RC drilling to commence next week at Wessex, Lighthorse, and Providence South

Kalgoorlie Gold Mining (**ASX:KAL**) ('KalGold' or 'the Company') is pleased to report that the Company's most extensive Reverse Circulation (RC) drill program is scheduled to commence by Thursday next week (25 September 2025) at the Pinjin Gold Project.

The program comprises **50 RC holes** for approximately **6,200 m** to test beneath shallow gold mineralisation and anomalism defined by recent aircore drilling at **Wessex**, **Lighthorse**, and **Providence South**. Drilling is designed to confirm primary orogenic gold mineralisation at depth, with the rig expected to be onsite for around 6 weeks.

Commenting on this upcoming RC drilling, **KalGold Managing Director Matt Painter** said:

> *"KalGold is commencing its largest RC drill program to date. It will take several weeks to complete all 50 holes to test extensions to Lighthorse defined by our recent aircore program. Additionally, the program will test the extensive anomalies previously defined at Wessex and the unusual arsenic-rich anomalism at Providence South.*
>
> *Gold fire assays are scheduled for rapid turnaround of results within weeks, rather than months as has been seen recently with other assay methods.*
>
> *We anticipate that any significant primary orogenic gold mineralisation identified in this program will be followed up shortly afterwards with higher density RC drilling to further define gold mineralisation orientation and distribution, and as a first step towards definition of an initial Mineral Resource Estimate as appropriate."*

RC follow up drilling to commence next week

RC drilling aims to confirm primary orogenic gold mineralisation at three prospects within the **Pinjin Gold Project**:

- **Lighthorse** (40 holes for 4,750 m): Testing over 1.6 km of strike throughout the already identified gold mineralised corridor, following up on aircore gold anomalism at or near bottom of hole and supported by favourable Sub Audio Magnetic (SAM) geophysical features.
- **Wessex** (7 holes for 1,050 m): First pass, wide spaced RC drilling to test the 2 km strike of shallow, thick gold mineralisation previously defined in aircore drilling, located approximately 1 km southwest of Hawthorn Resources' Anglo Saxon (Trouser Legs) open pit mine.
- **Providence South** (3 holes for 400 m): Testing gold anomalism associated with elevated arsenic adjacent to and above a silica cap that prevented penetration by previous first-pass aircore drilling.

Drilling will commence at Wessex next week, before moving to Lighthorse and then Providence South. Planned WA government EIS co-funded diamond drilling at Kirgella Gift and Providence is expected to run simultaneously with the RC program, with details to be announced as soon as timing is finalised.

Recap of the Wessex aircore results and upcoming program

KalGold's 2024 aircore drill programs at Wessex (*ASX: KAL 23 May 2024 & 9 October 2024*) defined extensive, thick gold mineralisation and anomalism over approximately 2 km of strike (Figure 1) located within 1 km of Hawthorn Resources' Anglo Saxon (Trouser Legs) open pit gold mine across the tenement boundary.

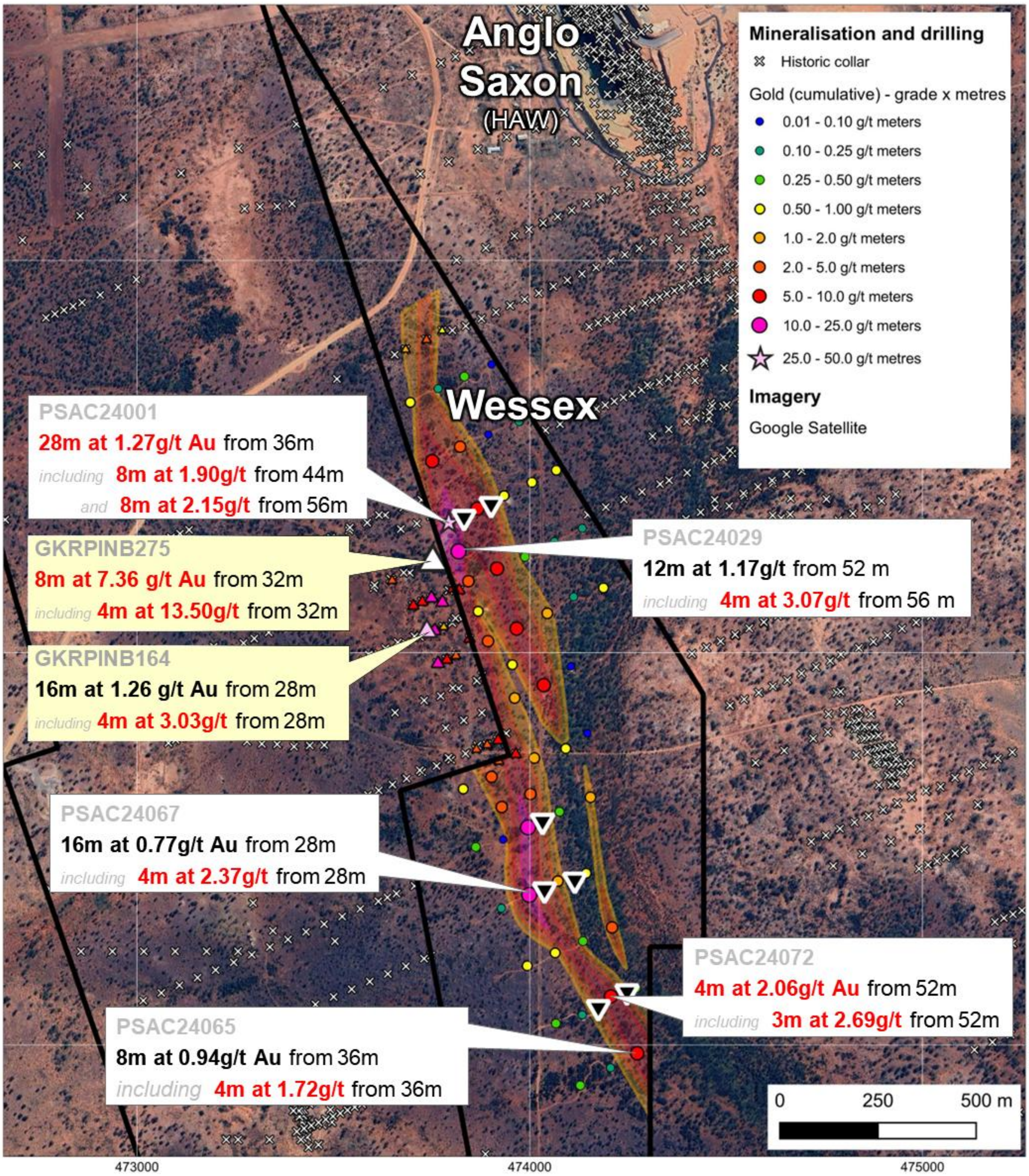

Figure 1 –KalGold's aircore drill results at Wessex (circles) with verified historic drilling (triangles) and other historic collar locations (crosses). Inverted black triangles show planned drill hole location for the program commencing next week. KalGold drilling has extended gold mineralisation and anomalism over 2 km strike. Total cumulative gold content is contoured from 1 g/t metre and above and preferentially stretched along interpreted structures according to current geological understanding of the area. Off tenure collar locations sourced from Hawthorn Resources WAMEX Report A91361. Projection: MGA 94 Zone 51.

*Table 1 – Significant drill intercepts from KalGold's recent aircore drilling at its **Wessex** prospect in 2024. See ASX: KAL 23 May 2024 and 9 October 2024 for more details.*

PSAC24001	**28 m at 1.27 g/t Au** from 36 m	
	including	**8 m at 1.90 g/t Au** from 44 m
	and	**8 m at 2.15 g/t Au** from 56 m
PSAC24029	**12 m at 1.17 g/t Au** from 52 m	
	including	**4 m at 3.07 g/t Au** from 56 m
PSAC24065	**8 m at 0.94 g/t Au** from 36 m	
	including	**4 m at 1.72 g/t Au** from 36 m
PSAC24067	**16 m at 0.77 g/t Au** from 28 m	
	including	**4 m at 2.37 g/t Au** from 28 m
PSAC24072	**4 m at 2.06 g/t Au** from 52 m	
	including	**3 m at 2.69 g/t Au** from 52 m

There is no outcrop at Wessex, with between 10 and 20 m of barren transported cover overlying bedrock.

Gold mineralisation detected in aircore drilling at Wessex is open to the north and extends to the tenement boundary in the south. Gold mineralisation appears to cluster around the contact between a mafic and felsic-intermediate unit. It corresponds with quartz veining, iron-staining, shearing, and potassic alteration. Most material intercepted to date is oxidised and weathered to some degree, necessitating follow-up RC drilling to penetrate fresh rock and confirm primary orogenic gold mineralisation at depth.

The upcoming RC drill program will comprise 7 initial drill holes for 1,050 m, testing several sites along the 2 km strike extent of known gold mineralisation on KalGold's tenure.

KalGold's program is timely, with Hawthorn Resources currently undertaking up to 8,000 m in two stages of RC drilling next door at Anglo Saxon (*ASX: HAW 5 August 2025*). Hawthorn's program aims to improve confidence in their current mineral resource and explore potential opportunities for a cut back and mining of an expanded open pit.

Lighthorse RC drill program

RC drilling at Lighthorse will build upon the Company's first RC program, which successfully confirmed primary orogenic gold mineralisation and anomalism at depth. Follow up RC drilling is designed to test the results of the recent aircore expansion program that identified extensive gold mineralisation and anomalism at the base of many aircore holes, requiring RC drill testing to depth.

The new RC drill program will comprise 40 drill holes for 4,750 m over 1.6 km of strike extent. In the north, it will test newly defined mineralisation and anomalism up to 650 m north of previous RC drilling, where strong anomalism is defined around a second centre of anomalism. To the south, RC drilling includes a number of holes to test areas where previous aircore failed to penetrate to depth, co-incident with conductivity features defined by the recent sub-audiomagnetic (SAM) geophysical survey.

Providence South drill program

Three RC drill holes for 400 m are planned to test beneath a siliceous cap rock buried beneath transported cover that impeded aircore drilling when tested at the end of 2024 (*ASX: KAL 30 January 2025*). The host ultramafic unit is a faulted block of the same unit that hosts the Providence and Kirgella Gift gold deposits, where the Company has previously defined an Inferred JORC Code (2012) mineral resource of 2.34 Mt @ 1.0 g/t Au for 76,400 oz (ASX: *KAL 25 July 2024*). The silica cap coincides with gold anomalism and very strong arsenic mineralisation (which can be an indicator of gold mineralisation). This program aims to penetrate beneath the silica cap rock to check for primary orogenic gold mineralisation.

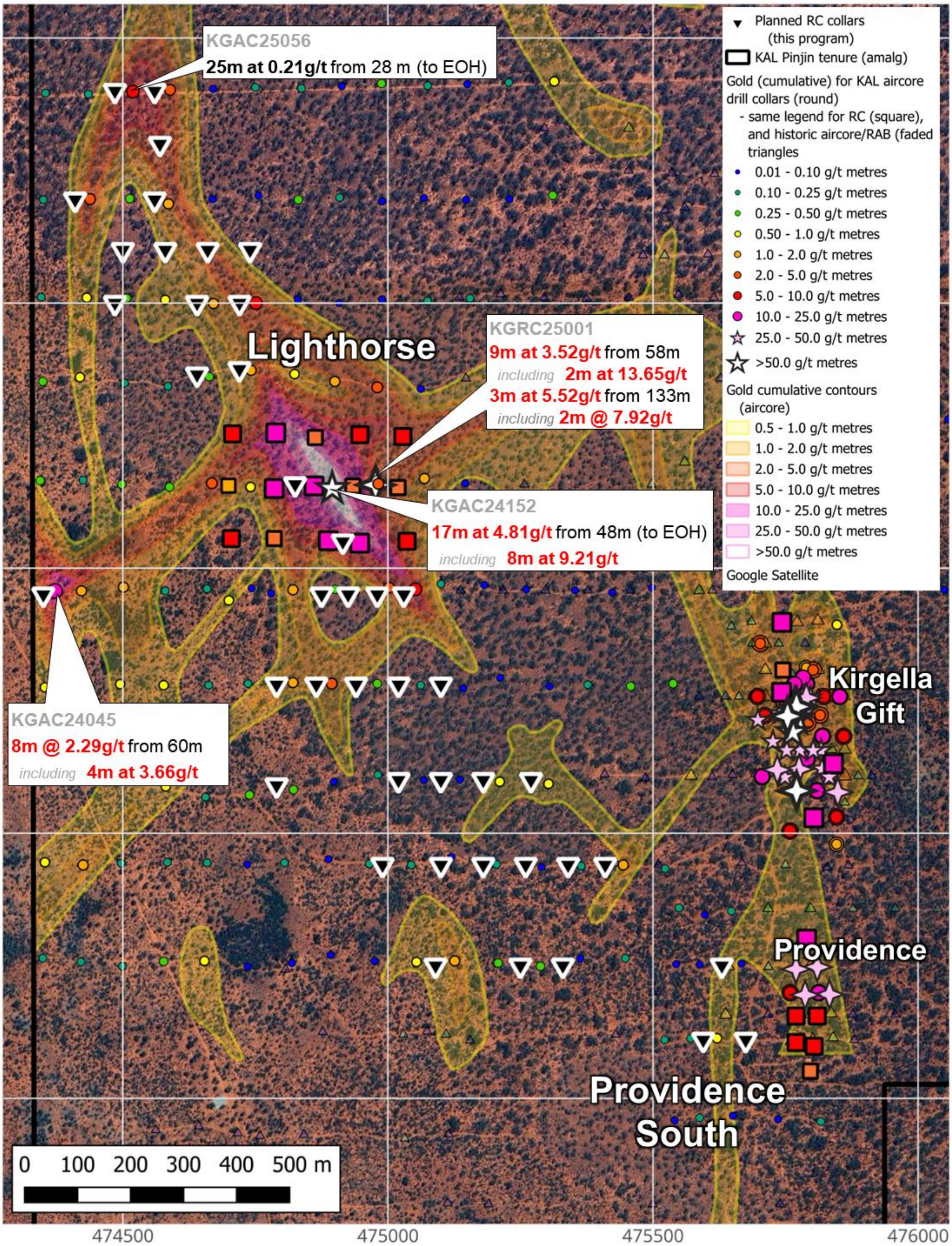

Figure 2 – Planned RC drill hole collar points covering 40 holes over 1.6 km strike at Lighthorse, and 3 holes at Providence South. Total cumulative gold content is contoured from 1 g/t metre and above and preferentially stretched along interpreted structures according to current geological understanding of the area. Projection: MGA 94 Zone 51.

About the Pinjin Project

The Pinjin Gold Project is located in a Tier One location approximately 140 km northeast of Kalgoorlie Boulder and covers a substantial portion of the southern part of the prolific Laverton Tectonic Zone (LTZ). To the north, this major crustal structure hosts some of the Eastern Goldfields' largest gold mines and deposits.

The project is strategically located near Ramelius Resources' (ASX: RMS) Rebecca Gold Project, where a recent pre-feasibility study outlined a path to gold production by 2027.

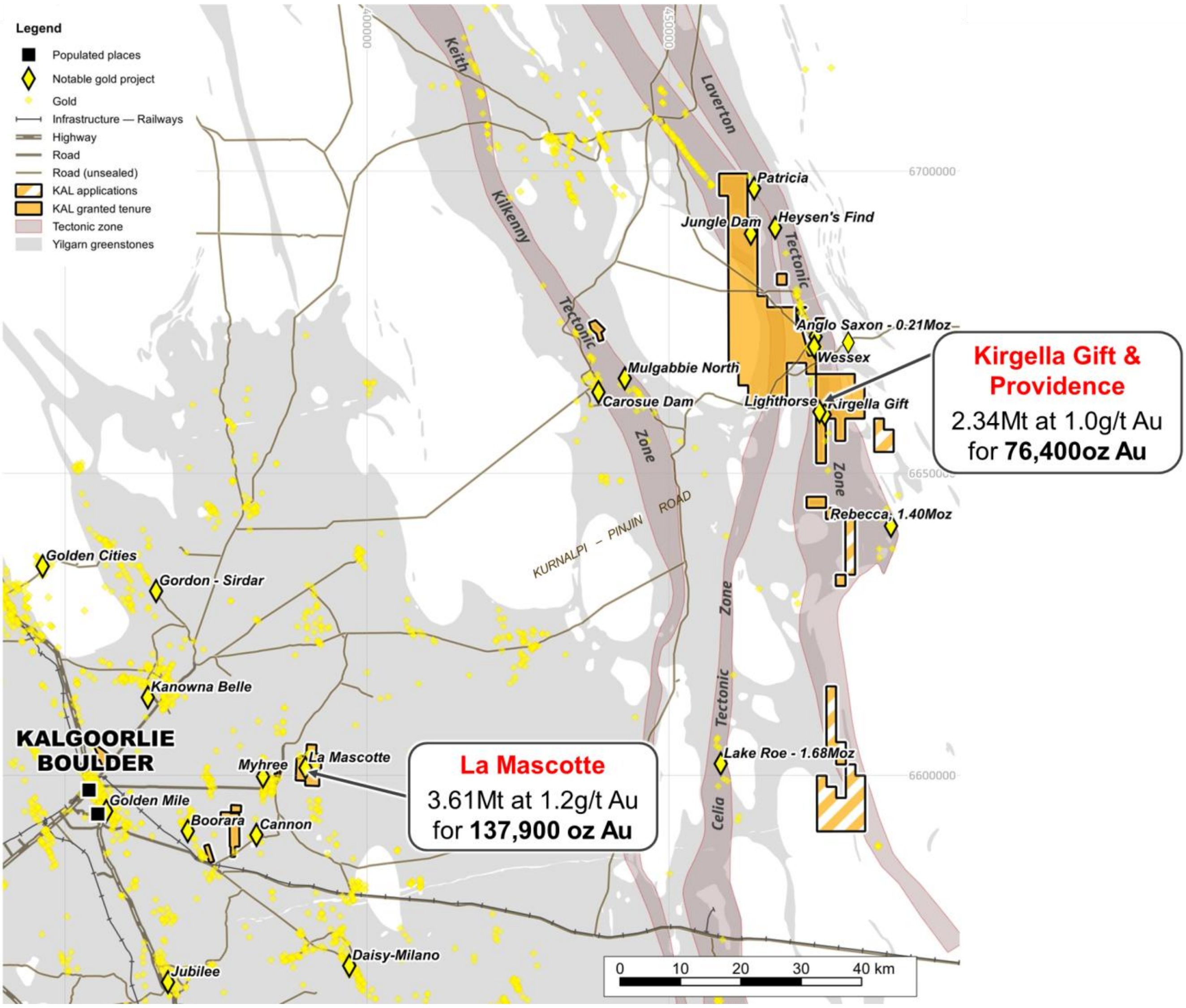

Figure 3 – Location map of the Lighthorse gold prospect at KalGold's Pinjin Project around 140 km northeast of Kalgoorlie-Boulder. The project is situated approximately 25 km north of Ramelius Resources' (ASX: RMS) Rebecca Gold Project. Also shown are KalGold's JORC Code (2012) Inferred Mineral Resources, the outcropping La Mascotte deposit 35 km east of Kalgoorlie, and the Kirgella Gift and Providence deposits from only 3m depth at Pinjin. Projection: MGA 94 Zone 51.

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

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

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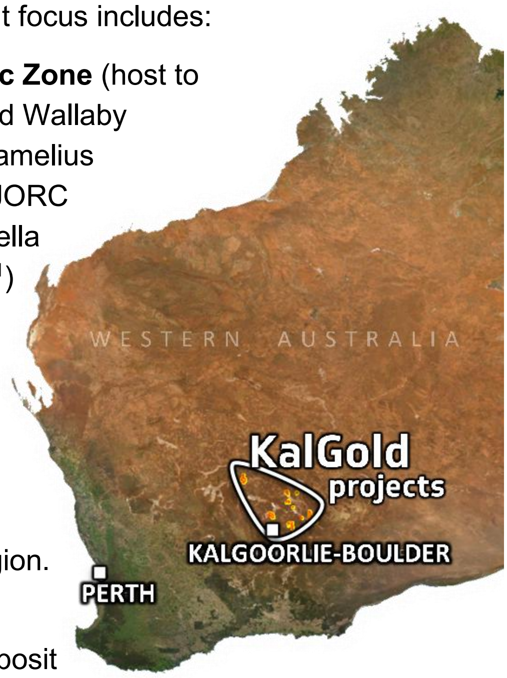
Follow KalGold on social media.

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 and a total gold resource in excess of 214,000 oz. KalGold prides itself on defining shallow, potentially open-pittable gold resources at very low costs, currently less than A$4.60 per ounce of gold[2]. Current focus includes:



- The **Pinjin Project** within the **30 Moz Laverton Tectonic Zone** (host to Sunrise Dam, Granny Smith, Rebecca, Anglo Saxon, and Wallaby projects) is located only 25 km north along strike from Ramelius Resources (ASX: RMS) **Rebecca Gold Project**. A first JORC Code (2012) Inferred Mineral Resource Estimate at Kirgella Gift and Providence (2.34 Mt @ 1.0 g/t Au for 76,400 oz[1]) represents the first area targeted at Pinjin, with many more targets scheduled for testing. The company aims to define further resources as these targets are tested. Some tenure is the subject of a farm-in over two years. Between this tenure and KalGold's own tenure and applications, the Company has established a significant presence in a strategic and important gold producing region.
- The **Bulong Taurus Project**, 35 km east of Kalgoorlie-Boulder. Contains the outcropping **La Mascotte** gold deposit where KalGold has defined a JORC Code (2012) Inferred Mineral Resource Estimate of 3.61 Mt @ 1.19 g/t Au for 138,000 oz[2], plus a series of satellite prospects and historic workings of the **Taurus Goldfield**. Work continues at the project.

[1] *See KalGold ASX release, "First Kirgella Gift Inferred Resource of 76,400oz from 3m". 25 July 2024.*
[2] *See KalGold ASX release, "La Mascotte gold deposit: First JORC (2012) Mineral Resource of 138,000 oz Au". 7 March 2023.*

CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

This news release contains forward-looking statements and forward-looking information within the meaning of applicable Australian securities laws, which are based on expectations, estimates and projections as of the date of this news release.

This forward-looking information includes, or may be based upon, without limitation, estimates, forecasts and statements as to management's expectations with respect to, among other things, the timing and amount of funding required to execute the Company's exploration, development and business plans, capital and exploration expenditures, the effect on the Company of any changes to existing legislation or policy, government regulation of mining operations, the length of time required to obtain permits, certifications and approvals, the success of exploration, development and mining activities, the geology of the Company's properties, environmental risks, the availability and mobility of labour, the focus of the Company in the future, demand and market outlook for precious metals and the prices thereof, progress in development of mineral properties, the Company's ability to raise funding privately or on a public market in the future, the Company's future growth, results of operations, restrictions caused by COVID-19, performance, and business prospects and opportunities. Wherever possible, words such as "anticipate", "believe", "expect", "intend", "may" and similar expressions have been used to identify such forward-looking information. Forward-looking information is based on the opinions and estimates of management at the date the information is given, and on information available to management at such time.

Forward-looking information involves significant risks, uncertainties, assumptions, and other factors that could cause actual results, performance, or achievements to differ materially from the results discussed or implied in the forward-looking information. These factors, including, but not limited to, fluctuations in currency markets, fluctuations in commodity prices, the ability of the Company to access sufficient capital on favourable terms or at all, changes in national and local government legislation, taxation, controls, regulations, political or economic developments in Australia or other countries in which the Company does business or may carry on business in the future, operational or technical difficulties in connection with exploration or development activities, employee relations, the speculative nature of mineral exploration and development, obtaining necessary licenses and permits, diminishing quantities and grades of mineral reserves, contests over title to properties, especially title to undeveloped properties, the inherent risks involved in the exploration and development of mineral properties, the uncertainties involved in interpreting drill results and other geological data, environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins and flooding, limitations of insurance coverage and the possibility of project cost overruns or unanticipated costs and expenses, and should be considered carefully. Many of these uncertainties and contingencies can affect the Company's actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, the Company. Prospective investors should not place undue reliance on any forward-looking information.

Although the forward-looking information contained in this news release is based upon what management believes, or believed at the time, to be reasonable assumptions, the Company cannot assure prospective purchasers that actual results will be consistent with such forward-looking information, as there may be other factors that cause results not to be as anticipated, estimated or intended, and neither the Company nor any other person assumes responsibility for the accuracy and completeness of any such forward-looking information. The Company does not undertake, and assumes no obligation, to update or revise any such forward-looking statements or forward-looking information contained herein to reflect new events or circumstances, except as may be required by law.

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

COMPETENT PERSON STATEMENT

The information in this report 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 report 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.

EXPLORATION RESULTS

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

- *Sub-Audio Magnetics (SAM) geophysical data guides upcoming RC drill program at Pinjin. Diamond Drilling at Kirgella Gift and Providence to commence soon, 26 August 2025.*
- *Lighthorse Strike Extended to 1,450m. Extensive RC Program Beginning Shortly, 15 July 2025.*
- *SAM geophysical survey commencing around Lighthorse, and exploration update, 6 June 2025*
- *Farm-in at Pinjin Gold Project completed, 29 May 2025.*
- *Quarterly activities report for the quarter ending 31 March 2025, 30 April 2024*
- *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 follow-up RC drilling to commence first week of March, 13 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*
- *More thick, shallow gold intercepts at Pinjin extend Wessex target to 2 km strike length, 9 October 2024*
- *Thick gold intercepts from initial drilling at Wessex near Anglo Saxon gold mine, 23 May 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.

MINERAL RESOURCE ESTIMATES

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, 5 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.