



ASX Announcement

14 February 2023

Presentation for RIU Explorers Conference

OzAurum Resources Ltd (**OzAurum** or the **Company**) (ASX: **OZM**) is pleased to advise that the Company is presenting at the RIU Explorers Conference being held in Fremantle on 14 – 16 February 2023.

OzAurum Managing Director and CEO, Andrew Pumphrey, will be delivering the presentation, a copy of which is attached to this announcement, on Tuesday 14 February 2023.

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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 gold explorer with two advanced gold projects located 130 km north east of Kalgoorlie. The Company’s main objective is to make a significant gold discovery that can be brought to production.

For more information on OzAurum Resources Ltd and to subscribe to our regular updates, please visit our website at www.ozaurumresources.com or contact our Kalgoorlie office via email on info@ozaurumresources.com.



RIU Explorers Conference
14th - 16th February 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.

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Reliance on third party information

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Competent persons statement

The information in this report that relates to 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.

Investment highlights – focus on discovery + development

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

Mulgabbie North Gold Project

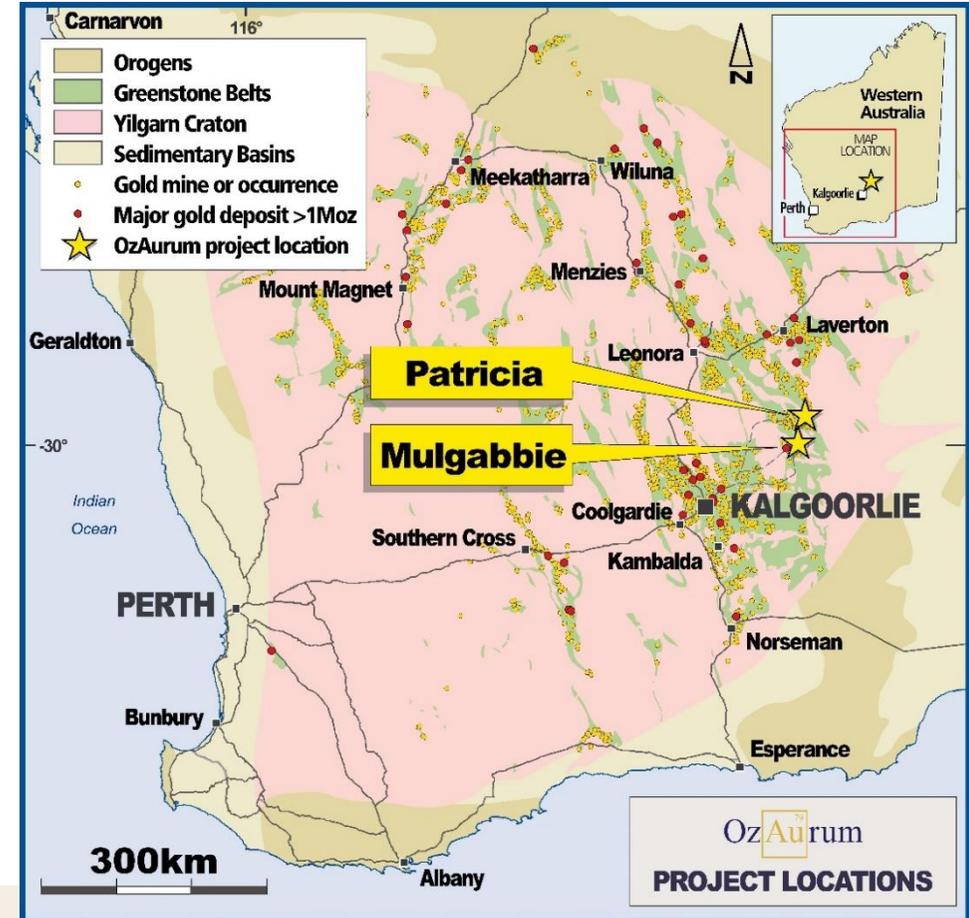
- 8km strike of unlimited potential for multiple deposits in a defined gold corridor
- Significant virgin gold discovery at Mulgabbie North Demag Zone
- High-grade Reverse Circulation (RC) and Diamond drilling (DD) gold results confirm **2.2km strike**
- High-grade AC gold results confirm **4.2km strike** – targeting follow up with deeper RC drilling into fresh rock
- Adjacent to operating (NST.ASX) 3.2 Mtpa gold Mill
- Heap Leach Scoping Study commenced

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
Ongoing DD and or RC drilling planned in 2023

Figure: WA Project Location plan



Corporate structure & team – extensive experience

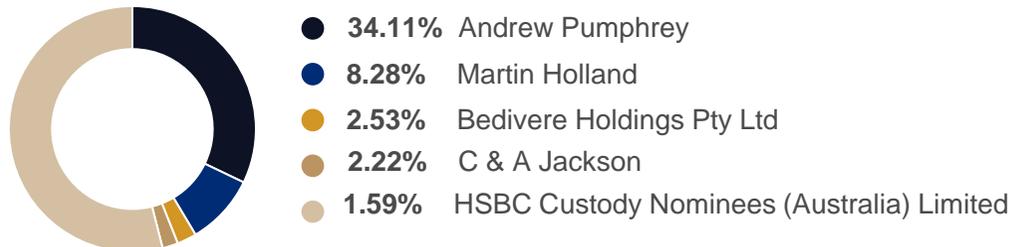
Capital Structure

127M Shares on issue ASX: OZM	\$10.2M Market Cap At \$0.08/share
\$2.2M Cash (As at 31 December 2022)	Nil Debt (As at 31 December 2022)
\$8.0M Enterprise Value	13.725M Unlisted Options Ex-Price \$0.375 cps

Directors & Management

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

Major Shareholders



Share Price and Volume – 12 months to 10 February 2023



Strategic location – in a plus 30Moz gold district

Eastern Norseman-Wiluna Greenstone belt near the Kalgoorlie Goldfield in Western Australia

- OzAurum’s Mulgabbie North and Patricia Projects – strategically located and in the heart of WA Eastern Goldfields 130 km NE of Kalgoorlie
- **Keith Kilkenny + Laverton Tectonic Zones – Major structural corridors in the 30Moz Gold District**
- Projects closely neighbour a number of **existing mining operations and gold processing plants in the area** – historically producing high grade gold mineralisation
- **Gold Mining Capital of Australia – Kalgoorlie**
- **Long-standing relationships** with existing stakeholders built up from working in the area for over 30 years

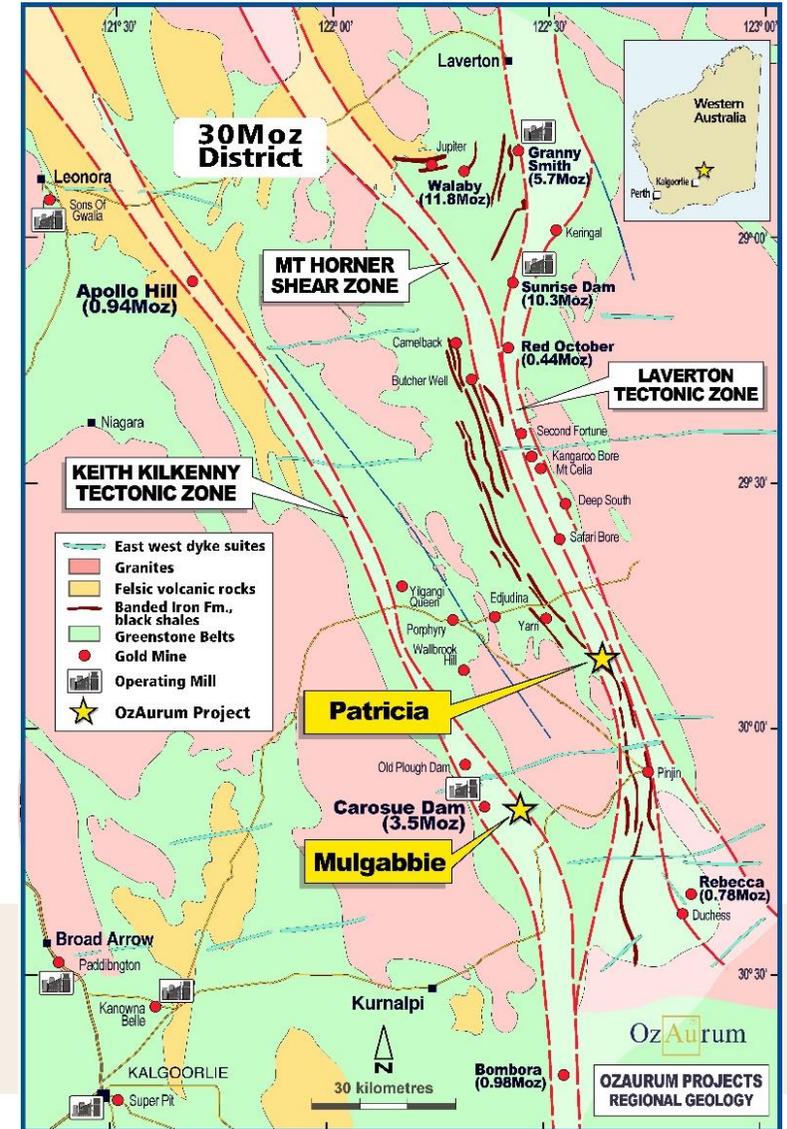


Figure: Eastern Goldfields Project Location plan

Mulgabbie North Gold Project – unlimited potential

Opportunity for multiple deposits in a defined regional gold corridor

- 100% owned Mulgabbie North Gold Project
- New virgin gold discovery Demag Zone
- Exploring 8km of strike along the Relief Shear adjacent to Northern Star’s Carosue Dam Mine with similar rocks in the Carosue Dam stratigraphy
- Adjoining 3.5 Moz NST Karari + Whirling Dervish gold mines discoveries under 20-30m of cover, small footprints of only 700-800m strike
- Previously underexplored with limited drilling despite significant gold endowment in the belt: 20-30m recent transported cover prevented historical discovery
- Numerous new structural targets for RC and DD drill testing
- Gold mineralisation open at depth and along strike
- Mulgabbie North has all the hallmarks indicating potential for a significant gold discovery

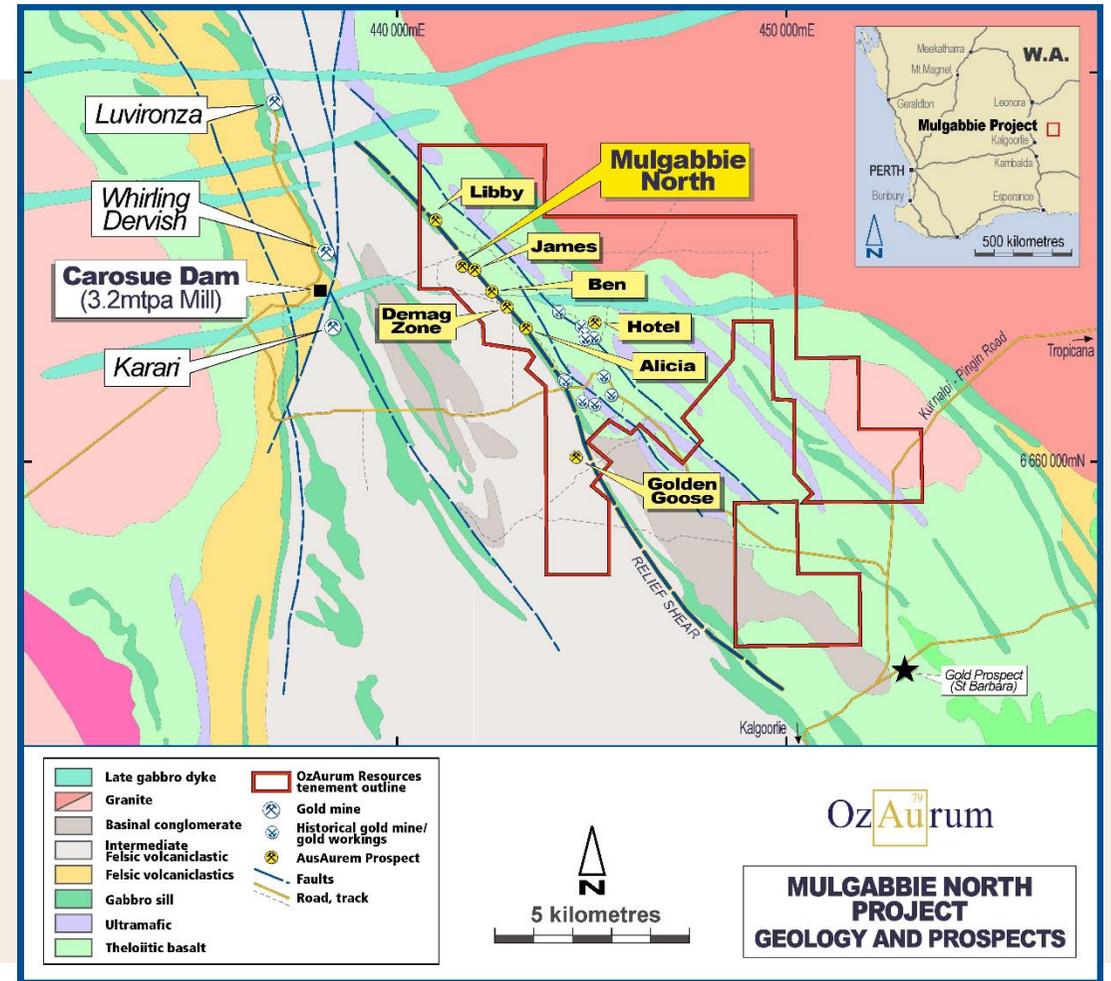


Figure: Mulgabbie North Project plan

Mulgabbie North RC & Diamond drilling – 36,654m drilled

Figure: Mulgabbie North RC & DD Plan

Results over 2.4km strike – including New Discovery Demag Zone

Demag Zone Results in RC & DD:

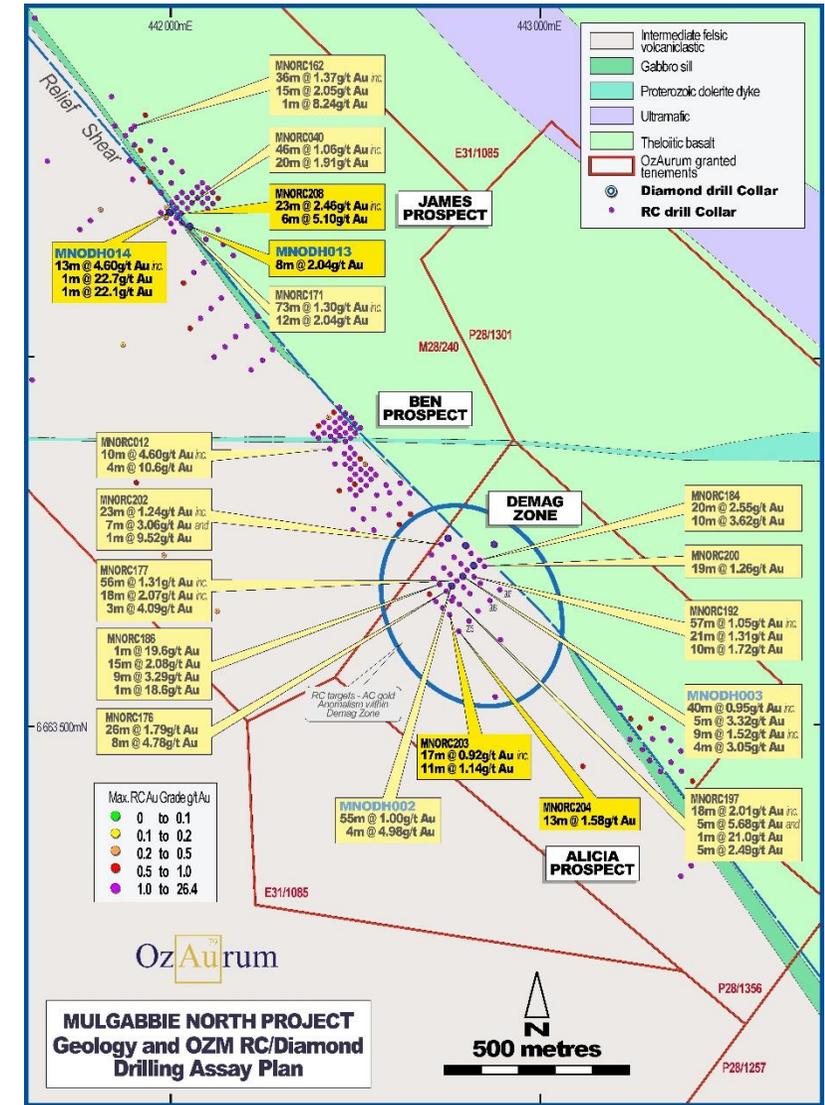
- 56m @ 1.31 g/t gold (Au) from 68m including 18m @ 2.07 g/t Au – MNORC177
- 26m @ 1.79 g/t Au from 136m including 8m @ 4.78 g/t Au – MNORC176
- 57m @ 1.05 g/t Au from 119m including 10m @ 1.72 g/t Au – MNORC192
- 20m @ 2.55 g/t Au from 251m including 10m @ 3.62 g/t Au – MNORC184
- 55m @ 1.00 g/t Au from 47m including 4m @ 4.98 g/t Au – MNODH002
- 40m @ 0.95 g/t Au from 92m including 5m @ 3.32 g/t Au – MNODH003
- 9m @ 1.52 g/t Au from 137m including 4m @ 3.05 g/t Au – MNODH003

Significant intervals of Gold Mineralisation in RC

- 73m @ 1.30 g/t Au from 17m including 12m @ 2.04 g/t Au – MNORC171
- 10m @ 4.60 g/t Au from 48m – MNORC012
- 44m @ 1.06 g/t Au from 107m – MNORC033

Western Primary Gold Mineralisation in RC

- 20m @ 1.16 g/t Au from 89m – MNORC088
- 19m @ 1.02 g/t Au from 112m – MNORC058



Mulgabbie North Heap Leach Scoping Potential Development Pathway

Potential Low Cost Processing Option

- **Heap Leach Scoping Study Commenced**
- **Jeremy Peters leading specialist team - Goldfields experienced**
- **Early Sighter HL IBR testwork results up to 88.9% Recovery**
- **Ore minerology + host is ideally suited to heap leaching**
- **Very Low Capex – crush, agglomerate, pad + liner, pumps, column**
- **Low Opex – up to approx 50% CIP/CIL**
- **Proven Technology – Kalgoorlie, Kambalda, Telfer + around world**
- **Grants Patch Partners Kalgoorlie 1976**
- **Granted M28/240 + miscellaneous licences for bore sites, pipelines**
- **Advanced in water search - paleochannel identified**

Figure: Example of Heap Leach construction

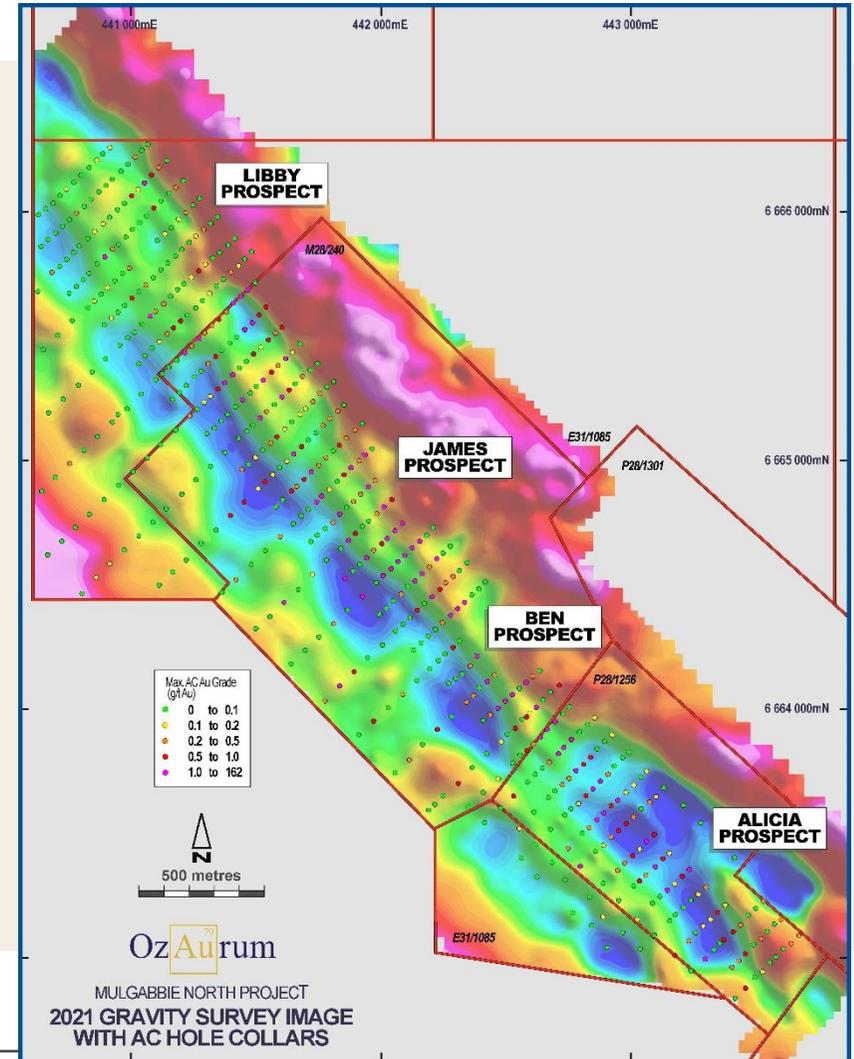


Mulgabbie North – Exploration Potential widespread gold mineralisation

Right host rocks, extensive alteration and mineralisation

- **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** has been completed
- **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 – diamond drilling planned to confirm
- **Structural + Fault interpretation** at Demag Zone assisted with existing close spaced magnetics and gravity surveys defined new drill targets
- All NST Carosue Dam gold deposits (3.5 mill oz's) occur on interpreted North - South fault positions and cross faults

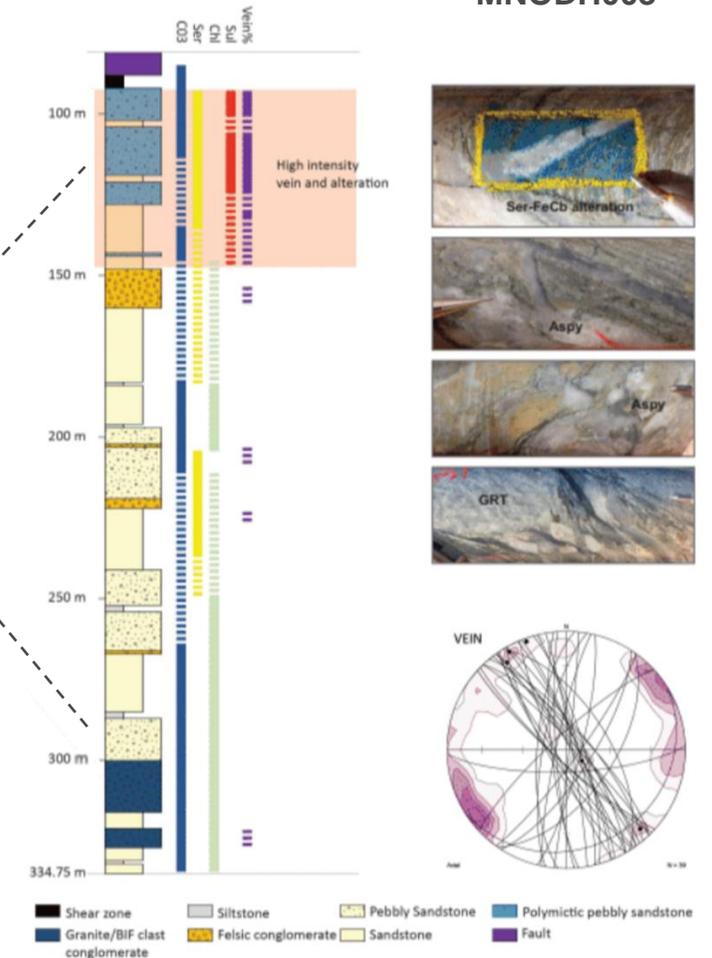
Figure: Mulgabbie North AC Max gold with gravity image



Key features for significant orogenic gold discoveries

in Archean Terranes (Yilgarn, WA)

Key Feature	Golden Mile	Kanowna Belle	Invincible	Mulgabbie North
Proximity to Translithospheric fault	●	●	●	●
Proximity to alkali intrusions (lamprophyres, sanukitoids, syenites)	●	●	●	●
Spatial association with an unconformity in the Black Flag Group (indicates ~2660 Ma syn-volcanic early phase mineralisation)	●	●	●	●
Presence of unconformable late coarse clastic rocks (Kurrawang/Merougil)	●	●	●	●
Early high-level mineralisation styles	●	●	●	●
Overprinting by orogenic phase (multiple events in the same location)	●	●	●	●



Mulgabbie North AC drilling – 49,329m drilled

OzAurum AC drilling results over 4.2km of strike

Significant AC Saprolite Gold Mineralisation within 500m Demag Zone:

- 4m @ 1.47 g/t Au from 40m – MNOAC 523
- 4m @ 2.00 g/t Au from 44m – MNOAC 534
- 4m @ 1.68g/t Au from 56m – MNOAC 536

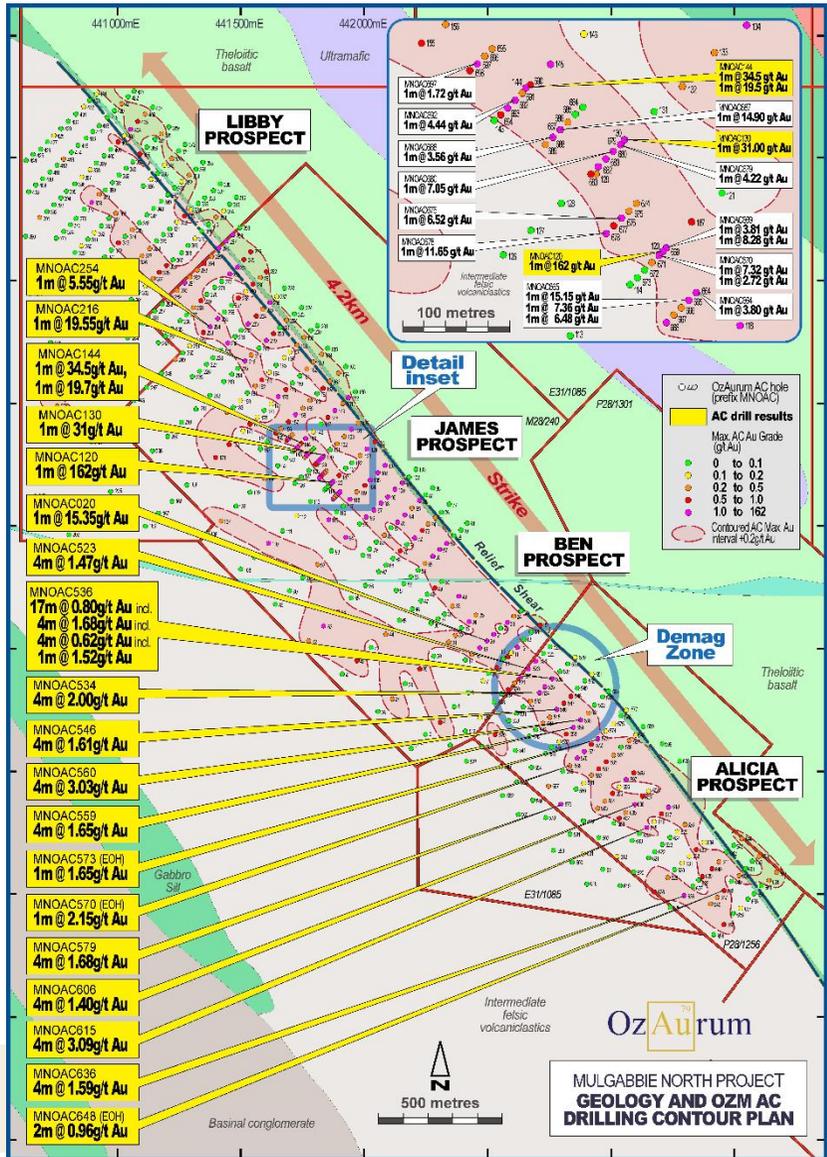
AC Holes Ending in Significant Gold Mineralisation:

- 1m @ 2.15 g/t Au from 76m – MNOAC 570
- 1m @ 1.52 g/t Au from 75m – MNOAC 536
- 2m @ 0.96 g/t Au from 60m – MNOAC 648

High-grade AC Paleochannel Gold Mineralisation:

- 1m @ 162.50 g/t Au from 27m – MNOAC 120
- 1m @ 34.50 g/t Au from 27m – MNOAC 144
- 1m @ 31.00 g/t Au from 34m – MNOAC 130

OZM systematically drill-testing many of these AC targets



2023 Exploration and Activities - Plans at Mulgabbie North

Current and Future Activities:

- Mulgabbie North Heap Leach Scoping Study commenced
- Maiden Mineral Resource Estimate - aiming for Q2 2023
- New structural drill targets

Drilling for the next 6 months:

- **Ongoing company operated DD drilling** – targeting depth extensions of existing prospects, structural targets, met testwork, geotech holes and MRE holes.
- **RC drilling** - targeting new structural targets and extensions of existing prospects along strike and at depth
- **AC drilling** - planned along strike on Relief Shear immediately south testing for extensions of existing mineralisation



Figure: Aerial photo of Mulgabbie North with Carosue Dam Mine in the background

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**
- Open pit approximately 800m long x 150m wide x 25m deep
- Historical production (1930-1937) of 5,384 oz's gold – **41 g/t Au**
- Targeting high grade gold mineralisation at depth
- Located on a 10-15° flexure in stratigraphy adjacent to a 1km long porphyry intrusion
- Previous exploration limited at depth



Figure: Patricia open pit



Figure: Patricia RC Drilling

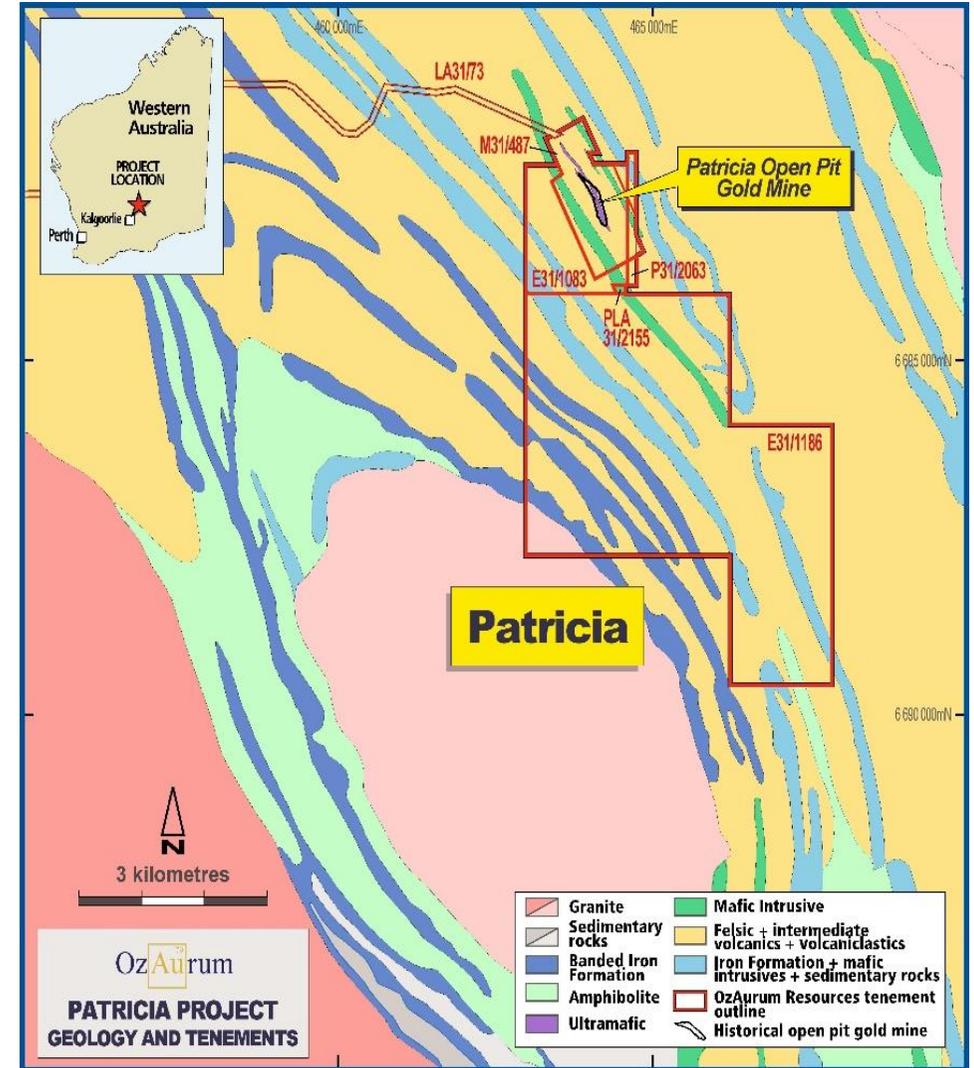


Figure: Patricia Gold Project Interpreted Geological Plan

Patricia RC drilling – 7,850m drilled

Recent OzAurum RC – high grade gold intersections

- 4m @ 38.08 g/t Au– (from 99m within 8m @ 20.90 g/t Au) including 1m @ 93.90 g/t Au – PTORC 002
- 5m @ 37.11 g/t Au – (from 154m) – including 1m @ 90.40 g/t Au, 1m @ 63.60 g/t Au – PTORC 024
- 5m @ 11.74 g/t Au – (from 154m) – including 1m @ 31.10 g/t Au, 1m @ 10.80 g/t Au, 1m @ 9.18 g/t Au – PTORC 022
- **Visible gold intersected** in several RC holes including PTORC 022 (154-155m) and PTORC 024 (155-157)
- **Diamond drilling program** planned at Patricia
- Structural work completed in Jan 2023
- Testing for high grade extensions at depth
- Twin existing RC holes to understand
 - Controls on high grade
 - Gold mineralisation

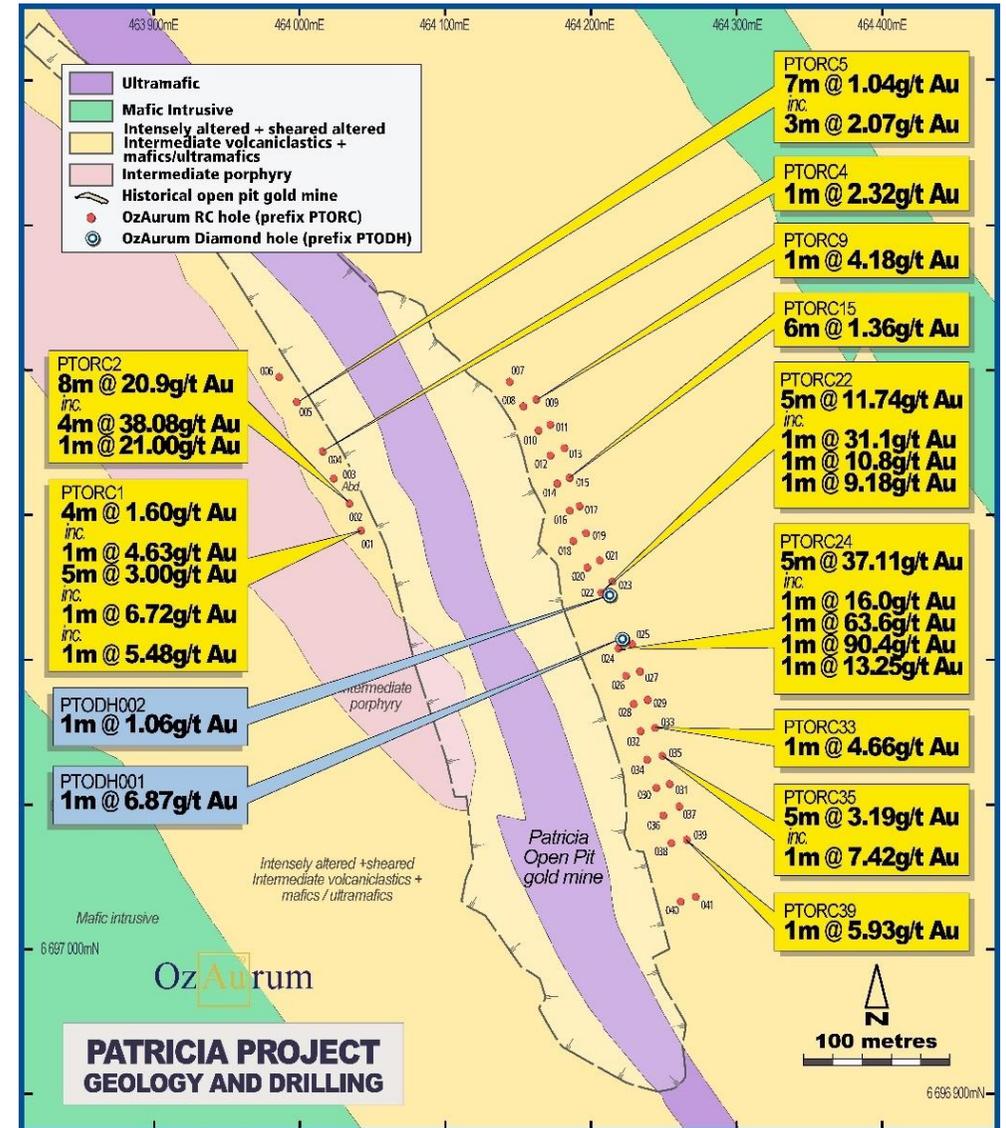


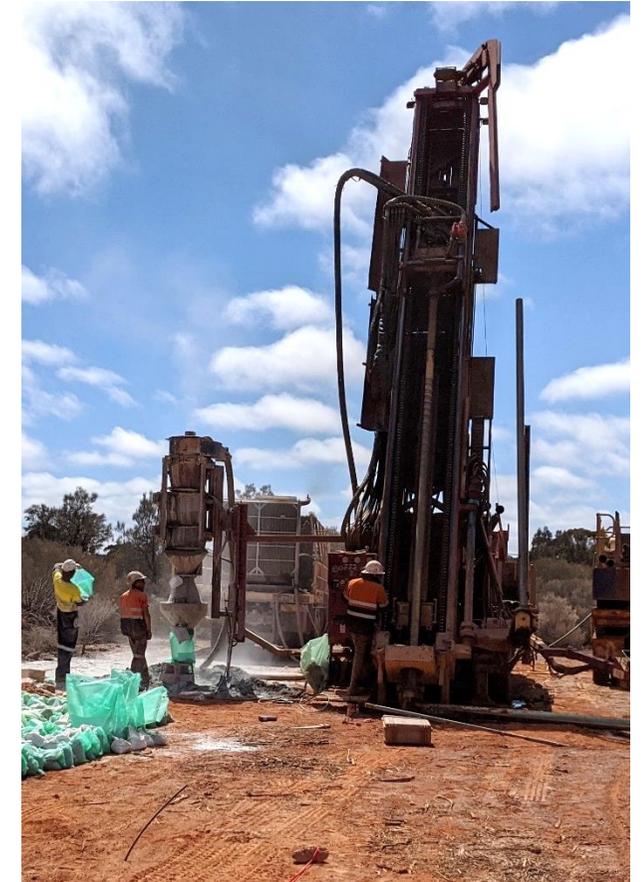
Figure: Patricia Gold Project RC drill results Plan

Ongoing advanced exploration + activities – timeline

Drilling campaign ongoing at Mulgabbie North and Patricia –over next 6 months
Current drilling planned consists of ongoing diamond drilling and or RC drilling

Mulgabbie North Gold Project	Q1 2023	Q2 2023
Heap Leach Scoping Study	●	●
Modelling + Mineral Resource Estimation	●	●
Diamond Drilling and or RC Drilling	●	●

Patricia Gold Project	Q1 2023	Q2 2023
Reverse Circulation drilling		●
Diamond Drilling (depending on our rig schedule)		●



*OzAurum CEO and Managing
Director, Andrew Pumphrey,
holding a gold pan*



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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
16-Dec-2021	MNOAC515 – MNOAC663
17-May-2022	MNOAC664 – MNOAC698
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	PTODH001 – PTODH002



Figure: Mulgabbie North Drilling