



# Noosa Mining Investor Presentation November 2024

**OzAurum Resources Limited**  
(ASX: OZM)

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

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# Investment highlights – focus on Discovery + Development

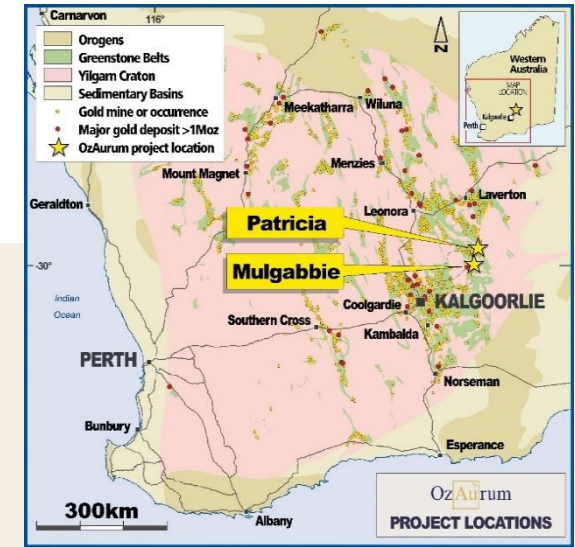
## 100%-owned Niobium projects in Brazil + Gold in Western Australia

### Western Australian Gold - Kalgoorlie

- Mulgabbie North 260,000 oz resource\* open at depth and along strike
- Multiple gold targets require drill testing
- Large Exploration Footprint adjacent to NST Carosue Dam
- Same Gold Mineralising system as Carosue Dam
- Heap Leach Feasibility study - 50:50 profit share with Line Hydrogen Pty Ltd fully funded by Line

### Brazil Niobium Projects

- Salitre 179 km<sup>2</sup> + Catalao 318 km<sup>2</sup>
- Target 1 1km<sup>2</sup> Niobium anomaly + UV targets
- Planned commencement of Diamond drilling by inhouse country manager
- Brazil Alto Paranaba Magmatic Province 90% world Niobium production



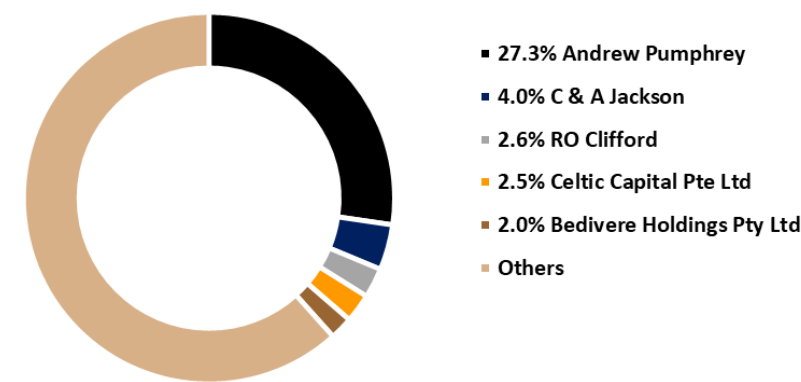
\*See OZM ASX Announcement 18th July 2023 for more details

# Corporate structure & team – extensive experience

## Capital Structure

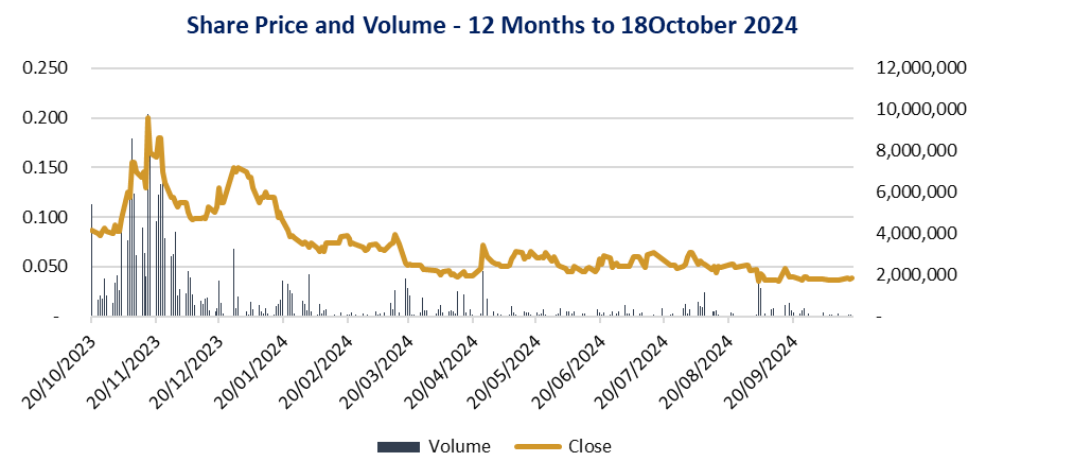
<b>159M</b> Shares on issue ASX: OZM	<b>\$6.2M</b> Market Cap At \$0.039/share
<b>\$0.6M</b> Cash (As at 30 Sept 2024)	<b>Nil</b> Debt (As at 30 Sept 2023)
<b>\$5.6M</b> Enterprise Value	<b>34M</b> Unlisted Options Various Exercise prices

## Major Shareholders



## Directors & Management

<b>Jeff Williams</b>	<b>Non-Executive Chairman</b> 45+ 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> 40+ years experience
<b>Stephen Hewitt-Dutton</b>	<b>CFO - Company Secretary</b> 25+ years experience



# OZM Gold Mulgabbie North + Patricia

## Two advanced, 100%-owned gold projects in Western Australia – 30 Moz District

### Mulgabbie North Gold Project

- Part of 3.5 million Oz Carosue Dam Gold Camp
- 8km strike with multiple deposits with 4km yet to be tested in a defined gold corridor
- Mineralisation open at depth and along strike
- Potential to make a significant gold discovery
- \*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 – new fault targets for RC drilling into fresh rock

### Patricia High-Grade Gold Project

- High-grade gold project
- RC and Diamond drill testing - Open at depth + along strike
- 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

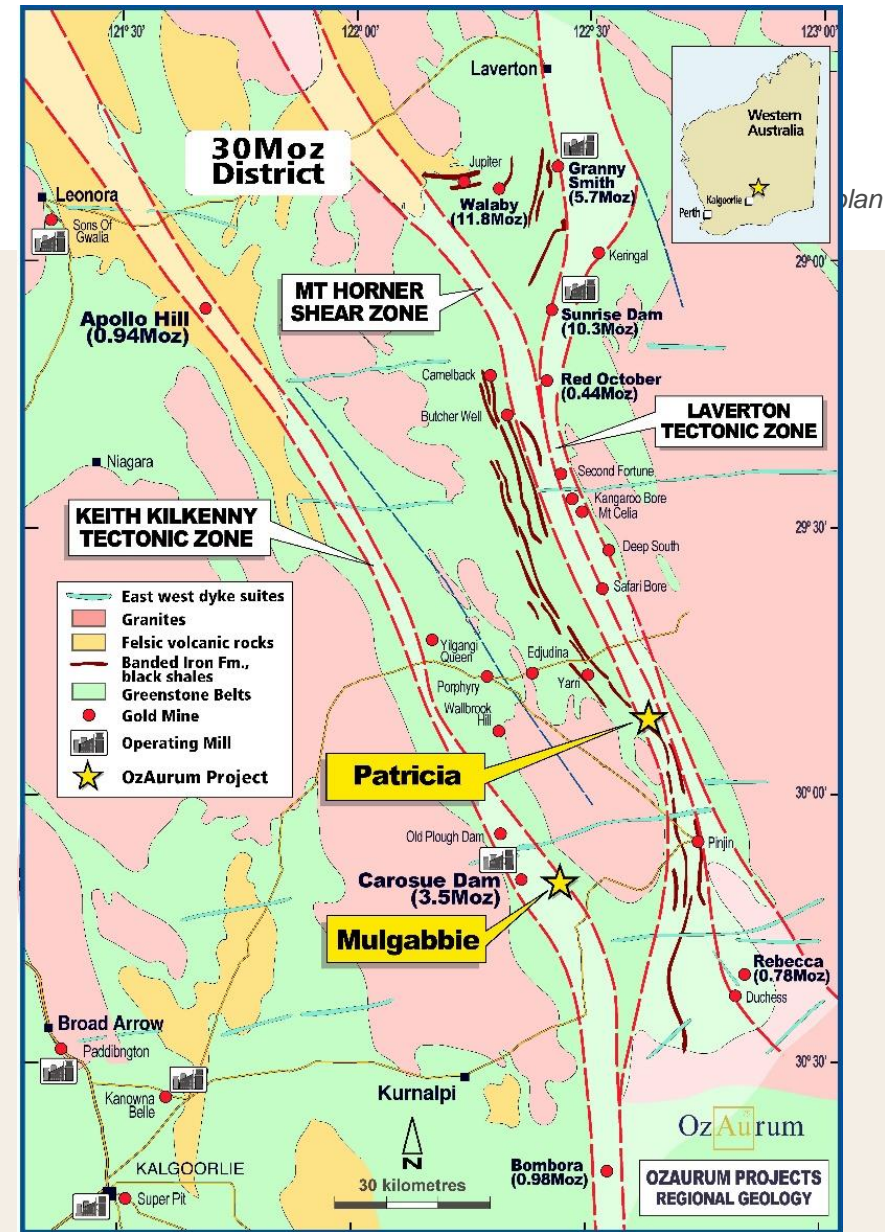


Figure: OZM Regional Geology

# OZM Gold Mulgabbie North Heap Leach Study

Advanced, 100%-owned gold project in  
Western Australia – 30 Moz Gold District

## Mulgabbie North Gold Project Heap Leach Study

- Gold Price currently trading +\$4000 oz levels
- Fully funded feasibility study
- 50/50 Profit Share OZM/Line Hydrogen if proceeding Line to source funding –
- Brendan James Hydrometallurgical Engineer (BIM Metals Pty Ltd Technical Advisor) with extensive Heap Leaching Expertise including purchasing and operating White Dam in SA highly profitable Au heap leach
- Heap Leaching accounts for 40% worldwide gold productions low capex and low opex
- Solid resource base over 80,000 metres OZM drilling - 64% of ozs Measured and Indicated Resource Categories

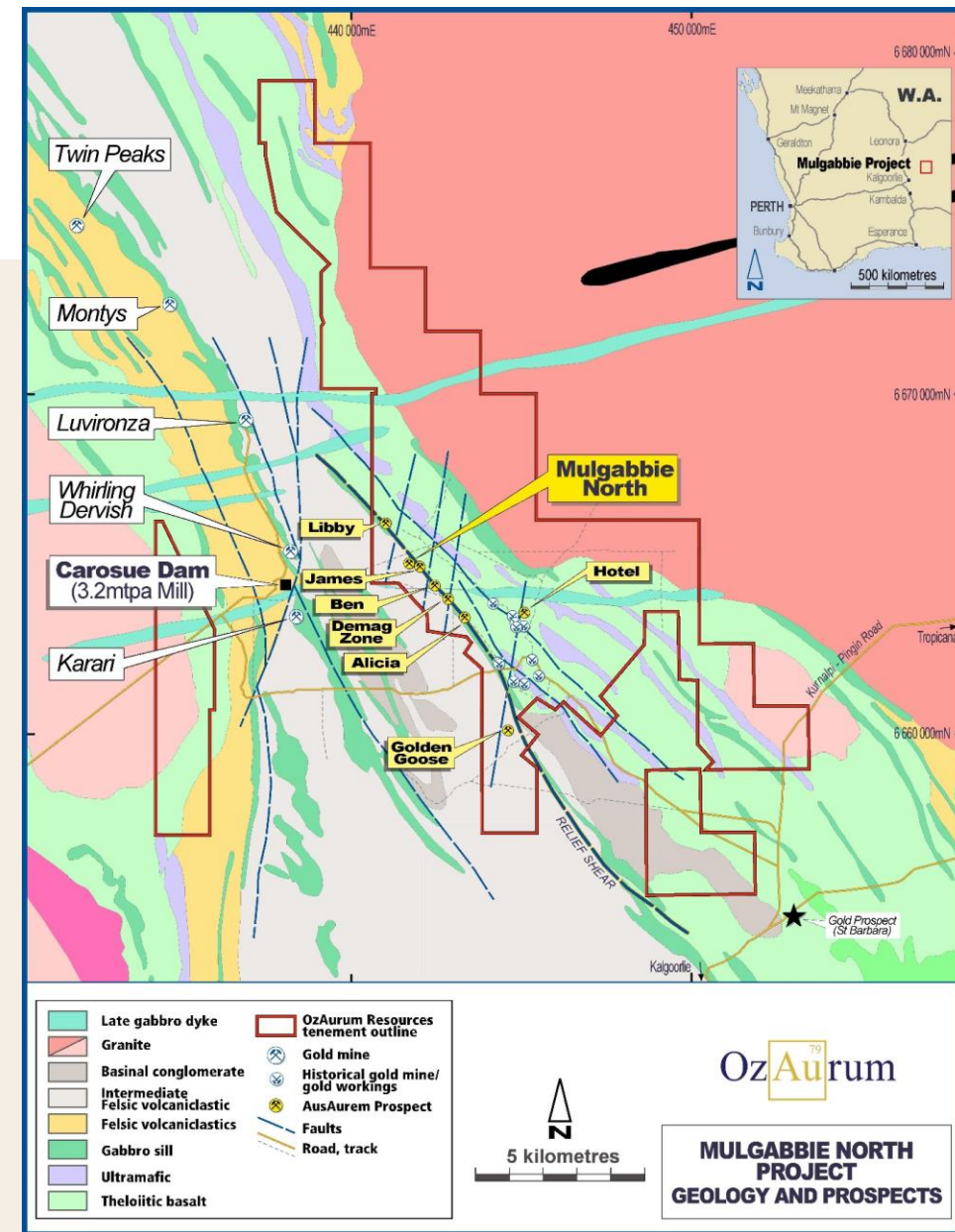


Figure: OZM Mulgabbie Interpreted Geology

# Mulgabbie North – Exploration Discovery Potential widespread gold mineralisation

## Right host rocks, extensive alteration and mineralisation

- Exploration discovery upside - New fault targets identified for RC drilling
- Cross Fault 1 Target - **MNORC 129 10m @ 1.36 g/t Au from 100m incl 1m @ 6.38 g/t Au**
- Cross Fault 3 Target - **MNORC 180 11m @ 1.90 g/t Au from 49m incl 1m @ 12.15 g/t Au**
- Cross Fault 3 Target - **MNOAC 579 4m @ 1.68 g/t Au from 56m**
- 4km of Relief Shear to be AC drill tested
- 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.
- 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
- Mulgabbie North mineralising system same as Carosue Dam
- All NST Carosue Dam gold deposits (3.5 mill oz's) occur on similar interpreted North - South fault positions and cross faults

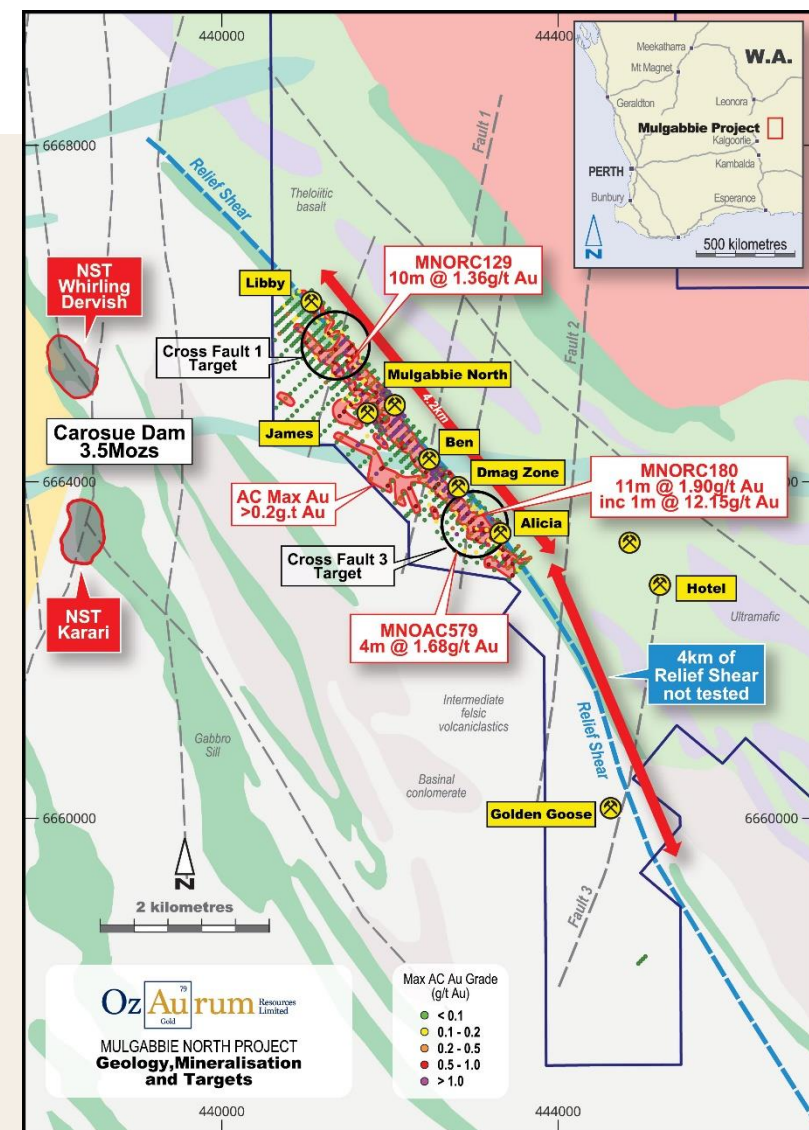


Figure: Mulgabbie North Relief Shear

# 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
- Mineralisation open at depth and along strike



Figure: Patricia open pit

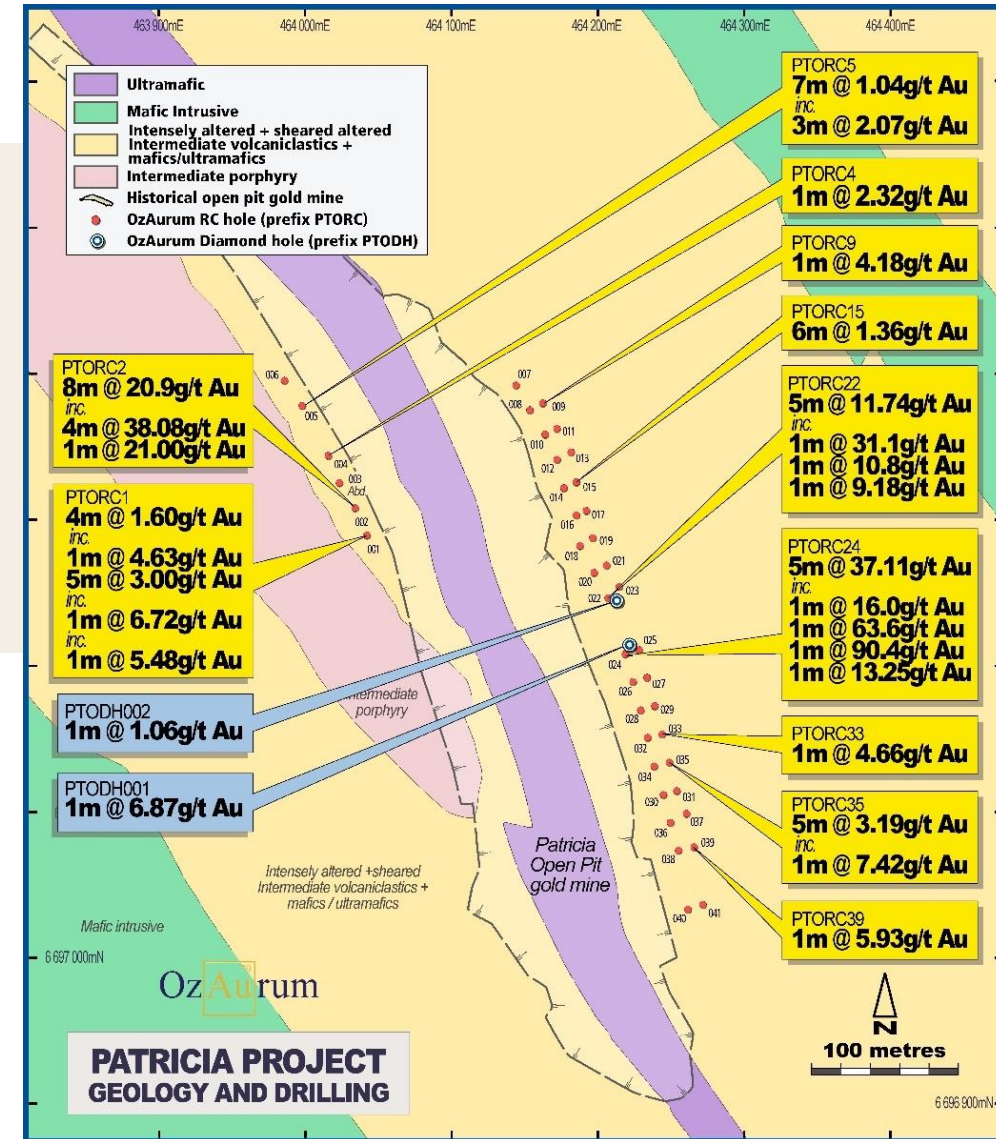


Figure: Patricia Gold Project Drill results

# Patricia – high grade gold project

## Potential high grade gold exploration discovery opportunity

- 100% owned situated northeast (NE) of Kalgoorlie + 40km NE of Mulgabbie
- Granted Exploration Licence 31/1186
- Section 18 process to commence with heritage survey planned
- First pass low impact soil sampling planned to be undertaken
- Extension of Patricia stratigraphy + Pinjin Au trend
- Potato size gold specimens found within E31/1186 area



Approx 15 cm in length

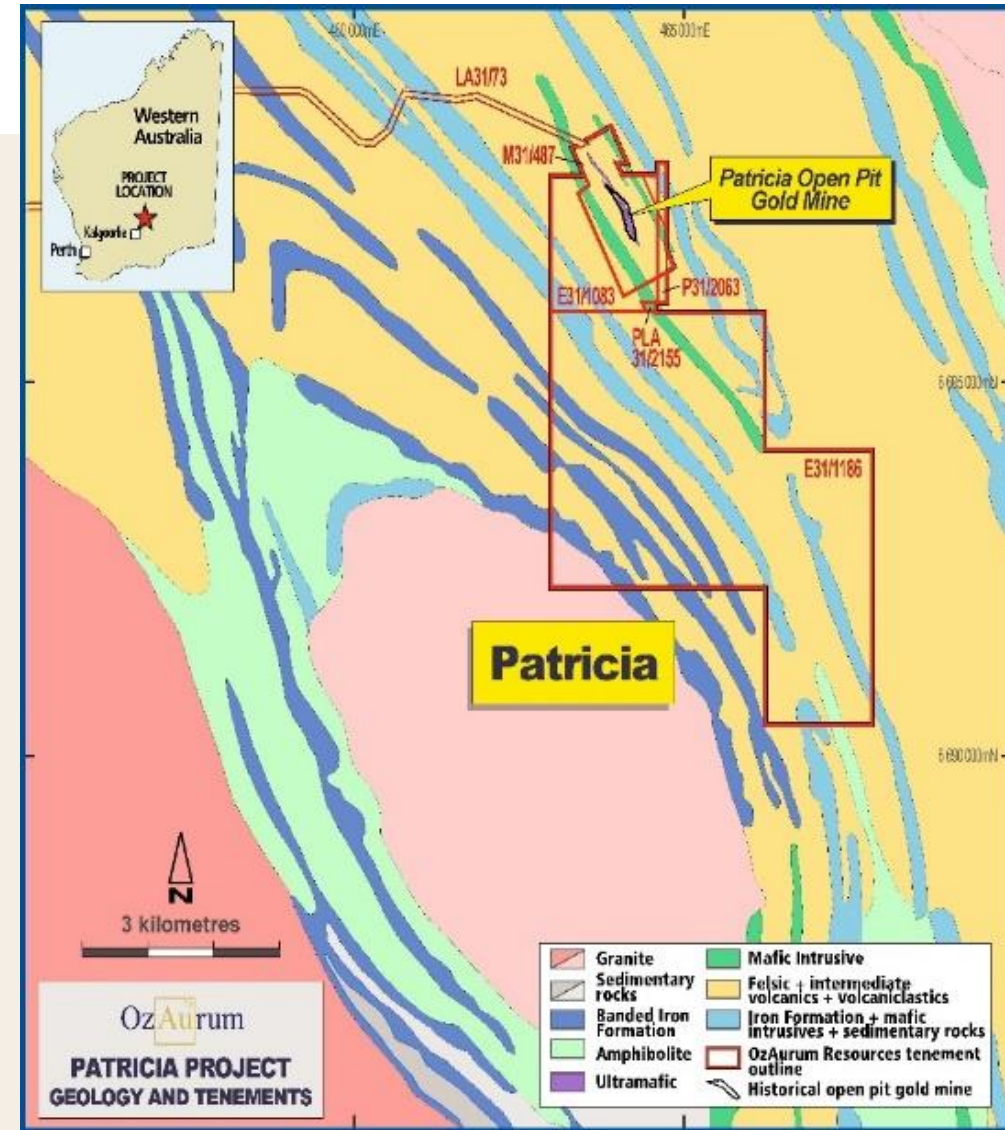


Figure: Patricia Project Plan

# Brazil Niobium – Minas Gerais + Goiás States Brazil

## Alto Paranaba Province

- OZM in country manager and company owned diamond drilling rig + capability
- OzAurum's Brazil Niobium Project – strategically located and in the heart of Alto Paranaba Province prolific carbonatite region
- Existing Niobium producers CBMM + CMOC dominate global Niobium production (90%) from 2 mines Araxa (200km south of OZM) and CBMM
- Boa Vista operating Niobium Mine small footprint limited surface expression
- 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.

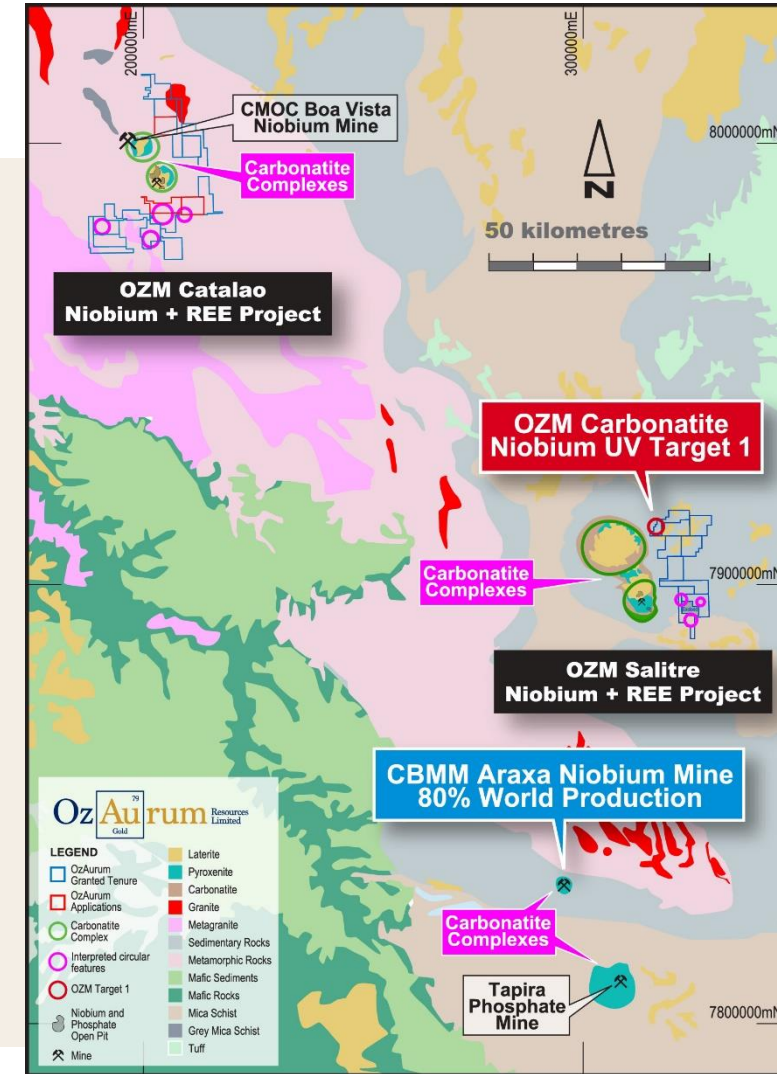


Figure: Brazil + State of Minas Gerais

# Salitre Niobium Project

## Unlimited Potential

- Adjacent to known carbonatite intrusions
- Serra Negra + Salitre carbonatites hosts significant Phosphate + Niobium resources.
- No previous exploration on project presents unique opportunity for significant discovery
- First pass reconnaissance soil sampling identified Target 1 area
- Exploration due to commence diamond drilling

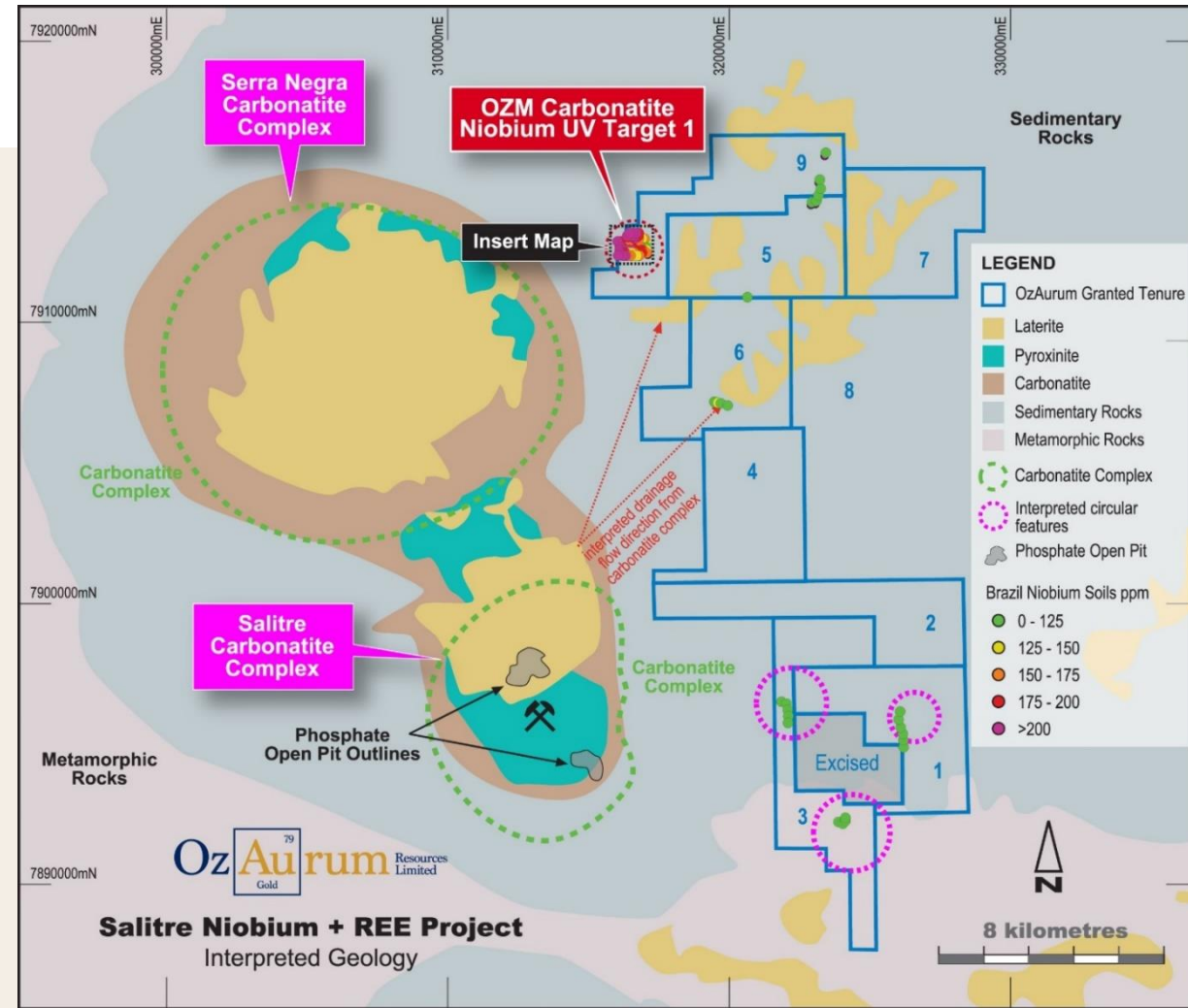


Figure: Salitre Niobium Project interpreted geology

# Target 1 Niobium

## Niobium Anomaly identified

- Significant 1km<sup>2</sup> Niobium in soil anomaly
- Cluster coincident UV anomalies
- Coincident Hf, Ta & Th anomalies
- Diamond drill hole locations planned

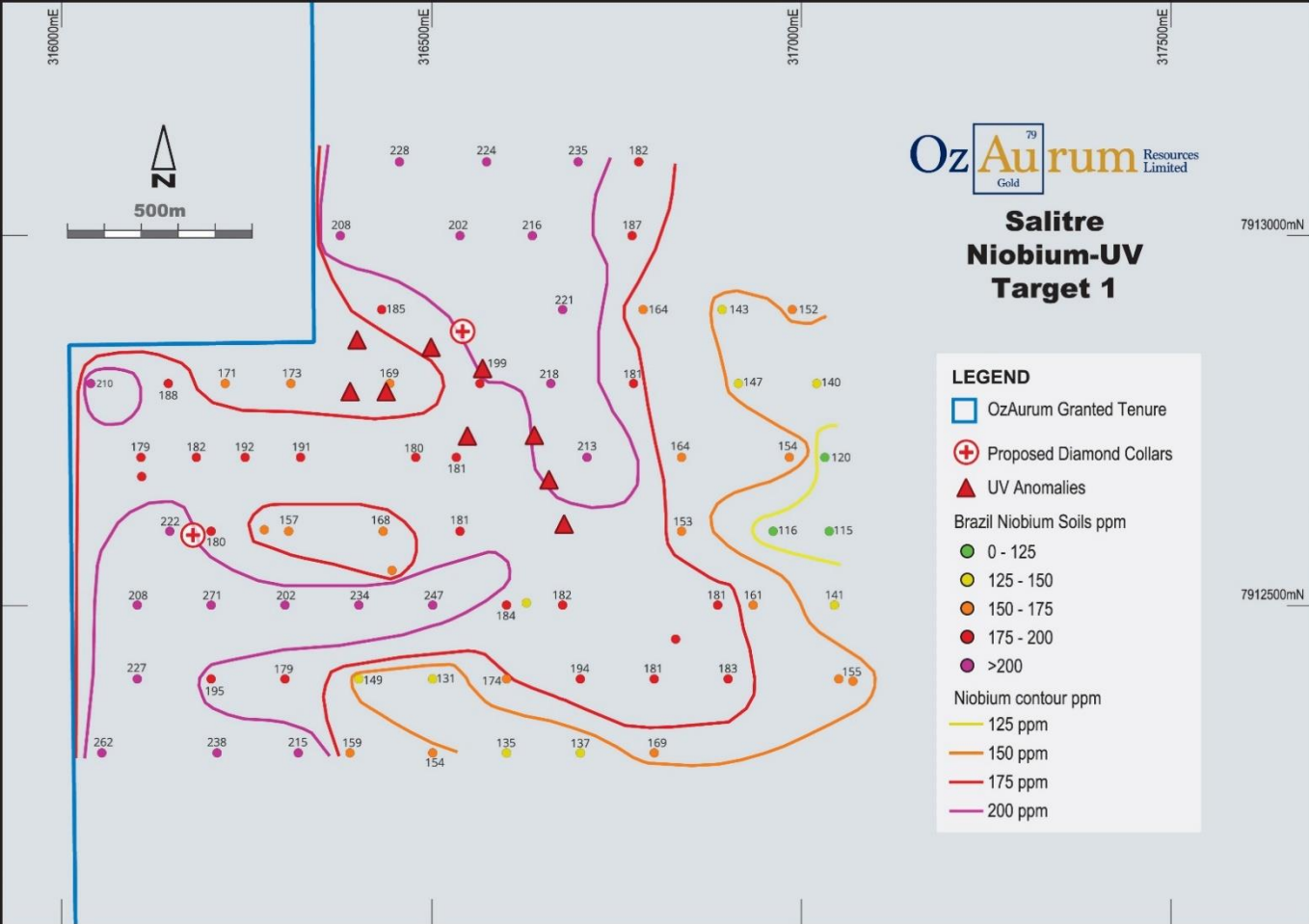
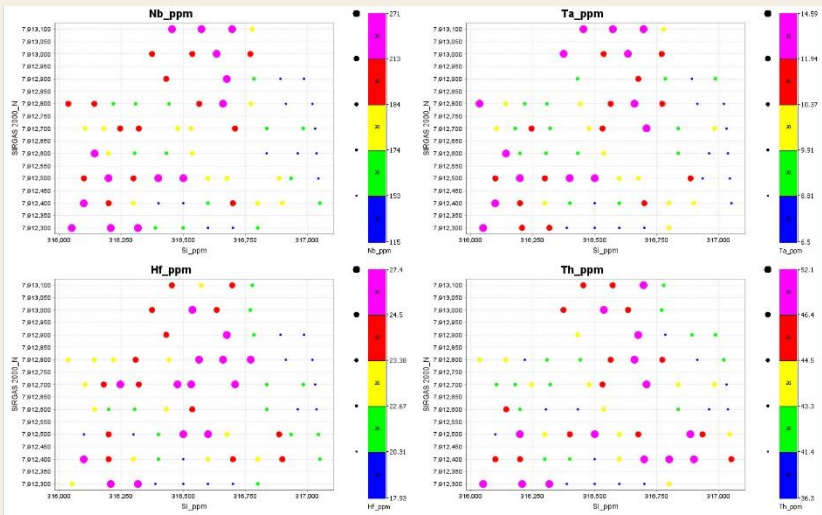


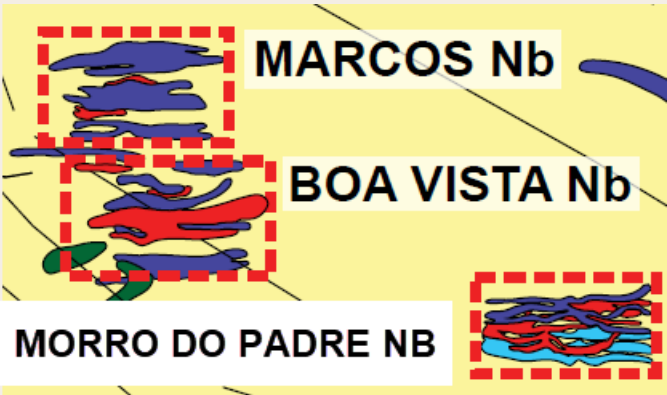
Figure: Soil geochemistry plots

Figure: Target 1 Niobium soil anomaly

# Niobium Exploration Model

## Significant Discovery Potential

- Carbonatite exploration model
- Catalao II – No topographic expression
- Boa Vista Niobium Mine Brazil
- Limited surface footprint
- Intrusions approx. 500m strike length



Plan View Catalao II Intrusions

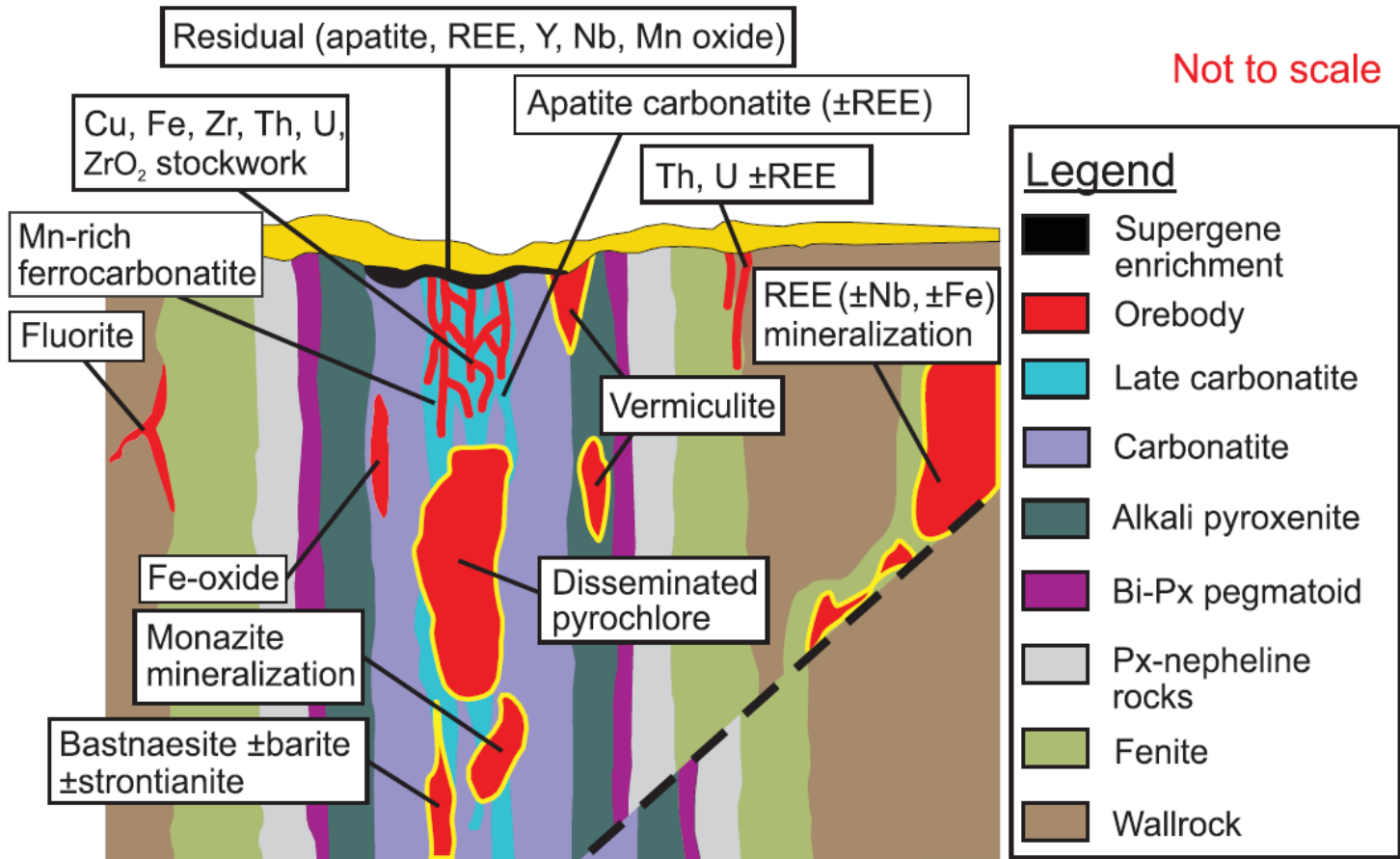
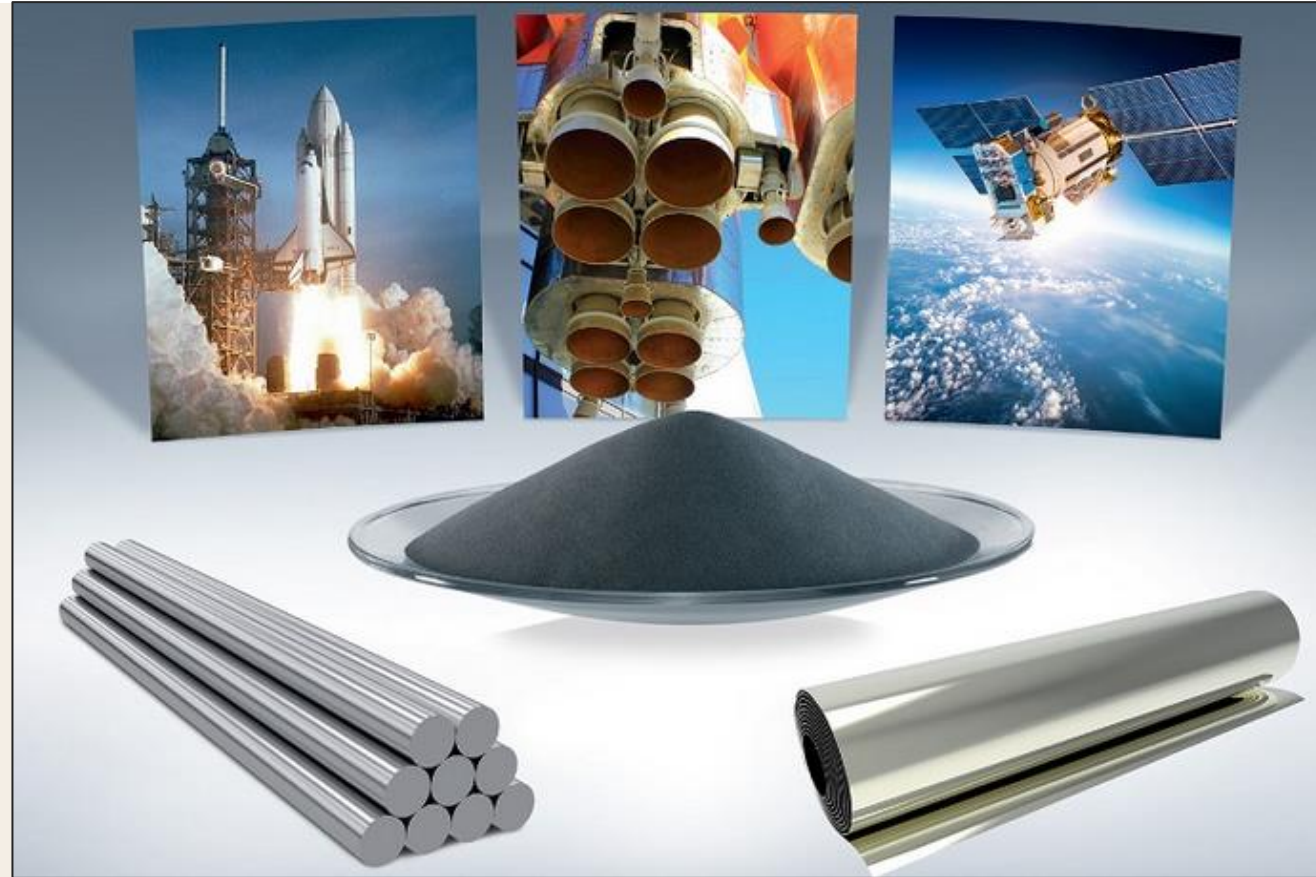


Figure : Vertical section of a hypothetical carbonatite mineralising system showing niobium mineralisation (pyrochlore)Source - Carbonatites: related ore deposits, resources, footprint, and exploration methods, Simandl + Paradis 2018

# Why – Niobium ?

## Critical Mineral

- 85% Niobium use is steel production increase yield strength
- Niobium alloys + compounds used in superconductor magnets
- Aerospace industry uses Niobium in engines + rockets
- Limited production 90% majority from Brazil



# Why Invest in OZM?

## Western Australia Gold + Brazil Niobium

- Proven track record of putting all the money in the ground
- Gold Discovery Potential - Mulgabbie North drill ready targets
- Western Australian Gold exposure well located advanced projects
- Niobium supply shortfall
- Potential significant Niobium discovery
- Active project acquisition strategy – Brazil





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*Diamond drill 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
29-Mar-2021	MNOAC032 – MNOAC131
12-Apr-2021	MNORC018 – MNORC038
24-May-2021	MNOAC132 – MNOAC204
31-May-2021	MNORC039 – MNORC064
21-Jun-2021	MNOAC205 – MNOAC334
13-Jul-2021	MNORC065 – 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
18-Dec-2021	MNOAC515 – MNOAC663
17-May-2022	MNOAC664 – MNOAC898
16-Jun-2022	MNODH002 – MNODH002
12-Jul-2022	MNORC184 – MNORC193, MNODH003 – MNODH003
31-Aug-2022	MNORC194 – MNORC202, MNODH004 – MNODH005
27-Sep-2022	MNODH006
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 Salitre results ASX Announcement dates

ASX Announcement Date	Results
03-Sep-2024	Soil sample results
21-Oct-2024	Soil sample results

### 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 gold exploration results is based on information 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.

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.