

30 January 2023

## ASX ANNOUNCEMENT

# Lithium exploration to commence at Mt Cattlin

### Highlights

- Auger drilling program to commence at Mt Cattlin Lithium Project in the first week of February
- Initial reconnaissance field trip by Woomera confirms that the Annabelle Volcanics, the mineralised host unit at Mt Cattlin Spodumene Mine, is much more extensive than previously identified
- Observation of outcropping host rocks within licence area confirms the Company's decision to fast track exploration

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Woomera Mining Limited (**ASX: WML**) (**Woomera** or the **Company**) is pleased to provide an update on exploration activities at its 100%-owned Mt Cattlin Lithium Project, seven kilometres north and along strike of Allkem's Mt Cattlin lithium mine in the Southern Yilgarn Craton, Western Australia (refer to Figure 1 for location map).

Following an initial site visit to Mt Cattlin by the Woomera exploration team in late 2022 during which prospective host rocks were observed on the E74/632 licence and rock chip samples were collected and sent for assay, the Company has fast-tracked plans for a geochemical auger drilling program to start on 1 February 2023<sup>1</sup>.

As previously stated, Woomera believes the lithium-caesium-tantalum (LCT) system at Mt Cattlin may be more extensive than has been identified on Allkem's surrounding licences. The Company's hypothesis in support of this view is that the pegmatites may extend into its landholding based on the potential for multiple causative granite intrusions and relative timing of the LCT pegmatite intrusions into known breaks/faults throughout the greenstone belt.

As part of the 2022 site visit, the Company was able to confirm the Geological Survey of Western Australia's 1:500,000 interpreted bedrock mapping of the area, but noted that the potential lithium-bearing pegmatite host unit, the "*Annabelle Volcanics*", appears to be more extensive than previously mapped.

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<sup>1</sup> The Company notes that visual observations should not be considered a proxy or substitute for laboratory analysis, and the assaying for the rock chip sampling has not been completed as at the date of this announcement.

**Geological Map of the Woomera Area, South Australia**

**Legend:**

- Annabelle Volcanics (Yellow)
- Mafic gneiss (Green)
- Cocanarup Terrane (Blue)
- Ravensthorpe Tonalite (Orange)
- Granite/gneiss (Pink)
- Ultramafics (Purple)
- Chester Formation (Light Orange)

**Key Features and Labels:**

- PERTH** (Northwest)
- Albany** (Southwest)
- Esperance** (Southeast)
- Woomera** (Central)
- Ravensthorpe** (South)
- MT SHORT PROSPECT** (North of Woomera)
- ENDURO PROSPECT** (South of Woomera)
- Mt Cattlin Mine (AKE)** (South of Woomera)
- Interpreted Lithium Trend** (Dashed green line)
- Allkem** (Blue lines)
- Exc.** (Excavation sites)
- Woomera Mining Tenement** (Red outline)
- E74/632** (Red outline)

**Scale:** 6 kilometres

**Inset Map:** Western Australia showing the project location near Esperance.

### Management Comment

*“After spending time on site, confirming the extents of potential host lithologies and collecting a number of samples, we decided to move to the next phase of assessment as quickly as possible. This low cost auger program will provide the data to define targets for follow up drill testing.”*



**Figure 2:** Location of the Mt Cattlin Lithium Project

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 copper-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 Jason Livingstone. Mr Livingstone is a full-time employee of Woomera Mining Limited and is a Member of the Australasian Institute of Mining and Metallurgy with over twenty years of experience in the field of activity being reported. Mr Livingstone 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 Livingstone 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**

Information in the announcement may reference previously reported exploration results extracted from the Company's announcements. 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.