

Investor webinar presentation

Kalgoorlie Gold Mining Limited (ASX:KAL) ('KalGold' or 'the Company'), is pleased to announce its participation in the ShareCafe Small Cap "Hidden Gems" Webinar, to be held Friday 23rd of June 2023 from 12:30pm AEST/ 10:30am AWST.

Matt Painter – Managing Director will provide an overview of the Company, which is a proven, low-cost gold discoverer with a large portfolio of West Australian projects

This webinar can be viewed live via Zoom and will provide viewers the opportunity to hear from, and engage with, a range of ASX-listed leading micro/mid cap companies.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

https://us02web.zoom.us/webinar/register/WN_j6wZjeq9Sr-E9r5MsLKZ_A

A copy of the investor presentation to be delivered during the webinar is attached.

A recorded copy of the webinar will be made available following the event.

Authorised for lodgement by the Board of Kalgoorlie Gold Mining Limited.

For further information regarding KalGold, please visit kalgoldmining.com.au or contact:

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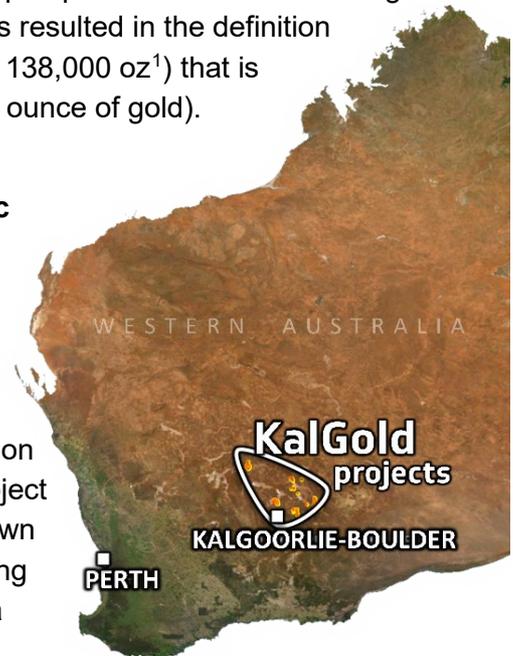
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About KalGold

ASX-listed resources company Kalgoorlie Gold Mining (KalGold, ASX: KAL) is a proven, low-cost gold discoverer with a large portfolio of West Australian projects, focussed on:

- The **Bulong Taurus Project**, 35km east of Kalgoorlie-Boulder, contains the outcropping **La Mascotte** gold deposit as well as a series of satellite prospects and historic workings of the **Taurus Goldfield**. Importantly, KalGold's methods resulted in the definition of a JORC resource estimate (3.61 Mt @ 1.19 g/t Au for 138,000 oz¹) that is one of the most inexpensive in recent times (A\$4.60 per ounce of gold). Exploration work continues at the project.
- The **Pinjin Project** within the **30Moz Laverton Tectonic Zone** (host to Sunrise Dam, Granny Smith, Rebecca, Anglo Saxon, and Wallaby projects) is located only 25km north along strike from Ramelius Resources (ASX: RMS) **Rebecca Gold Project**. With historic work identifying open gold mineralisation from shallow levels, immediate work is focused on testing mineralisation continuity. At Kirgella and Pinjin South, tenure is the subject of a farm-in over the next two years to expand upon known mineralisation. Between this tenure and KalGold's existing tenure and applications, the Company has established a significant presence in a strategic and important region.
- Other projects are the focus of early-stage exploration programs. Gold anomalism and recent discoveries are driving efforts at **Perrinvale** and **Zelica**, and under-explored parts of the Keith-Kilkenny Tectonic Zone are being examined. Additionally, lithium potential is being tested at the **Pianto** and **Pinjin** projects.



Follow KalGold on social media.



¹ See KalGold ASX release, "La Mascotte gold deposit: First JORC (2012) Mineral Resource of 138,000 oz Au". 7 March 2023.



**Kalgoorlie
Gold Mining**

(ASX: KAL)



SHARE CAFÉ “HIDDEN GEMS” WEBINAR

23 June 2023

Disclaimer and Forward-Looking Statement



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Though reasonable care has been taken to ensure that the facts are accurate and/or that the opinions expressed are fair and reasonable, no reliance can be placed for any purpose whatsoever on the information contained in this document or on its completeness. Actual results and developments of projects and the market development may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.

No stock exchange, regulation services provider, securities commission or other regulatory authority has approved or disapproved the information contained in this news release.

Exploration Results

The references in this Presentation to historic Exploration Results for the Pinjin Gold Project were reported in accordance with Listing Rule 5.7 on 23 May 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement noted above.

Competent Person Statement

The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Matthew Painter, a Competent Person who is a Member of the Australian Institute of Geoscientists. Dr Painter is the Managing Director and Chief Executive Officer of Kalgoorlie Gold Mining Limited (KalGold) and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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. Dr Painter consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears. Dr Painter holds securities in Kalgoorlie Gold Mining Limited.



Global experience applied to the Eastern Goldfields

Proven, low-cost gold discoverer

- **La Mascotte:** One of the **lowest cost JORC resources** in recent times (outcropping gold near Kalgoorlie: **138,000oz for \$4.60/oz**) within 14 months of IPO
- **Pinjin acquisition:** in the **30Moz Laverton Tectonic Zone** (host to **Sunrise Dam, Granny Smith, Rebecca, Anglo Saxon, Wallaby** etc.)

High-grade hits at Pinjin: historic results include **33m at 3.10g/t Au** (KGRC004)

Kalgoorlie office, Kalgoorlie geologists

- More time in the bush and less in the office

Strategic project portfolio offers plenty of upside

Discovery Strategy

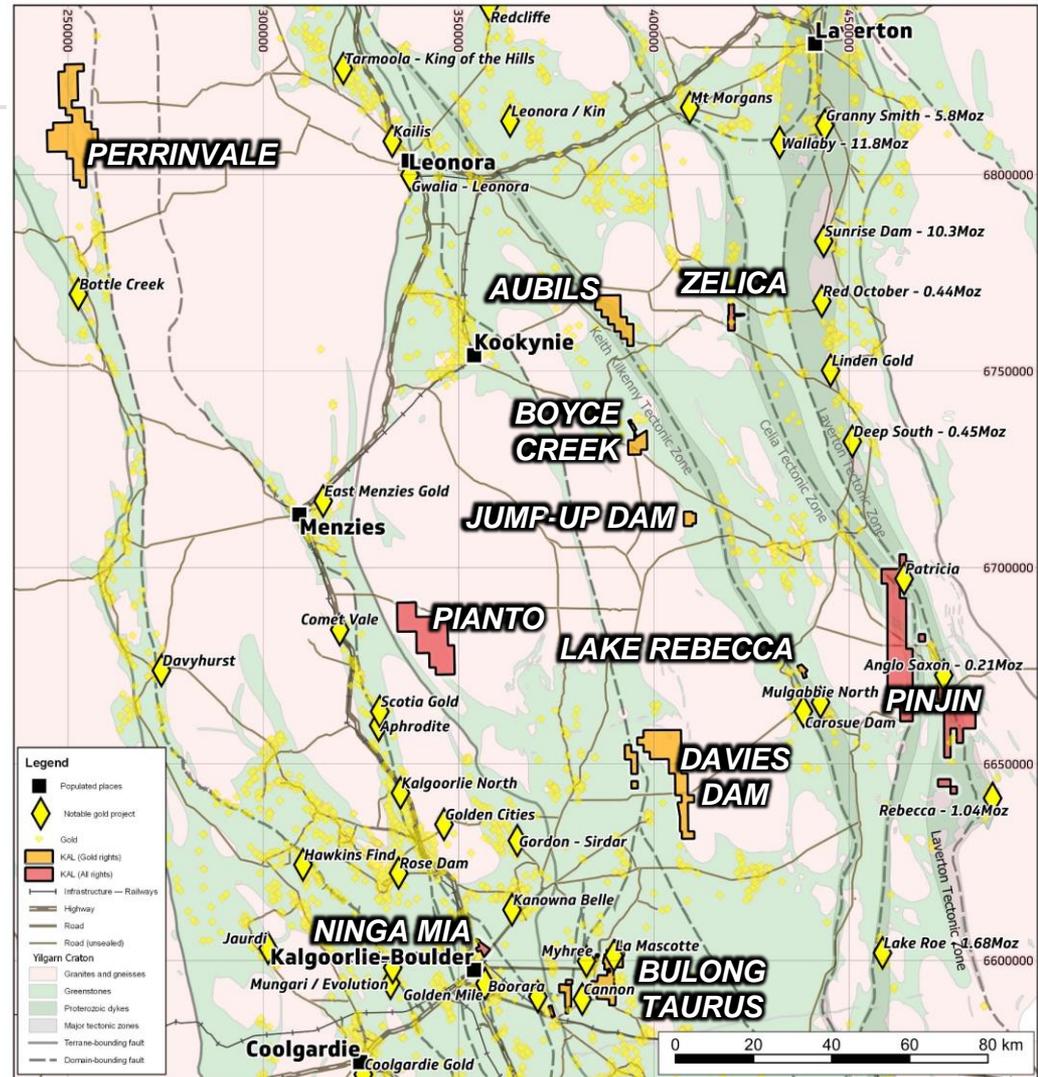
Discovering low-cost gold resources near Kalgoorlie-Boulder

Bulong Taurus Gold Project

- Low-cost discovery, JORC resource and extension **35km from Kalgoorlie**

Pinjin Project

- Initial focus on shallow, high-grade hits at **Kirgella Gift** within new farm-in tenure
- **Active M&A region** as Ramelius shores up feedstock for its proposed Rebecca mill

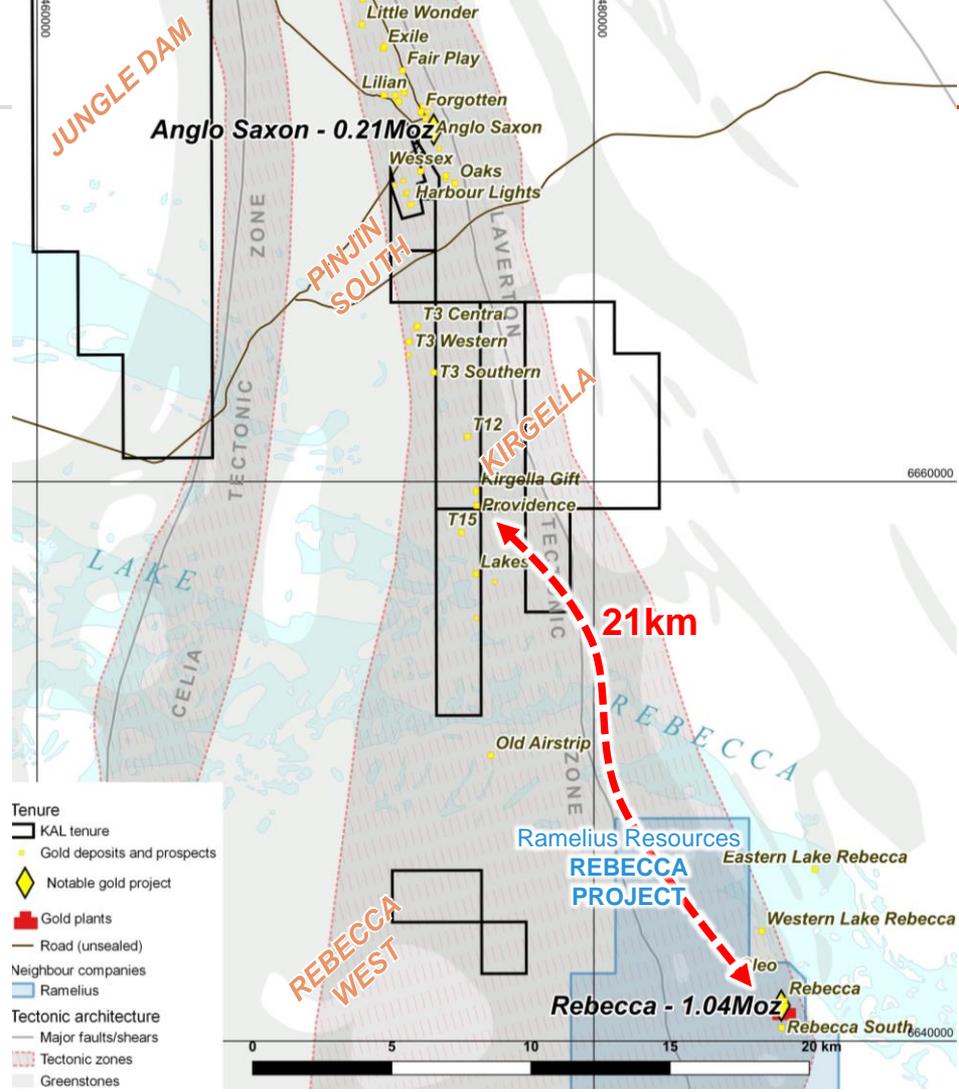


PINJIN PROJECT

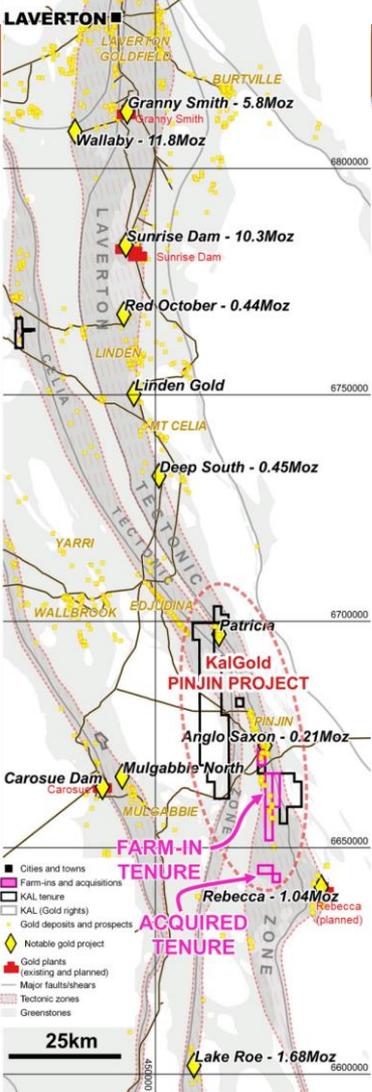
New acquisition, big potential

Pinjin Project

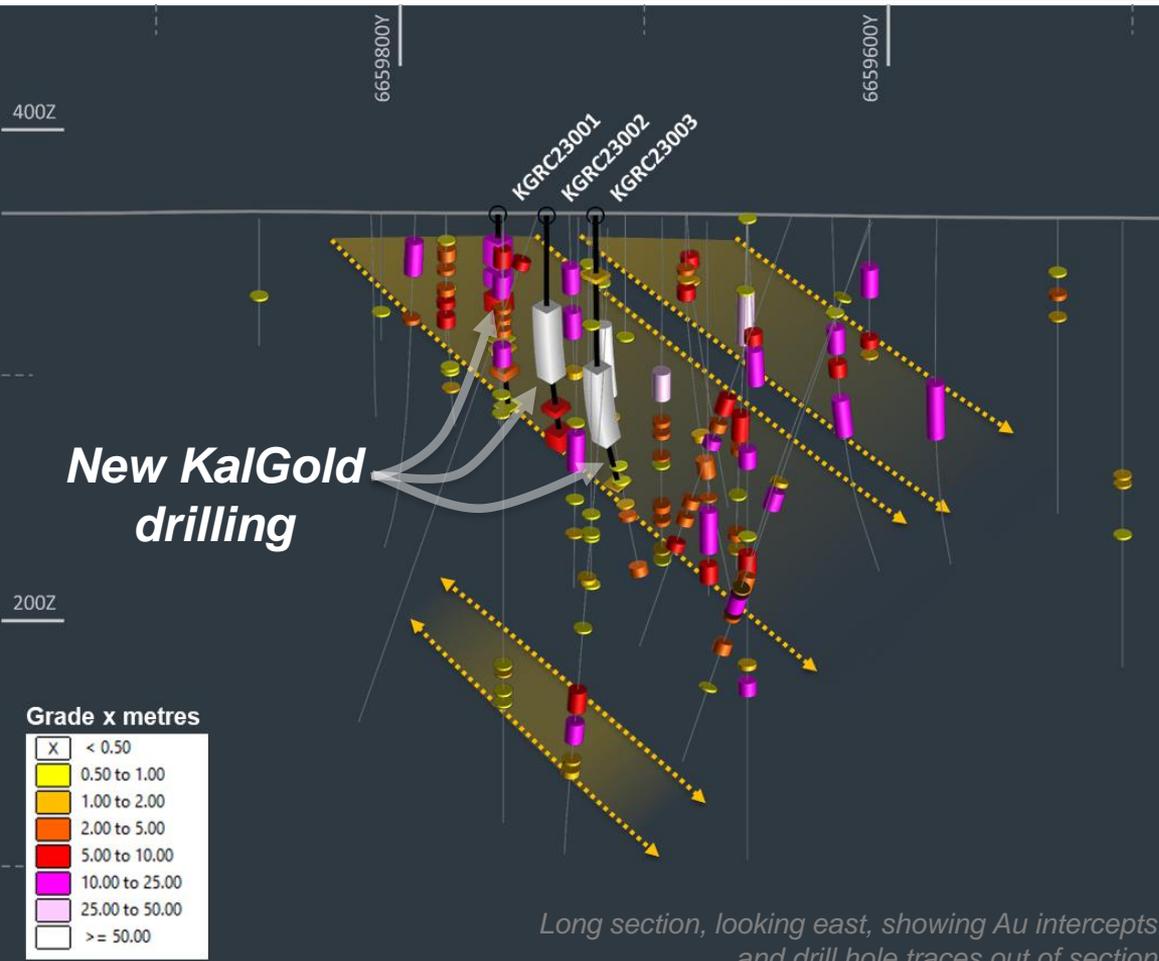
- **246 km², granted and applications**
 - Kirgella Gift and Providence prospects
 - Wessex, Harbour Lights South prospects
 - Jungle Dam gold prospect
 - New targets generated, being ranked
- Along strike from **Ramelius Resources' Rebecca Project**
 - **Kirgella Gift** is ~21km from the proposed **Rebecca gold plant**
- Neighbours include **OzAurum, E79, FMG, Hawthorn, Northern Star**



Within the Laverton Tectonic Zone



- Within southern part of highly prospective **30Moz Laverton Tectonic Zone**
 - Hosts some of the largest deposits in the Eastern Goldfields (**Sunrise Dam, Wallaby, Granny Smith, Red October, and Rebecca**)
- Located under transported cover
 - 500m from **Anglo Saxon pit**
 - Historic exploration defined numerous prospects containing high-grade gold
 - **No exploration since 2011**
 - Granting of tenement applications anticipated soon



Thick, shear-hosted gold mineralisation at Kirgella Gift is characteristic of major Laverton Tectonic Zone deposits

- KGRC23003: **38 m at 1.86 g/t Au** from 73 m
*including 6 m at 2.85 g/t Au from 77 m
 and 11 m at 2.66 g/t Au from 86 m
 and 1 m at 4.20 g/t Au from 105 m
 and 1 m at 3.35 g/t Au from 109 m*
- KGRC23002: **35 m at 1.71 g/t Au** from 43 m
*including 12 m at 2.11 g/t Au from 44 m
 and 3 m at 3.15 g/t Au from 67 m
 and 1 m at 5.13 g/t Au from 93 m*
- KGRC23001: **12 m at 1.71 g/t Au** from 11 m
*including 4 m at 2.91 g/t Au from 16 m
 and 7 m at 1.50 g/t Au from 26 m
 including 2 m at 3.30 g/t Au from 26 m*

Follow-up, systematic drilling soon to test shallow gold continuity

- **500m from Anglo Saxon Pit**

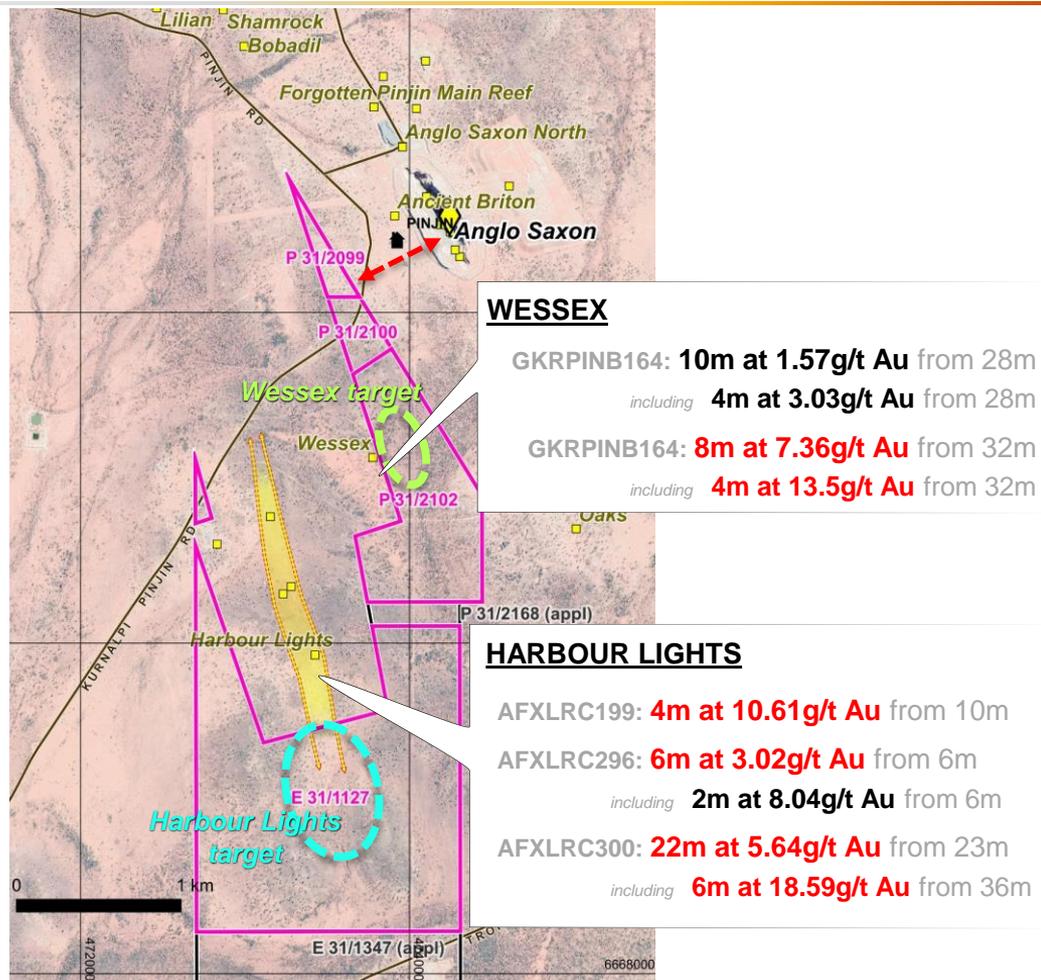
- Distance from P31/2099 to pit edge

- **Wessex Prospect**

- Historic intercepts show mineralisation dipping into P31/2102
- Transported cover on P31/2102, never explored, no drilling.
- Drill possibilities being assessed

- **Harbour Lights extension**

- Historic drilling off tenure shows mineralisation trend into E31/1127
- Targets being defined



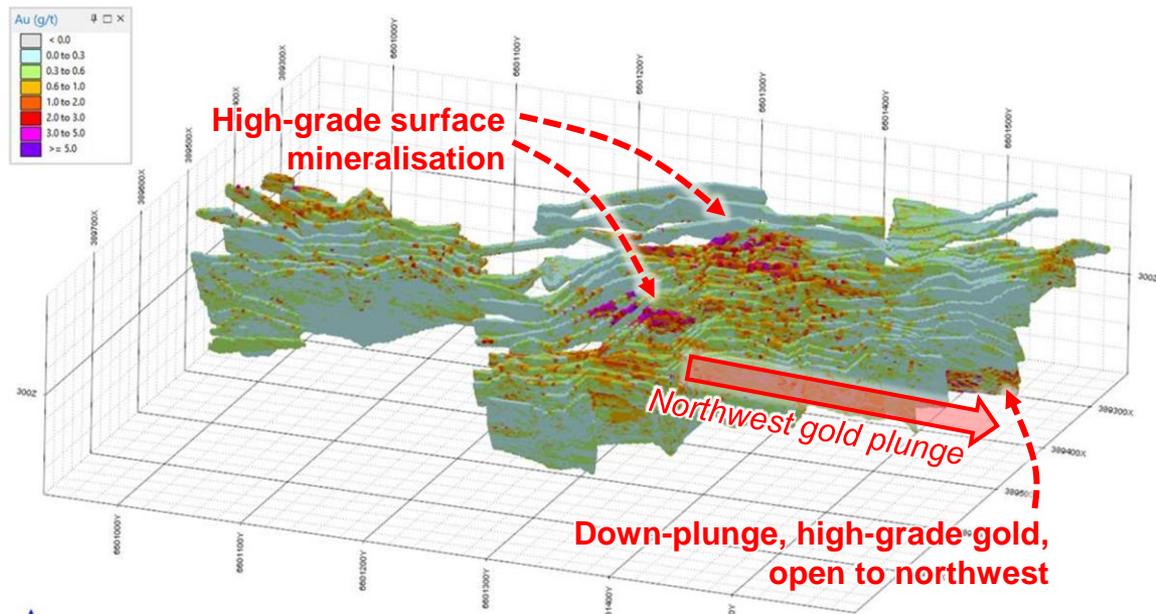
BULONG TAURUS PROJECT

Outcropping gold resource near Kalgoorlie

3.61 Mt @ 1.19 g/t Au for 138,000 oz (0.6 g/t cut-off)

JORC (2012) Inferred Resource Estimate

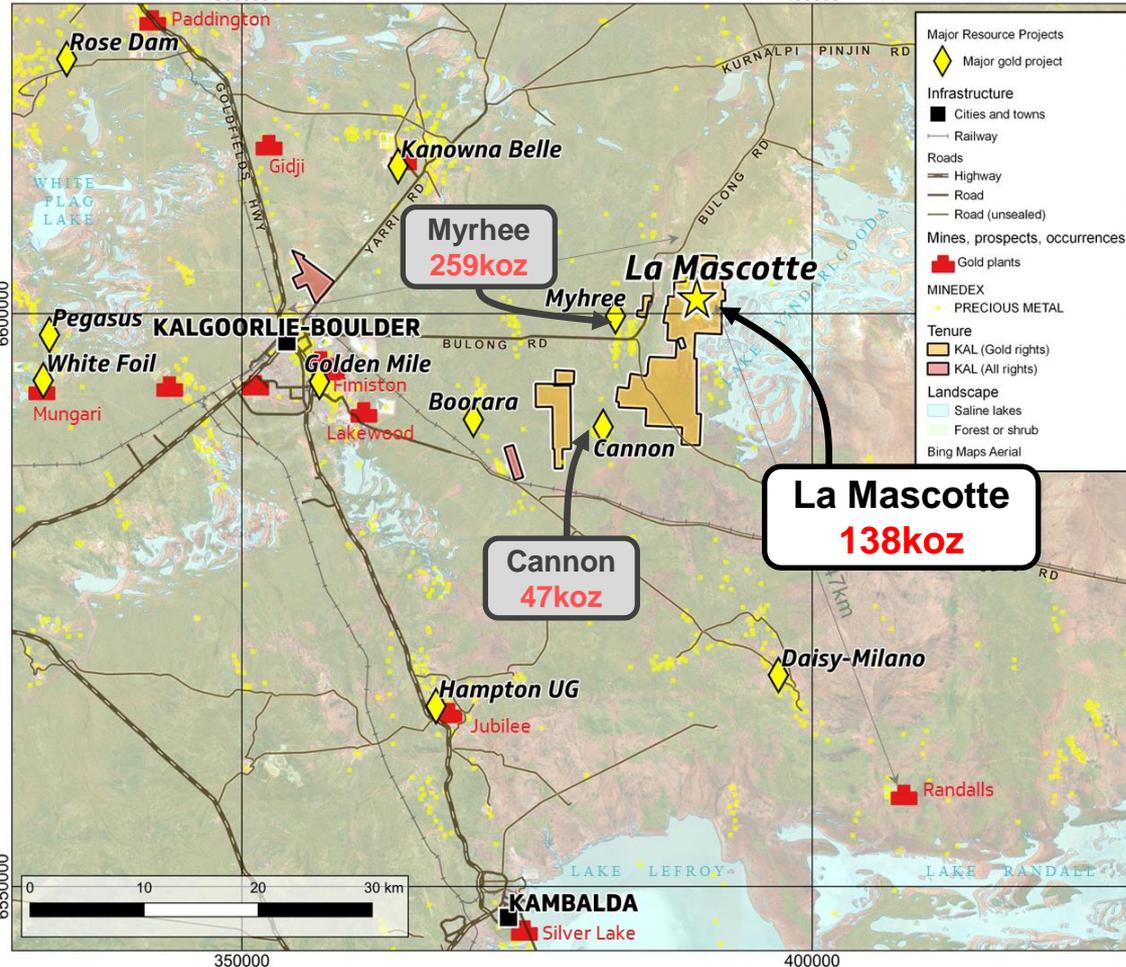
- Outcropping gold mineralisation, continuous to over 130m deep
- Open at depth
- Stacked vein system, up to 175m thick
- Less than \$5 per ounce to define
- Open pit mining proposed
- On a mining licence (M25/19)
- Simple, plain metallurgy
- Satellite mineralisation to be expanded, part of a larger operation?



Oblique view of the La Mascotte block model, looking downwards towards the west-southwest. Note high grade mineralisation near surface and open at depth down-plunge. Projection GDA94 MGA Zone 51.



A growing gold district near Kalgoorlie



- Outcropping gold at La Mascotte
- Only 35km from Kalgoorlie
- Amenable to higher-grade cut-offs
 - Higher-grade, reduced ounces
 - Comparable to nearby Cannon deposit



CURRENT RAISING

Funds to advance projects

- **\$1.4M** raised via private placement plus up to **\$0.5M** via Share Purchase Plan (**SPP, open until 27 June**)
 - Strong support from new and existing sophisticated and professional investors
- Funds applied to **systematic drilling and assessment of the PINJIN PROJECT**, which includes:
 - Extension of **shallow gold mineralisation** at Kirgella Gift
 - Drill test for continuity in the gap between Kirgella Gift and Providence
 - Assessment of other established targets,
 - **T12, T15, Wessex**, and the **Harbour Lights** extension,
 - a series of newly defined targets
 - **Strong lithium potential** of the Pinjin region requires further investigation over KalGold's tenement package
 - Frees funds to advance KalGold's other projects and move **La Mascotte** towards mining





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