

A background image of a mining site. It shows a large red truck with a drilling rig attached, parked on a dirt road. Several workers in hard hats and safety gear are standing near the truck. The background is a hilly, arid landscape under a cloudy sky.

# ASX Announcement

27 September 2022

## Presentation for AMEC Investor Briefing

OzAurum Resources Ltd (**OzAurum** or the **Company**) (ASX: **OZM**) is pleased to advise that the Company is presenting at the AMEC Investor Briefing being held in Perth on 27 September 2022.

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

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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](http://www.ozaurumresources.com) or contact our Kalgoorlie office via email on [info@ozaurumresources.com](mailto:info@ozaurumresources.com).





# AMEC Investor Briefing

OzAurum Resources Limited  
(ASX: OZM)

27 September 2022



# 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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## **Forward looking statements**

This presentation contains forward-looking statements. All statements other than those of historical facts included in this presentation are forward-looking statements. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other important factors, which could cause actual results performance or achievements or industry results to differ materially from any future results performance or achievements expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, gold and other metals price volatility, currency fluctuations, as well as political and operational risks and governmental regulation and judicial outcomes. The Company does not undertake any obligation to release publicly any revisions to any information or any forward-looking statement in this presentation of any changes in events, conditions or circumstances on which any such forward-looking statement is based. Undue reliance should not be placed on any forward looking statements.

## **Reliance on third party information**

The views expressed in this presentation contain information that has been derived from publicly available sources that have not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of the information. This presentation should not be relied upon as a recommendation or forecast by the Company.

## **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

## 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 3.2 Mtpa gold Mill** and next door to recent gold discovery by Nexus Minerals (**NXM.ASX**) – September 2021
- Limited historical exploration - exploring under transported cover

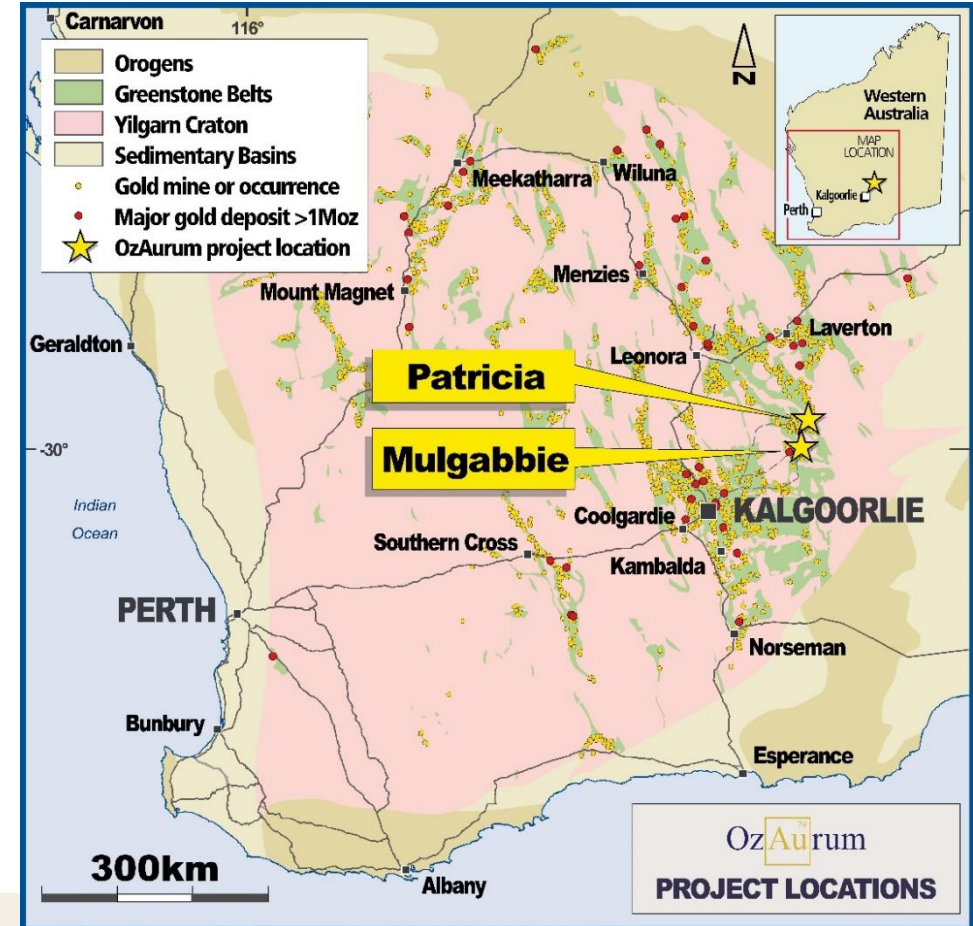
### Patricia High-Grade Gold Project

- 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**

**82,000M Combined RC and AC drilling completed in 2021**

**15,500M Combined DD, RC and AC drilling underway in 2022**

Figure: WA Project Location plan



# Corporate structure & team – extensive experience

## Capital Structure

<b>127M</b> Shares on issue ASX: OZM	<b>\$12.7M</b> Market Cap At \$0.10/share
<b>\$4.3M</b> Cash (As at 30 June 2022)	<b>Nil</b> Debt (As at 30 June 2022)
<b>\$8.4M</b> Enterprise Value	<b>13.725M</b> Unlisted Options Av Ex-Price \$0.37 cps

## Major Shareholders



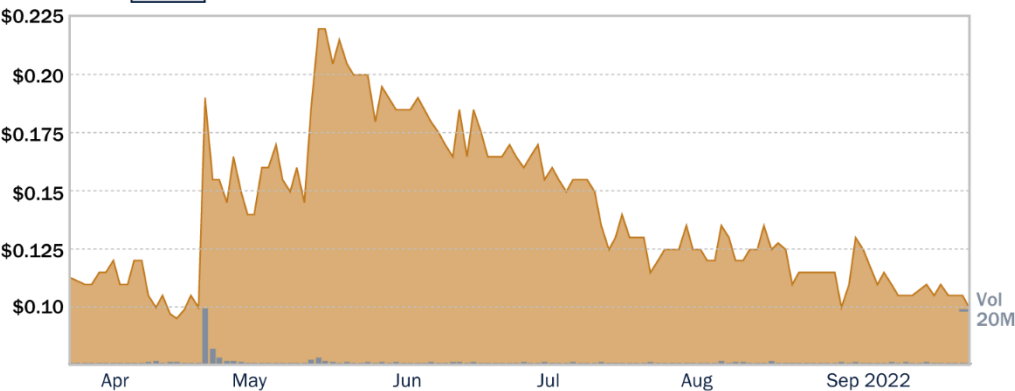
● 34.1%	Andrew Pumphrey
● 9.1%	Martin Holland
● 2.5%	Bedivere Holdings Pty Ltd
● 2.0%	HSBC Custody Nominees (Australia) Limited
● 52.3%	Other

## 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>Martin Holland</b>	<b>Executive Director Corporate</b> 15+ 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 6months to 23 Sept 2022



# 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
- Mulgabbie North Project is strategically located 2km directly adjacent Northern Star's **Carosue Gold Dam Mine (~3.5moz)** with similar rocks
- **Long-standing relationships** with existing stakeholders built up from working in the area for over 30 years

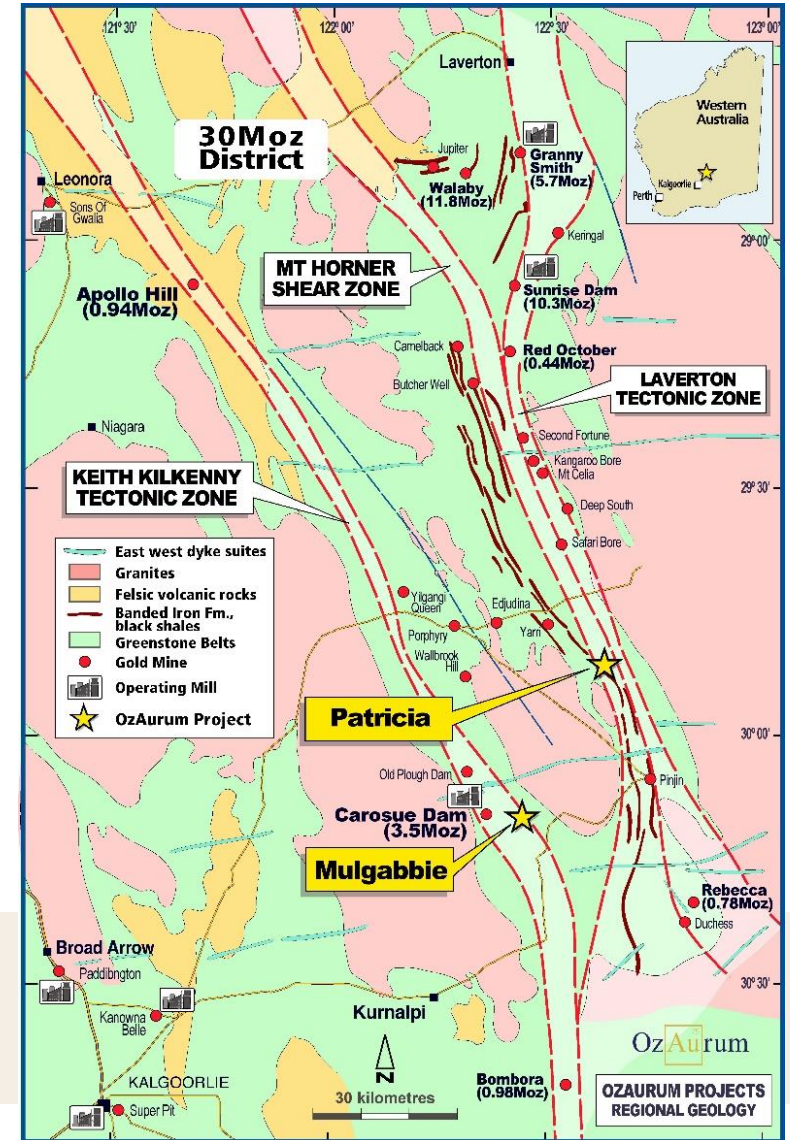


Figure: Eastern Goldfields Project Location plan



# 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 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 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

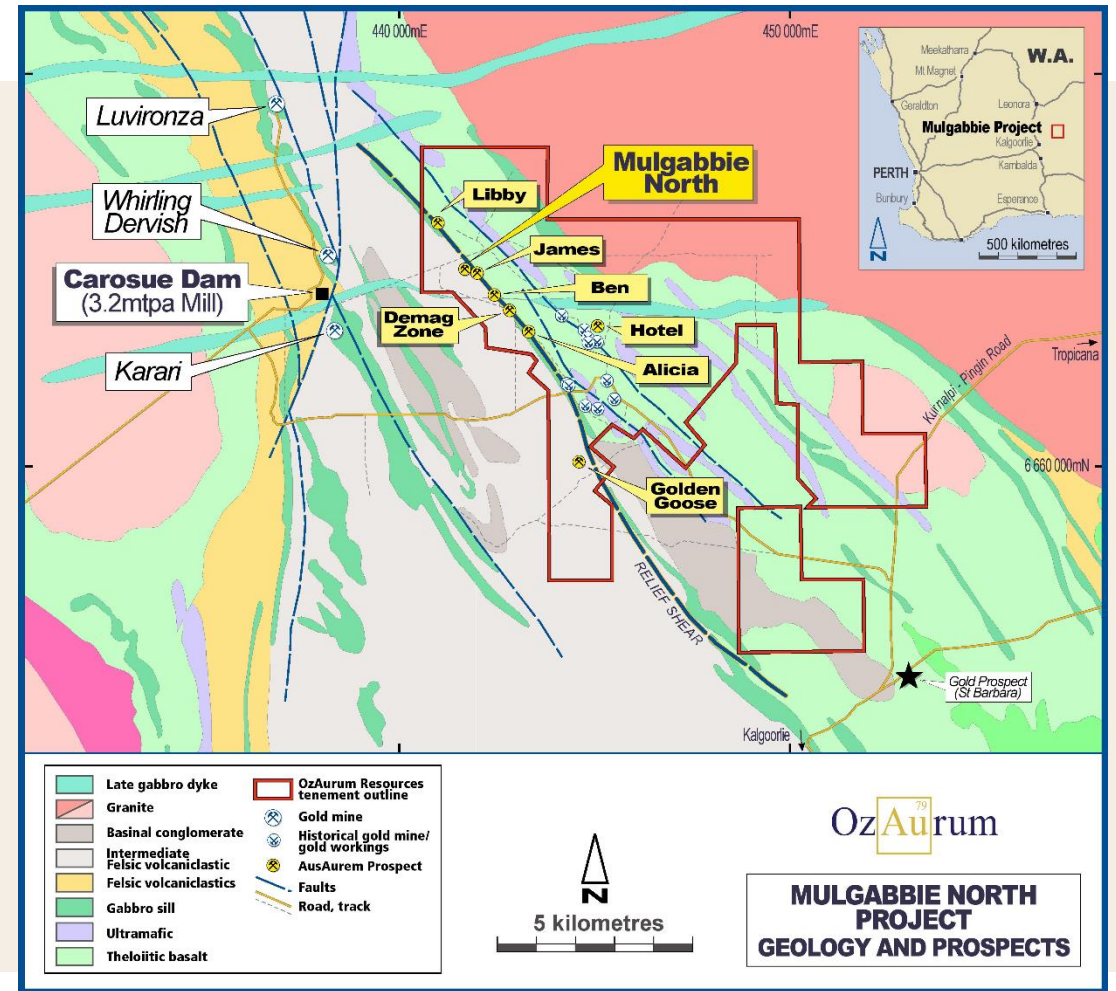


Figure: Mulgabbie North Project plan

# Mulgabbie North RC & Diamond drilling – 28,250m drilled

Figure: Mulgabbie North RC & DD Plan

## Results over 2.4km strike – including New Discovery Demag Zone

### Demag Zone Results in RC & DD:

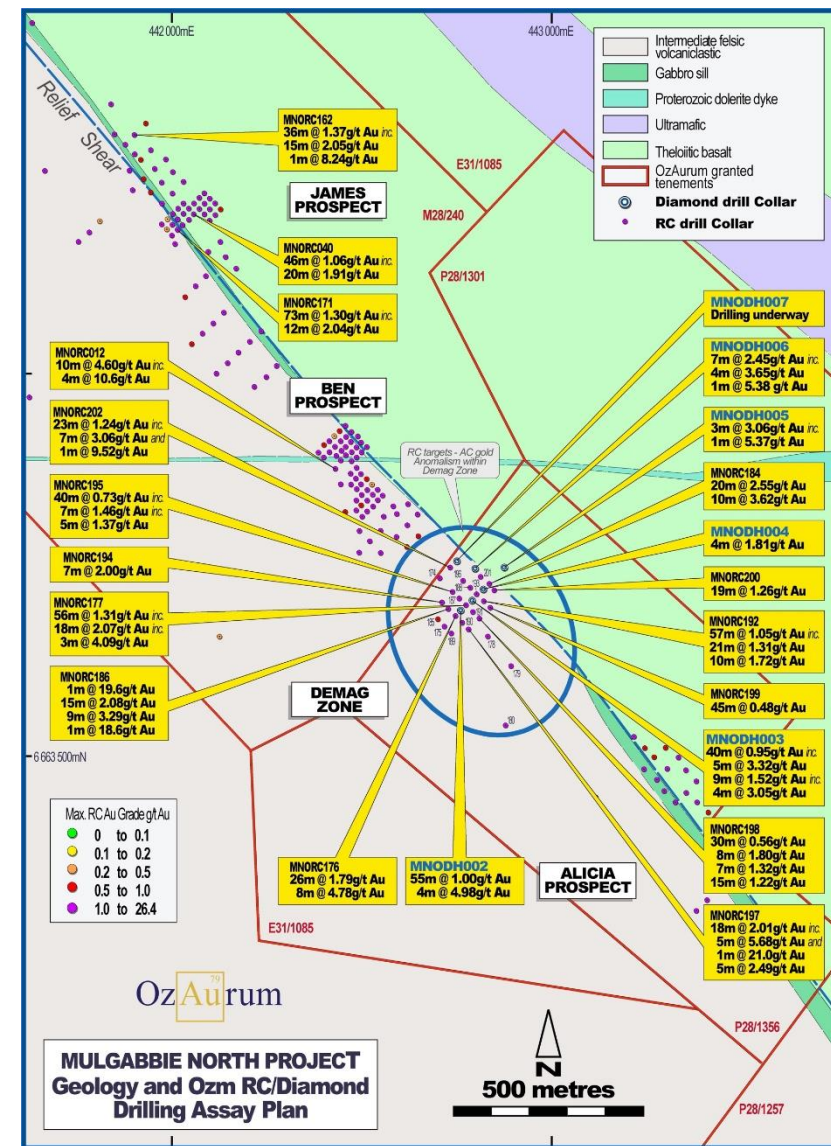
- 56m @ 1.31 g/t gold (Au) from 68m including 18m @ 2.07 g/t Au – MNORC177
- 26m @ 1.79 g/t Au from 136m including 8m @ 4.78 g/t Au – MNORC176
- 57m @ 1.05 g/t Au from 119m including 10m @ 1.72 g/t Au – MNORC192
- 20m @ 2.55 g/t Au from 251m including 10m @ 3.62 g/t Au – MNORC184
- 55m @ 1.00 g/t Au 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 AC drilling – 48,000m 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:

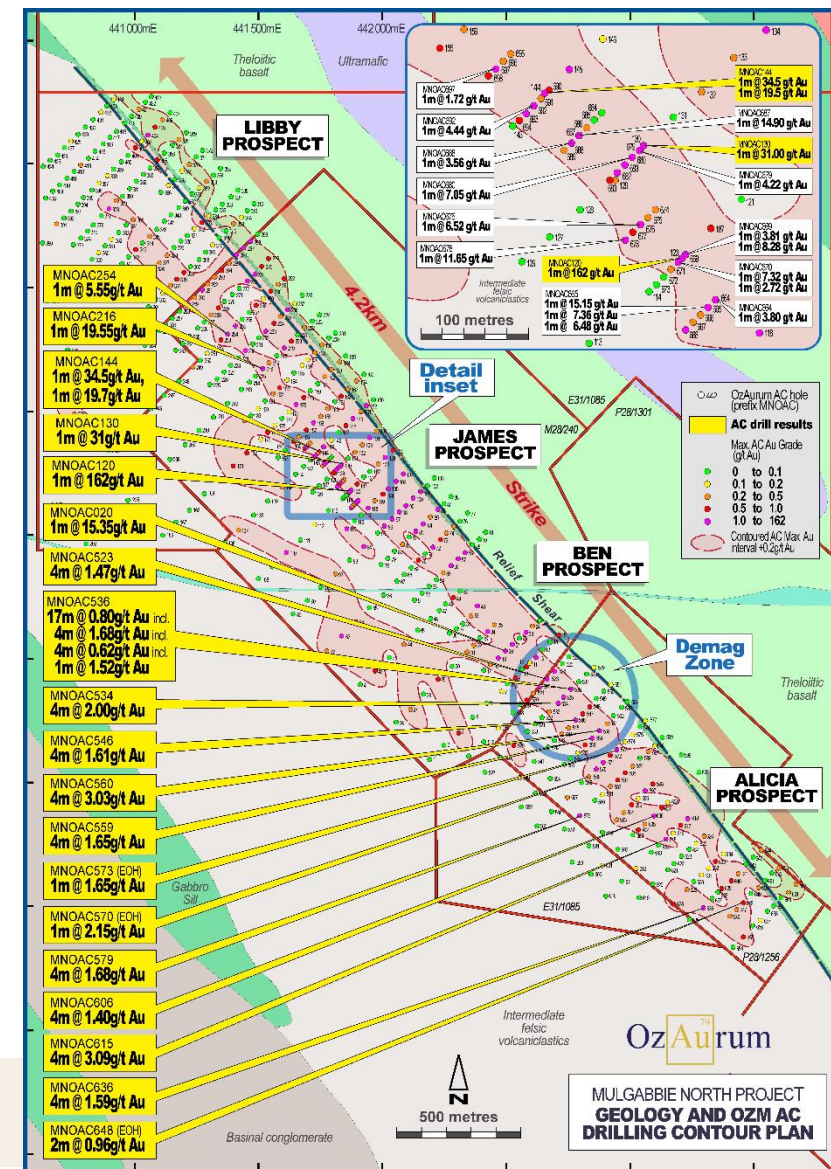
- 1m @ 2.15 g/t Au from 76m – MNOAC 570
- 4m @ 1.52 g/t Au from 75m – MNOAC 536
- 2m @ 0.96 g/t Au from 60m – MNOAC 648

### 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 currently systematically drill-testing many of these AC targets**

Figure: Mulgabbie North AC results

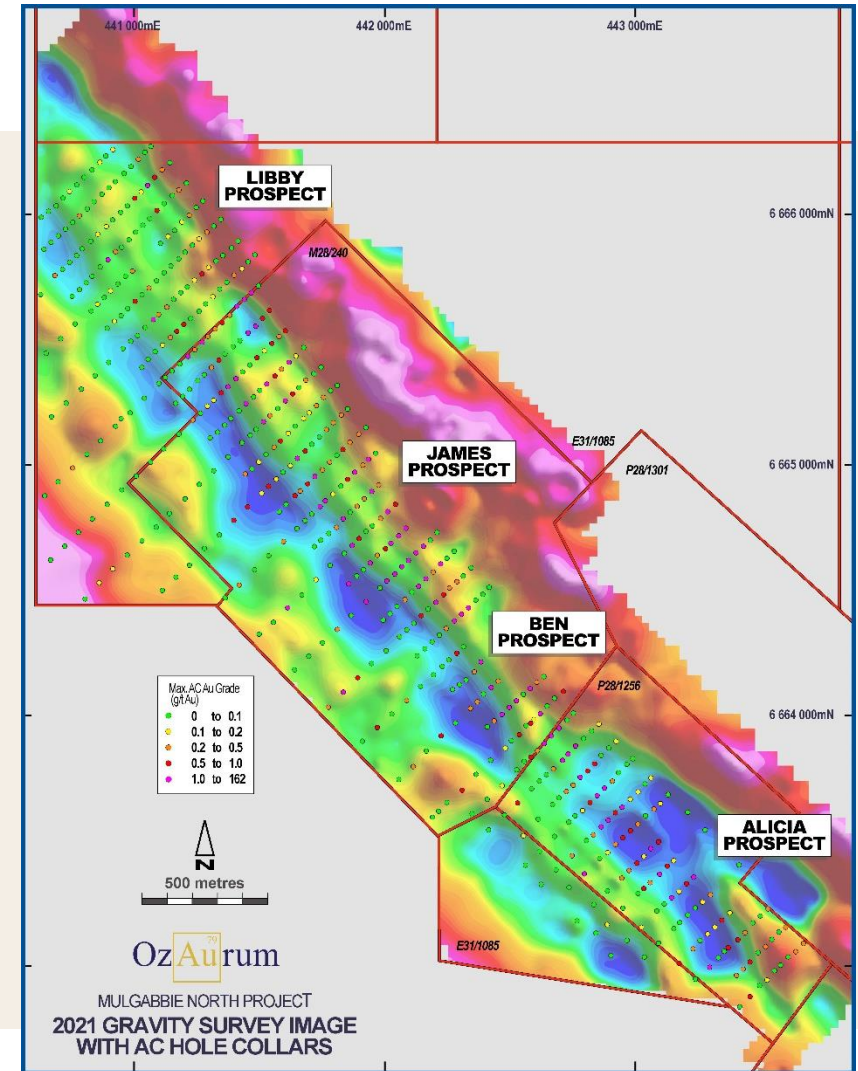


# Mulgabbie North – widespread gold mineralisation

## 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 our latest RC drilling – diamond drilling underway to confirm
- **North-south and cross cutting fault interpretation** underway at Demag Zone assisted with existing close spaced magnetics and gravity surveys
- All **NST Carosue Dam gold deposits (3.5 mill oz's)** occur on North - South faults and cross faults

Figure: Mulgabbie North AC Max gold with gravity image

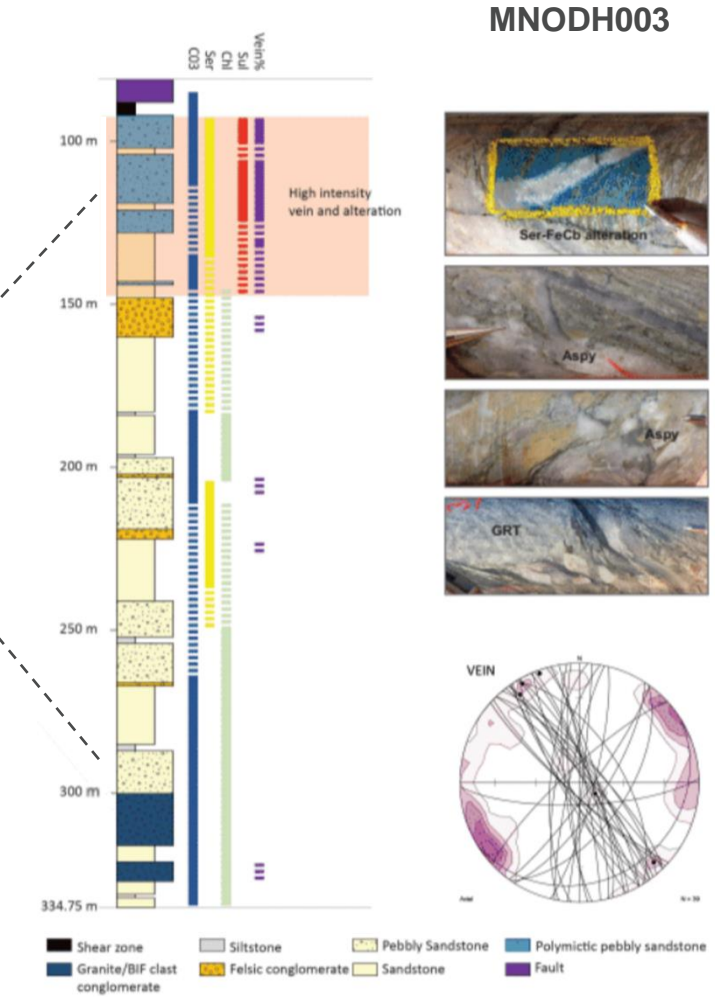




# Key features for significant orogenic gold discoveries

## 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)	●	●	●	●



# 2022 exploration plans at Mulgabbie North

## Immediate Drilling:

- Diamond drilling ongoing at the **New Discovery Demag Zone** within the Mulgabbie North Project.
- Diamond drilling aimed to target extensions of gold mineralisation associated with **MNORC 177** which intersected **56m @ 1.31 g/t gold (Au)** (from 68m) incl **18m @ 2.07 g/t Au** and **MNORC 176** at **26m @ 1.79 g/t Au** (from 136m) incl **8m @ 4.78 g/t Au**.

## 15,500m over the next 6 months:

- **3,000m DD drilling** - targeting depth extensions of existing prospects and potential cross fault locations
- **7,500m RC drilling** - targeting 500m of strike along new high grade AC gold results within demag zone and extensions of existing prospects along strike and at depth
- **5,000m AC drilling** - planned along strike on Relief Shear immediately south to 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

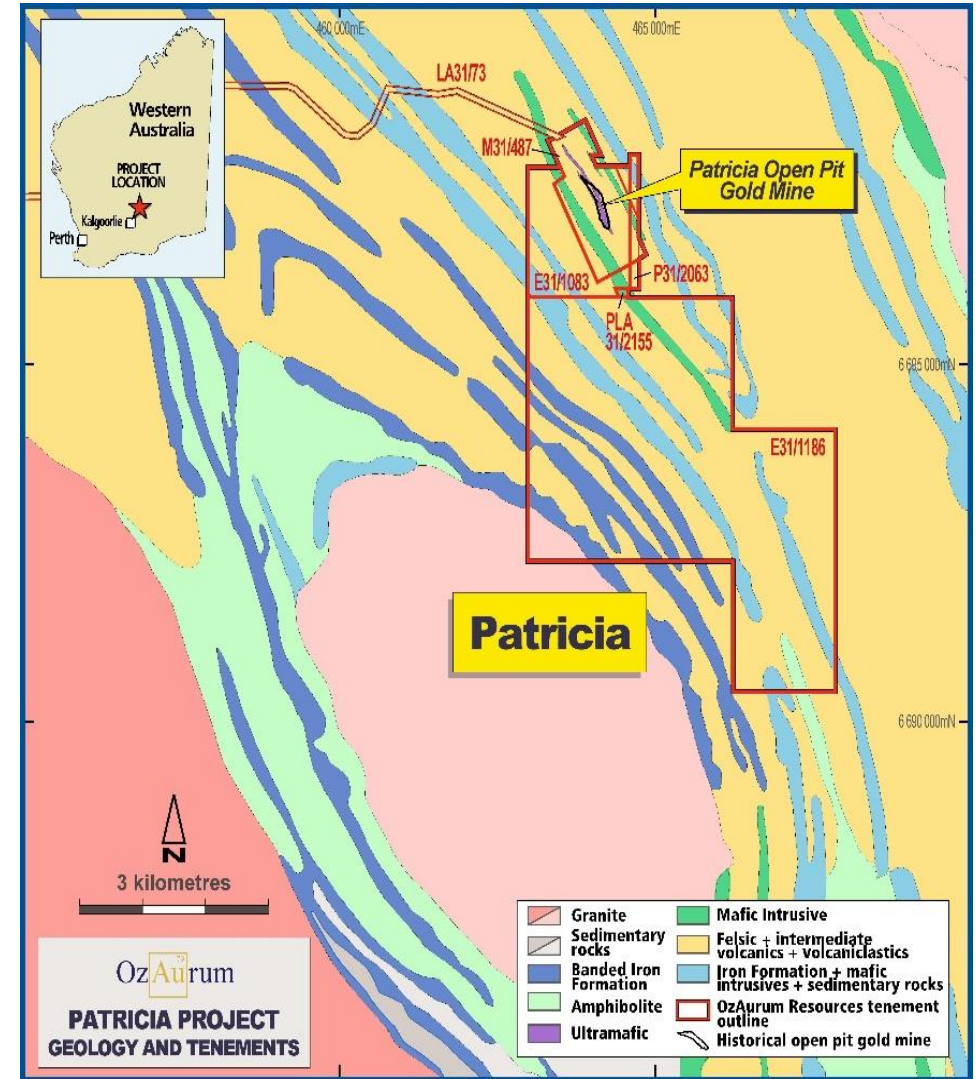


Figure: Patricia Gold Project Interpreted Geological Plan

# 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 @ 9.80 g/t Au** – PTORC 022
- **Visible gold intersected** in several RC holes including PTORC 022 (154-155m) and PTORC 024 (155-157)
- **1,000m Diamond drilling program** planned at Patricia
- Testing for high grade extensions at depth
- Twin existing RC holes to understand
  - Controls on high grade
  - Gold mineralisation

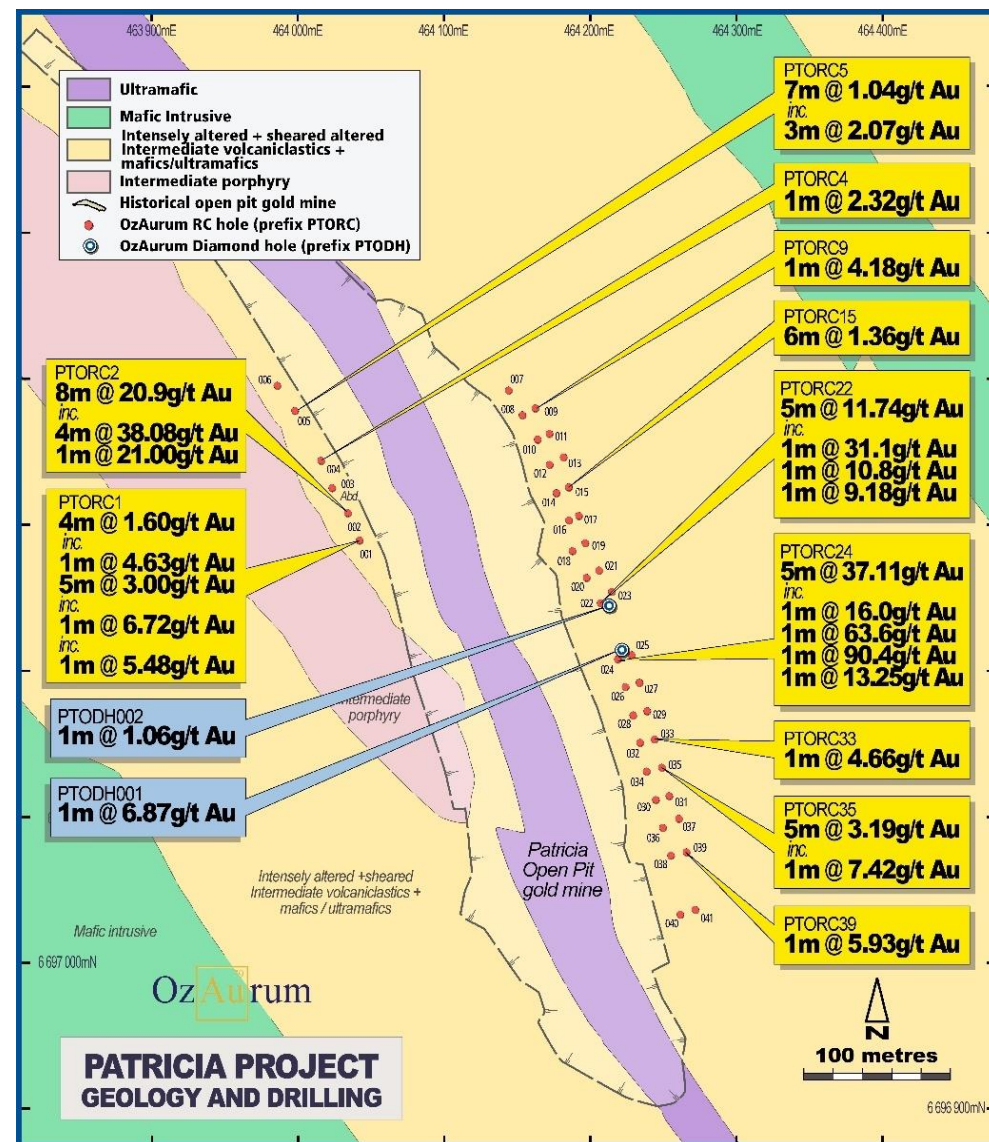


Figure: Patricia Gold Project RC drill results Plan



# Ongoing advanced exploration – timeline

15,500m drilling campaign ongoing at Mulgabbie North and Patricia – completion expected over next 6 months  
Current drilling program consists of 3,000m diamond drilling, 7,500m RC drilling and 5,000m AC drilling

Mulgabbie Gold Project	Q3 2022	Q4 2022
Aircore drilling - Mulgabbie North	●	●
Reverse Circulation drilling - Mulgabbie North	●	●
Diamond Drilling	●	●

Patricia Gold Project	Q3 2022	Q4 2022
Reverse Circulation drilling		●
Diamond Drilling		●
Geological Mapping + structural interpretation	●	●



*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

**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