

BIG STRUCTURES OFFER MASSIVE OPPORTUNITIES

Smart and systematic exploration east of Kalgoorlie



NOVEMBER 2024

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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:

- *KalGold farms-in to Kirgella gold tenement and acquires Rebecca West tenure at Pinjin, 23 May 2023*
- *Thick, shear-hosted gold mineralisation intercepted at Kirgella Gift, 8 June 2023*
- *Shallow, high-grade results extend Kirgella Gift and Providence corridor to over 1,150m of strike, 25 October 2023*
- *Providence: North plunging shallow gold mineralisation has significant potential at depth, 7 December 2023.*
- *Thick gold intercepts from initial drilling at Wessex near Anglo Saxon Gold Mine, 23 May 2024*
- *More thick, shallow gold intercepts at Pinjin extend Wessex target to 2km strike length, 9 October 2024.*

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.

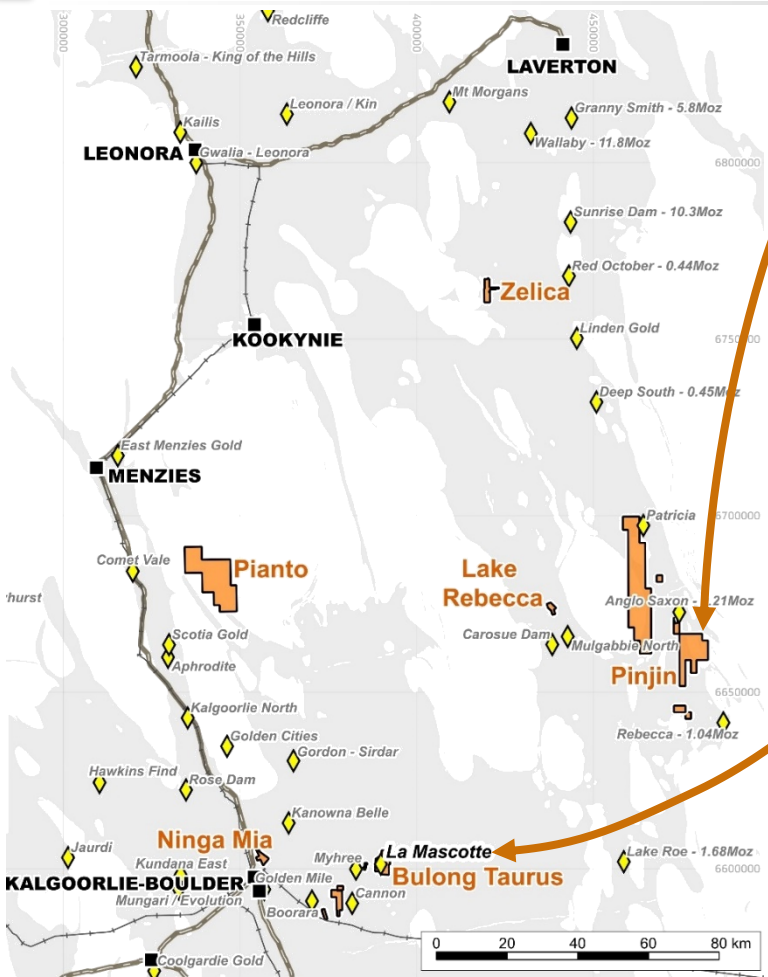
Mineral Resource Estimate

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.

Discovering shallow gold resources near Kalgoorlie WA



Pinjin Gold Project

- **Shallow gold resources and targets** in the prolific Laverton Tectonic Zone
- **Strategically located** to provide feedstock to **nearby mills**
- **Pipeline of prospects and deposits**
 - **Potential for a large discovery**
 - Ongoing **systematic target testing yielding results**

Bulong Taurus Gold Project

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

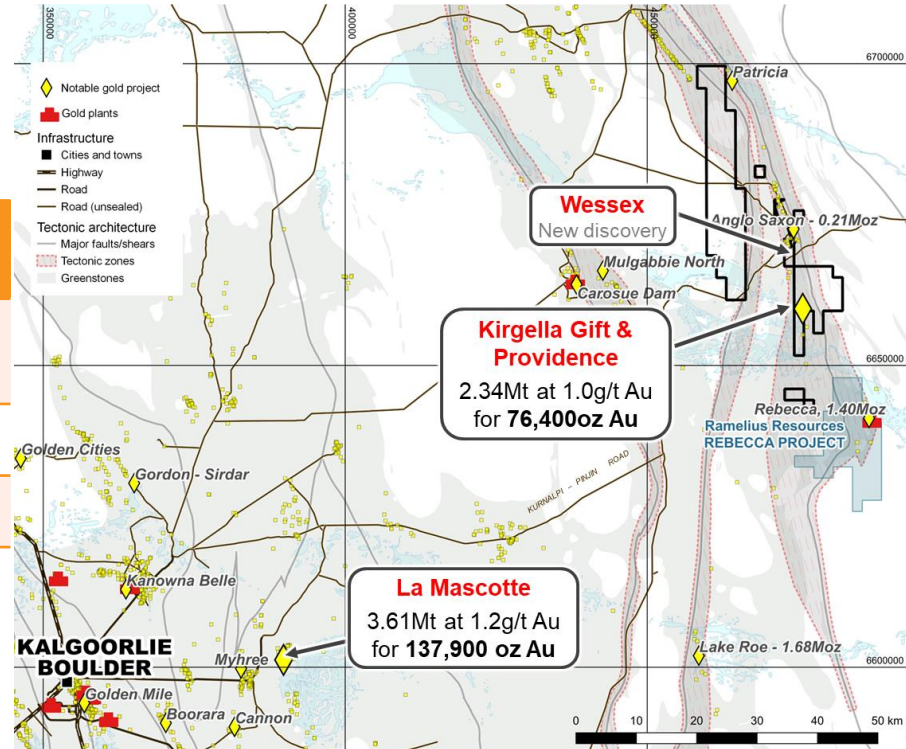
KalGold's total gold resources

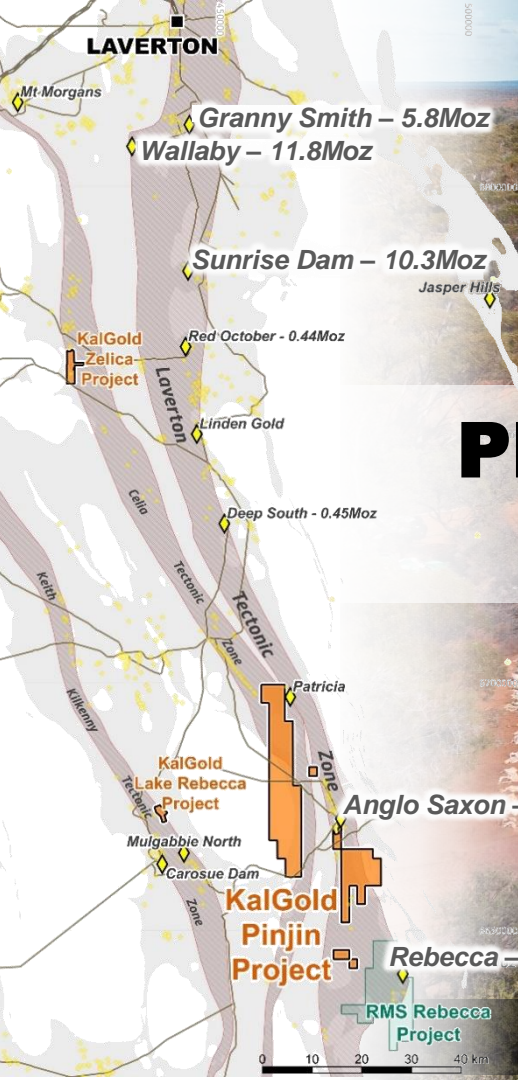


KalGold has grown the Company's Mineral Resource to **214,300 ounces** of gold

Classification	Project	Tonnes (Mt)	Au Grade (g/t)	Au (oz)	Discovery Cost per ounce
Inferred	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

Accessible resource base even more compelling as gold rises above **A\$4,000 per ounce**





PINJIN GOLD PROJECT

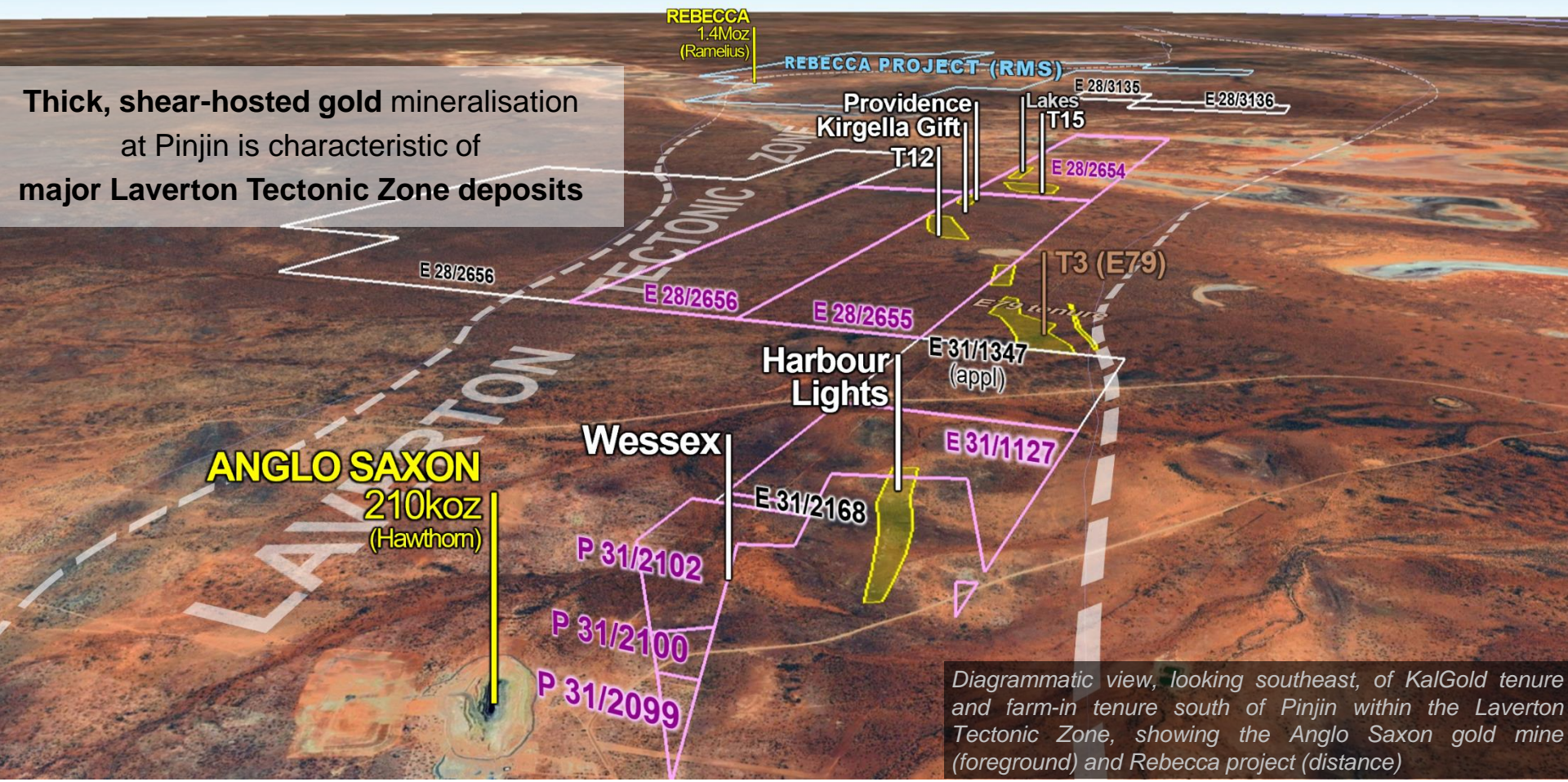
Thick, Shallow Gold in the prolific **Laverton Tectonic Zone**

Aerial view over KalGold's first drill program at Kirgella Gift, looking south towards Providence (near distance) and Rebecca (far distance), 2023

Numerous prospects and targets over 20km strike



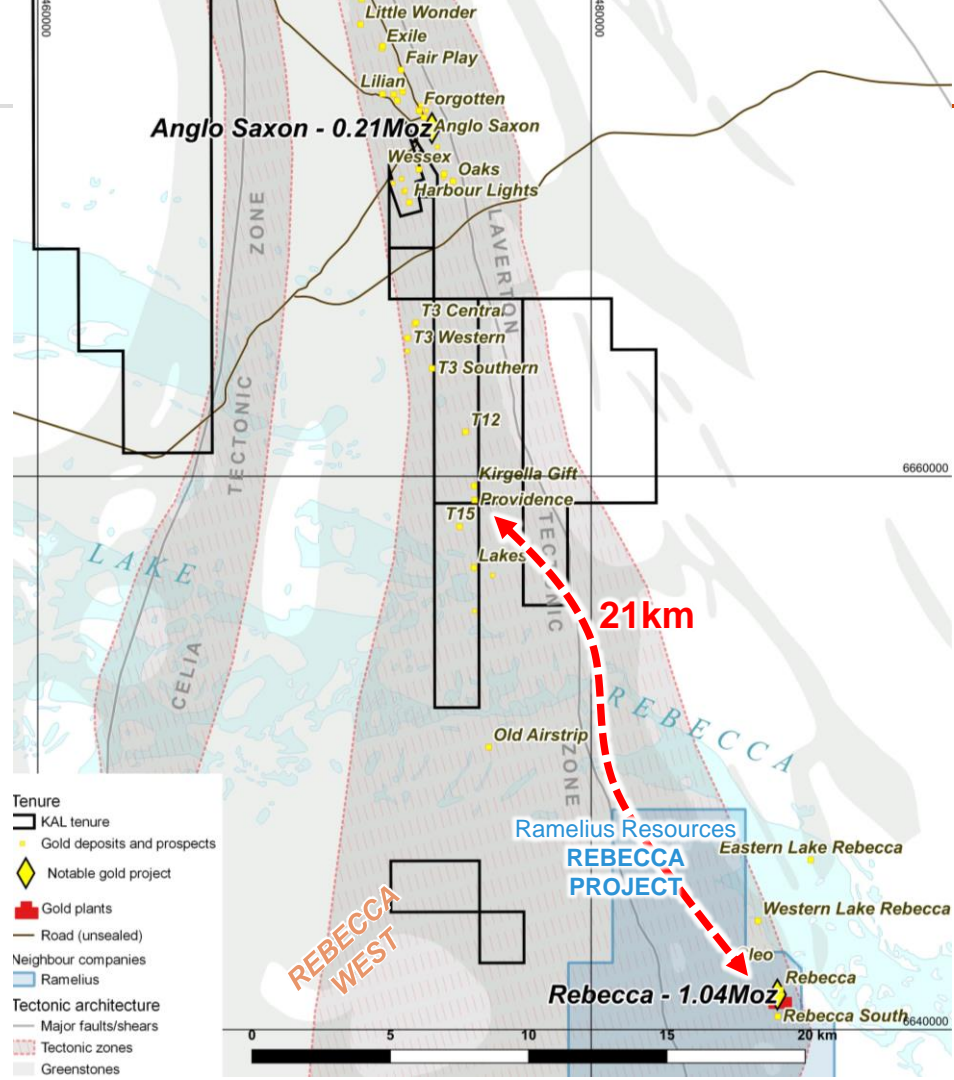
Thick, shear-hosted gold mineralisation at Pinjin is characteristic of major Laverton Tectonic Zone deposits



Diagrammatic view, looking southeast, of KalGold tenure and farm-in tenure south of Pinjin within the Laverton Tectonic Zone, showing the Anglo Saxon gold mine (foreground) and Rebecca project (distance)

Pinjin Project

- Along strike from **Ramelius Resources' Rebecca Project**
 - **Kirgella Gift** is ~21km from the proposed **Rebecca gold plant**
- Neighbours include **OzAurum, E79, FMG, Hawthorn and Northern Star**



Kirgella Gift and Providence

- **Thick, shear-hosted gold** mineralisation from 3m depth:
 - Typical of the Laverton Tectonic Zone, but shallower
- **21km along strike** from Ramelius' Rebecca Project and **proposed mill**

Kirgella North

KGRC23004: 4m at 1.50g/t from 93m

incl. 1m at 2.39g/t from 93m

KGRC004: 33m at 3.10g/t from 51m

incl. 12m at 4.66g/t from 52m

and incl. 2m at 7.01g/t from 73m

and incl. 1m at 14.25g/t from 80m

KGRC23011: 10m at 1.16g/t from 85m

and 4m at 1.74g/t from 145m

and 15m at 0.98g/t from 166m

incl. 4m at 2.14g/t from 173m

Providence

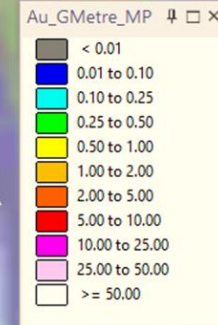
KGRC23009: 9m at 1.23g/t from 49m

and 14m at 1.32g/t from 125m

incl. 2m at 4.45g/t from 132m

Aircore anomalism along strike

PINB88: 8m at 0.16g/t from 16m



KGRC23007: 11m at 1.56g/t from 24m

including 4m at 2.98g/t from 27m

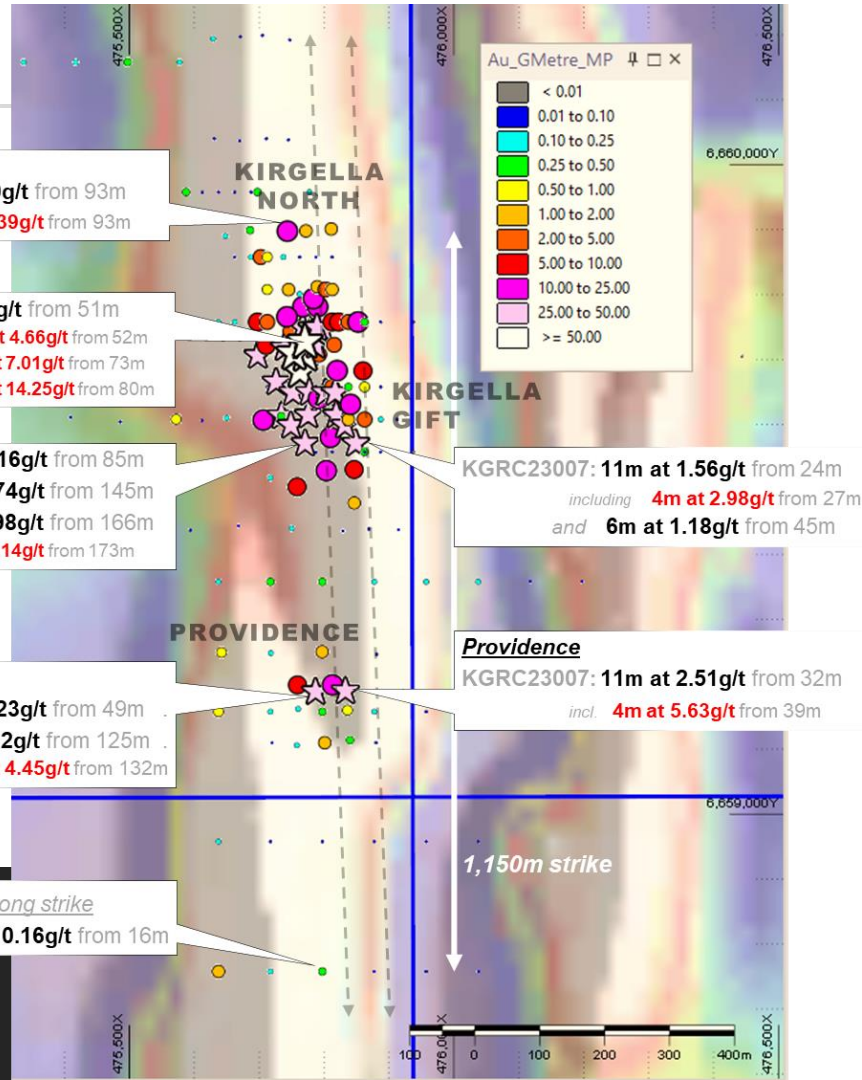
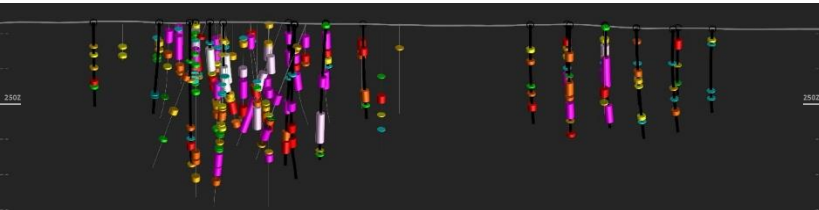
and 6m at 1.18g/t from 45m

Providence

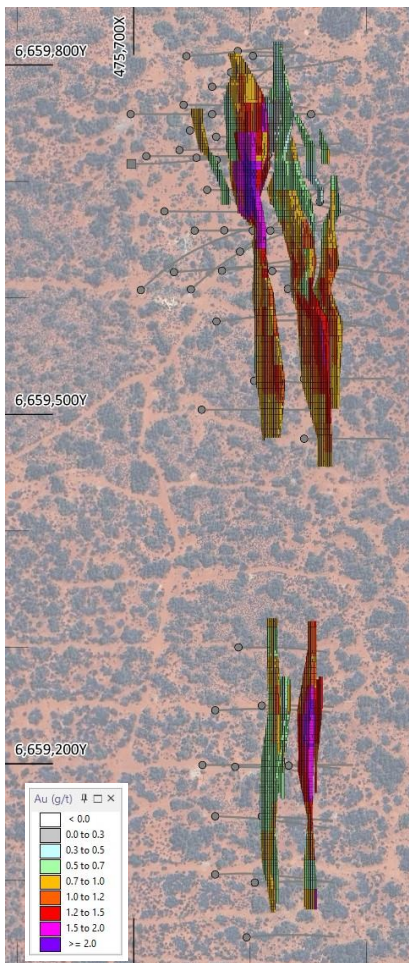
KGRC23007: 11m at 2.51g/t from 32m

incl. 4m at 5.63g/t from 39m

1,150m strike

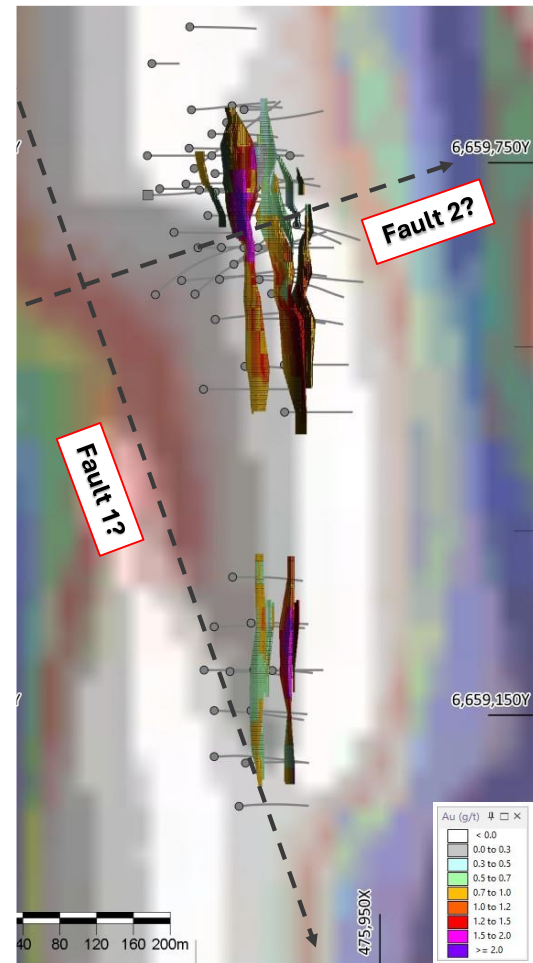


The Kirgella Gift & Providence MRE



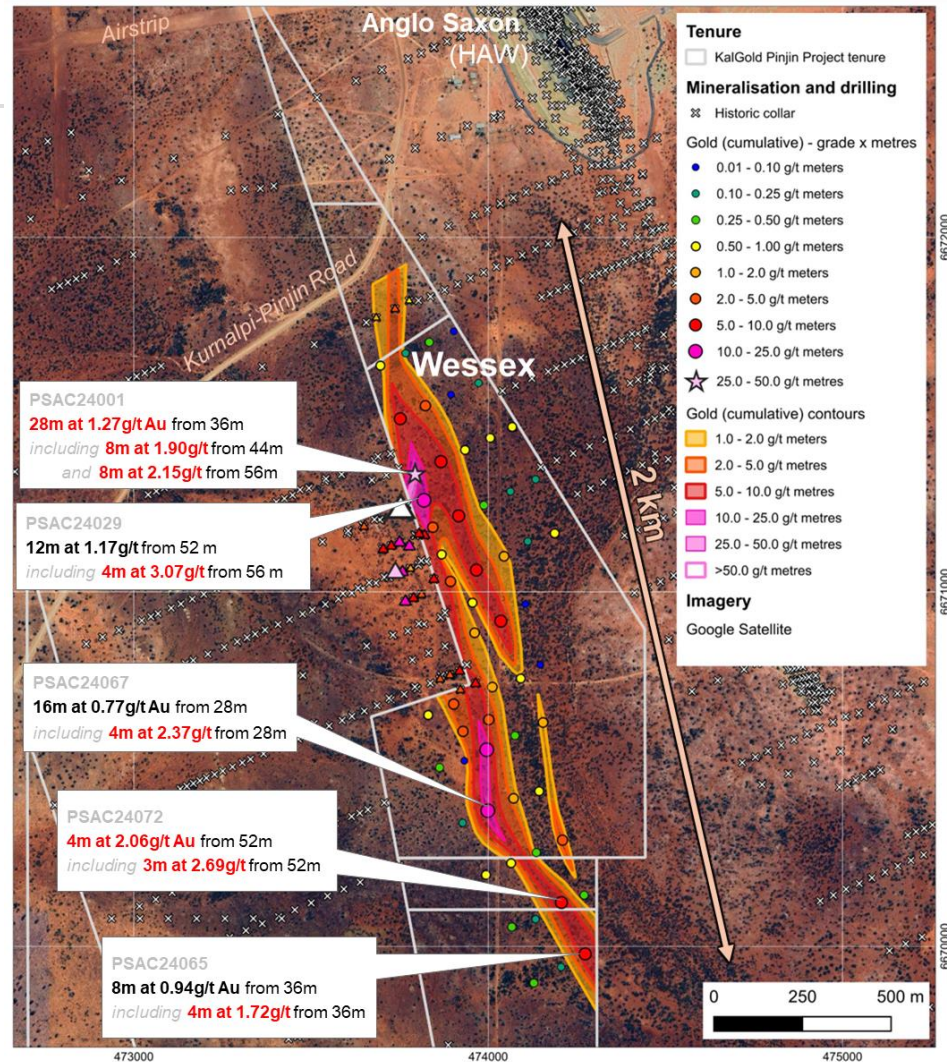
Classification	Prospect	Tonnes (Mt)	Au Grade (g/t)	Au (oz)
Inferred	Kirgella Gift	1.81	1.0	58,500
	Providence	0.53	1.1	17,900
Total		2.34	1.0	76,400

- **Gold mineralisation open at depth and along strike** between Kirgella Gift and Providence
- **Potential for significant MRE growth and upgrade** following additional drilling to expand unclassified blocks outside current model limits
- Highly economic discovery with **direct exploration expenditure cost** (drilling and assay) of only **~A\$4.20 per gold ounce**



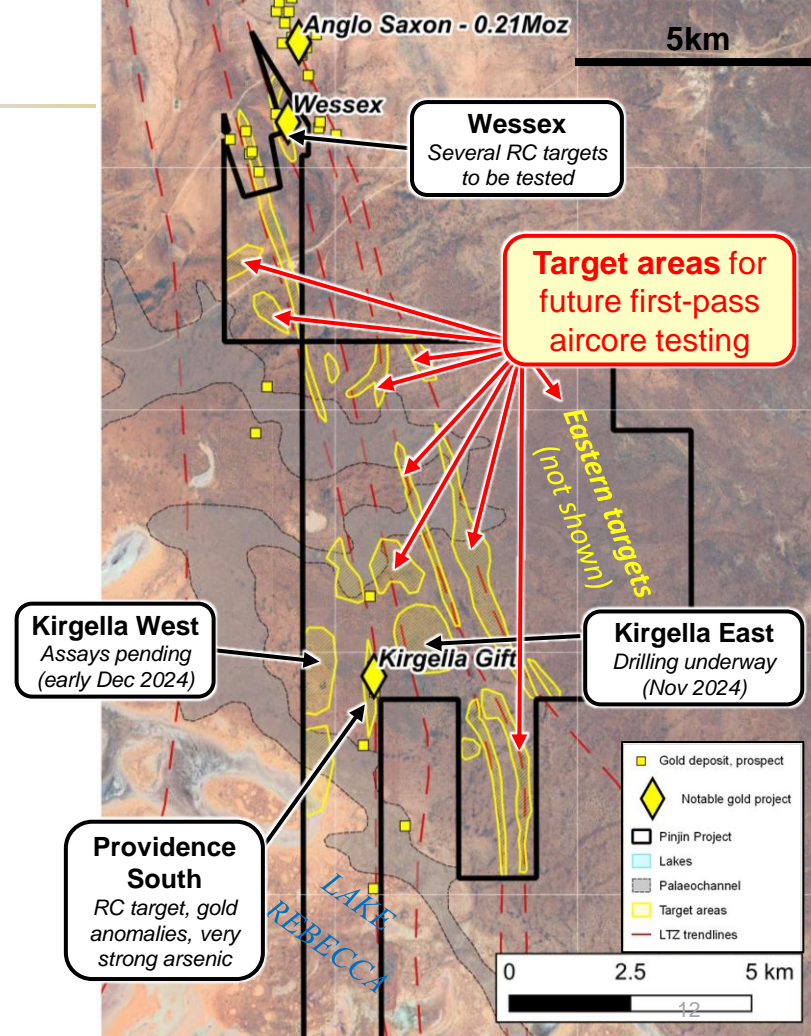
Thick, shallow gold at Wessex

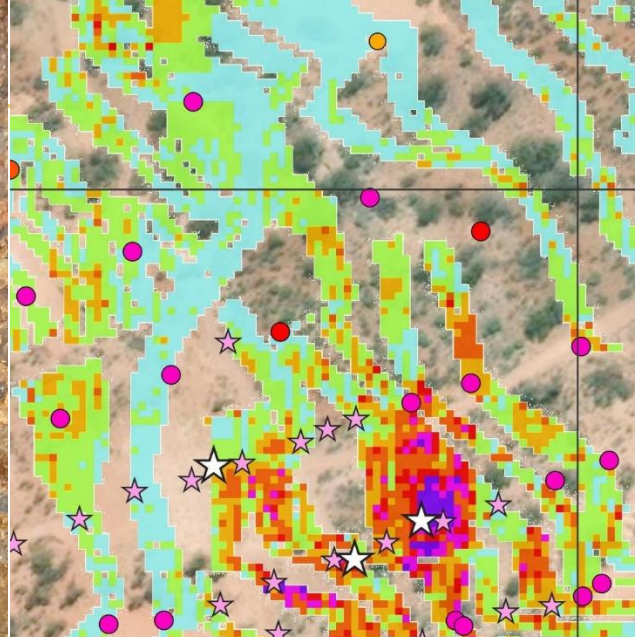
- 2 aircore programs have defined a 2km long target area for RC drilling
 - **Extensive, strong, shallow gold anomalism**
 - Less than **1km** from Anglo Saxon Gold Mine
 - Open to the north
- Gold hits in historic drilling up to the tenement boundary
- RC drill targets
 - Correspond to distinct magnetic features and gold intercepts
 - Will test down-dip extension of intercepts to fresh rock
 - Program being finalised



Systematic testing underway

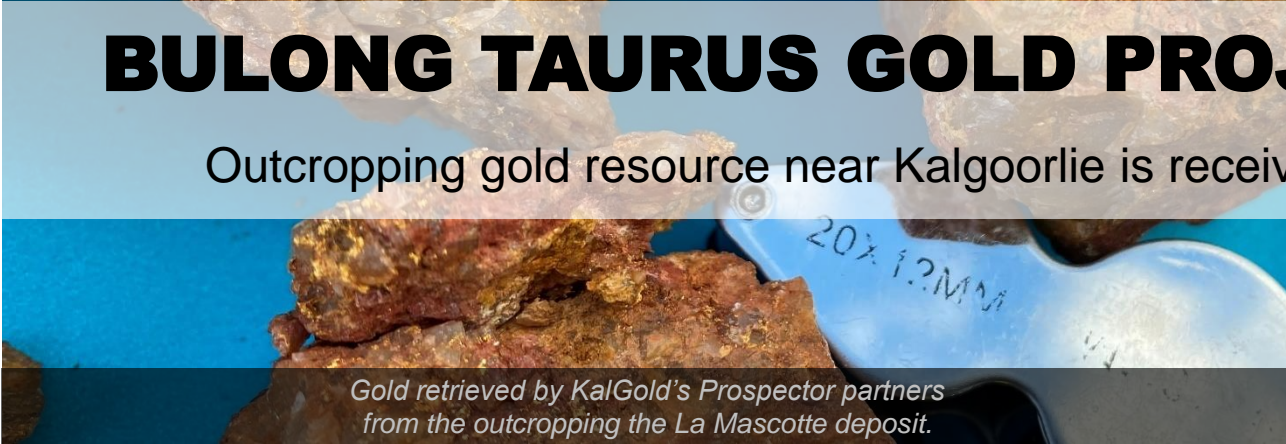
- **Extensive geophysical / structural gold targets**
 - **Laverton Tectonic Zone** strata, between
 - Anglo Saxon Gold Mine (Hawthorn) to north
 - Rebecca Gold Project (Ramelius) to south
 - **High-priority targets** under shallow cover, **never drilled**
- More targets at **Kirgella Gift and Providence**
 - **Deep intersection target** for diamond drilling has been awarded **EIS funding** from the WA Govt
 - **Near-surface targets** for aircore/RC drilling
 - Structural repeat targets to the west
 - Strike extensions to the north and south



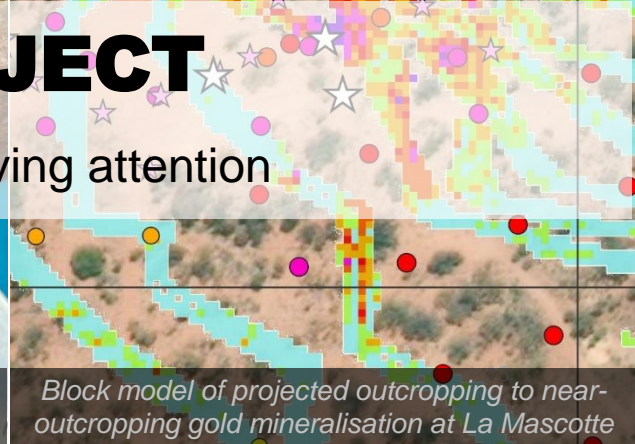


BULONG TAURUS GOLD PROJECT

Outcropping gold resource near Kalgoorlie is receiving attention

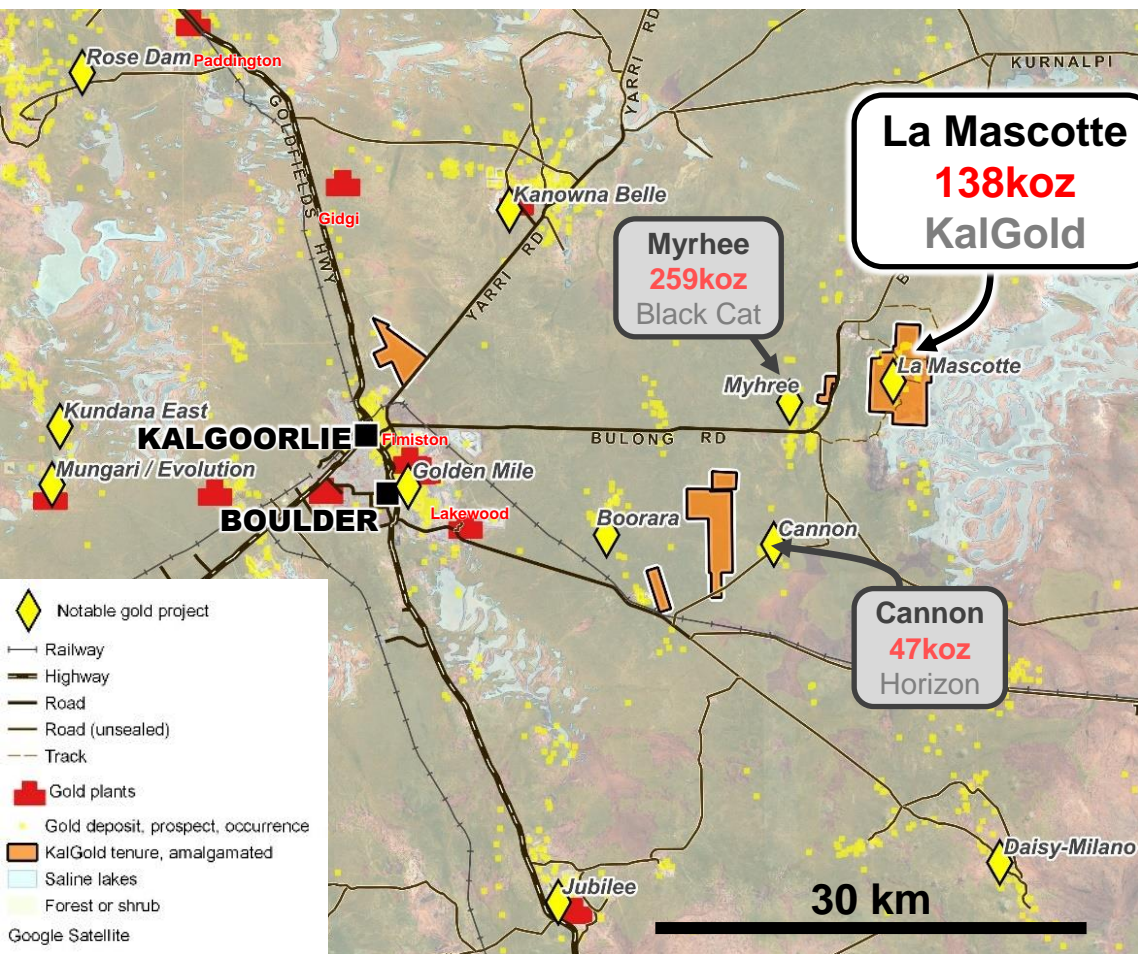


Gold retrieved by KalGold's Prospector partners from the outcropping the La Mascotte deposit.



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

One of the lowest cost JORC resource estimations



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

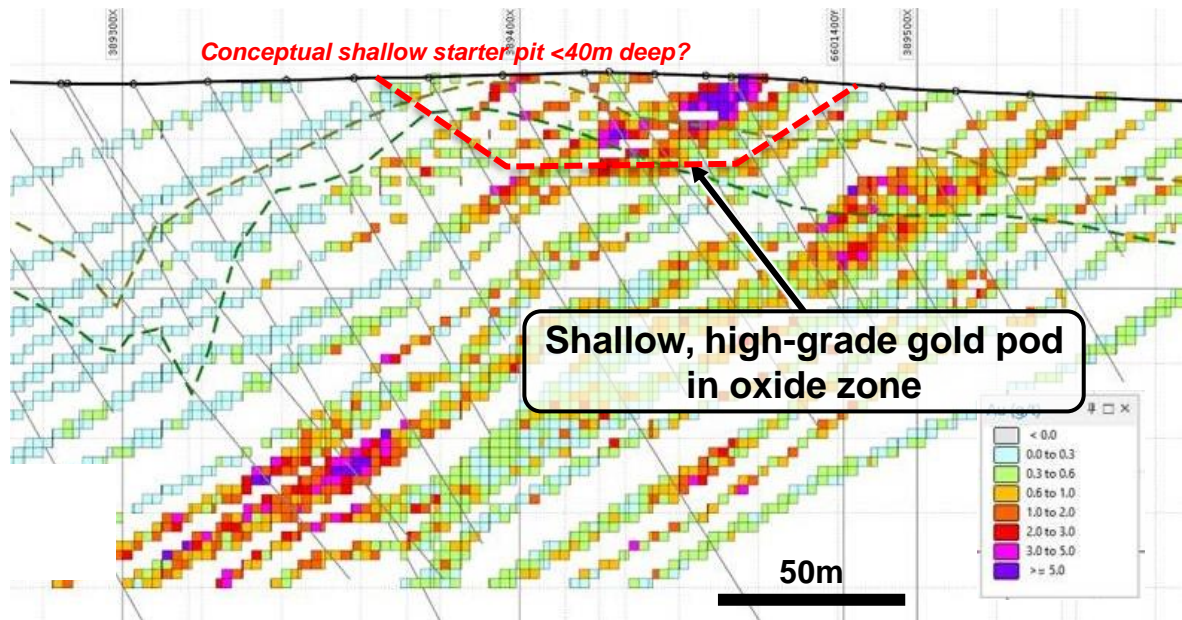
The shallow gold opportunity at La Mascotte



- Potential for shallow mining of near-surface oxide pod
- Good recoveries from historic metallurgical tests showing 75% to 97% gold recoveries
- Interest shown by several parties. Discussions ongoing...



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



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.



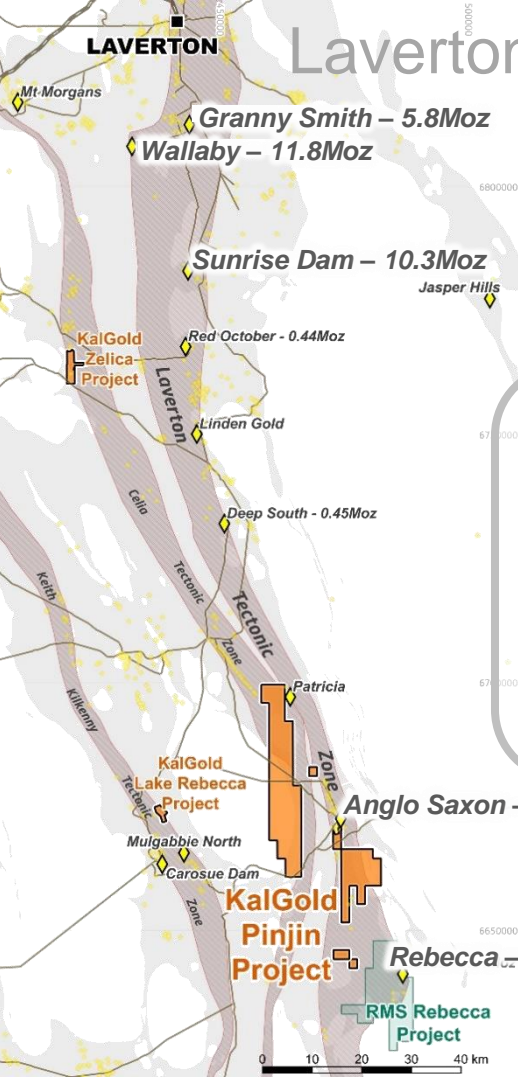
MAXIMISING KALGOLD'S POTENTIAL

Discovery plans and newsflow

Aerial view over Kirgella Gift (mid-foreground), looking to the southwest towards Lake Rebecca (far distance below the horizon) and back towards Kalgoorlie (out of view).

- **Discover transformative gold mineralisation at deposits at Pinjin**
 - Drill hidden gold targets to be drilled
 - Grow KalGold's footprint to increase chances of major discovery
 - Follow KalGold's Gold Discovery Strategy of systematic assessment (see video at <https://investorhub.kalgoldmining.com.au/activity-updates/asx-kal-gold-discovery-strategy-at-pinjin>)
- **Complete the Pinjin Farm-In by end May 2025**





Laverton Tectonic Zone symmetry

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

- **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

**Narrower NW-SE
portion contains
smaller deposits**

Anglo Saxon – 0.21Moz

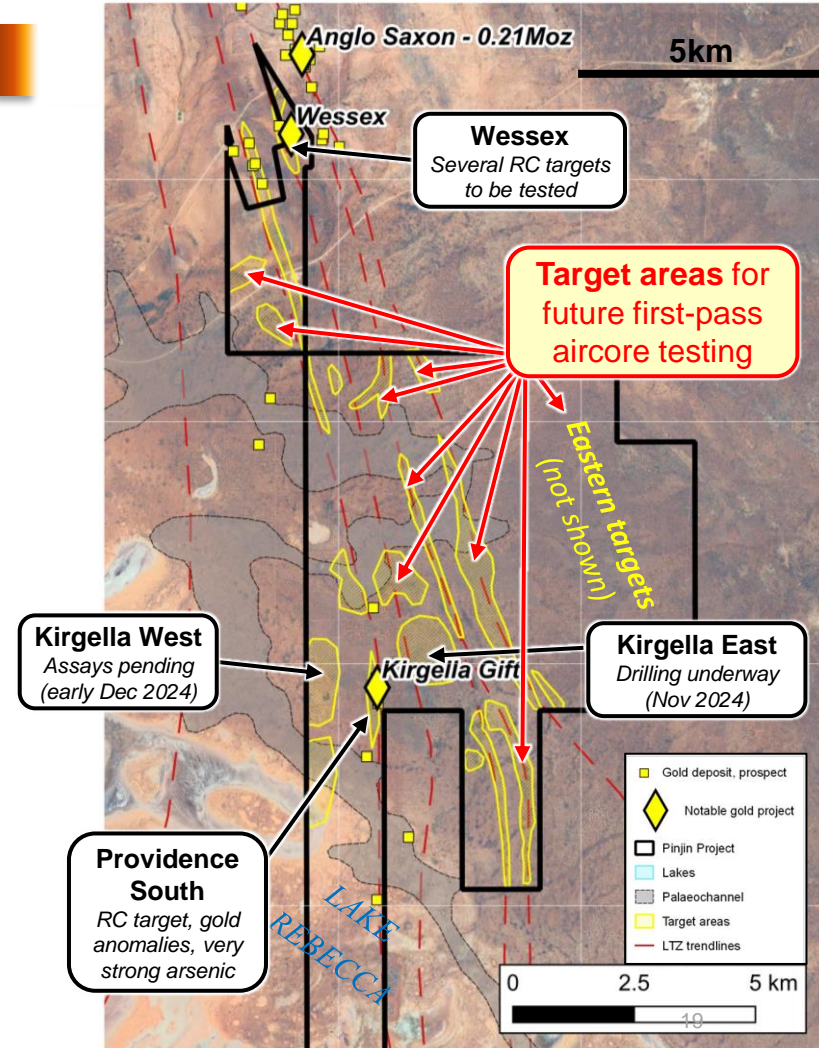
**Repeated wide N-S portion.
Undiscovered deposits over 5Moz?**

Rebecca – 1.40Moz

Drill all those targets



- In the **Laverton Tectonic Zone**, all targets need to be tested
 - **KalGold's systematic approach** means that, if there is a **large deposit** hidden on our tenure, **we will find it.**
- **Eastern targets**
 - No effective historic testing of this area
 - **Direct correlative** of the **Rebecca** high-grade metamorphic rock package?
 - Numerous possible targets show different magnetic response
 - Awaiting clearances to explore



Dryblower: Gold a winner from Trump's inflation

Yellow metal is the easiest way for investors to dodge highly inflationary plan for the US economy

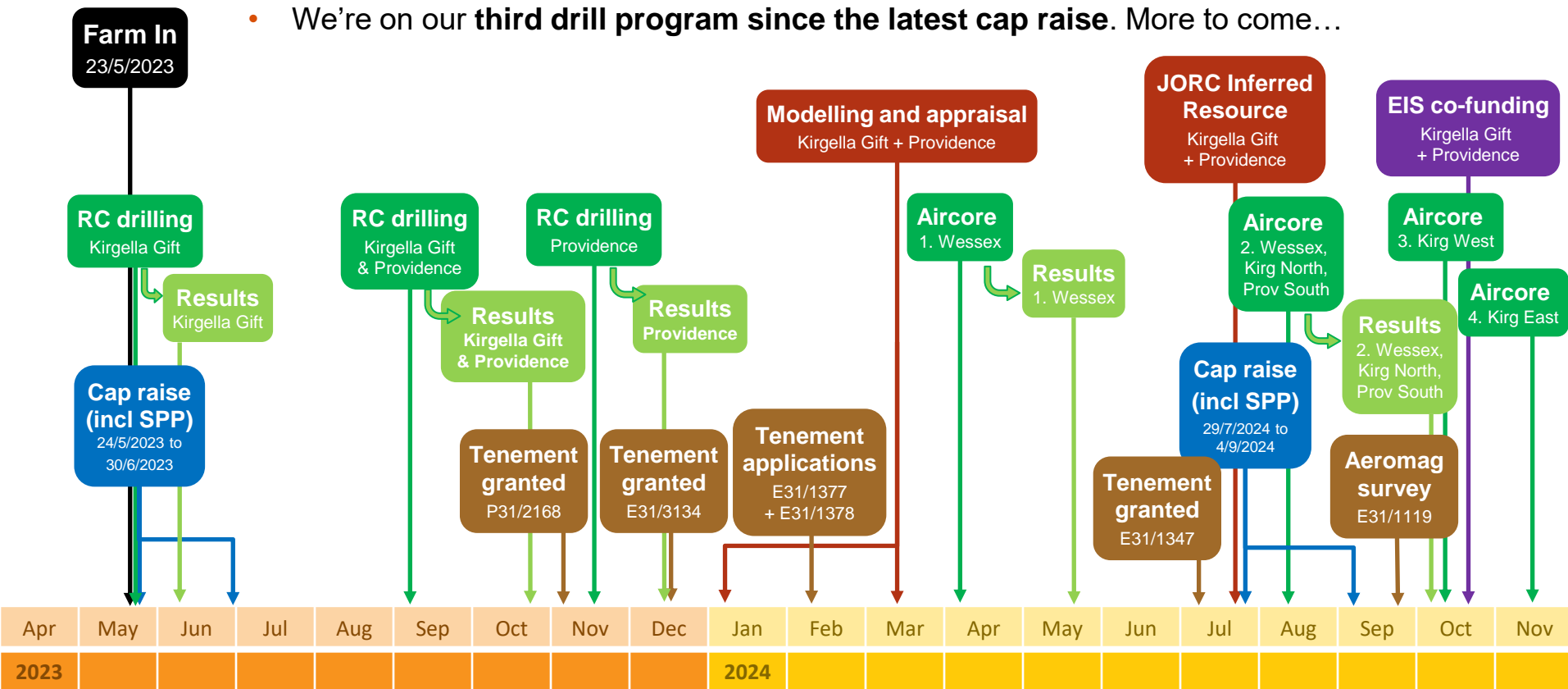
Dryblower



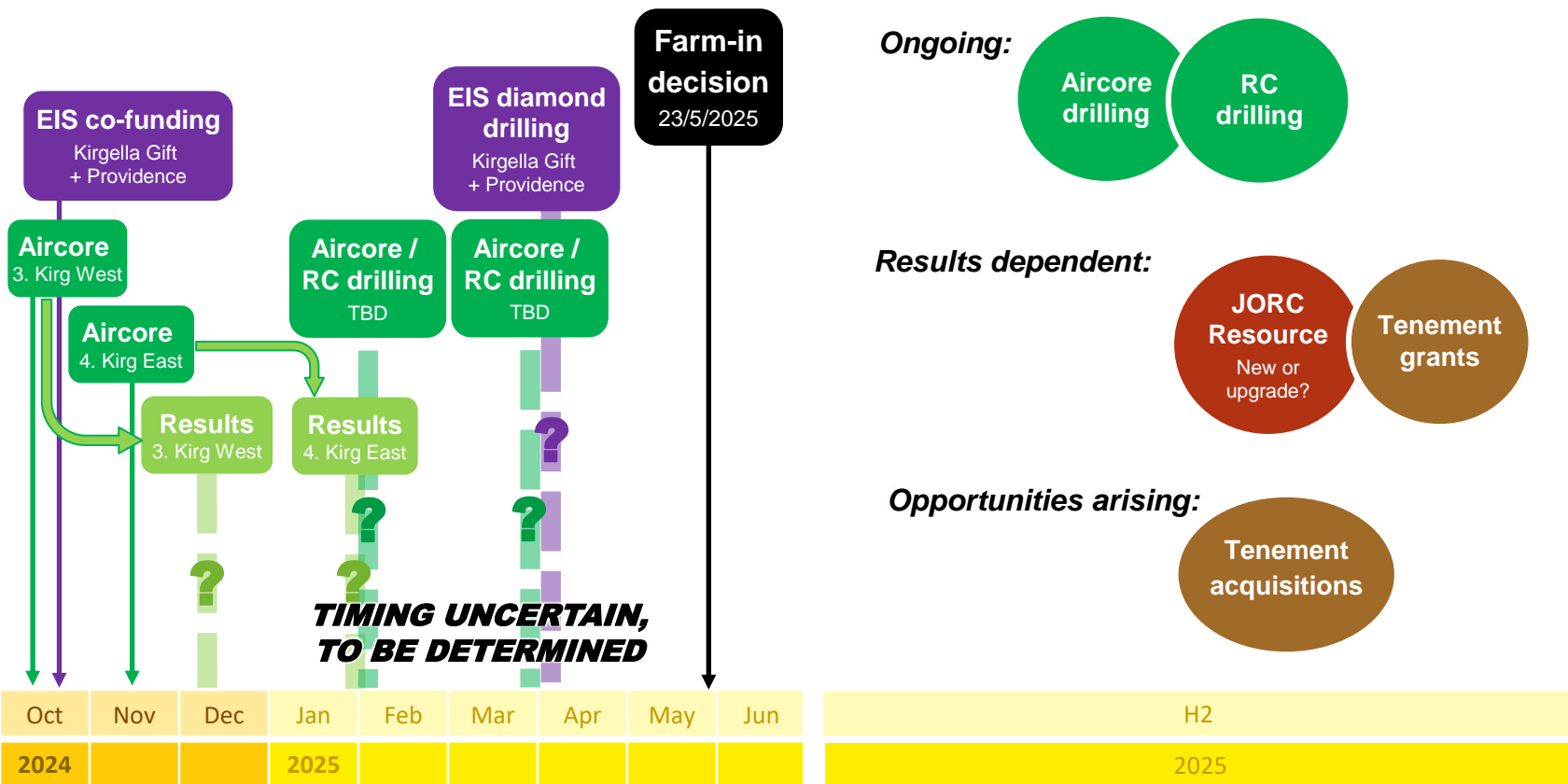
Progress at the Pinjin Gold Project



- **KalGold** is one of the **busiest junior explorers on the ASX**
- We're on our **third drill program** since the latest cap raise. More to come...



Upcoming work at the Pinjin Gold Project



Corporate structure and team



Capital Structure

\$6.49M

Market Cap
at \$0.024/share on 28 Nov 2024

\$2.6M

Cash
as at 30 September 2024

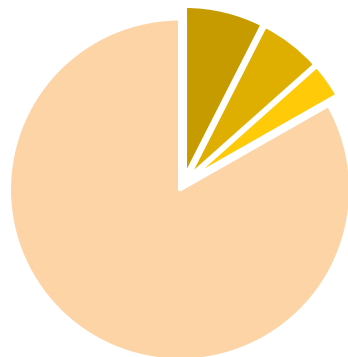
270.3M

Shares on issue

Nil

Debt
as at 30 September 2024

Top Shareholders



- 7.49% Citicorp Nominees
- 5.94% Merrill Lynch (Australia) Nominees
- 3.34% Ardea Resources
- 83.23% 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

Scott Herrmann

Exploration Manager

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

Share price (1 year)



KalGold is:

- A **low market-cap** gold explorer
- With existing **JORC gold resources**
- **Top-notch technical credentials**
- In one of the **best gold regions** on earth
- Testing **major gold mineralising structures for large gold deposits**
- When the **consensus outlook for gold is very strong.**

A discovery will be transformative

Matt Painter

Managing Director & CEO

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info@kalgoldmining.com.au

Pinjin (Kirkella) Farm-In (pink outlines)

1. Option

- \$100,000 option fee for 2 years (completed)
- KalGold to spend minimum \$1.4M on drilling, including assays + direct costs (ongoing)

2. Option exercise + Free Carry Period

- Any time after 12 months, KalGold can purchase 75% interest for \$1.65M (up to 50% cash and, subject to shareholder approval, 50% shares)
- Vendors to be free carried until Bankable Feasibility Study (BFS), followed by decision to mine
- KalGold to cover all legal costs associated with exercising the option

3. Remaining Portion

- Post BFS, vendors have 120 days to elect to contribute on a *pro rata* basis to maintain 25% stake
- Alternatively, vendors can elect to convert to a 2% NSR
- KalGold has first right of refusal if vendors decide to sell their stake

