



5 June 2025

ASX ANNOUNCEMENT

FBM EXPANDS GOLD TENURE AT COOLGARDIE

Highlights

- Seven new contiguous tenement applications at Burbanks East, expanding project area to 10km².
- The newly staked tenements cover a 5km strike of greenstone lithologies prospective for gold located within a broader proven fertile gold belt with Burbanks East along strike from the operating MacPhersons Reward Gold Mine (132koz gold) and approx. 2km east of the Burbanks Gold Mine (466koz) and processing plant.
- This expansion increases FBM's landholdings across the Coolgardie Greenstone Belt to over 75 km²; with tenure 100%-owned and free from any third-party royalties or offtake agreements.
- Burbank East builds on FBM's existing gold footprint at Miriam, where historical drilling at Miriam's Forrest target intercepted shallow gold believed to be regolith and fresh rock hosted including¹:
 - 12m @ 2.09g/t from Au from 60m (MRC97-15)
 - 10m @ 2.51g/t from Au from 30m (FGA002)
 - 10m @ 2.09 g/t Au from 30m and 4m @ 4.86 g/t Au from 73m (MRC97-5)
 - 5m @ 7.35 g/t Au from 70m (MRC97-25)
 - 8m @ 1.63 g/t Au from 28m (MRC97-17)
 - 9m @ 1.07 g/t Au from 51m (MRC97-12)
- Collection and evaluation of historical data for Burbanks East is underway, with results expected in coming weeks.
- Magnetic geophysical interpretation and ground truthing are planned to define new gold targets while Burbanks East progresses toward grant.
- Litho-geophysical and geochemical review, including gold assaying of soil samples, is advancing at the Miriam Project, with results expected in June.
- FBM remains well-funded to undertake all planned exploration activities through 2025 and beyond, with a strong cash balance of A\$7.4 million and zero debt (as at 31 March 2025).

Future Battery Minerals Ltd (**ASX: FBM**) (**FBM** or the **Company**) is pleased to advise that it has staked seven new contiguous tenements at its Burbanks East Project (**Burbanks East**), located in the W.A. Goldfields region of Western Australia. This expands the Burbanks East to over 10km² and increases FBM's total tenure across the Coolgardie Greenstone Belt to over 75km².

¹ Refer to [FBM ASX announcement dated 27th May 2025](#)

FBM Managing Director and CEO, Nick Rathjen, commented:

“The scale of opportunity currently being assessed at Burbanks East has warranted a strategic expansion of our project landholdings, which now cover a 10km² area of highly prospective ground in a fertile gold region. A detailed evaluation of all available historical geological and drilling data is now underway, hopefully replicating the encouraging results recently produced at Miriam, where multiple prospective new gold zones have been identified. Located just 2.5 km from each other, our planned near-term activities at both Miriam and Burbanks East are naturally strategically complementary. Initial RC drilling at Miriam remains scheduled to commence in July 2025.”

Expansion of Burbanks East landholding

FBM has staked seven new prospective tenements to extend its existing Burbanks East Project area near Coolgardie (refer Figure 1). The new tenements cover a 5km strike of greenstone lithologies prospective for gold and LCT pegmatites within a broader proven fertile gold belt. This new tenure expands FBM’s Burbanks East Project area to over 10km² and increases the Company’s landholdings in the Coolgardie Greenstone Belt to over 75 km².

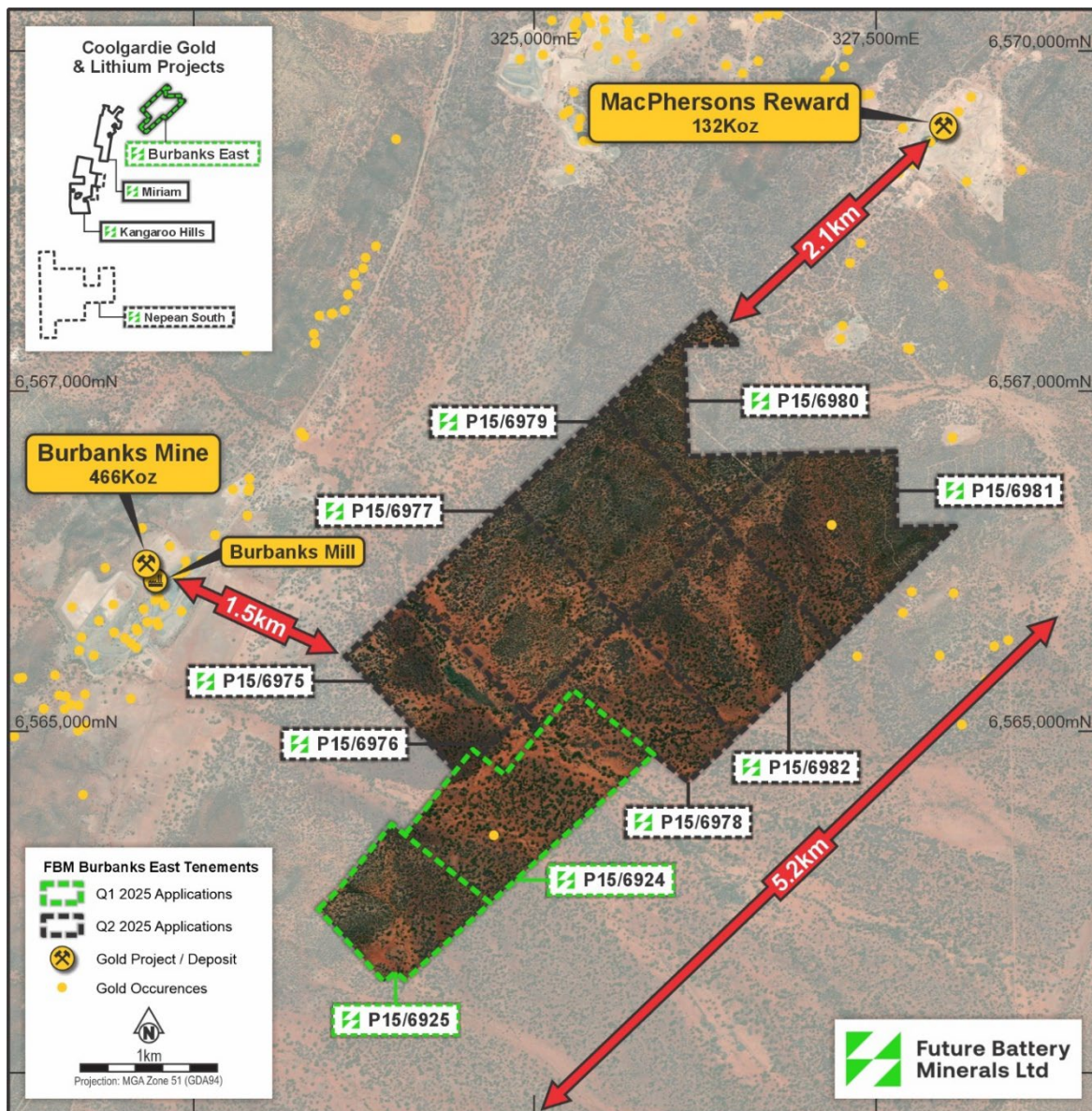


Figure 1: Burbanks East Project including new contiguous tenement applications

FBM has commenced an extensive review of all available historical data covering these new tenements. This evaluation is expected to be completed, with results released by the end of June.

Gold discovery potential at Burbanks East

The Burbanks East Project is situated directly east (~1.5km) of the Burbanks Gold Mine (current resource 466koz @ 2.4g/t Au)² owned by Horizon Minerals (ASX: HRZ), and MacPhersons Reward Gold Mine (132koz @ 1.2 g/t Au)³ owned by Beacon Minerals (ASX: BCN).



Figure 2: Regional Map of FBM's Coolgardie Projects and other nearby operations⁴

In January 2025, FBM submitted two prospecting license applications (P15/6924 and P15/6925) over a 2 km² area proximate to both the Company's Miriam Project and multiple nearby gold deposits, known as Burbanks East.

² Refer to Horizon Minerals [Reserves & Resources](#)

³ Refer to [Beacon Minerals ASX announcement](#) dated 6th November 2024

⁴ Refer to [Focus Minerals ASX announcement](#) dated 1st December 2023 and [Minerals 260 ASX announcement](#) dated 14 January 2025

These original two applications over Burbanks East in Figure 1 cover an area of surficial elevated gold anomalism, based on historical data (2007) collected by Barra Resources Ltd. Sampling was designed on an 80m x 200m grid.⁵ Aside from a wide-spaced, non-targeted Air Core (AC) drilling program conducted in 1996, the tenement area has not seen any recent exploration activity since the mid-2000's. Presently, the public DEMIRS domain for exploration data, WAMEX, shows that the new extension area at Burbanks East is largely untested by historic drilling, FBM's data collation exercise and ground truthing will further validate this and FBM expects to update the market within the coming weeks.

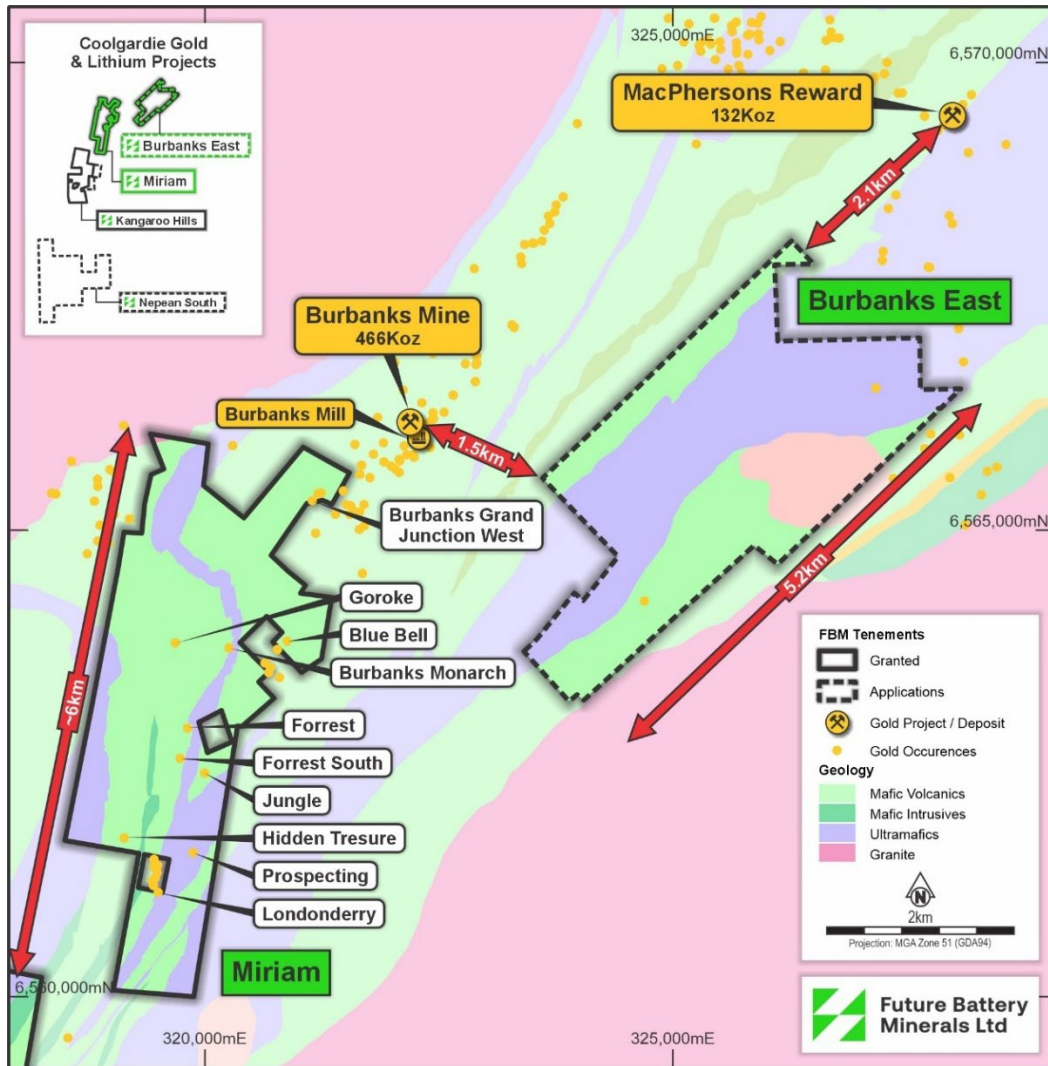


Figure 3: Burbanks East Project – GSWA 500K Bedrock Geology

The new extension area now provides FBM with a significantly larger footprint to explore, covering highly prospective bedrock geology. The underlying bedrock consists of Mafic and Ultramafic units which have been serpentinised to greenschist facies, otherwise known as Archaean greenstones which have been intruded by younger felsic and mafic units. These intrusions and associated deformation structures are considered a significant control on gold mineralisation. Importantly the Burbanks East project area is located on the same package of rocks known as the Hampton Ultramafic suite which host the MacPhersons Reward Gold mine and form part of the larger Tindall's anticline and the richly gold endowed Coolgardie Belt. FBM is currently collating all historic drilling and surface geochemistry from the Burbanks East project area to define new gold targets that may be tested through systematic exploration.

⁵ Refer [FBM ASX announcement dated 22 January 2025](#)

Upcoming work programmes

Following the initial historical data review, FBM plans to conduct a more detailed investigation of the gold prospectivity at Burbanks East. This will include a comprehensive review of available magnetic geophysics and ground truthing to define new gold targets, while progressing the tenement applications toward grant.

This strategy parallels the previous works completed for the Miriam Project, which recently highlighted consistent and continuous gold mineralisation historically intersected at over 650m of strike at the Forrest prospect, as well as gold occurrences at the Forrest South prospect⁶.

Complementing the exploration activities at Burbanks East, FBM continues to advance its planned workstreams at Miriam. A litho-geophysical and geochemical soil sampling review of Miriam is currently underway to better define the key structural gold targets recently identified, with results expected to be received in June.

Following completion of this work, an initial RC drill programme is set to commence in July 2025 to test these initial gold targets and follow up on historical drilling at the Forrest and Forrest South targets, where shallow gold was intercepted, believed to be regolith and fresh rock hosted including⁷:

- 12m @ 2.09g/t from Au from 60m (MRC97-15)
- 10m @ 2.51g/t from Au from 30m (FGA002)
- 10m @ 2.09 g/t Au from 30m and 4m @ 4.86 g/t Au from 73m (MRC97-5)
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Burbanks East Agreement

At the time of application for five of the new Burbanks East tenements, it was determined that a third party had also lodged valid applications over the same area. Following assessment by the Department of Mines, Industry Regulation and Safety (DMIRS), each party was found to hold first-in-time priority over approximately 50% of the total area. FBM subsequently reached an agreement with the competing applicant, under which the applicant agreed to withdraw their applications in exchange for \$75,000 in cash and \$75,000 in FBM shares calculated at the 10-day Value Weighted Average Price (VWAP) immediately prior to the date of issue, subject to a six-month escrow period.

This announcement has been authorised for release by the Board of Directors of the Company.

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For further information visit www.futurebatteryminerals.com or contact:

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⁶ Refer FBM ASX announcement dated 27 May 2025

⁷ Refer to FBM ASX announcement dated 27th May 2025

Competent Persons Statement

The information in this announcement that relates to exploration results is based on and fairly represents information compiled by Mr Robin Cox BSc (E.Geol), a Competent Person, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Cox is the Company's Chief Geologist 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. Mr Cox consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Future Battery Minerals Limited's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential", "should," and similar expressions are forward-looking statements. Although Future Battery Minerals Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward-looking statements.

Previously Reported Results

The information in this announcement that relates to Exploration Results is extracted from the ASX announcements (Original Announcements), as referenced, which are available at www.futurebatteryminerals.com.au. FBM confirms that it is not aware of any new information or data that materially affects the information included in the Original Announcements and, that all material assumptions and technical parameters underpinning the estimates in the Original Announcements continue to apply and have not materially changed. FBM confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original announcement.

About Future Battery Minerals (ASX: FBM)

THE BUSINESS: Gold and lithium exploration and development

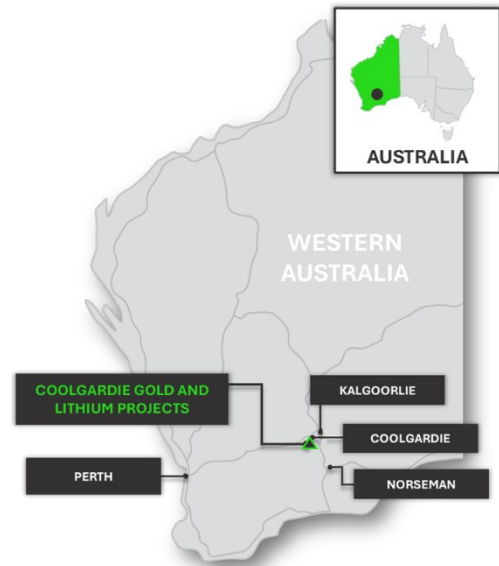
Future Battery Minerals (ASX: FBM) is an exploration and development company focused on rapidly advancing its world-class gold and lithium projects in the Eastern Goldfields of Western Australia.

THE LOCATION: Infrastructure-rich project setting

The Eastern W.A. Goldfields is an outstanding location in which to explore for, build, and operate gold and lithium mines. It is a long-established mining province with all the accompanying benefits, including all-year land access, skilled labour, mining services and infrastructure.

We are positioned just 15km south of the mining hub of Coolgardie (via sealed road), approximately 370km to the port of Esperance and approximately 550km to Perth via road and rail. We are proximal to multiple gold and lithium mining and processing operations and development projects of substantial scale.

This available range of potential commercialisation options, including standalone development, positions us well to monetise current and future success.



THE TEAM: Proven value generators

Our carefully assembled team has an extensive track record of exploration success, project stewardship, development expertise and operating excellence that has repeatedly resulted in the delivery of substantial shareholder value: Nick Rathjen (MD), Robin Cox (Technical Director), Nev Power (Chairman), Rob Waugh (NED).

THE CAPACITY: Balance sheet strength and runway

We are a business and team that is resolutely focussed on the stewardship of our shareholders' capital and the astute application of this capital for maximal return. With a cash balance of A\$7.4 million and zero debt (as at 31 March 2025), we are well-funded to undertake our planned exploration and evaluation work programs across our projects.

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