estimation for the model is by inverse distance weighting. Classification is according to the JORC Code Mineral Resource categories. Refer to ASX:CRR announcement 5 May 2023.

COMPETENT PERSON STATEMENT

The information in this ASX Announcement that relates to Exploration Results is based on, and fairly represents, information compiled by Mr. Troy Gallik, P.Geo., who is a Competent Person and a member of the Association of Professional Geoscientists of Ontario. Mr. Gallik is a full-time employee of Critical Resources Ltd. Mr Gallik has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Mr. Gallik has reviewed the available historical data referenced in this Announcement and considers it to be reliable in the context in which it is reported. Mr. Gallik consents to the inclusion in this Announcement of the matters based on his information in the form and context in which it appears.

PREVIOUSLY REPORTED INFORMATION

This document contains information relating to the Mineral Resource estimate for the Mavis Lake Lithium Project, which is extracted from the Company's ASX announcement dated 5 May 2023 and reported in accordance with the 2012 JORC Code and available for viewing at criticalresources.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply and have not materially changed.

This information in this ASX Announcement that relates to the Halls Peak Mineral Resource Estimate is extracted from the ASX market announcement dated 30 June 2023 and reported in accordance with the 2012 JORC Code and available for viewing at 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.

This announcement contains information on the Mavis Lake Project extracted from ASX market announcements dated 25 October 2021, 16 June 2022, 21 July 2022, 13 September 2022, 25 October 2022, 31 October 2022, 20 December 2022, 23 January 2023, 9 February 2023, 27 March 2023, 3 April 2023, 16 June 2023, 27 June 2023, 17 July 2023, 24 July 2023, 21 August 2023, 13 September 2023, 19 September 2023, 19 October 2023, 24 October 2023, 2 November 2023, 15 November 2023, 13 February 2024, 18 March 2024, 17 April 2024, 2 May 2024, 22 May 2024, 29 May 2024, 2 July 2024, 8 July 2024, 24 July 2024, 22 August 2024, 28 October 2024, 30 October 2024, 2 December 2024 and 27 June 2025 reported in accordance with the 2012 JORC Code and available for viewing at www.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 ASX market announcement.

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/projections 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.

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