



# Investor Update

**November 2023**

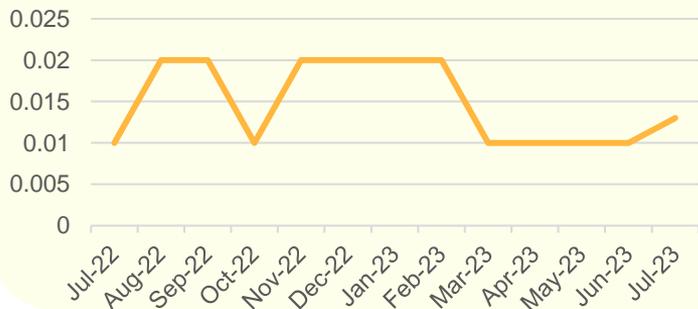
**ASXWML**

# CORPORATE SNAPSHOT

## ASX: WML

Share Price ( <b>Nov</b> 2023):	<b>\$0.009</b> per share
Shares on Issue:	956.1 million
Options:	190.2 million
Market Capitalisation:	\$11.5 million
Net Cash (Sept 2023):	\$1.1 million
Enterprise Value:	\$10.1 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)



**David Richards**  
Non-Executive Director

- +40 years experience as a Geologist
- Director – Minerals 260 Limited (ASX:MI6) Former MD Liontown Resources
- 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

#### Mt Cattlin Projects



Mt Cattlin WML – **100%**

Mt Short JV – **earning 70%**

### PRECIOUS + BASE METALS



Wyloo Dome – **60% earning**



Mt Venn gold & Ni-Cu-PGE – **80% WML**



Musgrave Ni-Cu-Co – **100% WML**



Labyrinth Cu-Au – **100% WML**



Pipeline of targets over multiple projects

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 (\$10b Mkt Cap)**



~194ktpa FY22 Production

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

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

### Mt Cattlin Li Project

High quality lithium opportunity located in the Ravensthorpe lithium province

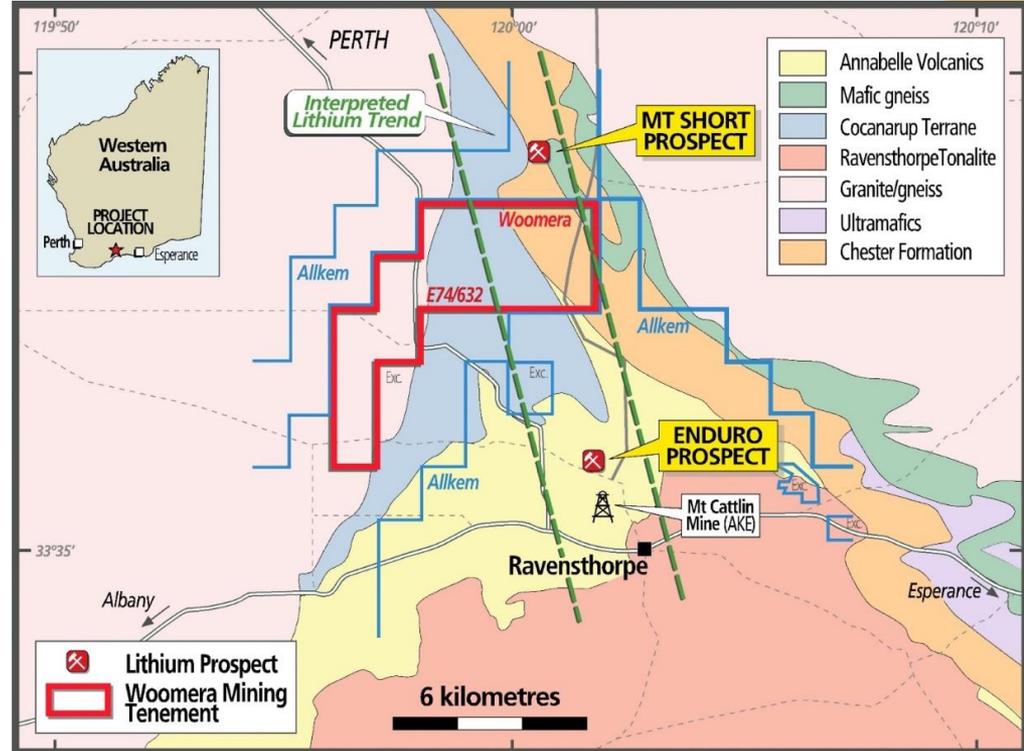
100% owned by Woomera Mining with RC drilling planned for late 2023

# MT CATTLIN Li PROJECT – 100% WML

## Auger Geochemical sampling

The Company completed an auger geochemical sampling program in February 2023 which identified two significant Li anomalies for drilling in 2023

Drilling will commence late 2023 once heritage surveys completed



# MT CATTLIN Li PROJECT – 100% WML

## Geochemical sampling

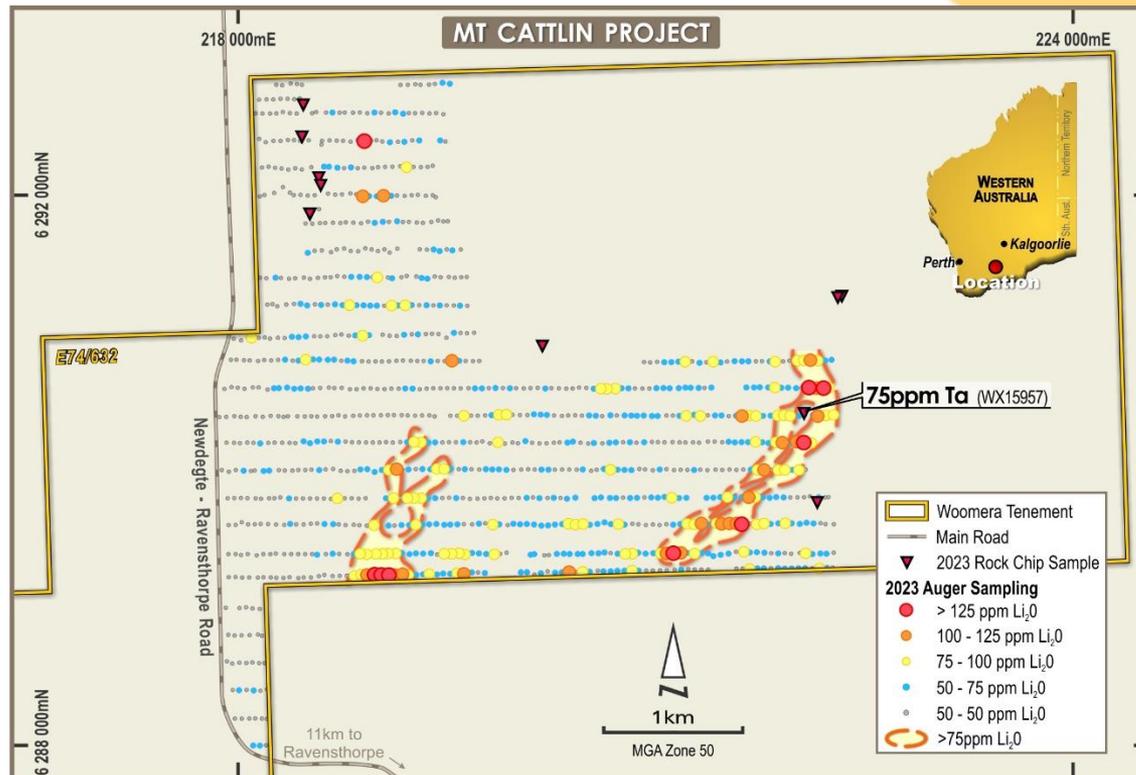
Eastern anomaly >1.5km strike length and open to the north

Western anomaly 1km strike length

Both on freehold farmland where the Company has access agreements

Drilling planned for late 2023 once cropping completed.

Geochem sampling planned for the Western portion of the tenement in early 2024



# MT SHORT Li JV–WML EARNING 70%

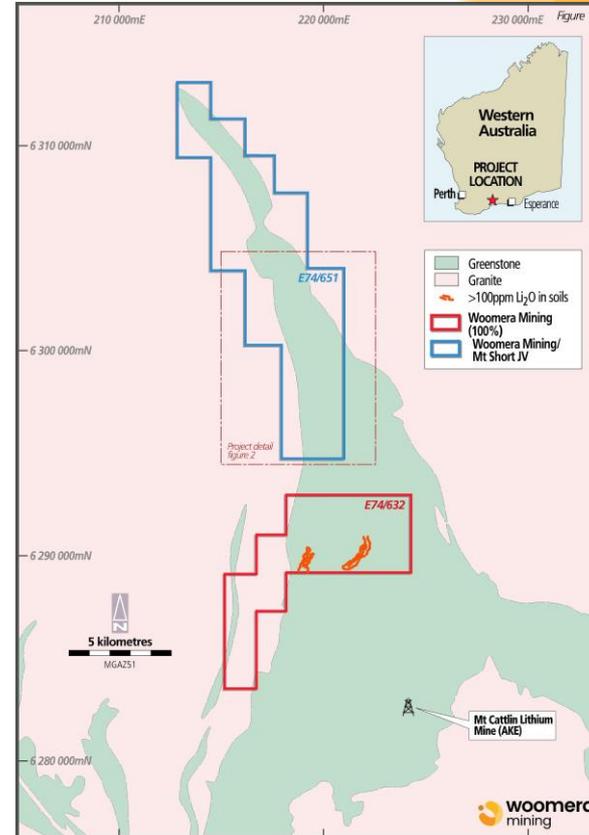
## Farm-In JV with Anax Metals Ltd

Woomera has entered into a Farm-In and Joint Venture to earn an initial 70% interest in Anax Metals Ltd's Mt Short Project.

The Mt Short project is located 2km north of Woomera's Mt Cattlin tenement at Ravensthorpe, WA and 13km north of the Mt Cattlin lithium mine.

Historic nickel exploration drilling has intersected a number of significant pegmatite zones across the Mt Short tenement.

RC drilling and soil sampling will commence once access agreements have been signed.



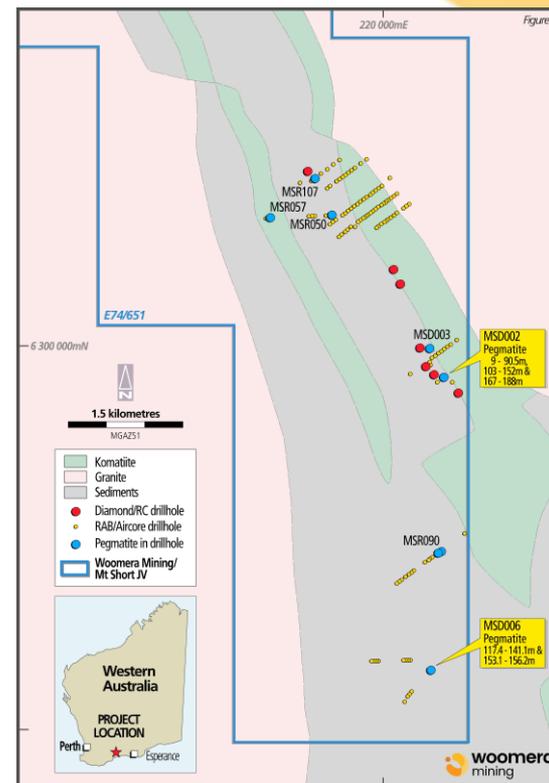
# MT SHORT Li JV–WML EARNING 70%

## Farm-In JV with Anax Metals Ltd

Multiple pegmatites intersected in historic base metal exploration by Billiton and Greenstone Resources

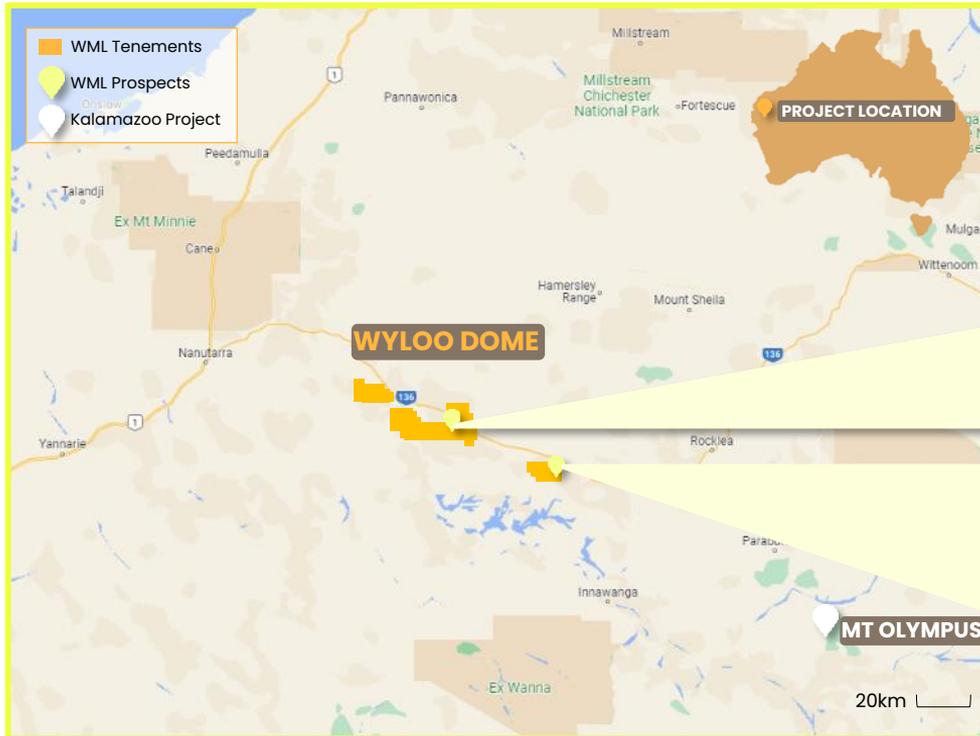
Hole ID	Company	Total Depth (m)	Hole Type	Pegmatite from (m)	Pegmatite to (m)	Pegmatite Intersection (m)
MSD002	Billiton	321.7	DD	9	90.85	81.85
				103.07	152.32	49.25
				167.33	187.81	20.48
MSD003	Billiton	310	DD	173.76	177.4	3.64
				186.06	187.94	1.88
MSD006	Billiton	275.7	DD	117.4	141.09	23.69
				153.1	156.21	3.11
MSR050	Greenstone	27	RAB	0	27	27
MSR057	Greenstone	9	RAB	0	9	9
MSR090	Greenstone	21	RAB	0	21	21
MSR091	Greenstone	33	RAB	0	33	33
MSR107	Greenstone	21	RAB	0	21	21

Refer to ASX Announcement dated 14 August 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.

VTEM<sub>TM</sub> MAX airborne electromagnetic survey – Completed

### **Golden Marra Mamba Prospect**

Significant rock chip anomalism up to 11.7 g/t Au coincident with a strong VTEM<sub>TM</sub> Max conductor.

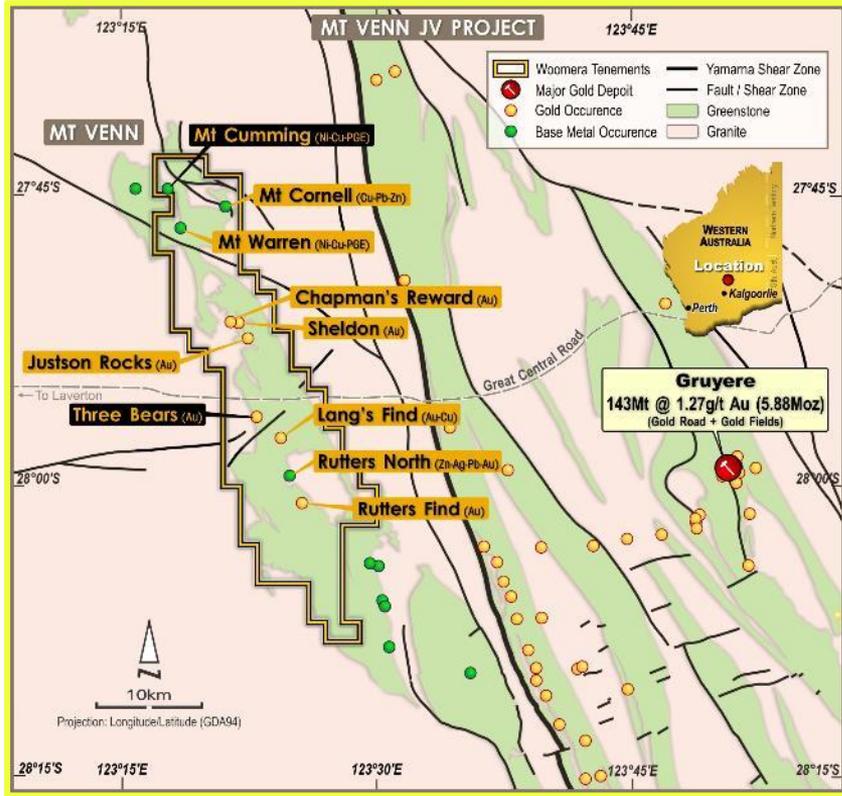
### **New Morning prospect**

Untested blind AEM conductor coincident with a large amplitude VTEM<sub>TM</sub> 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 secured for September 2023 with drilling to commence in the December quarter 2023**

# 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.

An external review has defined further Ni-Cu-PGE targets for drilling at Mt Cornell

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

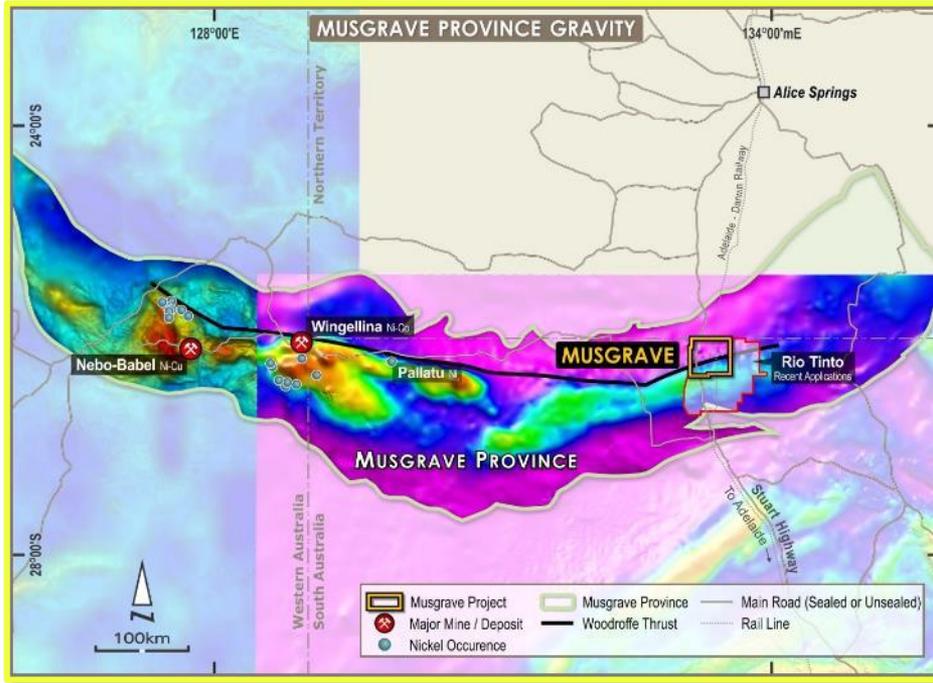
**5m at 0.31% Ni and 0.65% Cu** from 94-99m in MVRC065, including:

- 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

# 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).

Woomera completed an airborne EM survey over the prospective areas of the Musgrave Project in June 2023. Once final data is received and interpretations completed, the Company may utilise the ADI grant to fund target testing.

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

# LABYRINTH PROJECT

## Gawler Craton – World Class Cu-Au Province

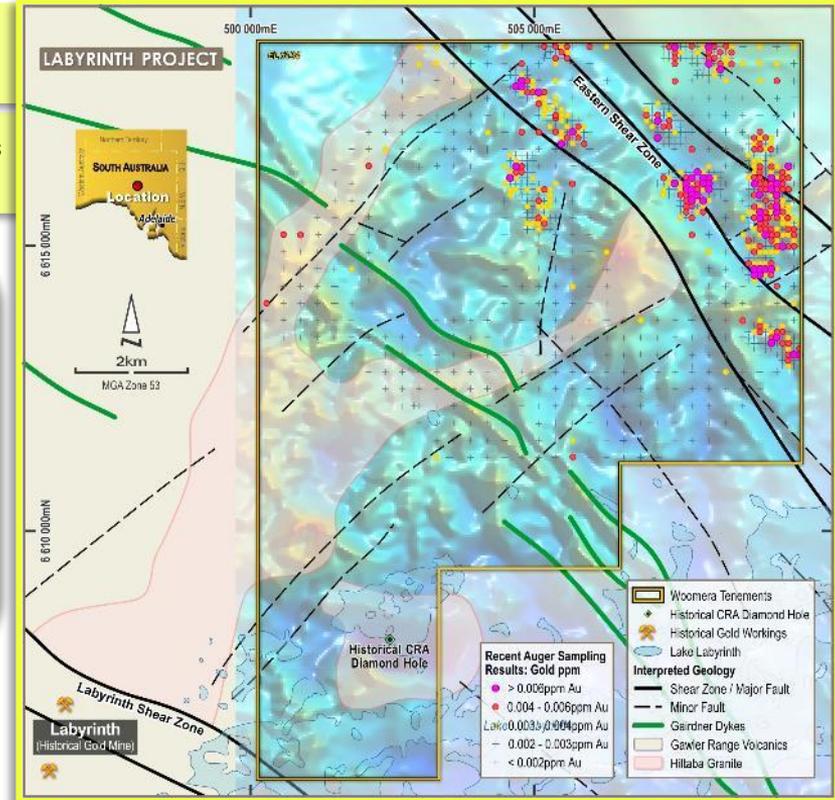
Located 60km east of the Tarcoola gold mine and 200km west of Coda Minerals' Elizabeth Creek IOCG discovery.

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.

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



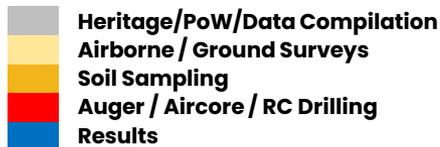
<sup>1</sup>Refer IDA Announcements 4 August 2020, 22 February 2021, 3 March 2021, 13 July 2021, 21 December 2021, 11 January 2022, 23 February 2022 and 15 March 2022.

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

# UPCOMING EXPLORATION

## Maintaining Momentum

Commodity	State	Project	Activity	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
Li	WA	Mt Cattlin /Mt Short Ravensthorpe	RC / Auger planned for late 2023	Grey	Grey	Grey	Red	Red	Blue
Au	WA	Wyloo Dome JV	Drilling will likely occur in the second half of 2023.	Grey	Red	Grey	Blue	Grey	Grey
Au + Ni-Cu-PGE	WA	Mt Venn JV	Review into the Mt Cumming Sill was commissioned	Grey	Grey	Red	Grey	Blue	Grey
Ni-Cu-Co	SA	Musgrave	Airborne EM survey completed over the prospective areas	Blue	Grey	Grey	Grey	Grey	Grey
Au + REE	SA	Labyrinth	Drilling once approvals and heritage surveys are completed	Grey	Grey	Grey	Grey	Grey	Grey



# 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

Geochemical sampling at Mt Cattlin has defined two high tenor Lithium anomalies for drilling and historic base metals exploration has identified a number of pegmatites at the Mt Short JV

### 3 Significant Potential

Drill ready Mt Cattlin north of existing Lithium mining and significant gold and base metal potential at other projects

### 4 Easy Access to Infrastructure

Woomera's assets are in investor-friendly mining jurisdictions, close to existing mines and/or deposits and have established infrastructure 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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