

23 May 2023

## ASX ANNOUNCEMENT

# EM survey commenced at Musgrave Nickel-Copper Project

### Highlights

- An airborne electromagnetic (AEM) survey covering prospective gravity and magnetic anomalies located within Woomera's 100%-owned Musgrave Project in SA has commenced
- The survey is assessing the potential for nickel-copper mineralisation across both a gravity ridge that passes through the project area and a separate, coincident gravity/magnetic anomaly located to the northwest
- Preliminary survey results are expected in June 2023
- Drilling of any EM anomalies is scheduled for the second half of 2023

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Woomera Mining Limited (ASX: WML) ("Woomera", "the Company") is pleased to announce that a 2,000 line-kilometre airborne electromagnetic survey (AEM) survey has commenced across its 100% owned, 1,600km<sup>2</sup> Musgrave Project in South Australia (**Figure 1**).

The Company's Musgrave Project is prospective for nickel-copper deposits analogous to the Nebo-Babel nickel-copper deposit and the Nova-Bollinger nickel-copper deposit, both in Western Australia. Significant geological structures, including the Woodroffe Thrust, pass through the Musgrave Project area.

The EM survey will focus on a gravity ridge that transects the project and on a distinctive coincident gravity and magnetic anomaly in the north-west of the survey area (**Figure 2**). The survey is scheduled to take approximately two weeks and preliminary results are expected by the end of June 2023.

Drill follow up of anomalies defined by the survey is scheduled for second half of 2023.

In July 2022, Woomera was awarded a grant of up to \$200,000 under the South Australian Government's Accelerated Discovery Initiative for drilling programs completed on its Musgrave project. The Company is required to match the funding on a dollar-for-dollar basis.

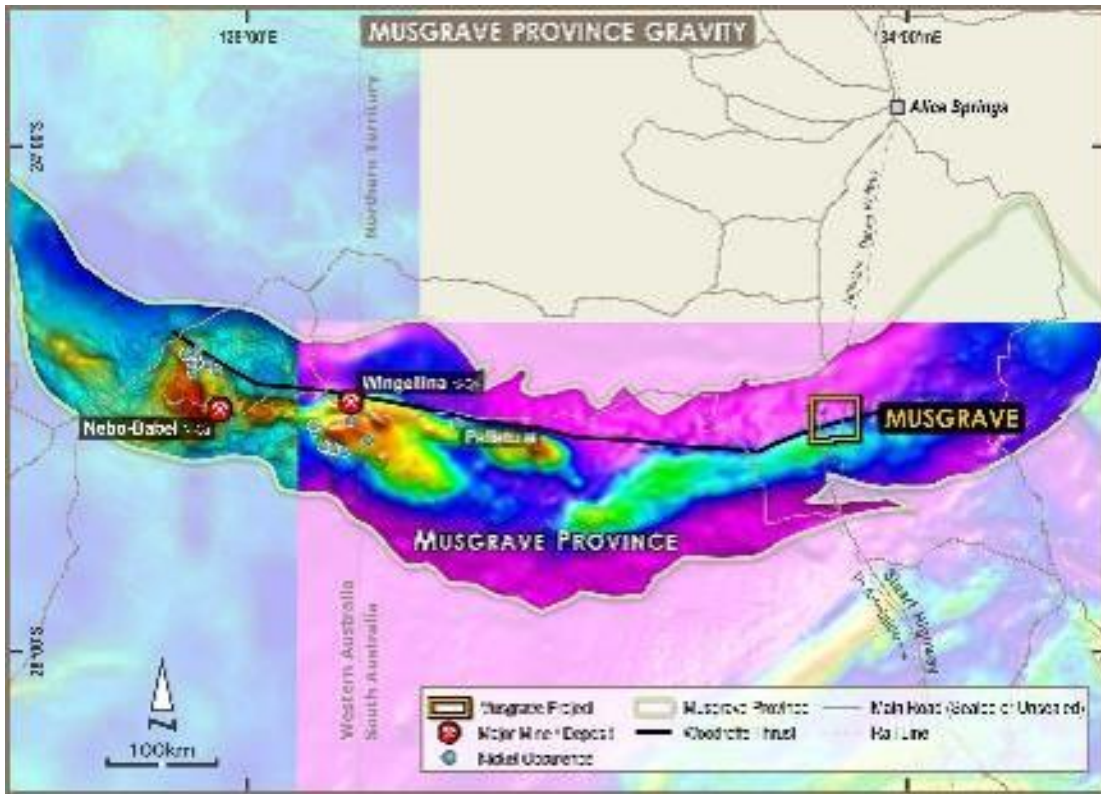


Figure 1: Musgrave Project location plan

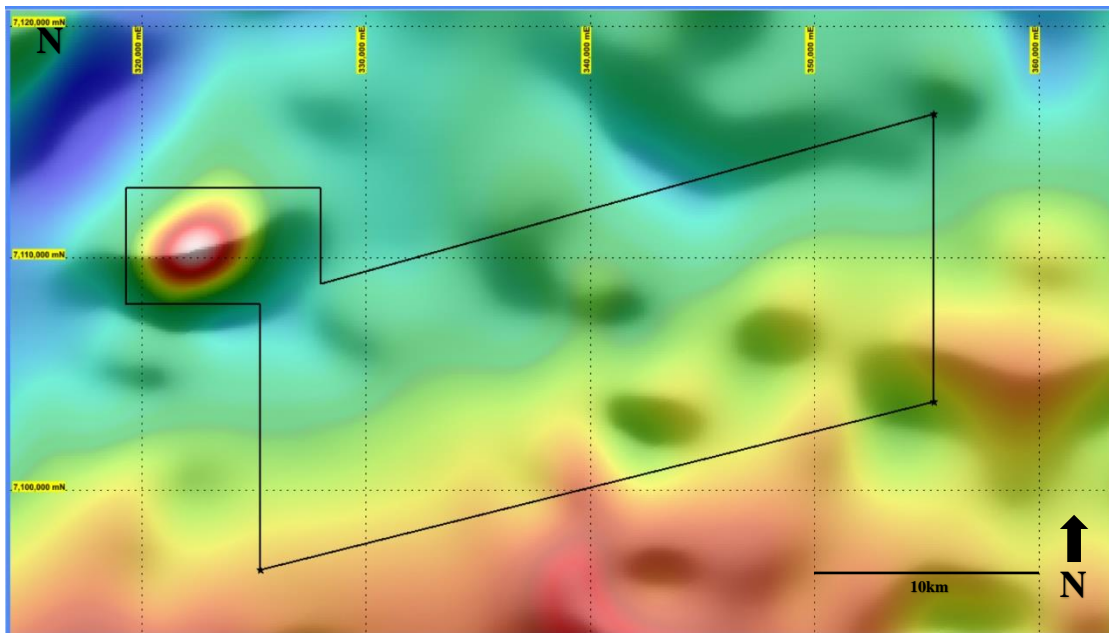


Figure 2: Outline of Musgrave EM Survey over gravity plan

Woomera Chair, Mr Ian Gordon, said: *“We are eagerly anticipating the results of this EM survey on our Musgrave Project, which remains underexplored and where historical drilling has intersected fertile, nickel-copper-PGE prospective ultramafic lithologies. We envisage the survey will identify a number of high priority targets for drilling in the second half of 2023.”*

This ASX announcement has been approved and authorised for release by the Board of Woomera Mining Ltd.

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## **About Woomera Mining Limited**

Woomera Mining Limited is a focussed mineral explorer. The Company is exploring for battery metals (lithium nickel, copper + PGE's) and gold in the Yilgarn and Pilbara Cratons of Western Australia plus the Musgrave Province in South Australia along with rare earth-gold mineralisation in the Gawler Craton of South Australia.

## **Competent Persons Statement**

The exploration results reported herein, insofar as they relate to mineralisation, are based on information compiled by Mr David Richards. Mr Richards is a Director of Woomera Mining Limited and is a Member of the Australasian Institute of Geoscientists with over thirty five years of experience in the field of activity being reported. Mr Richards has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activity that he is undertaking 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' relating to the reporting of Exploration Results. Mr Richards consents to the inclusion in the report of matters based on his information in the form and context in which it appears. Forward Looking Statements.

## **Forward Looking Statements**

Certain statements in this document are or maybe "forward-looking statements" and represent Woomera's intentions, projections, expectations or beliefs concerning among other things, future exploration activities. The projections, estimates and beliefs contained in such forward-looking statements necessarily involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Woomera, and which may cause Woomera's actual performance in future periods to differ materially from any express or implied estimates or projections. Nothing in this document is a promise or representation as to the future. Statements or assumptions in this document as to future matters may prove to be incorrect and differences may be material. Woomera does not make any representation or warranty as to the accuracy of such statements or assumptions.

## **Previously Reported Information**

*For the purposes of ASX Listing Rule 5.23 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 estimates in the original announcements continue to apply and have not materially changed.*