



# ASX Announcement

23 November 2023

## Presentation for RIU Resurgence Conference

OzAurum Resources Ltd (**OzAurum** or the **Company**) (ASX: **OZM**) is pleased to advise that the Company is presenting at the RIU Resurgence conference currently being held in Perth.

OzAurum Managing Director and CEO, Andrew Pumphrey, will be delivering the presentation, a copy of which is attached to this announcement, on Thursday 23 November 2023.

### For Further Information please contact;

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This ASX Announcement was approved and authorised by OzAurum's Managing Director, Andrew Pumphrey.

### About OzAurum

OzAurum Resources Ltd (ASX: OZM) is a Western Australian explorer with advanced gold projects located 130 km northeast of Kalgoorlie and projects in Minas Gerais, Brazil, prospective for Lithium. The Company's objective is to make a significant discovery that can be brought into production.

For more information on OzAurum Resources Ltd and to subscribe to our regular updates, please visit our website at [www.ozaurumresources.com](http://www.ozaurumresources.com) or contact our Kalgoorlie office via email on [info@ozaurumresources.com](mailto:info@ozaurumresources.com).



Investor Presentation  
RIU Resurgence

22<sup>nd</sup> + 23<sup>rd</sup> November 2023

OzAurum Resources Limited

(ASX: OZM)

# Important information

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Full details of exploration results can be found in the Company’s ASX Announcements listed in Appendix 1.

## **This is not an offer**

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## **Cautionary Statement**

Certain information in this announcement may contain references to visual results. The Company draws attention to the inherent uncertainty in reporting visual results. Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analysis where concentrations or grades are the factor of principle economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations. Full details in relation to visual results can be found in the Company’s announcement dated 27 September 2023

# Investment highlights – focus on Discovery + Development

## Advanced, 100%-owned\* Lithium projects in Brazil

### Linopolis Jaime Project

- Spodumene zone identified +7m true width
- Spodumene only grades up to 7.36% LiO<sub>2</sub> average 6.94% LiO<sub>2</sub>
- Immediate target for diamond drilling
- Over 20 LCT pegmatites within project area
- Past production of tantalite, beryl, tourmaline, brazilianite, feldspar
- Project intermittently mined by Pacheco family + Artisanal for +50 years
- OZM owned diamond drilling capability – Rig purchased

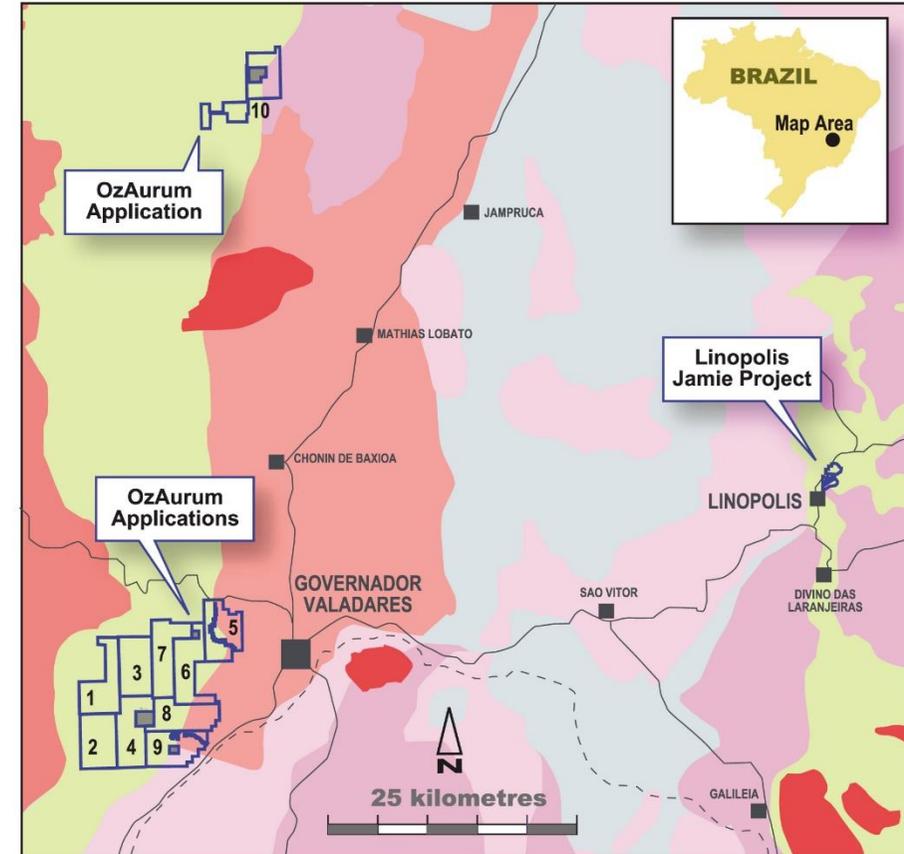
### OzAurum Lithium Applications

- 20,000ha consolidated application area
- Known LCT pegmatite host – Muscovite Schist
- Adjoins tenure held for beryl on strike from prolific LCT pegmatite area
- Active Brazil Lithium Acquisition Strategy

\* Full details, including the material terms of acquisition, can be found in the Company's ASX Announcement on 15 September 2023.



## Brazil Lithium Project



### INTERPRETED GEOLOGY LEGEND

Granite	Granodiorite
Biotite Gneiss	Sao Vitor Tonalite
Granite Gneiss	Galileia Tonalite
	Muscovite Schist

### LEGEND

OzAurum Tenement Application
Excised
Sealed Road
Railway

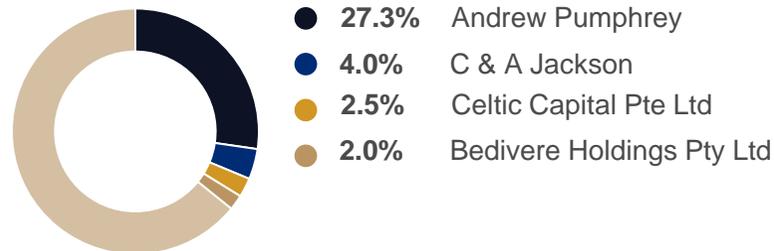
# Corporate structure & team – extensive experience

## Capital Structure

<b>159M</b> Shares on issue ASX: OZM	<b>\$28.6M</b> Market Cap At \$0.18/share
<b>\$2.9M</b> Cash (As at 30 Sept 2023)	<b>Nil</b> Debt (As at 30 June 2023)
<b>\$25.7M</b> Enterprise Value	<b>32.0M</b> Unlisted Options* 13.7M Ex-Price \$0.375 cps 18.3M Ex-Price \$0.11 cps

\* 18.3M options exercisable at \$0.11 are to be issued subject to shareholder approval

## Major Shareholders



## Directors & Management

<b>Jeff Williams</b>	<b>Non-Executive Chairman</b> 40+ years experience
<b>Andrew Pumphrey</b>	<b>CEO - Managing Director</b> 30+ years experience
<b>Andy Tudor</b>	<b>Non-Executive Director (NXM: Managing Director)</b> 35+ years experience
<b>Stephen Hewitt-Dutton</b>	<b>CFO - Company Secretary</b> 25+ years experience

Share Price and Volume - 12 Months to 21 November 2023



# Strategic location – Minas Gerais State Brazil

## Eastern Brazilian Pegmatite Province

- OzAurum's Brazil Lithium Project – strategically located and in the heart of Eastern Brazilian Pegmatite Province Lithium Valley – Minas Gerais State
- Existing Lithium producers Sigma + CBL 200km north of OZM
- \*Sigma Lithium Grota do Cirilo open pit mining, Reserves 54.8 Mt @ 1.44% LiO<sub>2</sub> planned production rate 107,000 tpa Lithium Carbonate Equivalent “LCE”. Concentrate trucked to Port of Vitoria
- \*CBL Mina da Cachoeira underground mine concentrate trucked to their Divisa Alegre plant 180km's north produce a LCE at 1,500 tpa.
- **Minas Gerais State – Significant Mining State of Brazil with iron ore + pig iron production BHP (Samarco) + Vale exported through Port of Vitoria**
- Excellent infrastructure sealed highway/road network, hydroelectric power reticulated throughout the state, ample water. Major export Port of Vitoria 250km only southeast.



\* See *Sigma Lithium website project summary for details on targeted production rate etc* <https://sigmalithiumresources.com>

\* See *CBL website for company and project details-* <http://cblitio.com.br>

Figure: Brazil + State of Minas Gerais

# Linopolis Jaime Lithium Project

## Unlimited Potential

- Pacheco Family + Artisanal mining of LCT Pegmatites + 50 years
- Previously mined tantalite, beryl, tourmaline + feldspar
- No previous exploration on project presents unique opportunity for discovery
- Over 20 LCT pegmatites north-south striking + late with sharp contacts
- S type granite mapped
- Classic geological setting for lithium deposits
- Diamond drilling – Rig purchased and well advanced for drilling

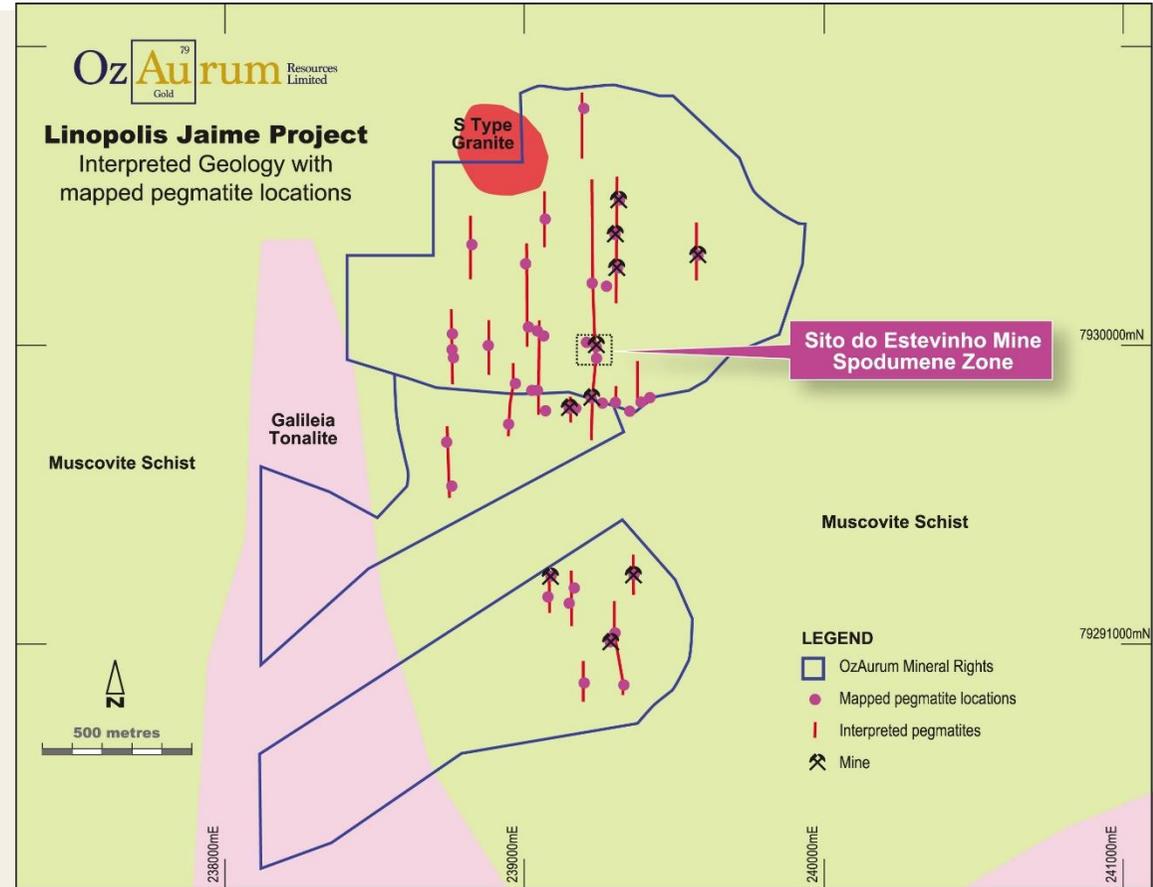


Figure: Linopolis Jaime Project interpreted geology with pegmatite locations recently mapped

# Sito do Estevinho Mine

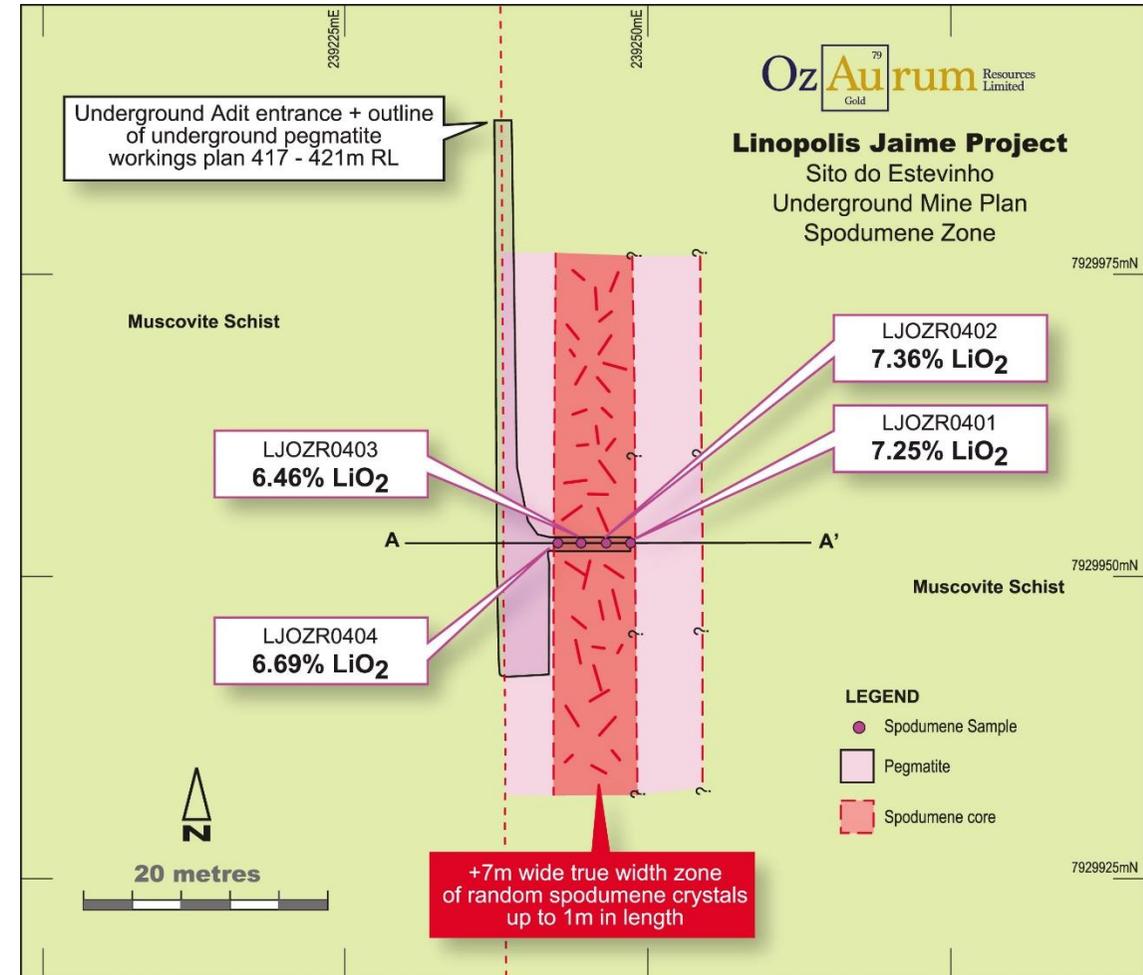
## Spodumene Zone identified

- +7m wide spodumene zone identified in crosscut at the Sito do Estevinho underground mine
- Giant Spodumene crystals up to 1m in length within zone
- Sampling of Spodumene only lithium grades up to 7.36% LiO<sub>2</sub> average grade 6.94% LiO<sub>2</sub>
- Immediate diamond drill target - discovery potential



Typical of spodumene crystals within Spodumene Zone in Jaime Linopolis Sitio do Estevinho underground mine. Massive fresh spodumene (Spo) . White domains are partially kaolinized spodumene along fractures (Spo Kao). Spodumene with skeletal/corroded texture (Spo SK).

Figure: Spodumene Zone Sito do Estevinho underground mine plan with interpreted geology



# State Minas Gerais + Governador Valadares Brazil

## Excellent Infrastructure

- State of Minas Gerais well established mining industry
- Governador Valadares Population 281,000
- Skilled professionals + trades
- Service Hub with support industries located Governador Valadares
- Excellent sealed highway/road network to Linopolis Jaime
- Hydroelectric power reticulated through state
- Railway runs through Governador Valadares -250km to Port at Vitoria
- 80Mt year of iron ore is exported through Port at Vitoria



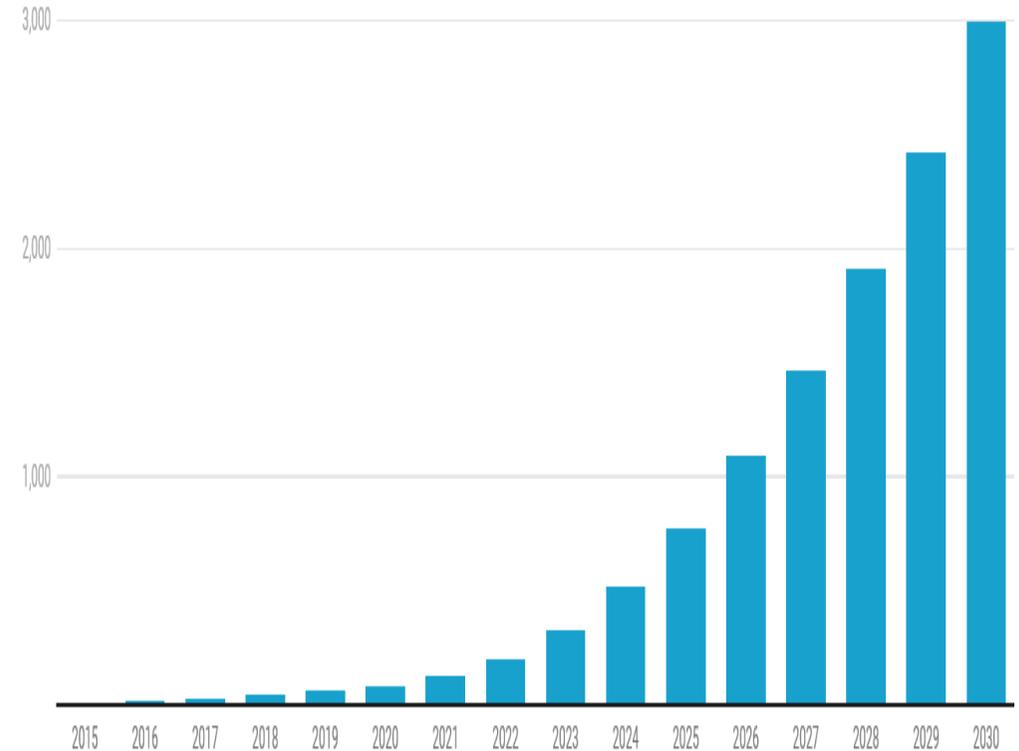
# Why – Lithium?

## Future battery metal

- Lithium demand outstrips supply next 10 years
- \*To meet worlds lithium requirements 74 new mines average size 45,000 tons by 2035
- \*Demand for lithium-ion batteries 2030 expected 954% increase in demand over current demand in gigawatt hrs
- \*Daimler Trucks planning \$2-3 billion battery gigafactory to produce lithium iron phosphate cells in the US JV with Daimler - Cummins – Paccar
- \*2035 bans sale of new gasoline powered cars in California

## US EV Battery Demand – source BloombergNEF, September 2022

Cumulative demand, in gigawatt hours



\* Casper Rawles Benchmark Mineral Intelligence <https://www.emergingtechbrew.com/stories/2023/02/16/a-by-the-numbers-look-at-lithium-a-key-commodity-for-automakers>

\* Casper Rawles at Benchmark Mineral intelligence <https://source.benchmarkminerals.com/article/daimler-to-build-lfp-gigafactory-in-us-with-joint-venture-partners>

\*<https://news.bloomberglaw.com/environment-and-energy/electric-vehicles-to-drive-massive-battery-demand-bnef-chart>

\*<https://www.emergingtechbrew.com/stories/2023/02/16/a-by-the-numbers-look-at-lithium-a-key-commodity-for-automakers>

# OZM Gold Mulgabbie North + Patricia

## Two advanced, 100%-owned gold projects in Western Australia

### Mulgabbie North Gold Project

- 8km strike of unlimited potential for multiple deposits in a defined gold corridor
- \*Maiden Resource 268,000 oz's - 11.6Mt @ 0.70 g/t Au
- High-grade Reverse Circulation (RC) and Diamond drilling (DD) gold results over 2.2km
- High-grade AC gold results over 4.2km along Relief Shear – targets for RC drilling into fresh rock
- Adjacent to operating (NST.ASX) 3.2 Mtpa gold Mill
- Heap Leach Scoping Study underway

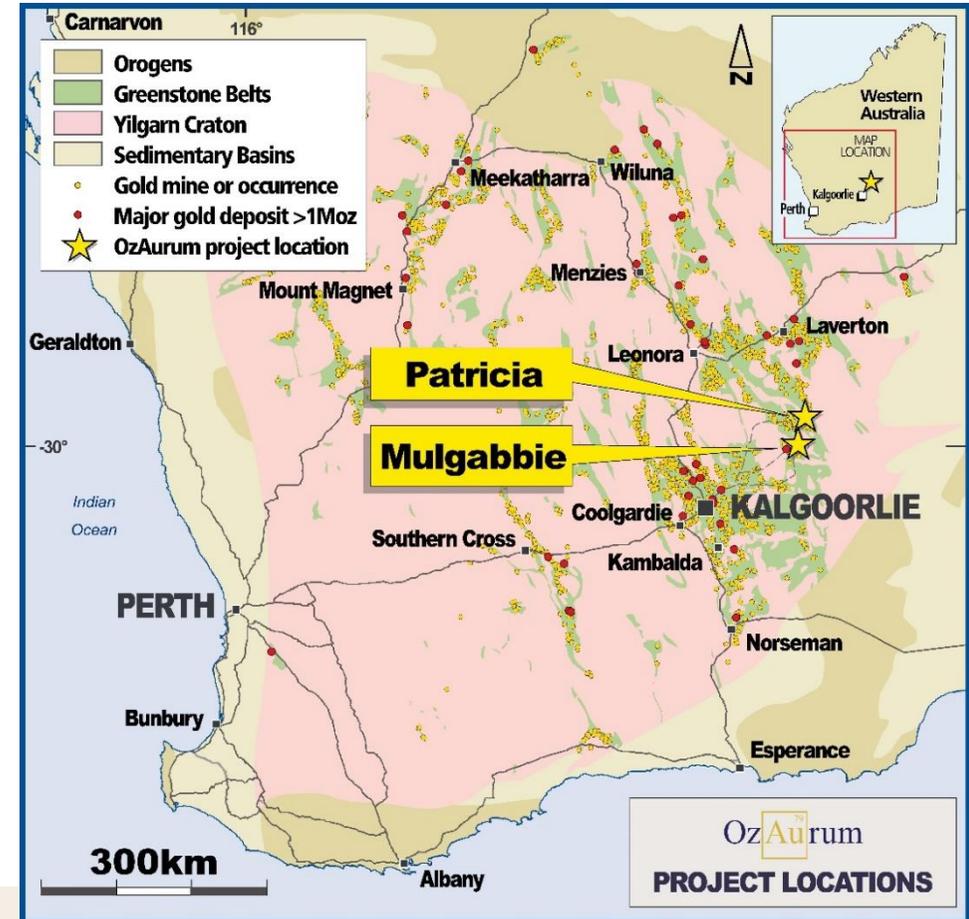
### Patricia High-Grade Gold Project

- High-grade gold project with limited historical exploration
- RC and Diamond drill testing - Open at depth
- Historical Production (1930-37) 5,384 oz gold – 42 g/t Au

93,833M Combined RC and AC drilling completed to date

\*See OZM ASX Announcement 18<sup>th</sup> July 2023 for more details

Figure: WA Project Location plan

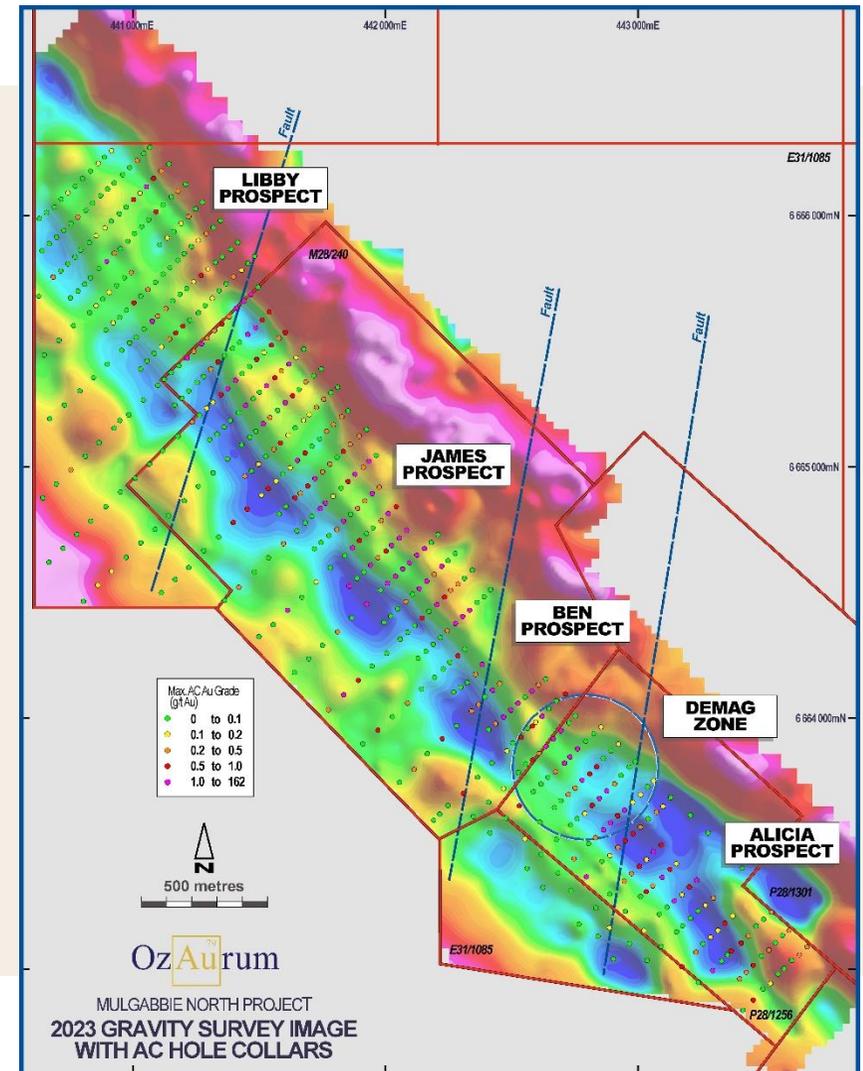


# Mulgabbie North – Exploration Potential widespread gold mineralisation

## Right host rocks, extensive alteration and mineralisation

- Exploration discovery upside
- 4.2km long x up to 150m wide zone of widespread gold mineralisation along the Relief Shear situated in gravity low trough similar to Carosue Dam corridor of riches.
- EOH AC geochemical classification
- Mulgabbie North Intermediate – felsic volcanoclastic host rocks part of Carosue Dam stratigraphy, extensive sericite alteration along the 4.2 km long Relief Shear, with hematite alteration in some areas
- Late clastic basin unconformity intersected in diamond holes
- Intrusive Porphyries seen in RC drilling
- 3D + 2D Seismic Interpretation + 3D model identified four significant North - South faults
- All NST Carosue Dam gold deposits (3.5 mill oz's) occur on similar interpreted North - South fault positions and cross faults

Figure: Mulgabbie North AC Max gold with gravity image



# Patricia – high grade gold project

## Potential high grade gold discovery opportunity

- **100% owned** situated northeast (NE) of Kalgoorlie + 40km NE of Mulgabbie
- Granted **Mining Lease M31/487**
- Historical production (1930-1937) of 5,384 oz's gold – **41 g/t Au**
- Targeting high grade gold mineralisation at depth
- **4m @ 38.08 g/t Au**– (from 99m within **8m @ 20.90 g/t Au**) including **1m @ 93.90 g/t Au** – PTORC 002
- Previous exploration limited at depth



Figure: Patricia open pit

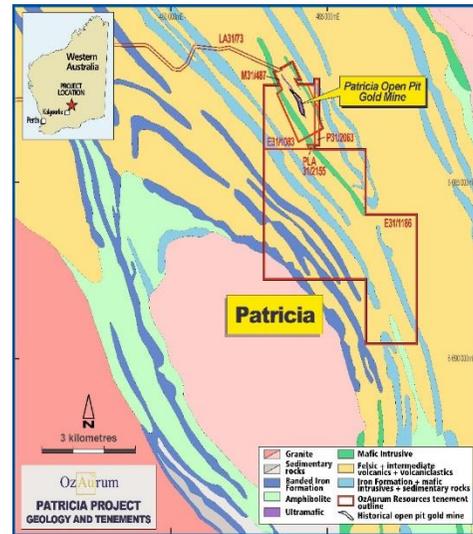


Figure: Patricia Project Plan

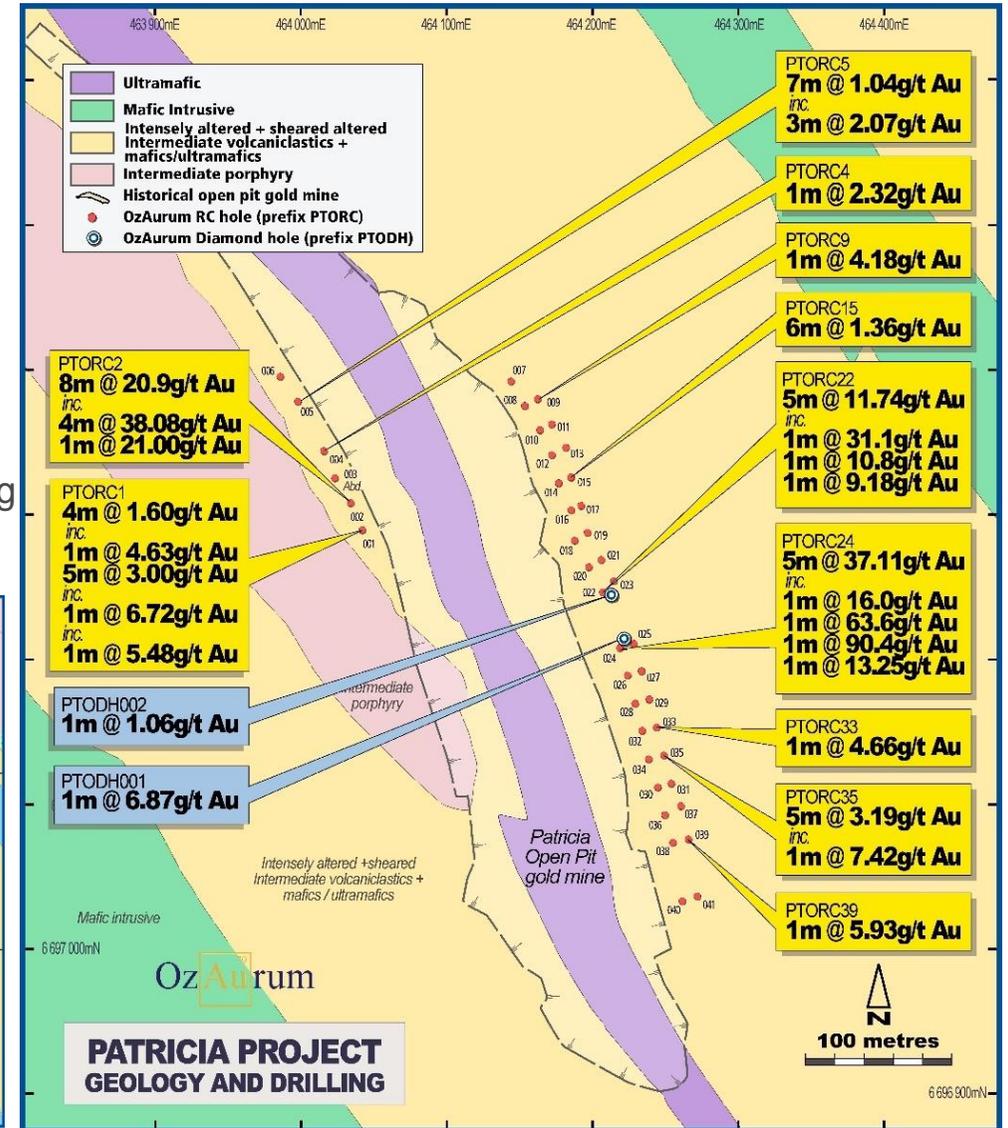


Figure: Patricia Gold Project Drill results

# Ongoing advanced exploration + activities – timeline

## Brazil Lithium Exploration

<b>Jaime Linopolis Project</b>	<b>Q4 2023</b>	<b>Q1 2024</b>
Establish OZM inhouse diamond drilling capability	●	
Diamond Drilling		●
Ongoing Geological Mapping etc	●	●

<b>Governador Valadares Applications 20,000ha</b>	<b>Q4 2023</b>	<b>Q1 2024</b>
Granting of these tenements	●	●
1 <sup>st</sup> Pass Reconnaissance mapping and sampling		●
Active Ongoing Lithium Acquisition Strategy	●	●



# Why Invest in OZM?

## Brazil Lithium + Western Australia Gold

- Proven track record of putting all the money in the ground - 93,000m to date
- Lithium growth story not stopping
- Existing projects offer advanced lithium targets
- Potential significant lithium discovery
- Active project acquisition strategy – Brazil lithium
- Brazil excellent infrastructure + mining jurisdiction
- Western Australian Gold exposure well located advanced projects with upside





Oz<sup>79</sup>Aurum  
Gold

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*OzAurum Managing Director +  
CEO, Andrew Pumphrey,  
underground Brazil*

# Appendix

## Full details of the Company's drilling results

**Table 1: OzAurum Mulgabbie North Drilling result ASX Announcement dates**

ASX Announcement Date	Drill Hole Reference
08-Mar-2021	MNORC009 – MNORC017
15-Mar-2021	MNOAC001 – MNOAC031
20-Mar-2021	MNOAC032 – MNOAC131
12-Apr-2021	MNORC018 – MNORC038
24-May-2021	MNOAC132 – MNOAC204
31-May-2021	MNORC039 – MNORC084
21-Jun-2021	MNOAC205 – MNOAC334
13-Jul-2021	MNORC085 – MNORC080
19-Aug-2021	MNORC081 – MNORC104
24-Sep-2021	MNORC109 – MNORC110
08-Nov-2021	MNORC105 – MNORC108, MNORC111 – MNORC124
21-Feb-2022	MNORC125 – MNORC172
21-Apr-2022	MNORC173 – MNORC183
02-Sep-2021	MNOAC335 – MNOAC514
16-Dec-2021	MNOAC515 – MNOAC883
17-May-2022	MNOAC884 – MNOAC898
16-Jun-2022	MNODH002 – MNODH002
12-Jul-2022	MNORC184 – MNORC193, MNODH003 – MNODH003
31-Aug-2022	MNORC194 – MNORC202, MNODH004 – MNODH005
27-Sep-2022	MNODH008
22 Nov 2022	MNODH007 – MNODH009
8 Feb 2023	MNORC203 – MNORC208, MNODH010 – MNODH014

**Table 2: OzAurum Patricia Drilling result ASX Announcement dates**

ASX Announcement Date	Drill Hole Reference
11-Aug-2021	PTORC001 – PTORC009
23-Sep-2021	PTORC010 – PTORC035
17-May-2022	PTQDH001 – PTQDH002

**Table 3: OzAurum Linopolis Jaime results ASX Announcement dates**

ASX Announcement Date	Results
15-Sep-2023	Rock Chip results
27-Sep-2023	Visual estimates

## Competent Persons Statement

The information in this report that relates to exploration results is based on information compiled by Jeremy Peters who is a Fellow of The Australasian Institute of Mining and Metallurgy, a Chartered Professional Mining Engineer and Geologist of that organisation and a full time employee of Burnt Shirt Pty Ltd. Mr Peters has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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'. Mr Peters consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to geology, visual estimates, exploration results is based on, and fairly represents, information and supporting documentation compiled by Andrew Pumphrey who is a Member of the Australian Institute of Geoscientists and is a Member of the Australasian Institute of Mining and Metallurgy. Andrew Pumphrey is a full-time employee of OzAurum Resources Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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". Mr Pumphrey has given his consent to the inclusion in this report of the matters based on the information in the form and context in which it appears.

OzAurum confirms it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and the context in which the Competent Persons findings are presented have not been materially modified from the original announcements.

The information relating to the mineral resource is extracted from the Company's ASX announcement dated 18 July 2023 and is available to view on the Company's website. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.