



South Australian Exploration and Mining Conference

2 December 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

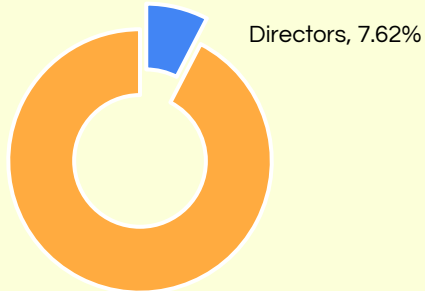
Certain statements in this document are or maybe "forward-looking statements" and represent Woomera's intentions, projections, expectations or beliefs concerning among other things, future exploration activities. The projections, estimates and beliefs contained in such forward-looking statements necessarily 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 (1 December 2022):	\$0.015	per share
Shares on Issue:	940	million
Options:	205	million
Market Capitalisation:	\$14.1	million
Cash (30 09 2022):*	\$0.6*	million
Enterprise Value:	\$13.5	million

Major Shareholders



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



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:M16)
- 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:XXM)



* Please note the recent completion of a \$1.25 million placement and the underwritten rights issue that has raised a further \$2 million – refer to ASX Announcement titled "Issue of Entitlement Offer Shares" dated 22 November 2022

PROJECT OVERVIEW



Prospective Australian Exploration

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



South Australian Assets

-  Gawler Craton - **Labyrinth (Rare Earth-Cu-Au) Project** – 100% WML
-  Musgrave Province - **Musgrave (Ni-Cu-Co) Project** – 100% WML

Western Australian Precious+Base+Rare Metal Assets

-  Ashburton - **Wyloo Dome JV (Au)** – WML earning 60%
-  Yilgarn Craton - **Mt Venn JV (Au + Ni-Cu-PGE) Project** – 80% WML / 20% Cazaly Resources

West Australian Lithium Assets

-  South Yilgarn - **Lake Dundas & Ravensthorpe (Li)** – 100% WML
-  Pilbara - **Pilgangoora (Li)** – 100% WML



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

LABYRINTH PROJECT

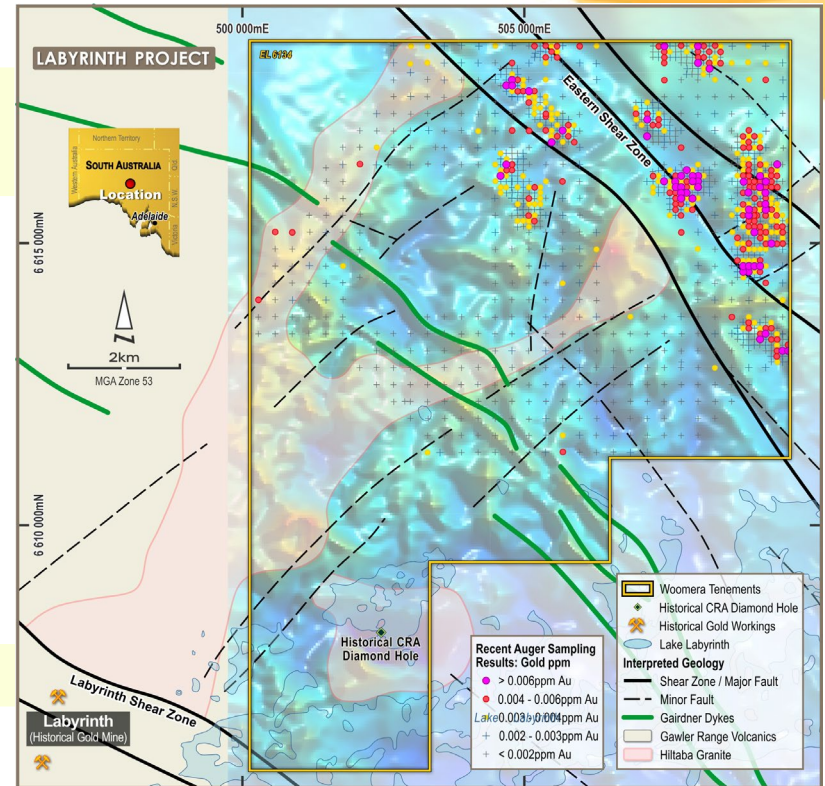
Gawler Craton – World Class Cu-Au Province

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

Anomalism supported 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 early next year – pending regulatory approvals etc.

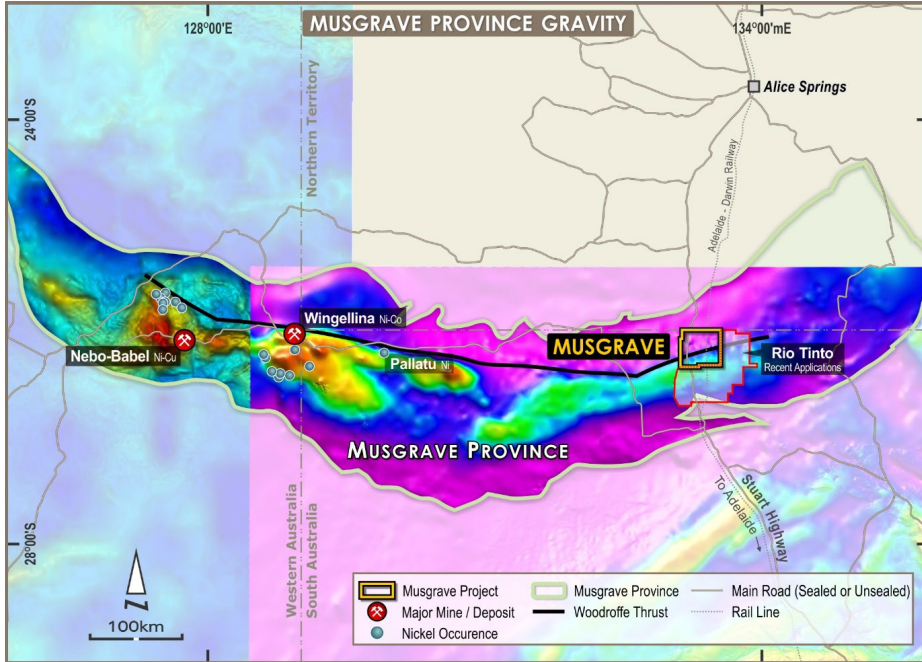


¹Refer IDA Announcements 4 August 2020, 22 February 2021, 3 March 2021, 13 July 2021, 21 December 2021, 11 January 2022, 23 February 2022 and 15 March 2022.

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

MUSGRAVE PROJECT

Underexplored Ni-Cu-Co Province



WML holds over 1,600km² of granted tenure within the Musgrave Province, South Australia

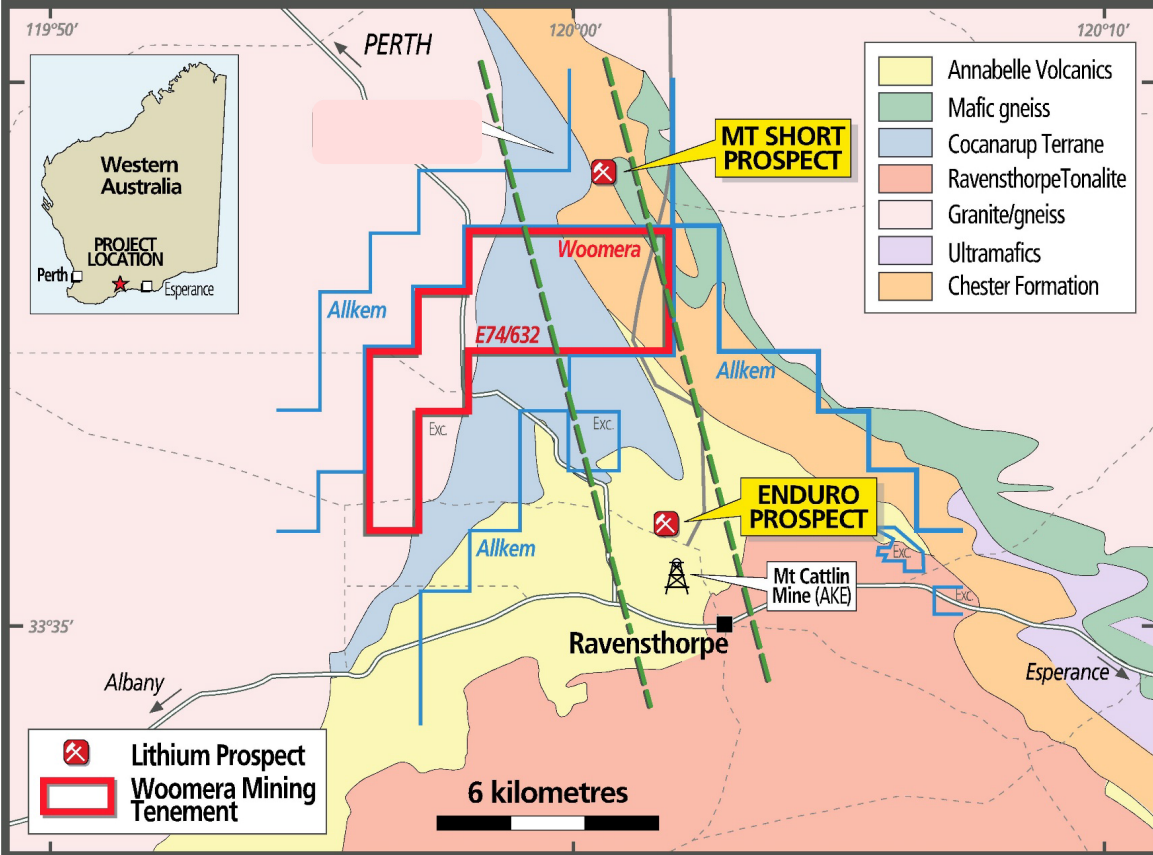
Similar geological setting to Nebo Babel Ni-Cu and Wingellina Ni-Co deposits

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

VTEMTM MAX Survey scheduled for early second quarter of 2023

SOUTH YILGARN LITHIUM PROJECTS

Mt Cattlin Li Project – 100% WML



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

Soil/Rock Chip sampling scheduled for Q4 2022

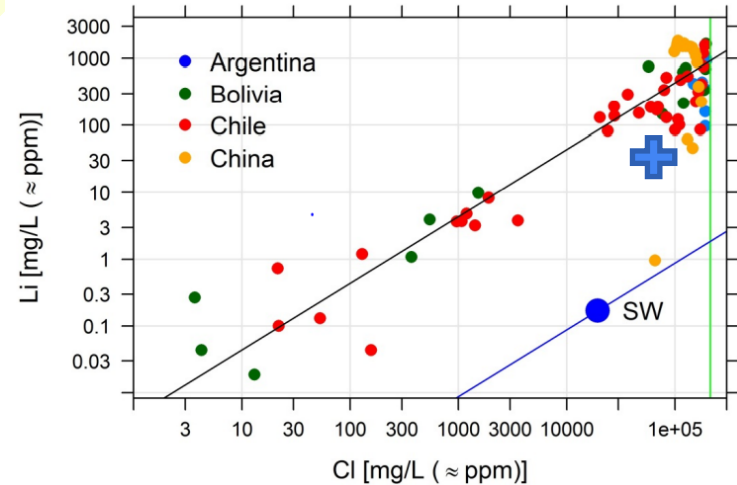
SOUTH YILGARN LITHIUM PROJECTS

Lake Dundas Li Project – 100% WML

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*.

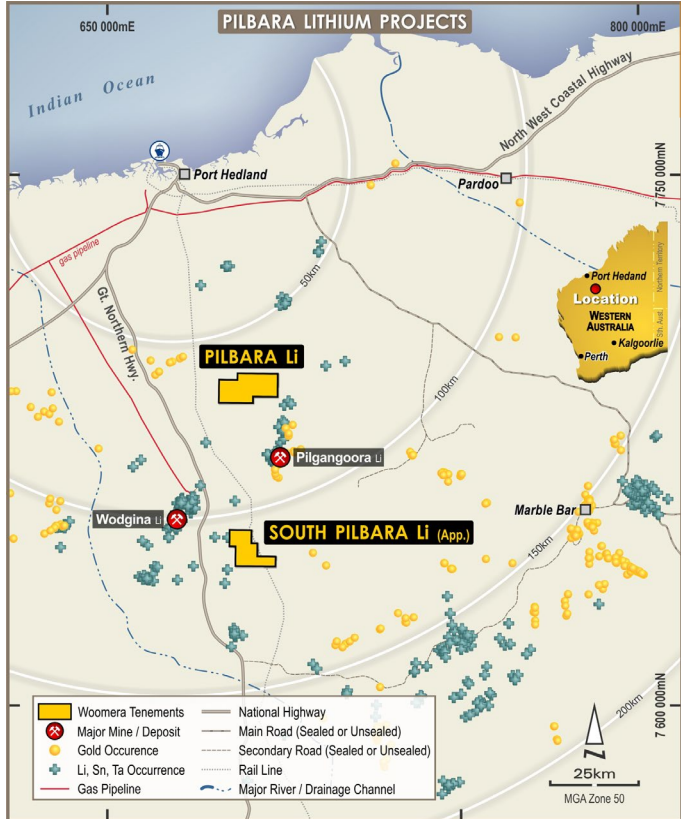
Drilling completed, results pending.

Chart Below: Lithium concentrations as a function of chloride for productive lithium salt lake mineral systems. The large blue dot and blue line represents sea water. The black line is the trend at 500 times enrichment in lithium compared to seawater. The large blue cross depicts the Lake Dundas soil geochemistry peak (54ppm Li) and chlorite salinities in Lake Dundas (>50,000ppm Cl). It plots close the cluster of lithium productive salt lakes in South America and China, suggesting more sampling is required within the lake.



*www.ga.gov.au/corporate_data/76454/Rec2013_039.pdf A Review of Australian Salt Lakes and Assessment of their Potential for Strategic Resources

PILBARA LITHIUM PROJECT



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)

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

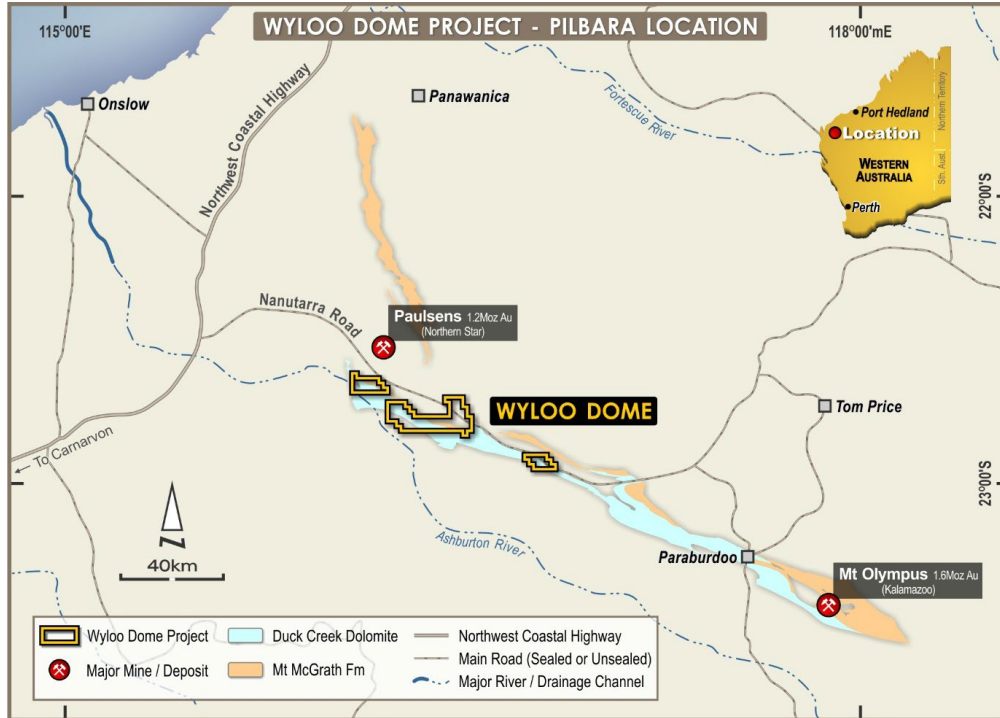
²See Altura Mining Limited ASX release “Mineral Resource and Ore Reserve Estimate Update”, 9 October 2019

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

WYLOO DOME JV PROJECT

Underexplored Gold and Base Metal Project



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

Located between the high-grade Paulsens and Mt Olympus gold mines in the Ashburton region of WA

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

Immediate drill targets confirmed by VTEM™ 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

MT VENN PROJECT

Base Metal and Gold Exploration Project



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

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 MVR064, 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 MVR065, 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



www.woomeramining.com.au

THANK YOU

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

Phone
+61 8232 6201

General Enquiries
info@woomex.com.au or
jason.livingstone@woomex.com.au

Principle Office Address
Suite 116,
147 Pirie Street
Adelaide SA 5000

