



# Investor Webinar Presentation

**9 February 2023**

**Jason Livingstone**  
Managing Director

**ASXWML**

# CORPORATE SNAPSHOT

## ASX: WML

Share Price (7 February 2023):	\$0.016	per share
Shares on Issue:	956.1	million
Options:	190.2	million
Market Capitalisation:	\$15.3	million
Net Cash (31 Dec 2022):	\$3.0	million
Enterprise Value:	\$12.3	million

## Share Price



### Ian Gordon Non-Executive Chair

- +25 years experience as a Mining Executive
- Former MD at Ramelius Resources (ASX:RMS) and Flinders Mines (ASX:FMS), and former Non-Exec. Director Dreadnought Resources (ASX:DRE)



### Jason Livingstone Managing Director

- +20 years experience as a Geologist
- Formerly Managing/Technical Director at Metalicity Ltd (ASX:MCT)
- Led exploration and development teams in multiple commodities in many international locations



### David Richards Non-Executive Director

- +40 years experience as a Geologist
- Managing Director – Minerals 260 Limited (ASX:MI6)
- Led discovery teams for Vera-Nancy/Pajingo (Qld) and the Kathleen Valley Lithium Deposits in WA



### David Lindh Non-Executive Director

- +40 years experience as a Lawyer & Company Director
- Former Director of various listed companies in resources sector
- Founder and former Chairman of Centrex Metals (ASX:CXM)

# OVERVIEW OF PROJECTS

## Prospective Australian Exploration

Woomera is exploring in world-class mineral provinces in Western Australia and South Australia.

### LITHIUM

#### South Yilgarn Projects

- Mt Cattlin Li / Ravensthorpe – **100% WML**
- Lake Dundas Li – **100% WML**
- Pilbara Projects Li – **100% WML**

### PRECIOUS + BASE + RARE METALS

- Wyloo Dome – **60% earning**
- Mt Venn gold & Ni-Cu-PGE – **80% WML**
- Musgrave Ni-Cu-Co – **100% WML**
- Labyrinth Cu-Au – **100% WML**

#### Commodity Key

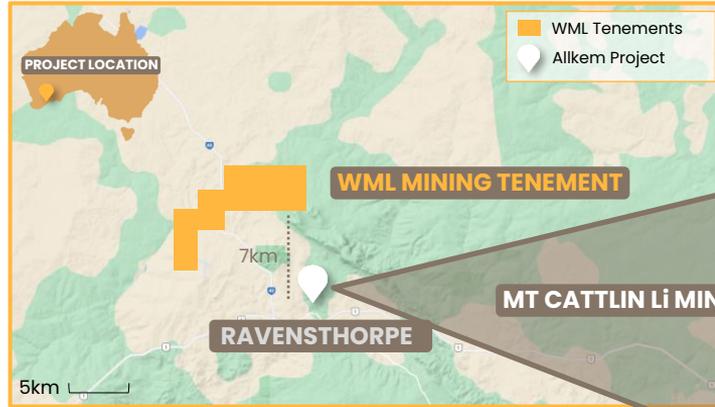
- Lithium
- Precious + Base + Rare Metals



Projects all in low-risk, mining-friendly jurisdictions with excellent access to infrastructure

# MT CATTLIN Li PROJECT – 100% WML

## South Yilgarn Lithium



Located seven kilometres north and along strike of **Allkem's world class Mt Cattlin Lithium mine** in the Southern Yilgarn Craton, Western Australia

**Allkem (ASX:AKE) owned Mt Cattlin Li Mine (\$8.29b Mkt Cap)**



**~194ktpa (Record-breaking FY)  
FY22 Production**

**13.3 Mt at 1.2% Li<sub>2</sub>O  
Mineral Resource Estimate**

**Up to 6% Li<sub>2</sub>O  
Product grade**

### Mt Cattlin Li Project

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 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.

# MT CATTLIN Li PROJECT – 100% WML

## South Yilgarn Lithium

### Site Visit

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.



Observed  
pegmatite

Displays  
pegmatitic  
textures with  
dominant  
felspar and  
muscovite

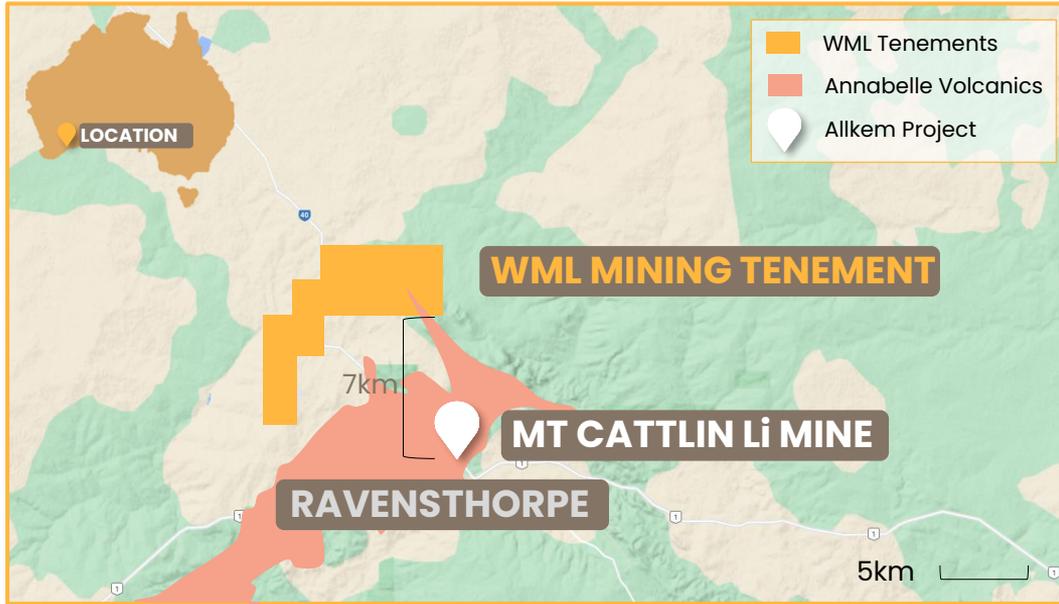


Interpreted Annabelle  
Volcanics

Host unit for the Mt  
Cattlin Li Mine

# MT CATTLIN Li PROJECT – 100% WML

## South Yilgarn Lithium



Auger sampling has commenced

Total of approximately 1,000 auger samples planned to be taken

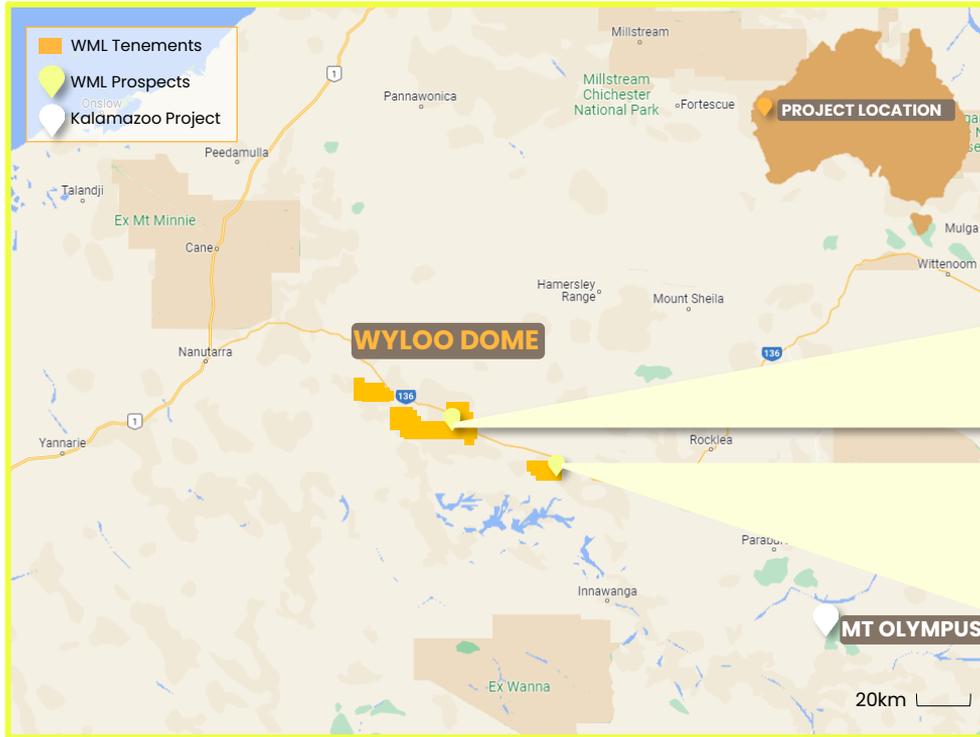
Coverage is approximately 75% of the tenement – eastern side is crown land with a PoW (Program of Works) applied for and currently being processed

Expecting results late March/early April 2023



# WYLOO DOME JV PROJECT

## Base Metal and Gold Exploration Project



Project covers over 40km strike of the highly prospective Mt McGraths Formation, the favoured host rock for high grade gold mineralisation Kalamazoo's (ASX:KZR) Mt Olympus project.

VTEMTM MAX airborne electromagnetic survey – Completed

Targets Generated – 40 plus targets

### **Golden Marra Mamba Prospect**

Significant rock chip anomalism up to 11.7 g/t Au coincident with a strong VTEMTM Max conductor.

### **New Morning prospect**

Untested blind AEM conductor coincident with a large amplitude VTEMTM MAX anomaly, lies adjacent to the historical drilling which returned encouraging intersections of up to 16m at 0.68 g/t Au

Heritage surveys have been requested along with drill planning to expedite assessment of these anomalies. The Company believes this drilling will likely occur in the first half of 2023.

*\*Refer ASX Announcement "Wyloo Dome JV Demonstrates Significant Gold Potential" 22 August 2022*

# LABYRINTH PROJECT

## Gawler Craton – World Class Cu-Au Province

Located 60km east of the Tarcoola gold mine and 200km west of Coda Minerals' Elizabeth Creek IOCG discovery.

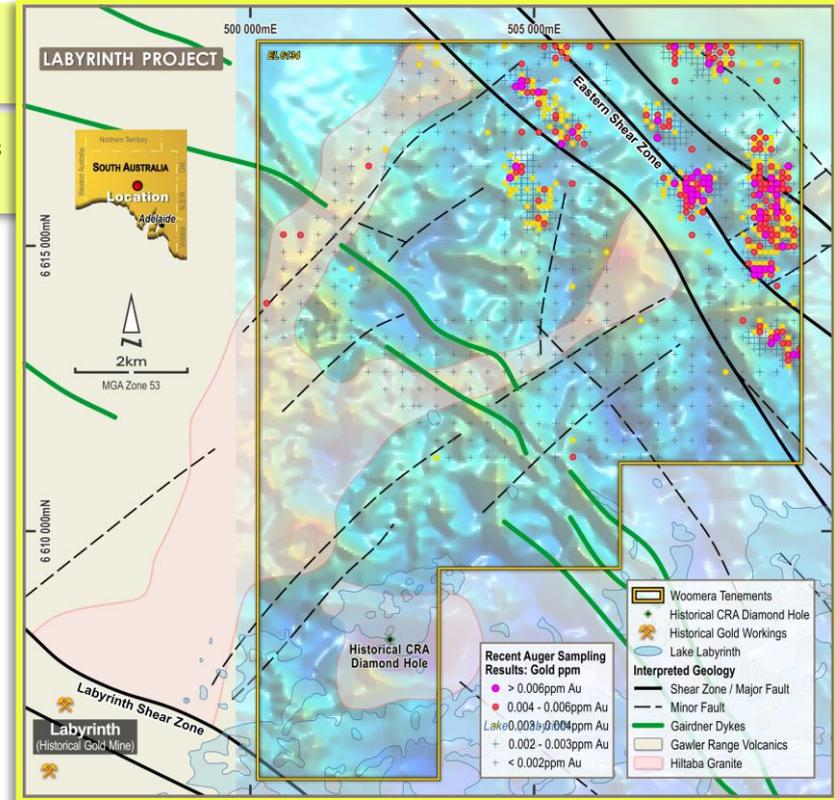
Known gold mineralisation associated with outcropping Hiltaba Suite Granites at the Labyrinth gold workings, immediately west of tenement.

As demonstrated by Indiana Resources' Minos and Ariadne prospects ~25km along strike<sup>1</sup>.

The infill auger program identified gold and rare earth anomalism that will be followed up with drilling once approvals and heritage surveys are completed. **Drilling scheduled for March 2023.**

Historic CRAE drill hole returned anomalous copper (max 792 ppm) and neodymium (max 792 ppm) were recorded in peridotites and basalts (close to the interpreted location of the Labyrinth Shear Zone<sup>2</sup>).

The Company has scheduled the heritage survey for early February 2023 with planned commencement of drilling to start once clearance is received, expected in March 2023.



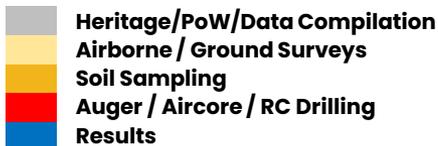
<sup>1</sup>Refer IDA Announcements 4 August 2020, 22 February 2021, 3 March 2021, 13 July 2021, 21 December 2021, 11 January 2022, 23 February 2022 and 15 March 2022.

<sup>2</sup>Refer ASX Announcement "Prospectus", 5 December 2017.

# UPCOMING EXPLORATION

## Maintaining Momentum

Commodity	State	Project	Activity	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
Li	WA	Mt Cattlin / Ravensthorpe	Auger Geochemistry currently underway	Soil Sampling	Results	Results	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation
Li	WA	South Pilbara	Progressing through the normal channels of approval and eventual grant	Heritage/PoW/Data Compilation					
Au	WA	Wyloo Dome JV	Drilling will likely occur in the first half of 2023.	Auger / Aircore / RC Drilling	Heritage/PoW/Data Compilation				
Au + Ni-Cu-PGE	WA	Mt Venn JV	Review into the Mt Cumming Sill was commissioned	Heritage/PoW/Data Compilation					
Ni-Cu-Co	SA	Musgrave	Airborne EM survey over the prospective areas	Airborne / Ground Surveys	Airborne / Ground Surveys	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation
Au + REE	SA	Labyrinth	Drilling once approvals and heritage surveys are completed	Results	Auger / Aircore / RC Drilling	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation	Heritage/PoW/Data Compilation



# LOOKING FORWARD

## Maintaining Momentum

### 1 High Quality Assets

Focused on large, highly prospective, under-explored land positions in world class mineral provinces

### 2 Recent Exploration Success

Potential lithium-bearing pegmatite host unit, "Annabelle Volcanics" at Mt Cattlin appears to be more extensive than previously mapped.

### 3 Significant Potential

Highly prospective Lithium Project at Mt Cattlin, along with significant gold potential at Wyloo and gold + rare earth high tenure anomalism at Labyrinth.

### 4 Easy Access to Infrastructure

Woomera's assets are in investor-friendly mining jurisdictions, close to existing mines and/or deposits and have established main roads or rail lines that may allow for low-cost production

### 5 Experienced Board & Management

Woomera's Board and management team have a history of success in South Australia and Western Australia and have significant experience leading early-stage exploration companies to production and beyond



# THANK YOU

This presentation has been approved by the Board of Directors of Woomera Mining Limited

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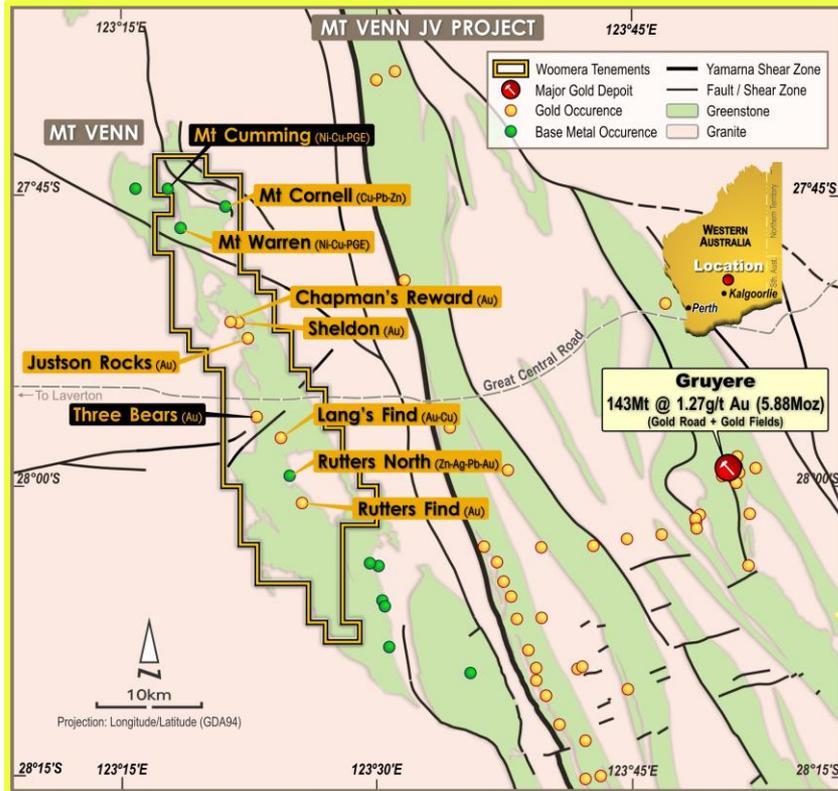


# Appendices

**ASXWML**

# APPENDIX 1 – MT VENN PROJECT

## Base Metal and Gold Exploration Project



Covers 50km of continuous strike within the underexplored Mt Venn Greenstone Belt.

Three stacked mineralised lodes (Mama Bear, Baby Bear and Papa Bear) defined over 4km strike at Three Bears Gold Prospect.

More than 10,900m of RC + AC drilling completed to date.

An external review into the Mt Cumming Sill was commissioned and completed. The purpose of this review was to assess the effectiveness of testing the nickel targets to date, and recommendations for future work. There are a number of targets at the Cumming Sill yet to be tested.

Significant sulphide-related nickel and copper intersections from the Mt Cornell Prospect, within the Mt Cumming Ni-Cu-PGE Mafic Sill Complex\*

**11m at 0.34% Ni and 0.42% Cu** from 41-52m in MVRC064, including:



**2m at 1.31% Cu** from 42-44m; and



**2m at 0.87% Ni** from 47-49m

**5m at 0.31% Ni and 0.65% Cu** from 94-99m in MVRC065, including:



**1m at 0.71% Ni and 0.51 g/t Pt+Pd** from 94-95m; and

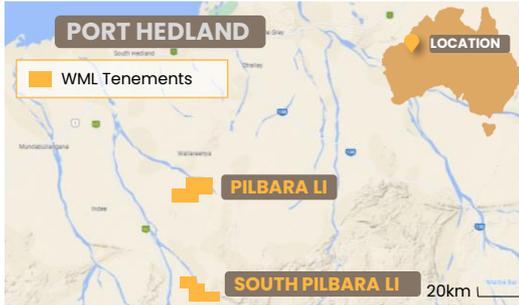


**1m at 1.68% Cu** from 97-98m

\*Please refer to ASX Announcement "Nickel & Copper Massive Sulphides Confirmed at Mt Venn" dated 10 Dec 2021

# PILBARA LITHIUM PROJECTS

## Focus on Pilbara South



Located 60–110km south-east of Port Hedland and includes two tenements and one tenement application in the Pilbara Craton

### Woomera’s tenements are close to multiple world-class lithium projects including:

- Pilbara Minerals’ Pilgangoora operation (Mineral Resource estimate of 222.5Mt @ 1.26% Li<sub>2</sub>O<sup>1</sup>);
- Pilbara Minerals’ Altura project (Mineral Resource estimate of 45.7Mt @ 1.06% Li<sub>2</sub>O<sup>2</sup>) acquired in January 2021 for US\$175 million<sup>3</sup>
- Mineral Resources and Albemarle Corporation’s Wodgina Lithium Project (Mineral Resource estimate

### Pilbara South

Southern tenement (E45/4789) progressing through grant process with Western Australian Department of Mines, Industry Regulation and Safety (DMIRS). The Company expects DMIRS to grant this tenement in the first half of 2023.

#### **Application for E45/4789**

Various objections by overlapping miscellaneous licence holders has been resolved, along with the original grant process with errors identified at the Mines Department side have also been resolved. The tenement is now progressing through the normal channels of approval and eventual grant.

### Pilbara North

A comprehensive geochemical sampling campaign was completed for the Pilbara North tenement during the September Quarter. No anomalism was encountered and the tenement will be relinquished.

<sup>1</sup>See Pilbara Minerals Limited ASX release “2020 Annual Report”, 16 October 2020

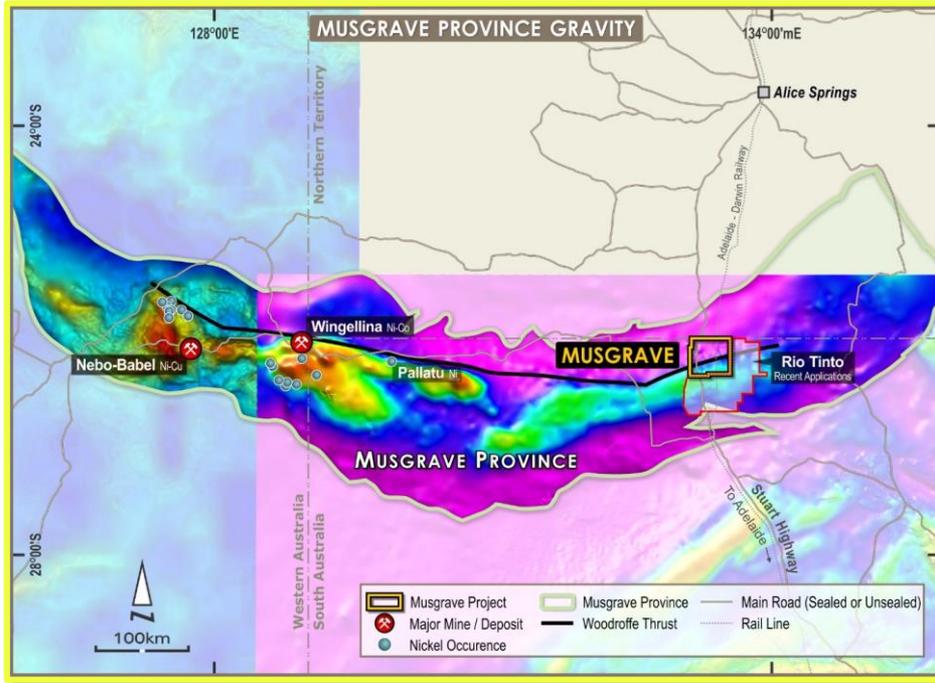
<sup>2</sup>See Altura Mining Limited ASX release “Mineral Resource and Ore Reserve Estimate Update”, 9 October 2019

<sup>3</sup>See Pilbara Minerals Limited ASX release “Acquisition of Altura Lithium Project Complete”, 20 January 2021

<sup>4</sup>See Mineral Resources Limited ASX release “Wodgina Mineral Resource and Ore Reserve Update”, 23 October 2018

# APPENDIX 2 – MUSGRAVE PROJECT

## Underexplored Ni-Cu-Co Province



WML holds over 1,600km<sup>2</sup> of granted tenure within the Musgrave Province, in South Australia.

Similar geological setting to Nebo Babel Ni-Cu and Wingellina Ni-Co deposits.

Historical assays up to **19m at 0.2% Ni<sup>1</sup>** returned in ultramafic cumulates from 8m depth at Cavanagh (centre of project holding).

The Company was successful in its application for co-funding under the South Australian Government’s Accelerated Discovery Initiative (ADI), to be allocated towards the Musgrave Project in South Australia.

Woomera has also committed to completing an airborne EM survey over the prospective areas of the Musgrave Project in the March quarter 2023. Once completed and requisite interpretations completed, the Company will move to potentially utilise the ADI grant to fund target testing if seen fit.

<sup>1</sup>CRA (1997): EL2020 Mt Howe Project – Exploration Report 23518. South Australian DME Open File Exploration Report

# APPENDIX 2 – DISCLAIMER

## **DISCLAIMER**

This presentation doesn't include all the information on Woomera Mining Limited and should not be used in isolation as a guide to investing in the Company. Any potential investor should also refer to the Woomera Mining Limited's Annual Reports, filings and ASX releases and take independent professional advice before considering investing in the Company. For further information about Woomera Mining Limited, visit the website at [www.woomeramining.com.au](http://www.woomeramining.com.au)

## **COMPETENT PERSONS STATEMENT**

Please refer to the following announcements with reference to applicable Competent Person Statements: Woomera Mining ASX Announcement "Wyloo Dome JV Demonstrates Significant Gold Potential" 22 August 2022, Pilbara Minerals Limited ASX release "2020 Annual Report" dated 16 October 2020, Altura Mining Limited ASX release "Mineral Resource and Ore Reserve Estimate Update" dated 9 October 2019, Pilbara Minerals Limited ASX release "Acquisition of Altura Lithium Project Complete" dated 20 January 2021, Mineral Resources Limited ASX release "Wodgina Mineral Resource and Ore Reserve Update" dated 23 October 2018, Woomera Mining ASX Announcement "Exploration update – SA Projects" dated 2 September 2022, Woomera MiniASX Announcement "Nickel & Copper Massive Sulphides Confirmed at Mt Venn" dated 10 Dec 2021 and Indiana Resources ASX Announcements dated – 4 August 2020, 22 February 2021, 3 March 2021, 13 July 2021, 21 December 2021, 11 January 2022, 23 February 2022, 28 February 2022, 15 March 2022, and 6 October 2022.

Woomera Mining confirms that the Company is not aware of any new information or data that materially affects the information in the relevant market announcements and, in the case of "exploration results" that all material assumptions and technical parameters underpinning the "exploration results" in the relevant announcements apply and have not materially changed.

## **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.