



A HIDDEN GOLDFIELD EAST OF KALGOORLIE?

Testing key gold-mineralising structures in the unexplored south



INVESTOR PRESENTATION, 11 JUNE 2025

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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.

The references in this announcement to Exploration Results were reported in accordance with Listing Rule 5.7 in the announcements titled:

- *Lighthorse RC program confirms primary gold mineralisation at depth, follow up drilling imminent, 15 April 2025*
- *Aircore drilling to test Lighthorse strike extensions in April, 10 March 2025*
- *Multi-kilometre target areas along strike at KalGold's Lighthorse discovery, 17 February 2025*
- *'Lighthorse' gold discovery at Pinjin: thick, high-grade gold intercepted at new greenfields find, 7 February 2025*
- *First-pass aircore drilling at Kirgella West: broad gold anomalism and mineralisation over 1,200m strike, 18 December 2024*
- *Quarterly activities report for the quarter ending 30 September 2024, 30 October 2024*
- *Providence: North plunging shallow gold mineralisation has significant potential, 7 December 2023*
- *Shallow, high-grade results extend Kirgella Gift and Providence corridor to over 1,150m of strike, 25 October 2023*
- *Thick, shear-hosted gold mineralisation intercepted at Kirgella Gift, 8 June 2023*
- *KalGold farms-in to Kirgella gold tenements and acquires Rebecca West tenure at Pinjin, 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 announcements noted above.

Competent Person Statement

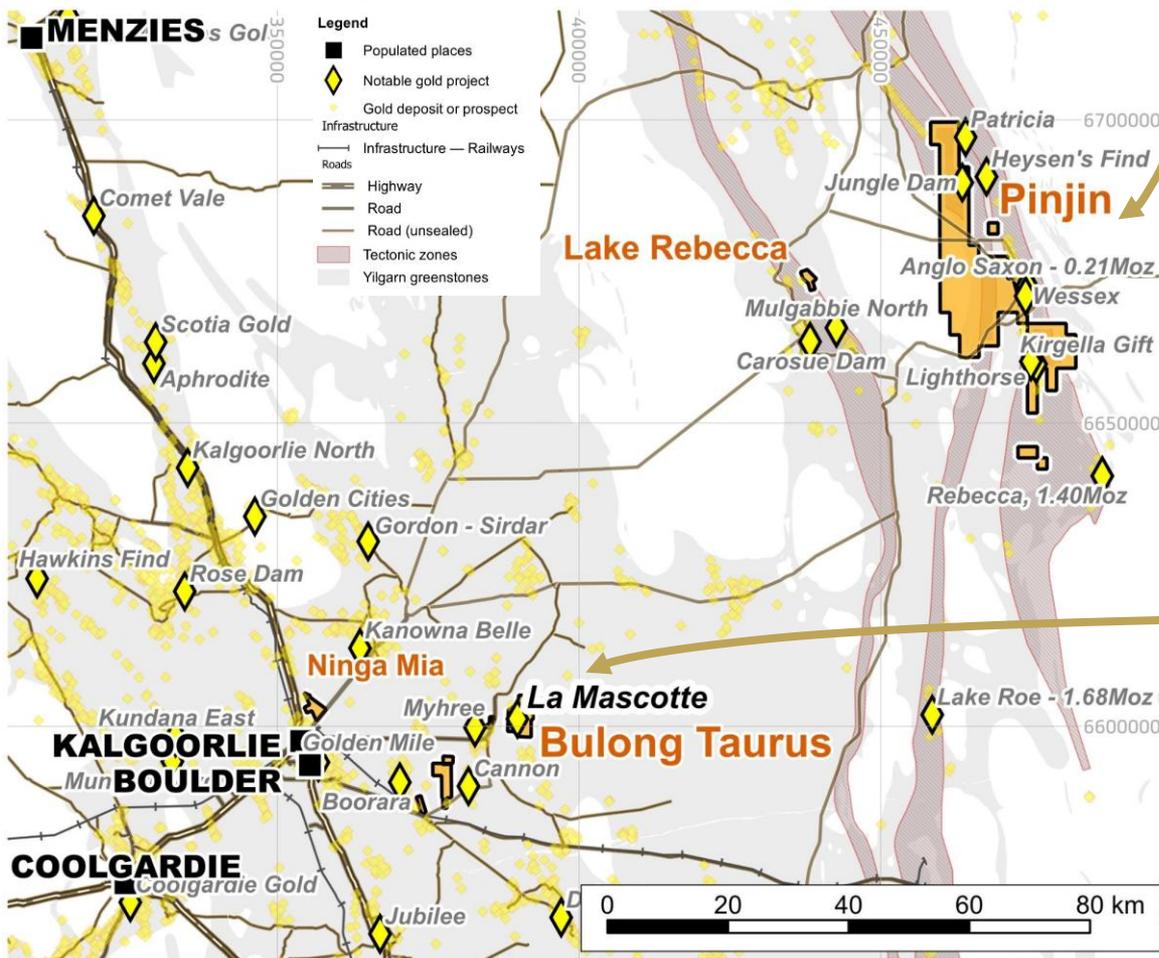
The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Matthew Painter, a Competent Person who is a Member of the Australian Institute of Geoscientists. Dr Painter is the Managing Director 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.

Mineral Resource Estimate

The references in this announcement to Mineral Resource estimates were reported in accordance with Listing Rule 5.8 in the following announcements:

- *La Mascotte gold deposit: First JORC (2012) Mineral Resource of 138,000 oz Au, 7 March 2023.*
- *First Kirgella Gift Inferred Resource of 76,400 oz from 3m, 25 July 2024.*

In accordance with ASX Listing Rule 5.23, 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 and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in the previous market announcements continue to apply.



Pinjin Gold Project

- Southern part of the **+30Moz Laverton Tectonic Zone** has **multi-million-ounce potential**
- **Low-cost shallow gold resources** recently defined by KalGold at Kirgella Gift and Providence
- **Targets defined throughout** undergoing systematic assessment.
- Pipeline of prospects and deposits
 - **Potential for a large discovery**
 - **Feed for nearby mills**

Bulong Taurus Gold Project

- **Outcropping gold** at La Mascotte deposit
- **Low-cost Inferred JORC resource of 138koz** only **35km** from Kalgoorlie
- Gold mineralisation open at depth and in all directions

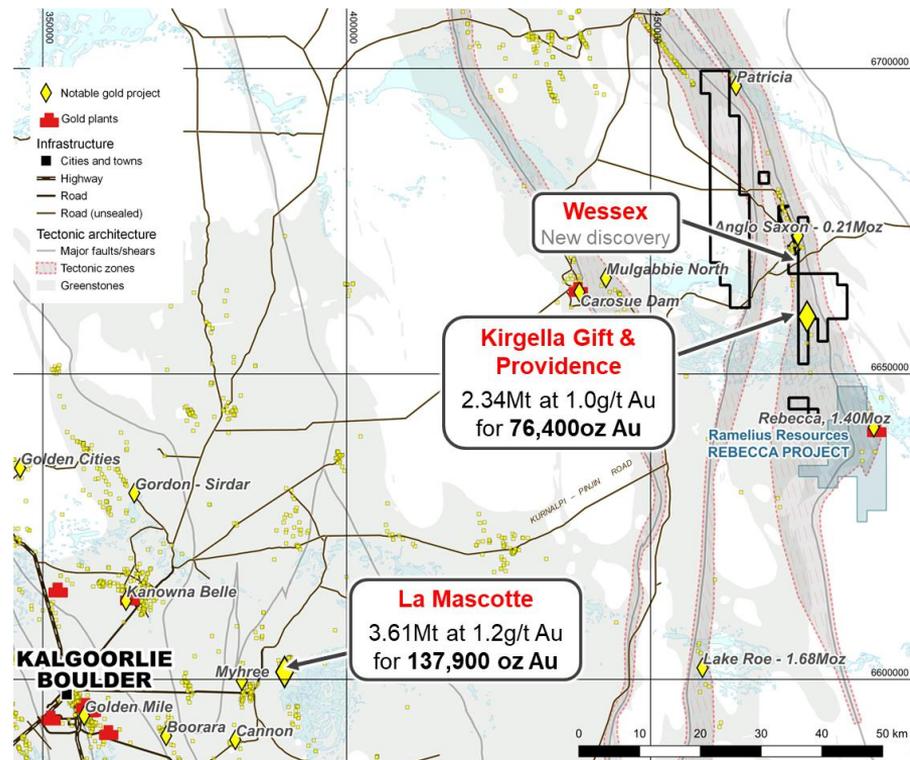
KalGold's total gold resources



KalGold Inferred Mineral Resources are from surface, totalling **214,300 ounces** of gold

Project	Tonnes (Mt)	Au Grade (g/t)	Au (oz)	Discovery Cost per ounce
Bulong Taurus	3.61	1.2	137,900	A\$4.79
Pinjin	2.34	1.0	76,400	A\$4.18
Total	5.95	1.1	214,300	A\$4.57

Significant upside with gold price
>A\$5,000 per ounce



PINJIN GOLD PROJECT



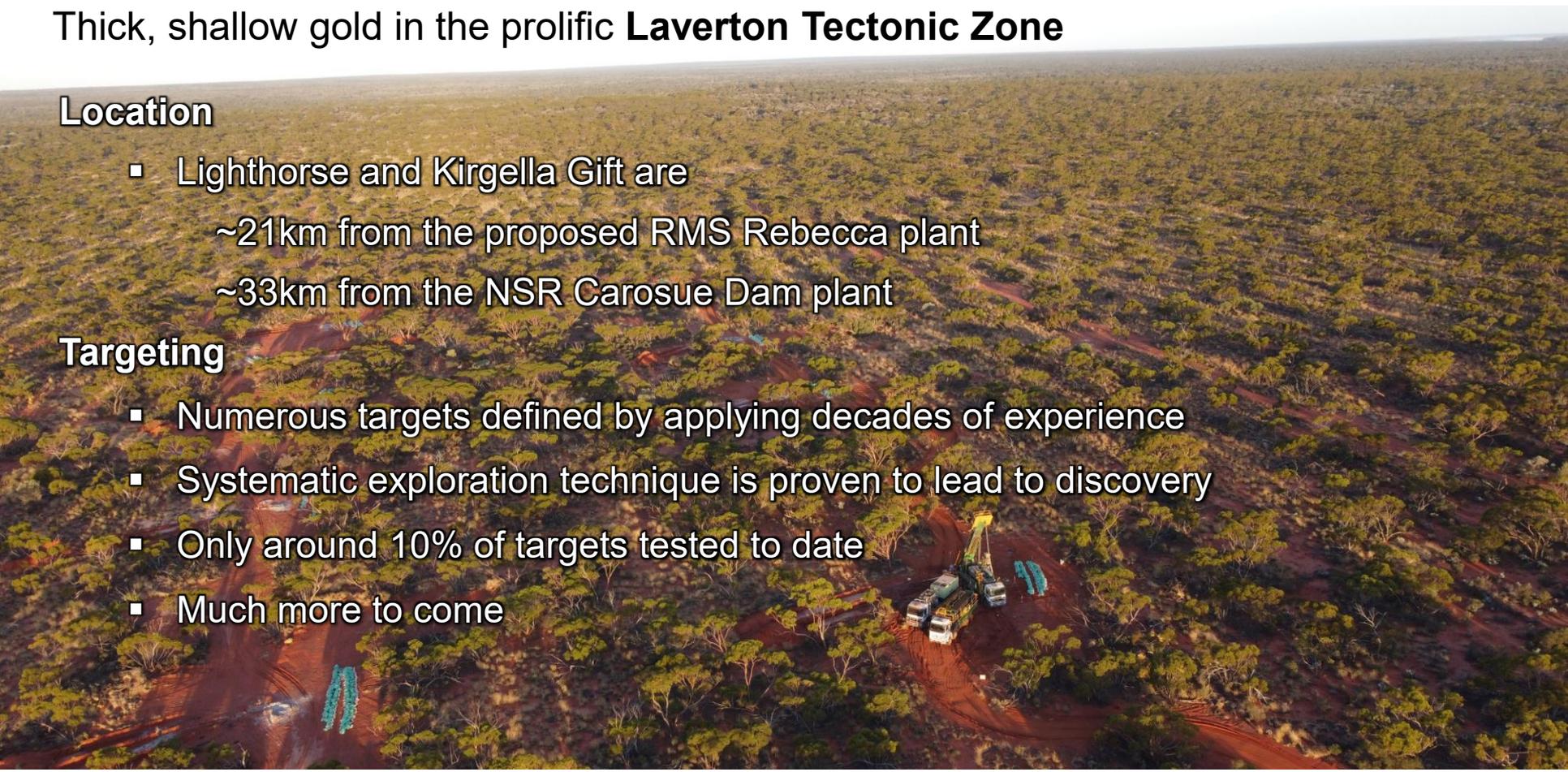
Thick, shallow gold in the prolific **Laverton Tectonic Zone**

Location

- Lighthouse and Kirgella Gift are
 - ~21km from the proposed RMS Rebecca plant
 - ~33km from the NSR Carosue Dam plant

Targeting

- Numerous targets defined by applying decades of experience
- Systematic exploration technique is proven to lead to discovery
- Only around 10% of targets tested to date
- Much more to come



Laverton Tectonic Zone (LTZ) symmetry



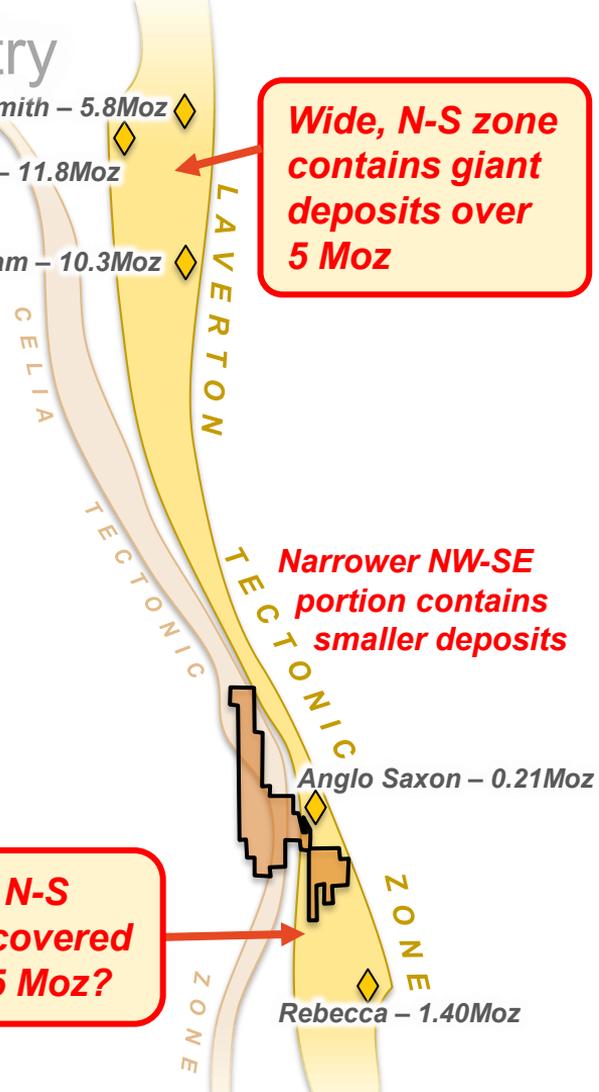
- **We're in Elephant Country!**
 - Macro-scale symmetry
 - Thick, north-south portions of the LTZ in the north and the south.
- Are there >5Moz deposits of the southern LTZ still to be discovered?

Granny Smith – 5.8Moz

Wallaby – 11.8Moz

Sunrise Dam – 10.3Moz

Wide, N-S zone contains giant deposits over 5 Moz



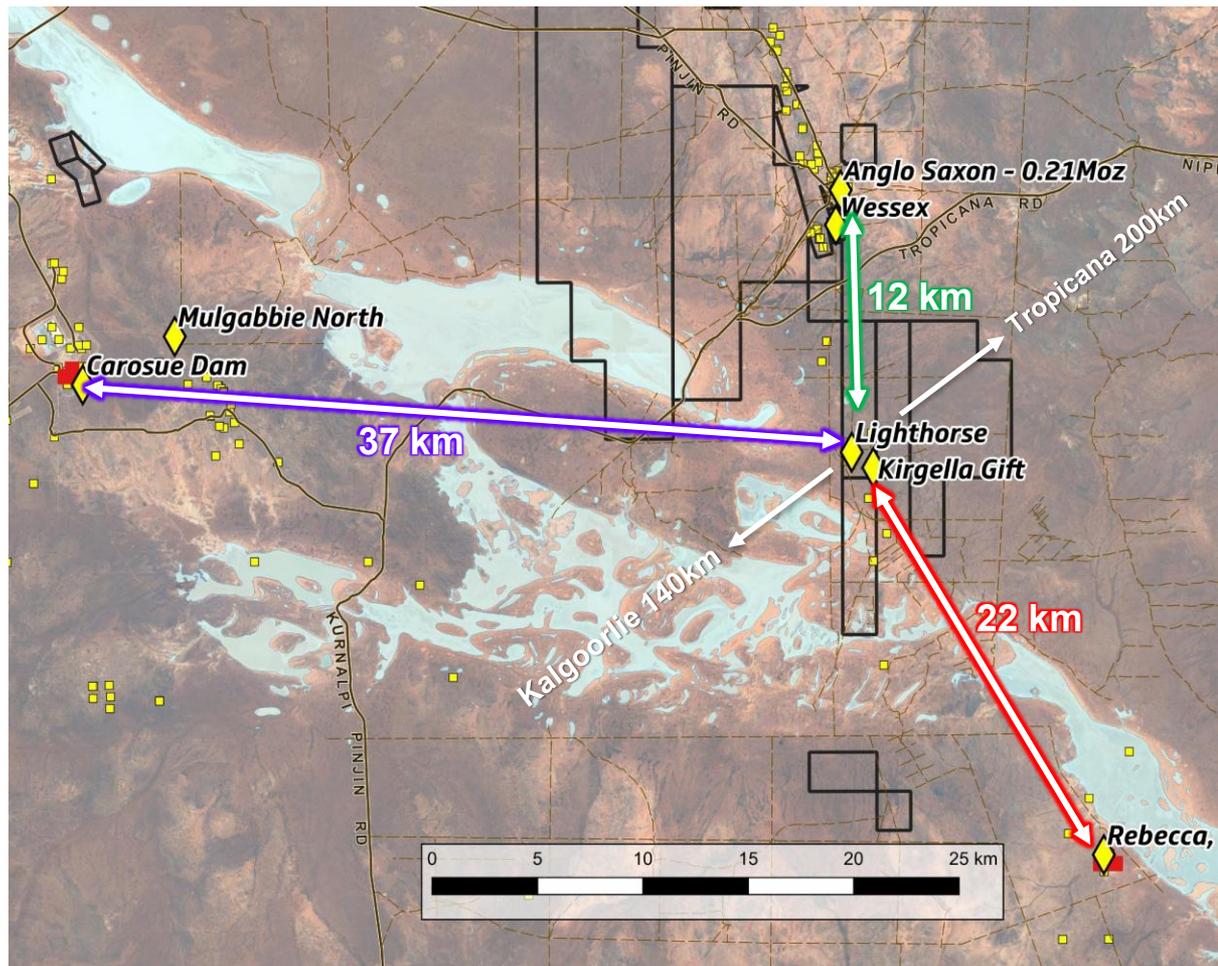
Repeated wide N-S section. Undiscovered deposits over 5 Moz?

KalGold's resources in the right location



Prospect	Tonnes (Mt)	Au Grade (g/t)	Au (oz)
Kirgella Gift	1.81	1.0	58,500
Providence	0.53	1.1	17,900
Total	2.34	1.0	76,400

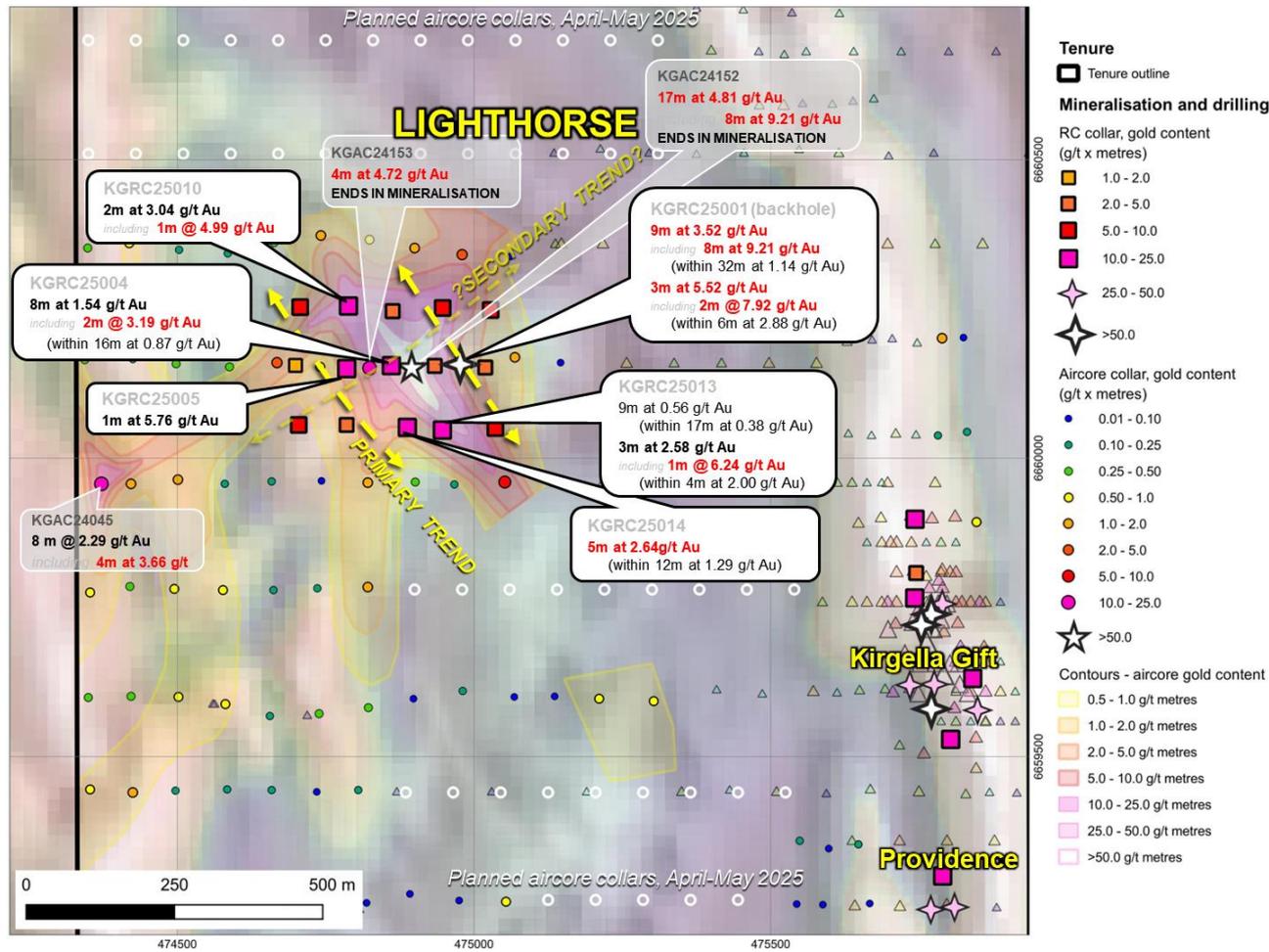
- Inferred Resource from 3m depth
- Focused on shallow resource
- Resource definition cost of only **~A\$4.20 per gold ounce**
- Close to existing plant at **Carosue Dam** (Northern Star) and planned plant at **Rebecca** (Ramelius)
- Accessible via well-maintained Kurnalpi-Pinjin Rd
 - 1.5 to 2 hrs drive from Kalgoorlie



LIGHTHORSE: A new discovery with significant potential



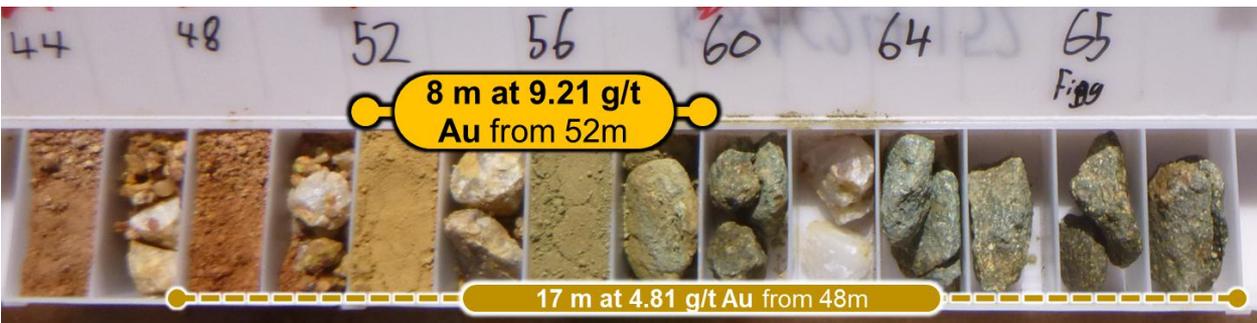
- New KalGold-generated target with no historic exploration
- Thick, high-grade intercepts defined in aircore and confirmed in fresh rock
- Open in all directions
 - No historic drilling to north, almost no effective drilling to south.



Typical orogenic gold deposit characteristics



KGAC24152



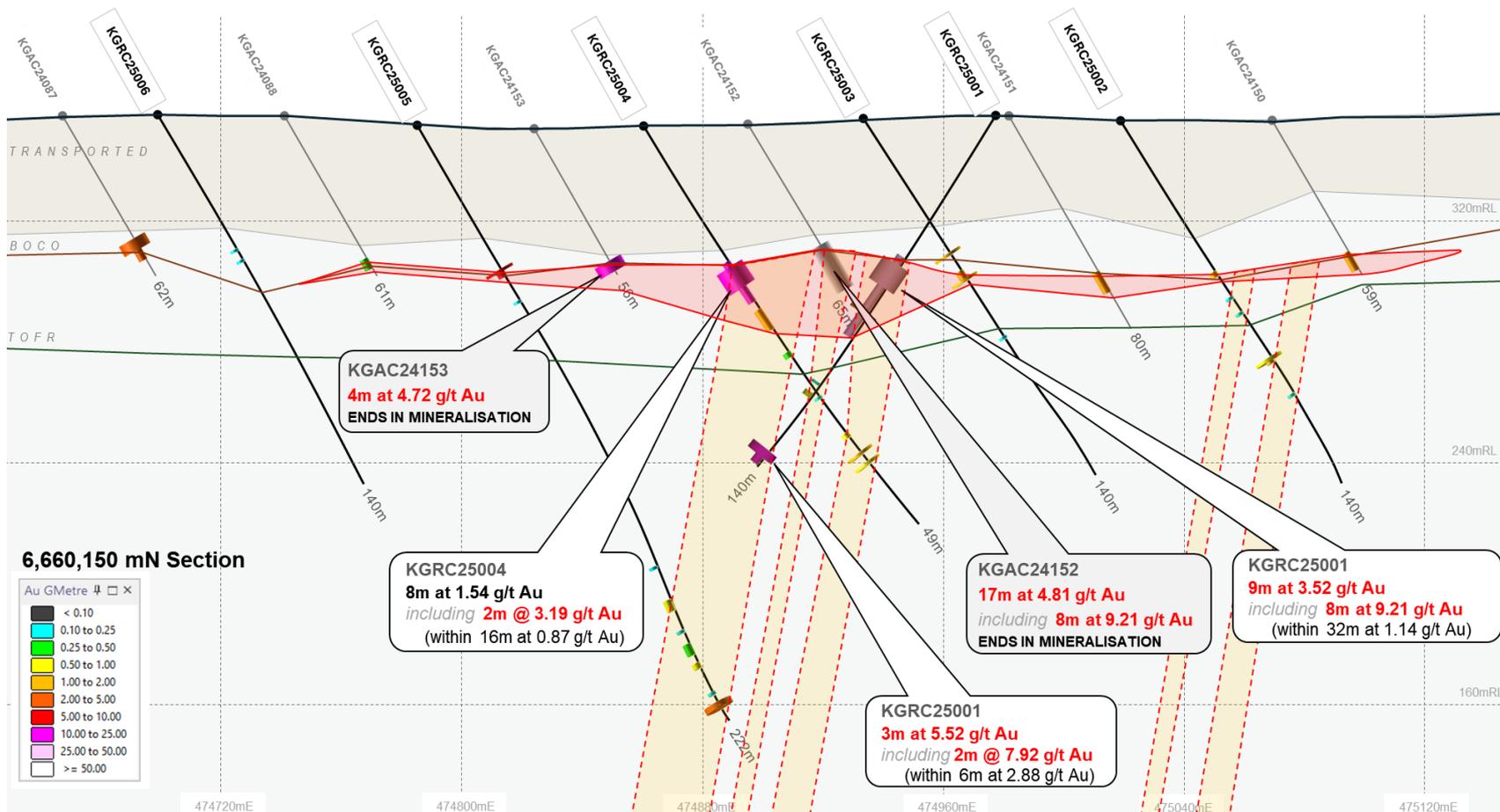
At Lighthorse, gold mineralisation and alteration are associated with:

- Quartz (carbonate) veining
- Siliceous and sericitic alteration
- Sulphides
- Extensive bleaching
- Supergene enrichment

KGRC25014

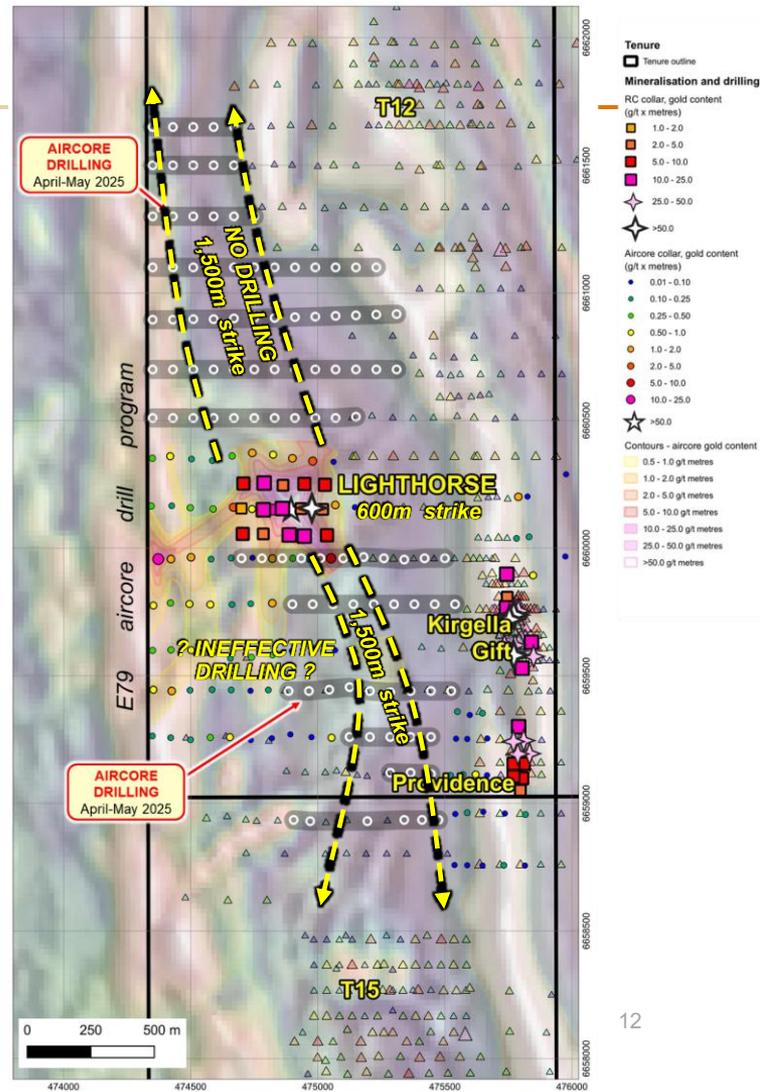


Lighthouse: first-pass cross section and more to come...



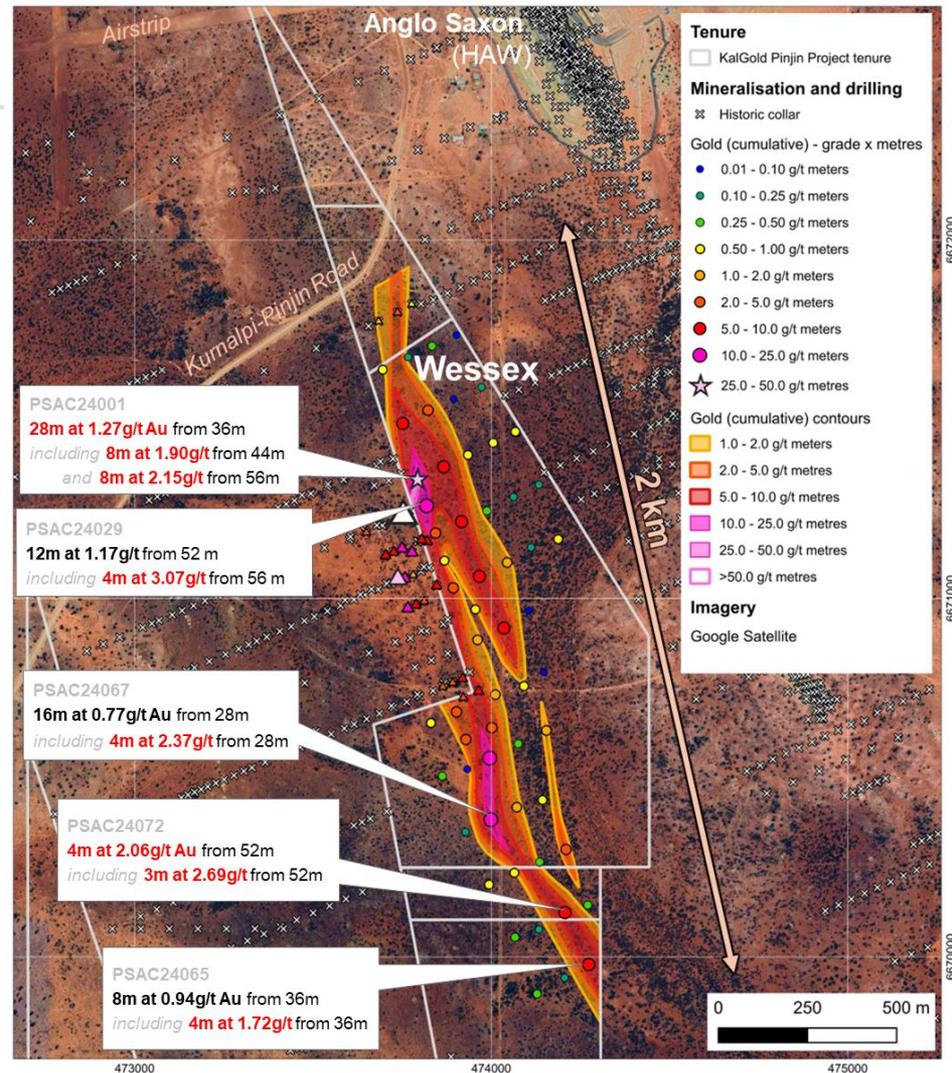
Activity at Pinjin – News flow

- **Farm-in** on host tenure **successfully completed** to earn 75% interest
 - Remaining 25% interest upon BFS or acquisition
- **Lighthouse extents still being defined**
 - Several kilometres of undrilled (north) and ineffectively drilled (south) stratigraphy and structures along strike
 - Initial testing by wide-spaced first-pass aircore.
 - **Results pending (late June)**
- **SAM geophysical** survey starting shortly over Lighthouse area
 - Will provide high-resolution detail and mineralisation controls/indicators
 - First new data over former Newmont mineralised prospects at T12 & T15 in >15 years.
- **Well-funded** to complete extensive programs of aircore, RC and diamond drilling



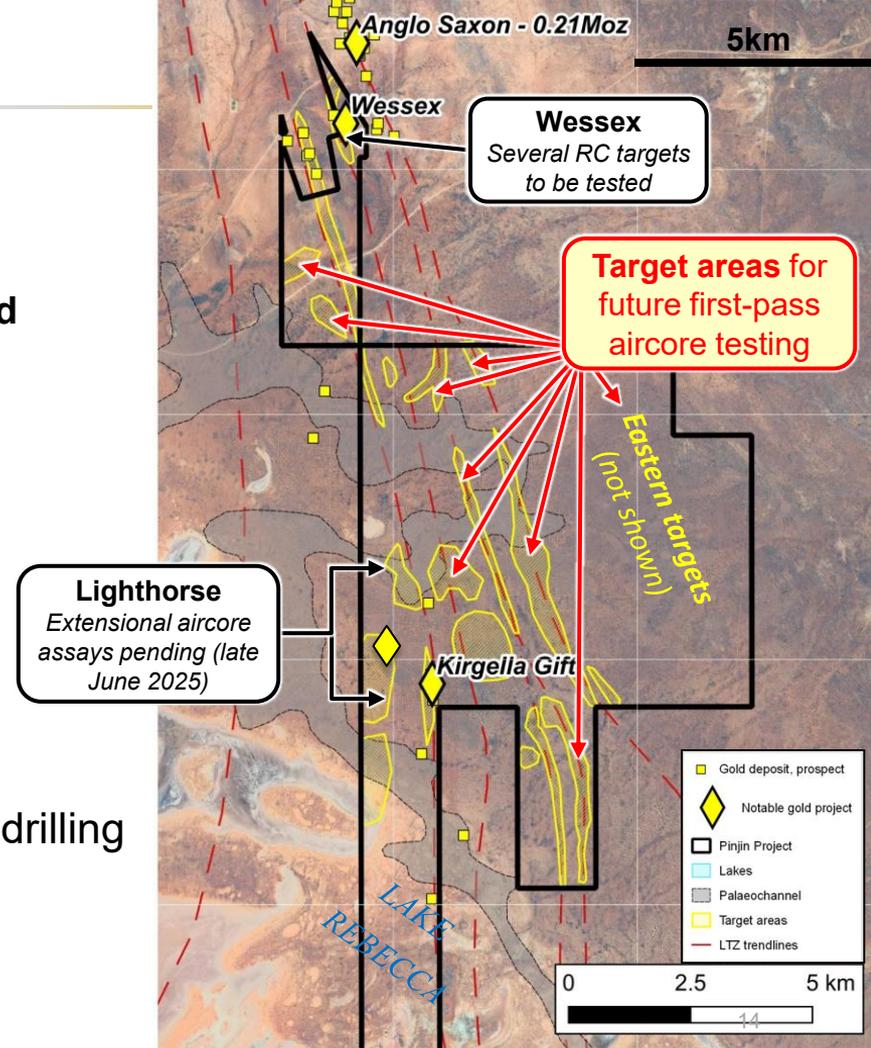
WESSEX: Thick, shallow gold

- Gold hits in historic drilling up to the tenement boundary
- 2 aircore programs have defined a 2km long target area for RC drilling
 - **Extensive, strong, shallow gold anomalism**
 - Less than **1km** from **Anglo Saxon Gold Mine**
 - Open to the north
- RC drill targets to be tested in upcoming program



More targets

- **Extensive geophysical / structural gold targets**
 - **Laverton Tectonic Zone** strata and structures
 - **High-priority targets** under shallow cover, **never drilled**
- More targets at **Kirgella Gift and Providence**
 - **Deep intersection target** for diamond drilling has been awarded **EIS co-funding** from the WA Government
 - **Near-surface targets** for aircore/RC drilling
 - Structural repeat targets to the west
 - Strike extensions to the north and south
- Eastern areas to be assessed by first-pass aircore drilling
 - **Untested Rebecca stratigraphy**
 - **Flexure zone in LTZ**



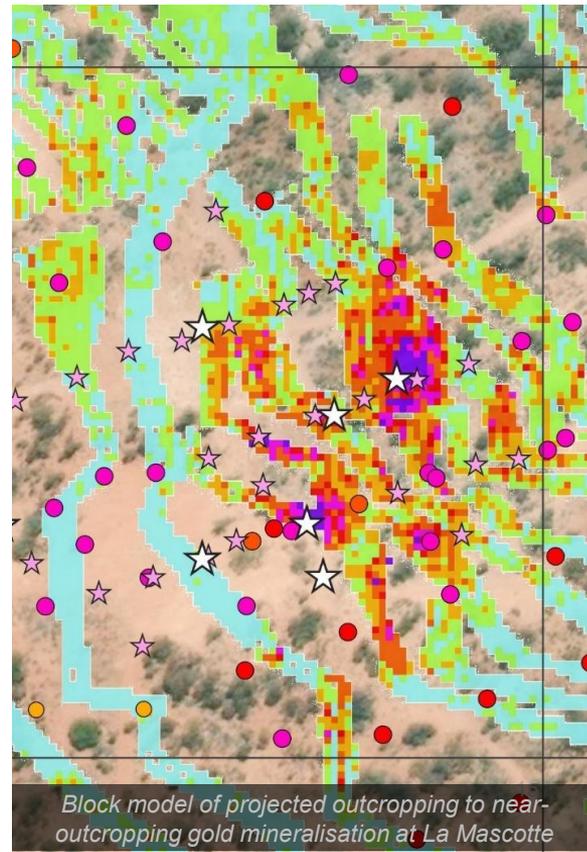
BULONG TAURUS GOLD PROJECT



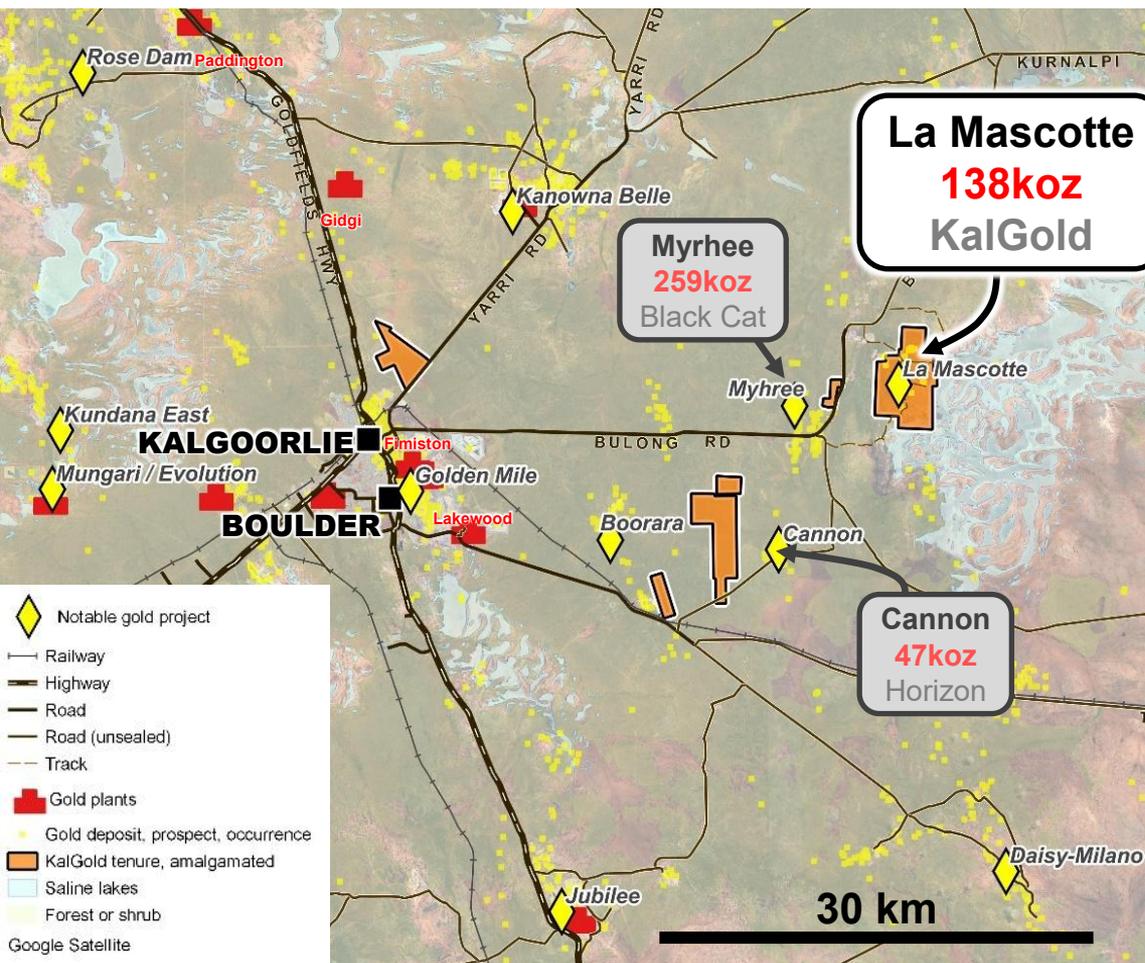
Outcropping gold resource near Kalgoorlie is receiving attention



Gold retrieved by KalGold's Prospector partners from the outcropping the La Mascotte deposit.



Block model of projected outcropping to near-outcropping gold mineralisation at La Mascotte



La Mascotte JORC 2012 Inferred Resource Estimate

**3.61 Mt @ 1.19 g/t Au
for 138,000 oz**

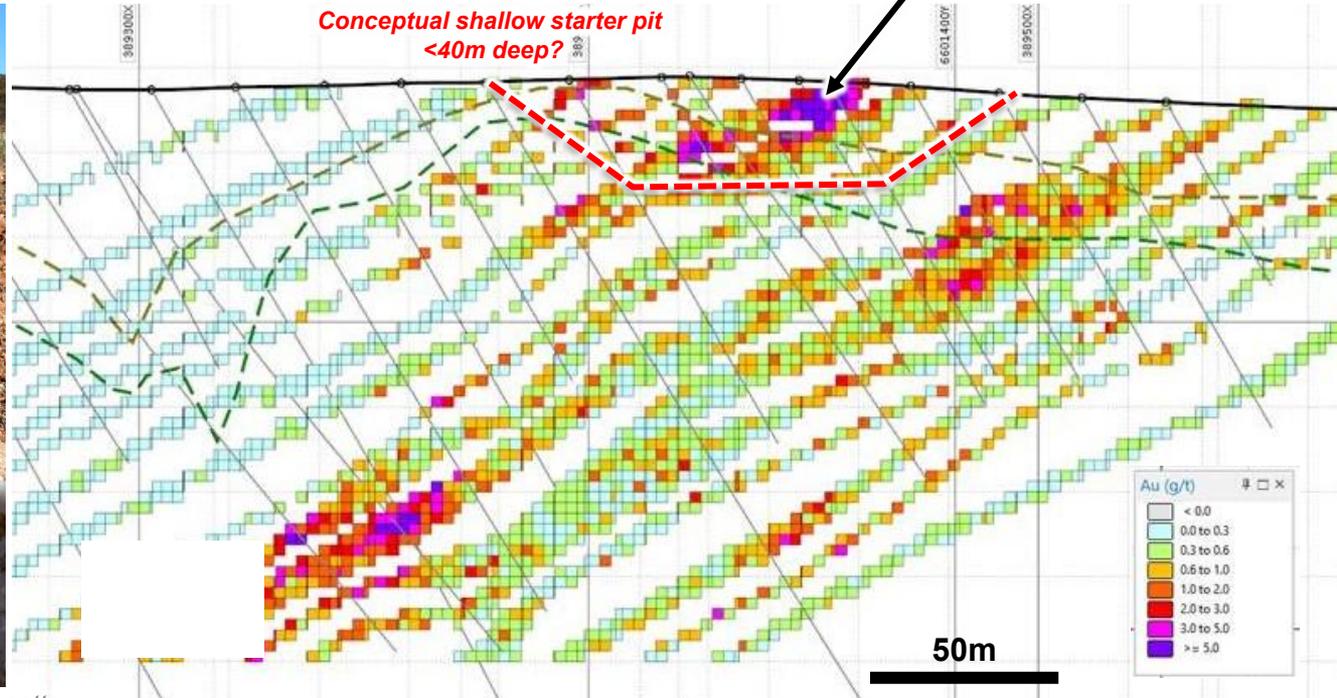
(0.6 g/t cut-off)

- Outcropping gold at **La Mascotte**
- First-pass resource with expansion potential, open at depth
- Only 35km from Kalgoorlie
- **\$4.60 per ounce to define**

The shallow gold opportunity at La Mascotte



- Potential for shallow mining of near-surface oxide pod
- Historic metallurgical tests recover 75% to 97% gold



Cross section at La Mascotte through the block model generated for the JORC mineral resource estimate. Note the shallow, high-grade pod that is very amenable to open pit mining.

Quartz vein debris and subcrop on site at La Mascotte, showing the disturbance by pre-KalGold mining activities.

Capital Structure

\$18.31M

Market Cap
at \$0.048/share on 6 June 2025

\$6.4M

Cash
as at 31 March 2025

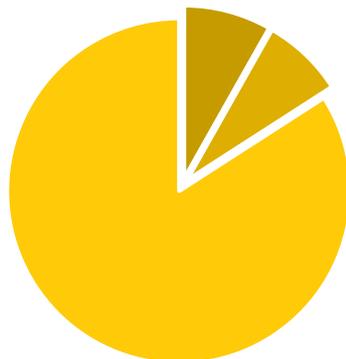
381.5M

Shares on issue

Nil

Debt
as at 31 March 2025

Top Shareholders



- 8.22% Citicorp Nominees
- 7.71% UBS Nominees
- 84.07% Other

Directors and Management

Pauline Gately

Non-Executive Chair

- Investment strategist, commercial focus
- 20 years investment banking
- Acquisitions, exploration, project development

Matt Painter

Managing Director and CEO

- Economic and Structural Geologist (PhD)
- Global gold experience, multiple commodities
- 25 years technical and corporate experience

Andrew Penkethman

Non-Executive Director

- Geologist, global experience
- 25 years technical and corporate experience
- Managing Director of Ardea Resources Limited

Graeme Smith

Company Secretary/CFO

- Corporate governance & finance professional
- 30 years experience in the resources industry

Scott Herrmann

Exploration Manager

- Geologist, 20 years' global experience
- Gold exploration, resource development, production

Share price (1 year)



KalGold's potential

- **Highly leveraged to gold price** with exploration upside
- Existing **JORC resources of >200koz** located **nearby existing infrastructure**
- Large strategic footprint in the **Laverton Tectonic Zone with multi-million once potential**
- Proven track record of putting **money in the ground**
- **Well-funded** for extensive exploration programs

Systematic exploration, transformational outcomes

Matt Painter

Managing Director & CEO

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