



Company Update

Investor Presentation
September 2022

Jason Livingstone
Managing Director

ASXWML

WOOMERA MINING LIMITED

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

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 and 15 March 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 change.

FORWARD LOOKING STATEMENTS

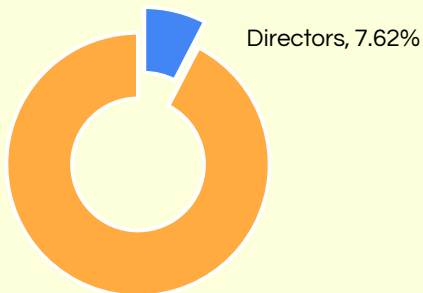
Certain statements in this document are or maybe "forward-looking statements" and represent Woomera's intentions, projections, expectations or beliefs concerning among other things, future exploration activities. The projections, estimates and beliefs contained in such forward-looking statements necessarily 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.

CORPORATE SNAPSHOT*

ASX: WML

Share Price (9 September 2022):	\$0.016	per share
Shares on Issue:	686.8	million
Options:	205.2	million
Market Capitalisation:	\$11	million
Cash (30 06 2022):*	\$1.6	million
Enterprise Value:	\$9.4	million

Major Shareholders



Note, as of 5/9/2022 - Top 20 = 28.62%

*Refer ASX Announcement "Quarterly Activities/Appendix 5B Cash Flow Report" 28 July 2022



Ian Gordon

Non-Executive Chair

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



Jason Livingstone

Managing Director

- +20 years (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 (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 (Lawyer & Company Director)
- Former Director of a number of 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:

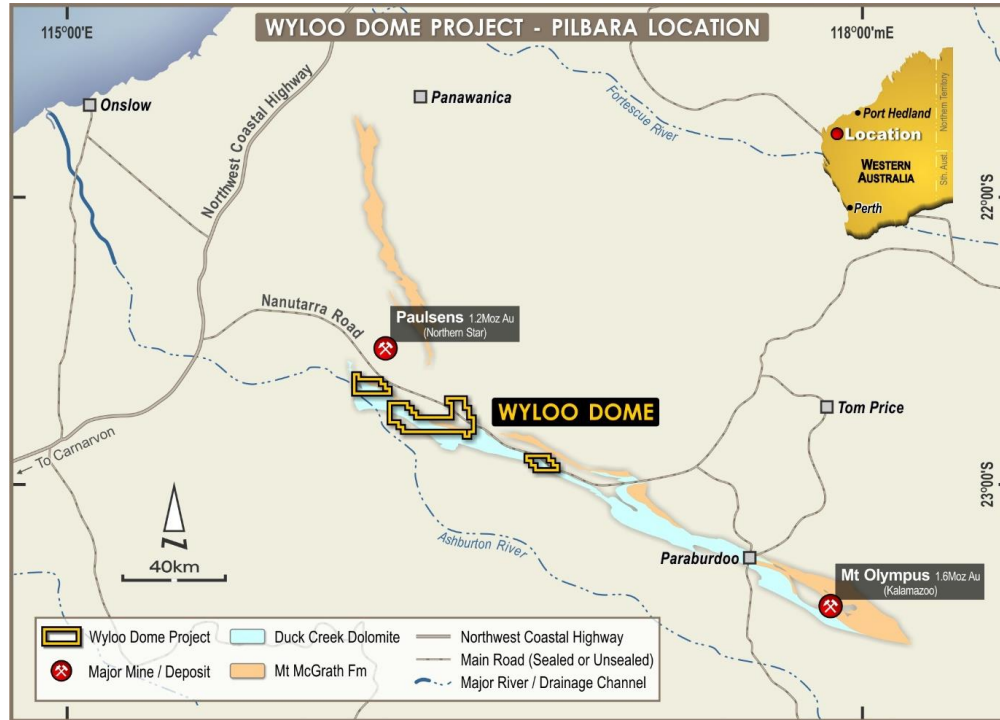
-  Ashburton – **Wyloo Dome JV (Au)** – WML earning 60%
-  Pilbara – **Pilgangoora (Li)** – 100% WML
-  South Yilgarn – **Lake Dundas & Ravensthorpe (Li)** – 100% WML
-  Yilgarn Craton – **Mt Venn JV (Au + Ni-Cu-PGE) Project** – 80% WML / 20% Cazaly Resources
-  Musgrave Province – **Musgrave (Ni-Cu-Co) Project** – 100% WML
-  Gawler Craton – **Labyrinth (Cu-Au) Project** – 100% WML

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



WYLOO DOME JV PROJECT

Underexplored Gold and Base Metal Project




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


A 2,031-line km VTEMTM MAX survey recently completed over Wyloo Dome, with 40-plus gold targets identified for follow-up.

Located between the high-grade Paulsen's and Mt Olympus gold mines in the Ashburton region of WA.

Project covers over 40km strike of the highly prospective Mt McGraths Formation, the favoured host rock for high grade gold mineralisation at Mt Olympus.

Immediate drill targets confirmed by VTEMTM MAX survey:

 Golden Marra Mamba, where historical exploration has returned high grade rock chips up to 11.7 g/t Au

 New Morning, where historical drilling returned 16m at 0.7 g/t Au proximal to conductor

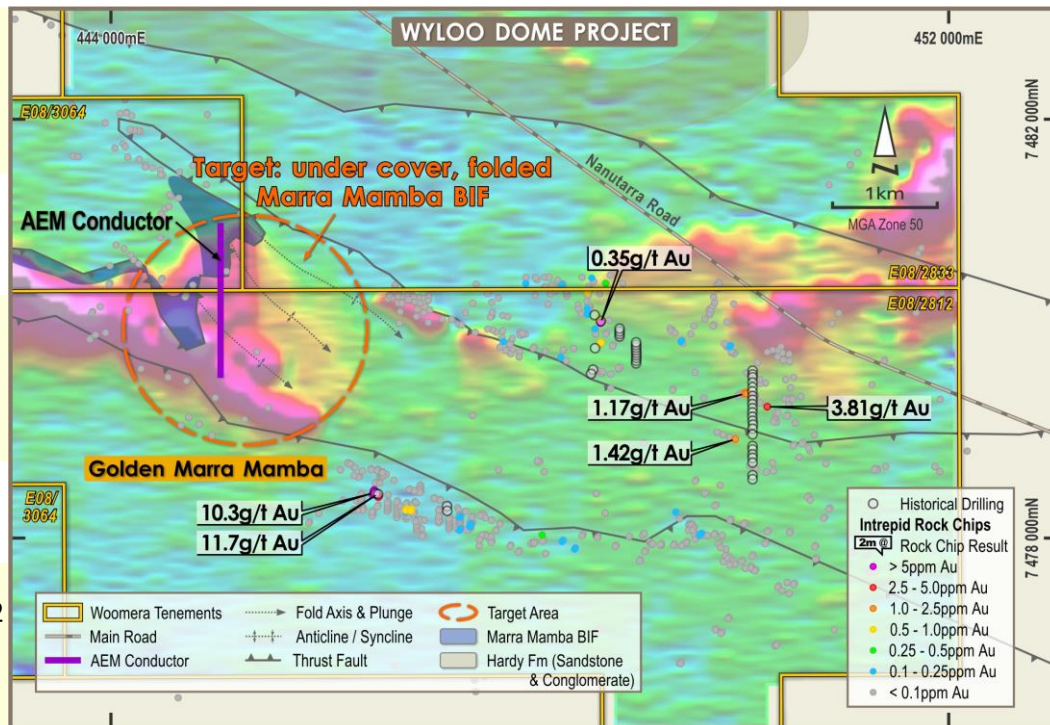
WYLOO DOME JV PROJECT

Golden Marra Mamba Prospect

Demonstrated geophysical anomalism with potential conductive host rocks (VTEM MAX) defining structural settings prospective for gold mineralisation

Highly anomalous rock chip sampling close to the interpreted conductor site – like New Morning, this information suggests a near-miss scenario

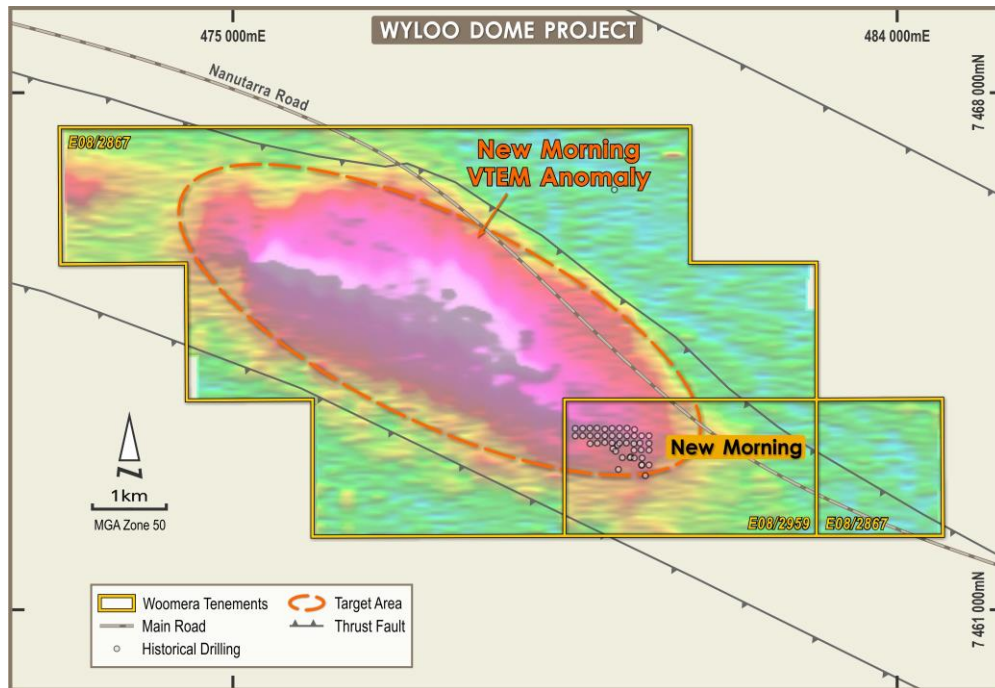
Drilling planned for December quarter 2022 once heritage surveys and regulatory approvals received



*Refer ASX Announcement "Wyloo Dome JV Demonstrates Significant Gold Potential" dated 22 Aug 2022

WYLOO DOME JV PROJECT

New Morning Prospect



At New Morning, an untested, recently defined, large amplitude VTEM™ MAX geophysical anomaly that is a potential conductive host for gold mineralisation

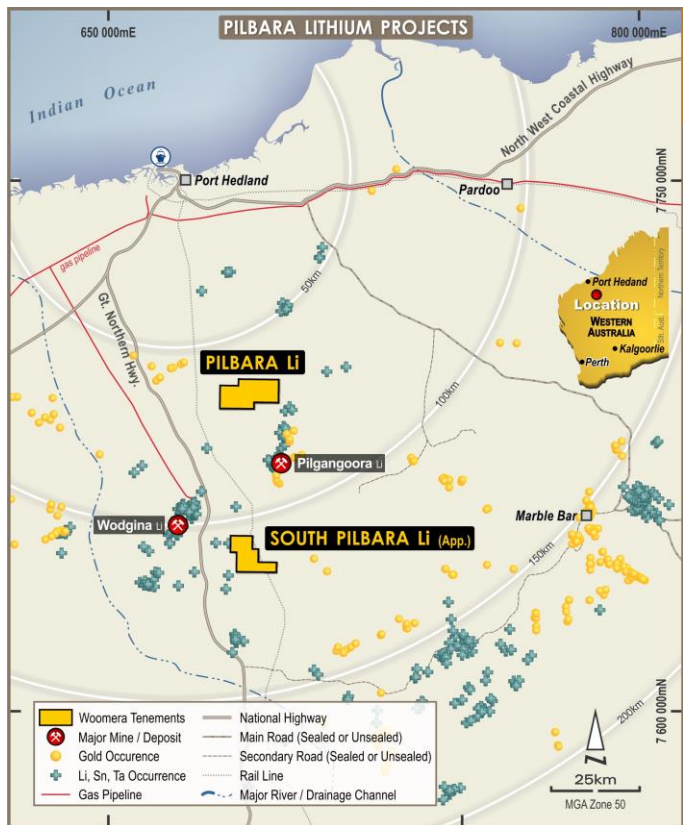
Area of interest lies adjacent to historical drilling that returned up to 16m at 0.7 g/t Au*, suggesting a near-miss scenario whereby this intersection is distal to the main mineralisation lode/s

Drilling planned for December quarter 2022 once heritage surveys and regulatory approvals received

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

PILBARA LITHIUM PROJECT

Right area, right rocks



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_2O);

Pilbara Minerals' Altura project (Mineral Resource estimate of 45.7Mt @ 1.06% Li_2O^2) acquired in January 2021 for US\$175 million³

Mineral Resources and Albemarle Corporation's Wodgina Lithium Project (Mineral Resource estimate of 259.2Mt @ 1.17% Li_2O^4)

Assays pending for soil sampling completed in August 2022 – review in progress

¹See Pilbara Minerals Limited ASX release "2020 Annual Report", 16 October 2020

²See Altura Mining Limited ASX release "Mineral Resource and Ore Reserve Estimate Update", 9 October 2019

³See Pilbara Minerals Limited ASX release "Acquisition of Altura Lithium Project Complete", 20 January 2021

⁴See Mineral Resources Limited ASX release "Wodgina Mineral Resource and Ore Reserve Update", 23 October 2018

SOUTH YILGARN LITHIUM PROJECTS

Mt Cattlin

Potential for lithium-caesium-tantalum (LCT) field to be more extensive than has been identified around Allkem's Mt Cattlin mine.

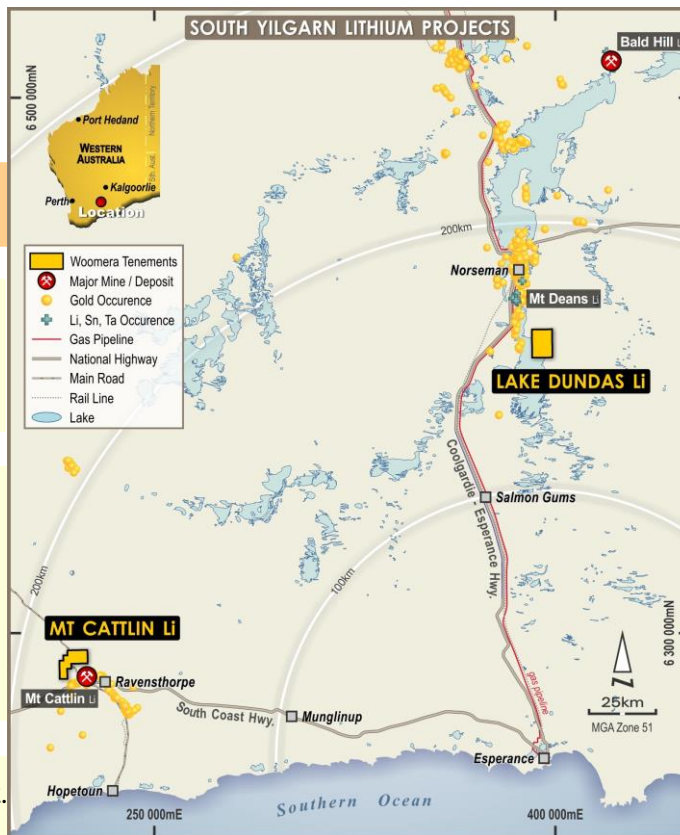
Pegmatites may extend into Woomera's project based on potential for multiple causative granite intrusions and relative timing of LCT pegmatite intrusions into known breaks/faults throughout the greenstone belt.

Soil sampling scheduled for Q4 2022.

Lake Dundas

Area is enriched in lithium minerals based upon open file (WAMEX) shallow auger soil sampling results up to 54ppm Li and comparative enrichments in lithium bearing salt lakes around the world*.

Drilling scheduled to commence in late September/early October 2022.



MT VENN PROJECT

Base Metal and Gold Exploration Project



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

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

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

Some assays are still awaited from 2022 drill program.

The Mt Venn Project is currently subject to an external review.

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

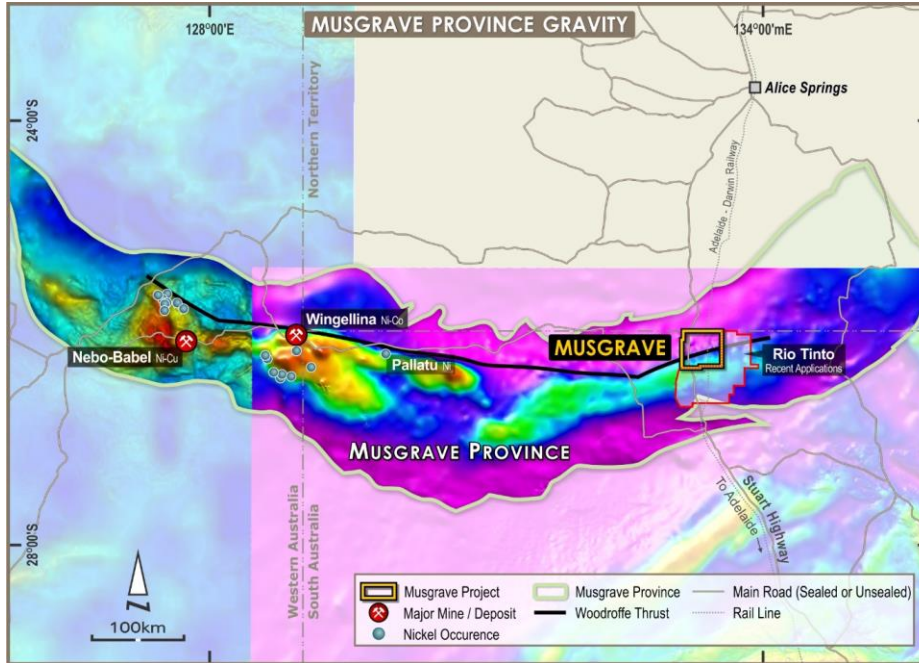


1m at 1.68% Cu from 97-98m

*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 1,600km² of granted tenure within the Musgrave Province, in South Australia.

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

Proximal to Craton margin and mantle tapping structures.

Prospective Giles Complex rocks that host OZL's Nebo-Babel Ni-Cu deposit identified on Project.

Historical assays up to **19m at 0.2% Ni¹** returned in ultramafic cumulates from 8m depth at Cavanagh (centre of project holding).

Rio Tinto recently acquired exploration license applications immediately to the east and south².

VTEMTM MAX Survey scheduled for last quarter of 2022.

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

²Refer ASX Announcement "Exploration update – SA Projects", 2 September 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.

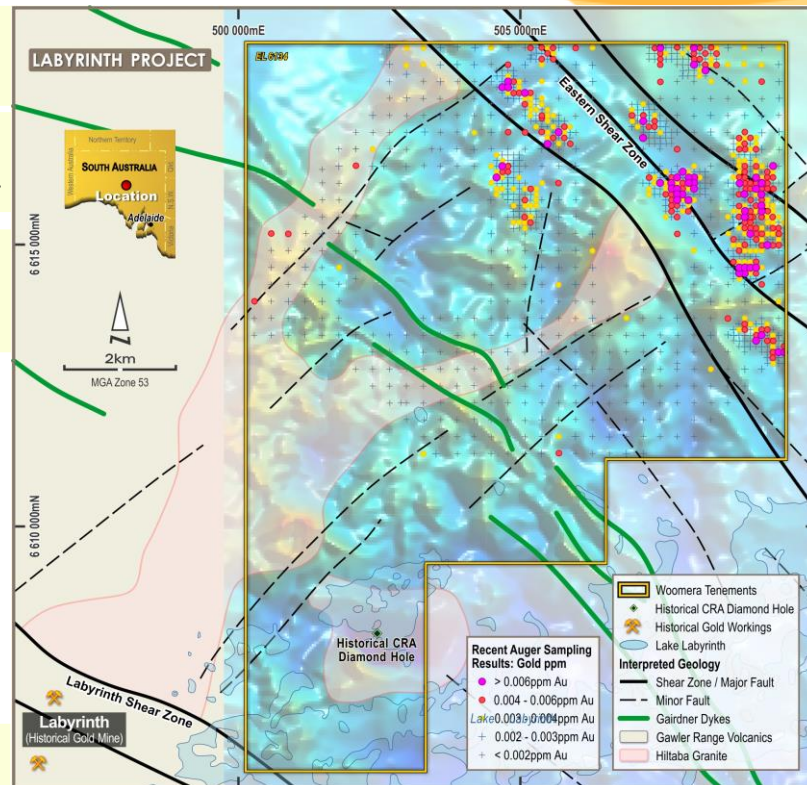
Known gold mineralisation associated with outcropping Hiltaba Suite Granites at the Labyrinth gold workings, immediately west of tenement.

Gold and rare earths anomalism demonstrated within a possible repetition, in the northeast of the Project area, of the Labyrinth Shear Zone that may have potential to host significant mineralisation:

As demonstrated by Indiana Resources' Minos and Ariadne prospects ~25km along strike¹.

Historic CRAE drill hole returned anomalous copper and neodymium (Elevated levels of copper (max 792 ppm) and neodymium (max 240 ppm) were recorded in peridotites and basalts respectively) close to the interpreted location of the Labyrinth Shear Zone².

Drilling planned for later this year – pending regulatory approvals etc.



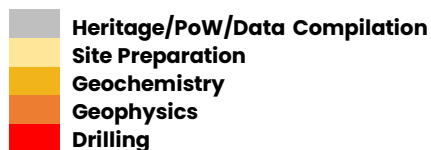
¹Refer IDA Announcements 4 August 2020, 22 February 2021, 3 March 2021, 13 July 2021, 21 December 2021, 11 January 2022, 23 February 2022 and 15 March 2022.

²Refer ASX Announcement "Prospectus", 5 December 2017.

UPCOMING EXPLORATION

Maintaining Momentum

State	Project	Activity	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
SA	Musgrave	VTEM Survey						
SA	Labyrinth	Soil anomalism drill testing						
WA	Mt Venn JV	Full external review, report previous results						
WA	Pilbara Lithium	Submit, analyse and review soil sampling						
WA	Lake Dundas Li	Complete first pass drilling						
WA	Mt Caitlin Li	Complete regional geochemistry surveys						
WA	Wyloo Dome JV	Prepare and drill test - New Morning & Golden Marra Mamba						



H2 2022 Exploration into H1 2023

INVESTMENT CASE

Australian Explorer with High Quality Exploration Assets

- 1 High Quality Assets**

Focused on large, highly prospective, under-explored land positions in world class mineral provinces
- 2 Recent Exploration Success**

High priority drill targets defined by geophysical and geochemical surveys at Wyloo and Labyrinth.
- 3 Significant Potential**

Further target definition work planned including VTEM™ Max survey at Musgrave and geochemical surveys across WA lithium 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 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



www.woomeramining.com.au

THANK YOU

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

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