



Quarterly Activities Report for the period ending 31 December 2022

Key Highlights

- Critical Minerals Group Limited completed its maiden drilling programme at its flagship project, the “Lindfield Project”.
- Tenements at the “Figtree Creek Project” and “Lorena Surrounds Project” were granted.
- Tenements were applied for in relation to new projects known as the “Whinmoor Project”, “Lara Downs Project” and “Lindfield North Project”.

Critical Minerals Group Limited (**ASX:CMG, Critical Minerals Group, CMG** or the **Company**) is pleased to provide shareholders with the following update in relation to the Company’s activities for the quarter ended 31 December 2022 (**Quarter**).

Corporate

The Company and its wholly owned subsidiaries (the **Group**) was formed with the principle focus to identify, secure, fund exploration and develop prospective critical mineral projects that are required for the renewable energy transition. As at the end of the Quarter, the Group holds a tenement for a vanadium resource project in the renowned vanadium resource district of Julia Creek, Queensland (**Lindfield Project**) and secured tenements for copper exploration prospects in the renowned copper bearing district of Cloncurry, Queensland (**Figtree Creek Project** and **Lorena Surrounds Project**). The Group also applied for three new tenements all located in close proximity or adjacent to the Lindfield Project, located near Julia Creek, Queensland (**Whinmoor Project, Lara Downs Project** and **Lindfield North Project**).

The Group has prepared a two (2) year exploration and development programme to progress the Lindfield, Figtree Creek and Lorena Surrounds Projects which was included in the prospectus dated 25 May 2022 (**Prospectus**) for the Company’s initial public offering and successful listing on the ASX on 27 September 2022 (**Listing**) and which will be undertaken by the Group in the two (2) years following its Listing.

Annual General Meeting

The Company held its annual general meeting of shareholders on Thursday 24 November 2022 at 1.30pm (AEST) by virtual means and at the office of PKF Brisbane, Level 6, 10 Eagle Street, Brisbane 4000. All resolutions put to the meeting were passed on a poll.

ASX Announcements during the Quarter

The ASX announcements made during the Quarter can be found on the Company’s website at <https://www.criticalmineralsgroup.com.au/> and are listed below:



12 December 2022	Initial Director's Interest Notice
7 December 2022	CMG - Appointment of Director
2 December 2022	Resignation of CFO
25 November 2022	Initial Director's Interest Notice
24 November 2022	Appointment of new director
24 November 2022	Amended Constitution
24 November 2022	Results of Meeting
24 November 2022	2022 AGM Presentation
8 November 2022	Noosa Mining Investor Conference Presentation
8 November 2022	CMG presenting at Noosa Mining Investor Conference
2 November 2022	Completion of drilling at Lindfield Vanadium Project
2 November 2022	Change in substantial holding
28 October 2022	Figtree Creek and Lorena Surrounds Tenements Granted
28 October 2022	Change of Address
27 October 2022	Company Presentation - October 2022
27 October 2022	Investor Webinar Invitation
25 October 2022	Quarterly Activities/Appendix 5B Cash Flow Report
24 October 2022	Notice of Annual General Meeting/Proxy Form
19 October 2022	New Tenement Applications
12 October 2022	Ceasing to be a substantial holder
12 October 2022	Commencement of Drilling at Lindfield Vanadium Project

Financial Commentary

The Quarterly Cashflow Report (Appendix 5B) for the Quarter provides an overview of the Company's financial activities.

Exploration expenditure for the current period was \$285,312. Corporate and other expenditure amounted to \$390,944.

In line with its obligations under ASX listings rule 5.3.5, the total amount paid to directors and their associates in the period (item 6.1 of the Appendix 5B) was \$234,146 and includes the executive director's salary (totally \$61,615 including superannuation), non-executive directors' fees (totally \$28,795 excluding GST) and office rent, expenses related to capital raising and other expenses of \$143,735.



Quarterly Expenditure Review Compared with Prospectus Use of Funds

Exploration expenditure for the Quarter was \$285,312. These activities are in line with the use of funds disclosed in the Prospectus.

Use of Funds	As per the Prospectus (for the 2-year period post Listing)	Actual expenditure for the Quarter	Actual expenditure for year to date
Lindfield Project (EPM 27872)			
Earthworks (Drill sites and access)	60,000.00	16,731.68	16,731.68
Maiden Drilling	525,000.00	268,580.43	286,746.11
Geological Model & JORC Resource update	85,000.00	-	-
Metallurgy Test Work	300,000.00	-	-
Lab Pilot Plant Test Work	590,000.00	-	-
Infill Drilling	265,000.00	-	-
Hydrogeological Survey	160,000.00	-	-
Geo-tech Works	145,000.00	-	-
Baseline Environmental Works	135,000.00	-	-
Scoping Study	250,000.00	-	-
Project Total	2,515,000.00	285,312.11	303,477.79
Figtree Creek Project (EPM 27998)			
Native Title	15,000.00	-	-
Desktop Studies	40,000.00	-	-
Project Total	55,000.00	-	-
Lorena Surrounds Project (EPM 27999)			
Native Title	15,000.00	-	-
Desktop Studies	45,000.00	-	-
Project Total	60,000.00	-	-
SUB-TOTAL	2,630,000.00	285,312.11	303,477.79
Expenses of the offer outstanding at date of Prospectus	643,022.60	-	274,000.00
Working Capital	1,909,047.67	390,944.05	771,788.08
Total	5,182,070.27	676,256.16	1,075,265.87

The Company is well placed to meet the next quarter's exploration commitments and planned work programs with \$3,704,244 cash in the bank as of 31 December 2022.



Company Projects

Lindfield Project (EPM 27872)

The Lindfield Project comprises Queensland exploration permit for mining (**EPM**) 27872 and consists of 92 sub-blocks, covering 295km². The Lindfield Project is located approximately 30km north-east of the township of Julia Creek. The project area lies close to main infrastructure facilities and is intersected by the Flinders Highway and the Great Northern Railway Line at the southern end of the tenement.

The Lindfield Project is considered highly prospective for vanadium and high purity alumina based on historical drill hole intersections. The Lindfield Project area is characterised by the presence of the Toolebuc Formation, Allaru Mudstone and quaternary sediments.

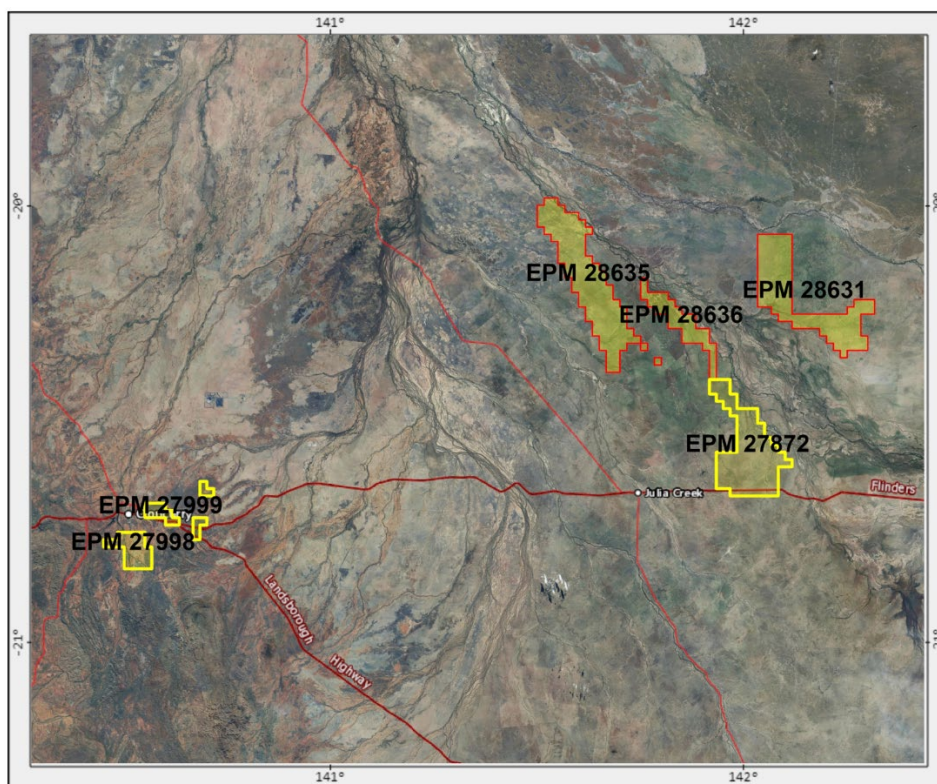
The vanadium mineral resource contained within EPM 27872 is shallow (ranging between 0.5m and 30m depth), is in close proximity to infrastructure and shows grades similar to neighbouring projects with established mineral resource estimates. The shallow depth of the orebody suggests that mining costs via open methods will be low and the close proximity to infrastructure and neighbouring projects suggests that establishing economically viable processing and transport options are reasonably achievable.

Prior to the Quarter, the Group was able to define an estimate in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves 2012 (the **JORC Code**) of an inferred mineral resource of 210 mt @ 0.39% V₂O₅ at the Lindfield Project based on historical drilling data. The current inferred mineral resource classification is considered adequate to address the level of confidence in the continuity of thickness, tonnage and vanadium grade across the deposit on a global basis.

A work programme had been established to continue drilling and development of the Lindfield Project (see the Prospectus for further details).

During the Quarter, the Group completed the maiden drilling programme at the Lindfield Project. The drilling program consisted of 23 holes 4C aircore holes and 1 chip hole, which was designed to provide further results that will strengthen the geological understanding of the extent of the mineralisation at the Lindfield Project, with the aim to potentially increase the known resource and to assist in the Company's plan to provide ore for metallurgical testing.

Cores from the drilling program have been provided to the laboratory. The Group is awaiting assay testing results which will be used to update the existing JORC resource at the Lindfield Project. While assay results were anticipated to return by the end of the Quarter, due to delays at the laboratory, they are now expected to start returning in January 2023. Pilot plant test work was also anticipated to commence in this Quarter however commissioning of the pilot plant is now anticipated in the second half of 2023.



Source: Queensland Government, GeoResGlobe, Available at: <https://georesglobe.information.qld.gov.au/>

Figtree Creek Project (EPM 27998)

During the Quarter, the Group was successfully granted EPM 27998 in relation to the Figtree Creek Project.

The Figtree Creek Project consists of 22 sub-blocks covering 70km². The Figtree Creek Project is located approximately 10 km south south east of the township of Cloncurry and is 5km from the main infrastructure corridor of the Flinders Highway and the Great Northern Railway line.

The Figtree Creek Project is considered prospective for iron oxide copper and gold mineralization based on historical surface sampling, local structural geology with similar rock types and structures present in the Figtree Creek Project area to that of the Great Australian Mine style of copper-gold mineralisation (which is just 3km north of the project) and electromagnetic anomalies identified.

The project area has several rock chip samples, soil samples and stream sediment samples showing anomalous copper and gold assays.

As the Figtree Creek Project tenement has only recently been granted, the Group has not yet performed significant and detailed geological analysis, interpretation and exploration targeting.



The Group has completed sufficient work to establish a work programme to systematically explore the tenement and identify potential mineralisation and drill targets (see the Prospectus for further details).

No substantive exploration activities were undertaken during the Quarter and no field work has been undertaken as the tenement was only recently granted.

Lorena Surrounds Project (EPM 27999)

During the Quarter, the Group was successfully granted EPM 27999 in relation to the Lorena Surrounds Project.

The Lorena Surrounds Project consists of 16 sub-blocks covering 51km². The Lorena Surrounds Project is located 15km east of Cloncurry and intersects main infrastructure of the Flinders Highway and Great Northern Rail Line at the southern end of the tenement.

The Lorena Surrounds Project is considered prospective for iron oxide copper and gold mineralization based on historical drilling, local structural geology and electromagnetic anomalies identified.

It is anticipated that the Group will focus on areas of the tenement where magnetic anomalies are similar to geochemical and geophysical anomalies present in adjacent historical and operating mines.

The Group has completed sufficient work to establish a work programme to systematically explore the tenement and identify potential mineralisation and drill targets (see the Prospectus for further details).

No substantive exploration activities were undertaken during the Quarter and no field work has been undertaken as the tenement was only recently granted.

Whinmoor Project (EPM 28631 Application)

The Group has applied for EPM 28631 in relation to the Whinmoor Project. As at the end of the Quarter, this application was still in progress and not yet granted.

The Whinmoor Project consists of 100 sub-blocks covering 320 km². The Whinmoor Project is located 60km north of Julia Creek.

The Whinmoor Project intends to extend on exploration by previous explorers and known extensions to Vanadium mineralisation in the Company's Lindfield Project.

As the Whinmoor Project tenement is only at the application stage, the Group has not yet performed significant and detailed geological analysis, interpretation and exploration targeting.

No substantive exploration activities were undertaken during the Quarter and no field work has been undertaken as the project is still in the application phase.

Lara Downs Project (EPM 28635 Application)

The Group has applied for EPM 28635 in relation to the Lara Downs Project. As at the end of the Quarter, this application was still in progress and not yet granted.



The Lara Downs Project consists of 118 sub-blocks covering 378 km². The Lara Downs Project is located 60km north west of Julia Creek.

The Lara Downs Project intends to extend on exploration by previous explorers and known extensions to Vanadium mineralisation in the Company's Lindfield Project.

As the Lara Downs Project tenement is only at the application stage, the Group has not yet performed significant and detailed geological analysis, interpretation and exploration targeting.

No substantive exploration activities were undertaken during the Quarter and no field work has been undertaken as the project is still in the application phase.

Lindfield North Project (EPM 28636 Application)

The Group has applied for EPM 28636 in relation to the Lindfield North Project. As at the end of the Quarter, this application was still in progress and not yet granted.

The Lindfield North Project consists of 36 sub-blocks covering 115 km². The Lindfield North Project is located 65km north of Julia Creek.

The Lindfield North Project intends to extend on exploration by previous explorers and known extensions to Vanadium mineralisation in the Company's Lindfield Project.

As the Lindfield North Project tenement is only at the application stage, the Group has not yet performed significant and detailed geological analysis, interpretation and exploration targeting.

No substantive exploration activities were undertaken during the Quarter and no field work has been undertaken as the project is still in the application phase.

Next Quarter Work Programme

The Company is planning the following exploration and work activities during the quarter ending 31 March 2023.

Lindfield Project:

Exploration will include review of drilling results once received (results are pending). Based on the results of the drilling campaign, the Group intends to update the geological and resource model. The Group also intends to commence metallurgical studies and, subject to drilling results, commence the scoping study.

Figtree Creek Project

The Group will conduct desk top studies and intends to commence design of the exploration programme works.

Lorena Surrounds Project

The Group will conduct desk top studies and intends to commence design of the exploration programme works.



Whinmoor Project

The Group will continue to progress the tenement application.

Lara Downs Project

The Group will continue to progress the tenement application.

Lindfield North Project

The Group will continue to progress the tenement application.

Competent Person Statements

The information in this announcement that relates to the mineral resource estimates for the Company's Lindfield Project was first reported by the Company in its 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 estimates of mineral resources, that all material assumptions and technical parameters underpinning the estimates in the Prospectus continue to apply and have not materially changed.

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.

This announcement was approved by the board.

For more information:

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Managing Director

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Appendix A – Tenement Schedule as at 31 December 2022

Project Name	Location	Tenement	Status	Equity at 1 October 2022	Equity at 31 December 2022	Changes during Quarter
Lindfield Project	Julia Creek	EPM 27872	Granted	100%	100%	-
Figtree Creek Project	Cloncurry	EPM 27998	Granted	100%	100%	Granting of tenement
Lorena Surrounds Project	Cloncurry	EPM 27999	Granted	100%	100%	Granting of tenement
Whinmoor Project	Julia Creek	EPM 28631 (application)	Application	-	100%	Applied for tenement
Lara Downs Project	Julia Creek	EPM 28635 (application)	Application	-	100%	Applied for tenement
Lindfield North Project	Julia Creek	EPM 28636 (application)	Application	-	100%	Applied for tenement

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

CRITICAL MINERALS GROUP LIMITED

ABN

91 652 994 726

Quarter ended ("current quarter")

31 DECEMBER 2022

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation	(285)	(303)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(66)	(180)
	(e) administration and corporate costs	(345)	(573)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	20	20
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	(39)
1.9	Net cash from / (used in) operating activities	(676)	(1,075)
2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) exploration & evaluation	-	-
	(e) investments	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	-	-

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	5,000
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	(274)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	4,726

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	4,380	53
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(676)	(1,075)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	4,726

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	3,704	3,704

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	3,704	4,380
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	3,704	4,380

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	234
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(676)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(676)
8.4	Cash and cash equivalents at quarter end (item 4.6)	3,704
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	3,704
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	5
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>		
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1	Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: N/A		
8.8.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: N/A		

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: N/A

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 30 JANUARY 2023.....

Authorised by: BY THE BOARD.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.