



22 July 2025

## ASX ANNOUNCEMENT

# COMPLETION OF PHASE 1 GOLD DRILLING AT MIRIAM

## Highlights

- Phase 1 Reverse Circulation (RC) drilling programme now complete at the Miriam Project.
- Programme consisted of 21 holes for approximately 1,900m drilled, targeting gold mineralisation at the Forrest and Canyon prospects.
- All samples submitted to the laboratory with first results expected in early September 2025.
- Following receipt of Phase 1 results, FBM plans to commence Phase 2 drilling later in September to further test the Forrest and Canyon prospects plus other key regional targets.
- Drilling results from Forrest are targeted to advance an initial Mineral Resource Estimate (MRE) declaration, scheduled for completion in Q4 2025.
- FBM well-funded to execute all planned exploration activities through 2025 and beyond.

Future Battery Minerals Ltd (**ASX: FBM**) (**FBM** or the **Company**) is pleased to advise that it has completed the gold targets focussed Phase 1 RC drilling programme at its 100%-owned Miriam Project, located in the W.A. Goldfields region of Western Australia.

### FBM Managing Director and CEO, Nick Rathjen, commented:

*"The completion of Phase 1 RC drilling represents the first of several exploration workstreams that we intend to advance at Miriam through the remainder of 2025, specifically targeting gold mineralisation. Samples from a total of 21 holes drilled during the programme have now been submitted for assay with results expected to be received and released in early September 2025."*

*"We are now focussed on planning for Phase 2 drilling at Miriam, which is expected to further target the Forrest and Canyon prospects, as well as testing other prospective regional targets previously identified through magnetic geophysical evaluation and soil sampling. Additionally, Phase 1 results from Forrest are set to be incorporated into our current geological model and are planned to support the delivery of an initial MRE for Miriam in Q4 2025."*

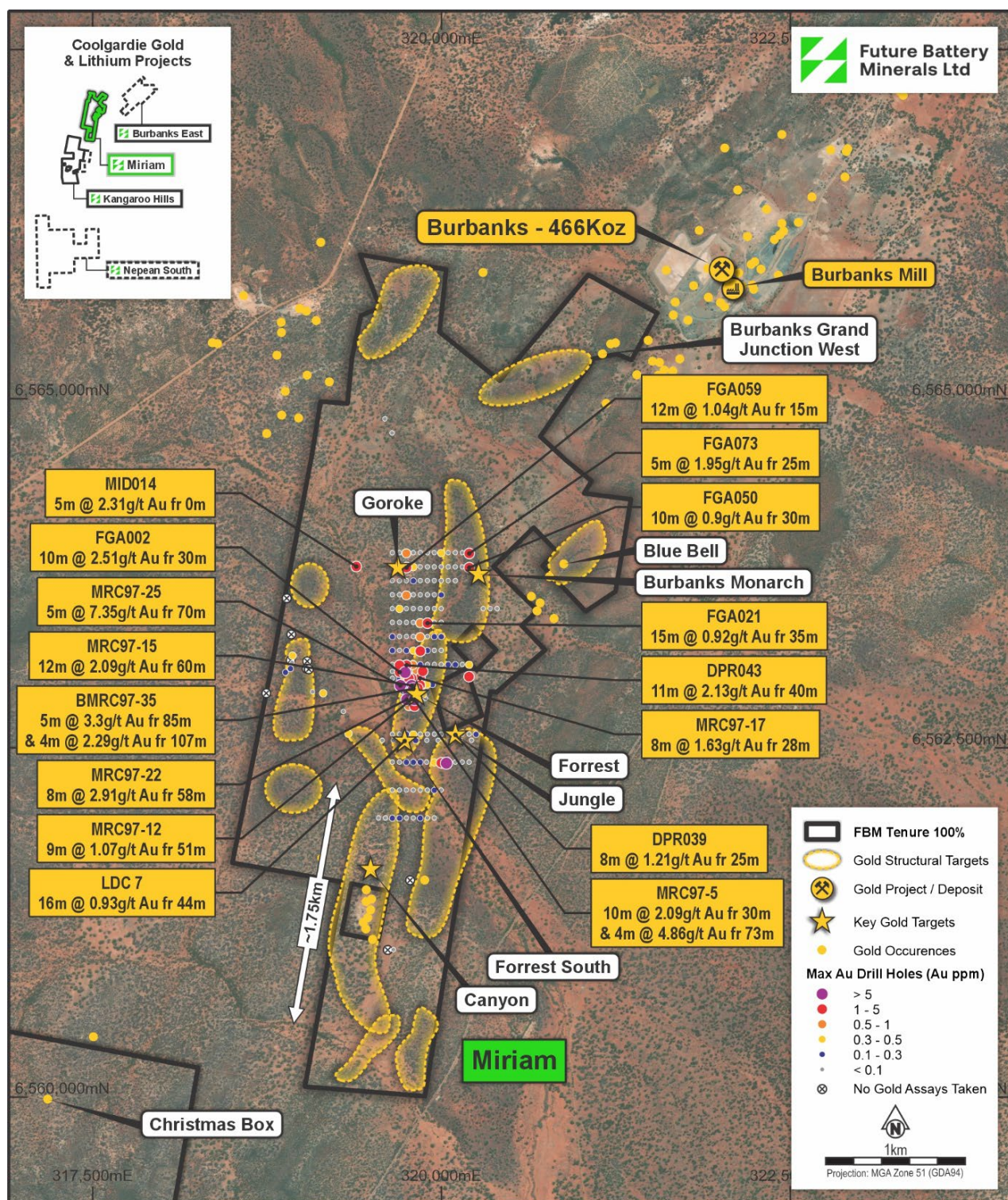
## Miriam Phase 1 RC Programme

FBM has completed its Phase 1 RC gold drilling programme at Miriam. The programme consisted of twenty-one (21) holes for approximately 1,900m drilled. Phase 1 was designed to target gold mineralisation at Forrest and the newly defined Canyon prospect (located approx. 1km south of Forrest).

All drill samples have been submitted to the laboratory for assay analysis, with full results expected to be returned and announced in early September 2025.

Following receipt of these results, FBM plans to commence Phase 2 RC drilling at Forrest and Canyon later in September, along with other key regional targets.

The Phase 1 drilling results from the Forrest prospect will be incorporated into the Company's geological model and are set to both inform future planned exploration of Miriam and support an initial gold MRE scheduled for release in Q4 2025.



**Figure 1: Miriam Project Historical Drill Hole Locations and Key Prospects Map<sup>1</sup>**

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

**-END-**

<sup>1</sup> Refer to FBM ASX releases dated 27 May 2025, 17 June 2025 and 25 June 2025. Burbanks refer to Horizon Minerals Reserves & Resources



For further information visit [www.futurebatteryminerals.com](http://www.futurebatteryminerals.com) or contact:

Nicholas Rathjen

**CEO & Managing Director**

E: [nrathjen@futurebatteryminerals.com.au](mailto:nrathjen@futurebatteryminerals.com.au)

Robin Cox

**Technical Director**

E: [rcox@futurebatteryminerals.com.au](mailto:rcox@futurebatteryminerals.com.au)

### 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](http://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

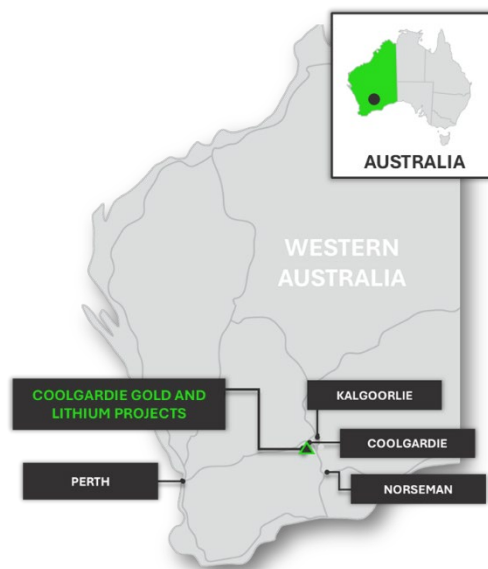
Future Battery Minerals (ASX: FBM) is an exploration and development company focused on rapidly advancing its world-class gold and lithium projects in the Eastern Goldfields of Western Australia.

### 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.