



## Critical Minerals Group Progresses Metallurgical Test Work for Flowsheet and HPA Potential at Lindfield Vanadium Project

### Key Highlights

- Metallurgical test work has commenced in preparation for a processing flowsheet in relation to the Lindfield Project
- Test work has also commenced to determine suitability of ore from Lindfield Project as a feedstock for High Purity Aluminium (HPA)
- Exploration Permit for Minerals (EPM) 28631 has been granted to CMG. EPM 28631 forms CMG's "Whinmoor Project" and is considered prospective for Vanadium and HPA

Critical Minerals Group Limited (**ASX: CMG, Critical Minerals Group, CMG** or the **Company**) is pleased to report on key metallurgical testing progress on a number of its exploration projects across its portfolio including where works are currently underway and/or are awaiting results prior to the next phase of work commencing.

### Lindfield Project Test Work

CMG is pleased to announce the commencement of the metallurgical test work programs. Work will be conducted to test the ore derived from the maiden drilling program in 2022 to determine the most efficient processing flow sheet for the **Lindfield Project** (EPM 27872). Additional work will also be undertaken by a laboratory specialising in HPA production and technology, to demonstrate whether the ore can be used for HPA production.

### Whinmoor Project

CMG is pleased to announce that it has received notification from the Queensland Department of Resources that EPM 28631, forming the **Whinmoor Project**, has been granted to CMG's wholly owned subsidiary CMG 3 Pty Ltd for a five year term.

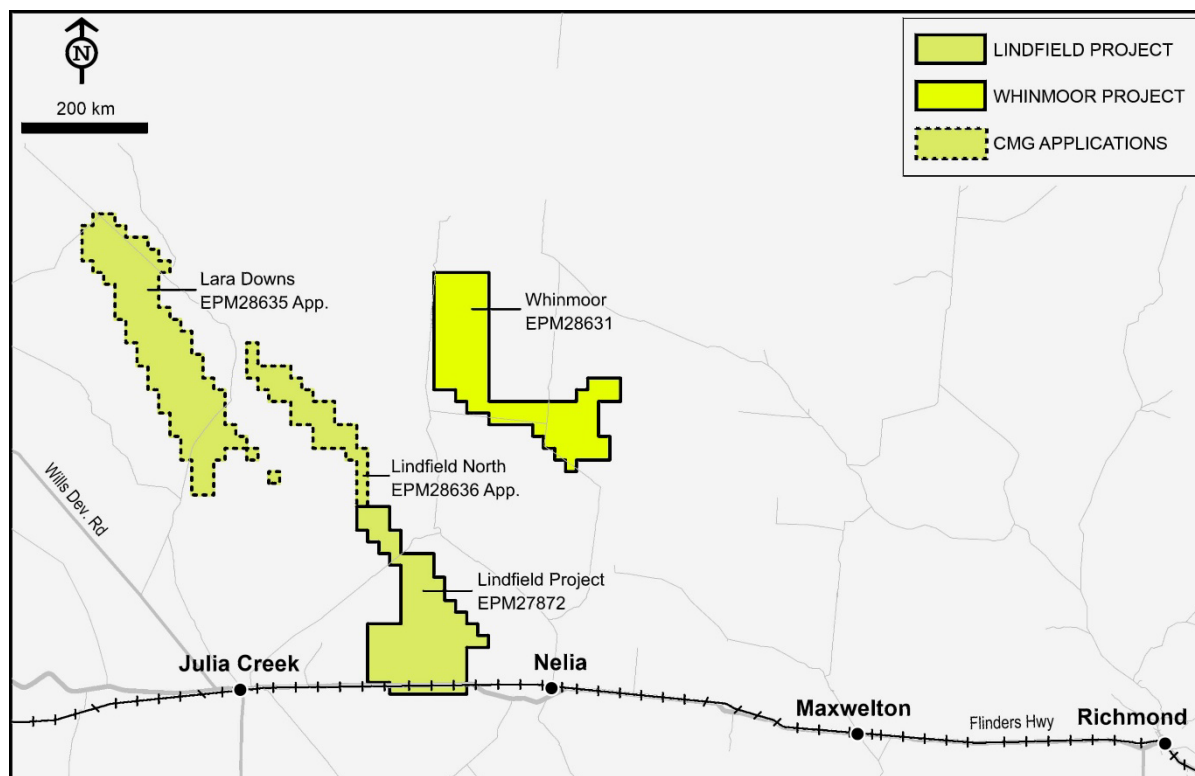
Project Name	Tenement	Holder	Area	Location	Target minerals	Term
Whinmoor	EPM 28631	CMG 3 Pty Ltd  (100% interest)	100 sub-blocks	60km North of Julia Creek	Vanadium and High Purity Aluminium	5 years  (23 January 2023 to 22 January 2028)



The Whinmoor Project is located within close proximity to CMG's flagship project, the Lindfield Project, located near Julia Creek in Northwest Queensland.

CMG intends to expand on exploration by previous explorers and known extensions to Vanadium mineralisation in CMG's already defined JORC resource (Inferred 210mt 0.39% V<sub>2</sub>O<sub>5</sub>) of its Lindfield Project (refer to ASX Announcement dated 19 October 2022 and Prospectus dated 25 May 2022).

### **Whinmoor Project Location Map**



CMG Managing Director Scott Drelincourt says. *"We are excited to commence this metallurgical test work which is an important phase in the development of the Lindfield Project. The ability to conduct metallurgical testing at this stage of the project advances the value of the project significantly as flow sheet design will also impact mining planning and ore treatment. This activity illustrates that work at the Lindfield Project is advancing well.*

*Further, the granting of the significant area under the EPM at the Whinmoor Project will certainly look to further bolster the company's resource base around its flagship Lindfield Project."*

This announcement was approved by the board.

**For more information:**

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**Competent Person Statements**

The information in this announcement that relates to the exploration results, exploration targets and mineral resources for the Company's Lindfield Project was first reported by the Company in the Company's prospectus dated 25 May 2022 (**Prospectus**). The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus, and in the case of exploration results, exploration targets and mineral resources, that all material assumptions and technical parameters underpinning the estimates in the Prospectus continue to apply and have not materially changed.

**Previously Reported Information**

Any information in this announcement that references previous exploration results is extracted from previous ASX Announcements made by the Company.

**Forward-Looking Statement**

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although the Company believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.