

PROSPECTUS Supplement No. 3
(to the prospectus dated May 22, 2024)



CRITICAL METALS CORP.

**Primary Offering of
7,750,000 Ordinary Shares issuable upon exercise of warrants**

**Secondary Offering of
100,312,567 Ordinary Shares**

This prospectus supplement No. 3 (this "Supplement") supplements, updates and amends the information contained in the prospectus dated May 22, 2024 (the "Prospectus") relating to the issuance of ordinary shares, par value \$0.001 per share ("Ordinary Shares"), of Critical Metals Corp. (the "Company") upon the exercise of the public warrants of the Company (the "Public Warrants") and the resale from time to time of Ordinary Shares by the selling securityholders (including their donees, pledgees, transferees or other successors-in-interest) named in the Prospectus. This Supplement updates and supplements the Prospectus.

This Supplement is being filed to update and supplement the information previously included in the Prospectus with the information contained in the Company's Report of Foreign Private Issuer filed with the Securities and Exchange Commission on June 25, 2024 (the "Form 6-K"). Accordingly, we have attached the Form 6-K to this Supplement. You should read this Supplement in conjunction with the Prospectus. This Supplement is not complete without, and may not be delivered or used except in conjunction with, the Prospectus, including any amendments or supplements thereto. This Supplement is qualified by reference to the Prospectus, except to the extent that the information provided by this Supplement supersedes information contained in the Prospectus. Capitalized terms used in this Supplement have the meanings given to them in the Prospectus.

Our Ordinary Shares and Public Warrants are listed on the Nasdaq Stock Market LLC ("Nasdaq") under the trading symbols "CRML" and "CRMLW," respectively. On June 25, 2024, the closing prices for our Ordinary Shares and Public Warrants on Nasdaq were \$11.50 per share and \$0.29 per warrant, respectively.

We are an "emerging growth company" as defined under the federal securities laws, and, as such, may elect to comply with certain reduced public company reporting requirements for this and future filings.

INVESTING IN OUR SECURITIES INVOLVES RISKS. YOU SHOULD CAREFULLY CONSIDER THE RISK FACTORS SET FORTH UNDER THE SECTION ENTITLED "RISK FACTORS" ON PAGE 22 OF THE PROSPECTUS, BEFORE MAKING ANY DECISION WHETHER TO INVEST IN OUR SECURITIES.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this Supplement or the accompanying Prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is June 25, 2024.

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of June 2024

Commission File Number: 001-41973

Critical Metals Corp.
(Exact name of registrant as specified in its charter)

c/o Maples Corporate Services (BVI) Limited
Kingston Chambers, PO Box 173, Road Town
Tortola, British Virgin Islands
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F Form 40-F

EXPLANATORY NOTE

On June 18, 2024, Critical Metals Corp. (the “Company”) issued a press release announcing that it has completed its initial investment in the Tanbreez Green Rare Earth Mine (“Tanbreez”), in accordance with the previously disclosed Heads of Agreement, dated June 5, 2024 (the “Heads of Agreement”), between the Company and Rimbali Pty Ltd., a company controlled by geologist Gregory Barnes. Pursuant to the Heads of Agreement, the Company acquired an initial 5.55% interest in Tanbreez in exchange for the payment of \$5 million in cash.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Critical Metals Corp.

By: /s/ Tony Sage

Name: Tony Sage

Title: Chief Executive Officer and
Executive Chairman

Date: June 25, 2024