



11 March 2024

## ASX ANNOUNCEMENT

# PHASE 4 KANGAROO HILLS DRILLING COMMENCED

## Highlights

- Reverse Circulation (RC) drilling of key northern targets at Kangaroo Hills Lithium Project (KHLP) commenced.
- Phase 4 drilling (approx. 3,000m) is set to initially focus on testing the interpreted northern continuity (Big Red Extension) of the shallow, thick, gently dipping, and high-grade lithium mineralisation intersected at Big Red, which includes:
  - 29m @ 1.36% Li<sub>2</sub>O from 38m (KHRC011)<sup>1</sup>
  - 27m @ 1.32% Li<sub>2</sub>O from 64m (KHRC017)<sup>2</sup>
  - 23m @ 1.03% Li<sub>2</sub>O from 53m (KHRC031)<sup>3</sup>
  - 23m @ 1.19% Li<sub>2</sub>O from 44m (KHDD001)<sup>1</sup>
  - 22m @ 1.24% Li<sub>2</sub>O from 23m (KHDD006)<sup>4</sup>
- Drilling is then planned to shift to testing of high-potential optimised resistivity anomaly targets at Quokka and Western Grey.

Future Battery Minerals Ltd (ASX: FBM) (FBM or the **Company**) is pleased to advise that the Phase 4 drilling program in the northern area of its 100%-owned Kangaroo Hills Lithium Project (KHLP) in Western Australia has now commenced.



Figure 1: RC rig drilling at the Big Red Extension target

<sup>1</sup> Refer to ASX Announcement dated 20 March 2023 – “LCT-Pegmatite Discovery Confirmed at Kangaroo Hills”.

<sup>2</sup> Refer to ASX Announcement dated 3 May 2023 – “Multiple Thick High-Grade Results Extend Lithium Discovery”.

<sup>3</sup> Refer to ASX Announcement dated 22 June 2023 – “Further High-Grade Lithium Assays at Big Red Discovery, New Pegmatite Uncovered at The Rocky Prospect”.

<sup>4</sup> Refer to ASX Announcement dated 17 October 2023 – “Kangaroo Hills High-Grade Lithium System Continues to Grow”.

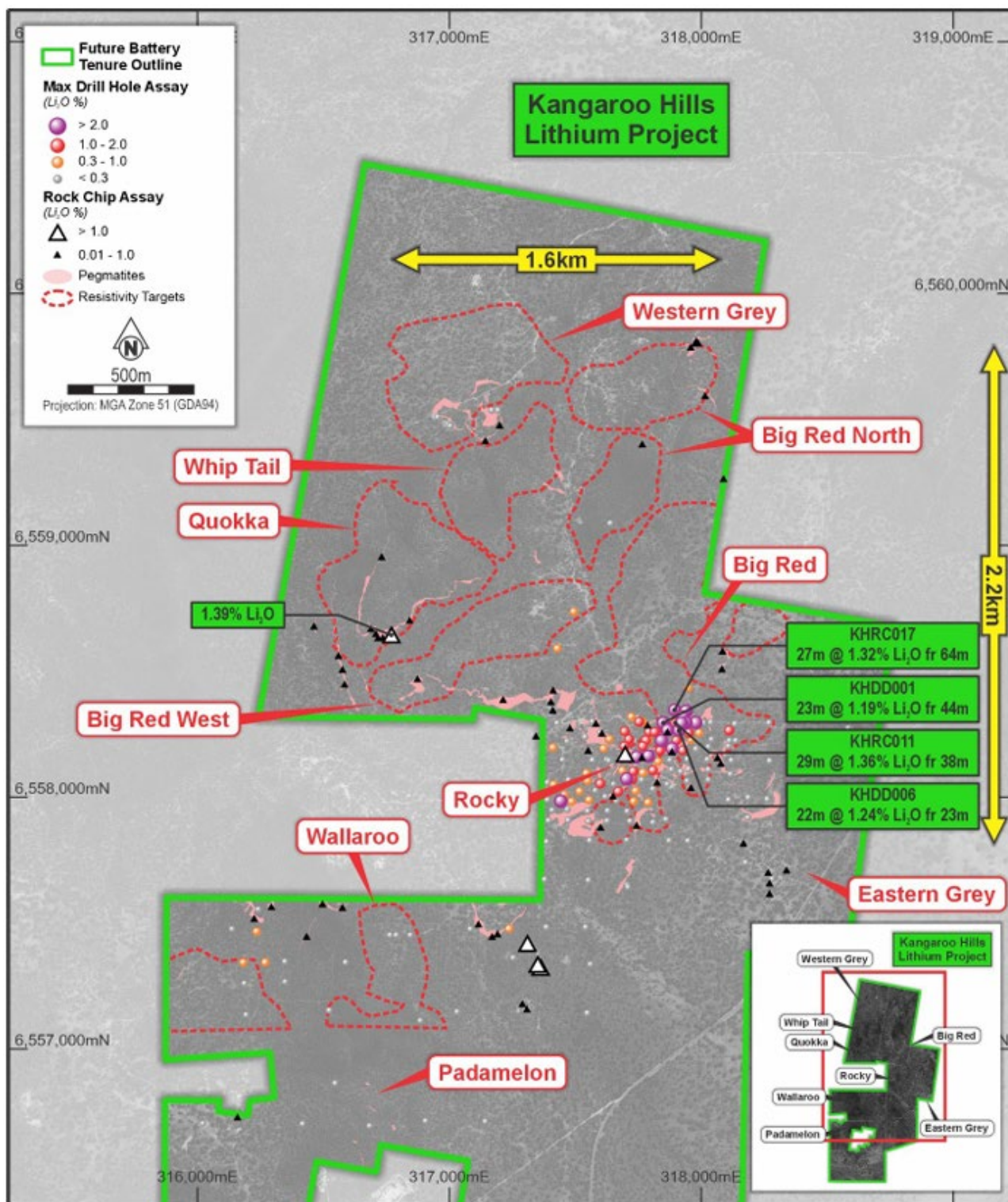


Figure 2: Big Red Extension and regional KHP targets

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](http://www.futurebatteryminerals.com) or contact:

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#### **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 program 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 Kangaroo Hills Lithium Project (KHLP) – 100%

The KHLP is a recent and exciting hard rock lithium discovery located in the Goldfields of Western Australia, approximately 17km south of the major township of Coolgardie. Spodumene mineralisation within Lithium-Caesium-Tantalum (LCT) pegmatites was discovered during regional exploration drilling of the Nepean Nickel Project in late 2022. Exploration efforts to date have significantly expanded on these initial results, with two subsequent rounds of drilling totalling 47 holes and over 6,000m. This drilling has identified the Big Red Prospect, an outcropping, north-dipping pegmatite returning an intercept of 29m @ 1.36% Li<sub>2</sub>O from 38m<sup>5</sup>, and with spodumene identified as the dominant lithium mineral. Through the implementation of regional target generative work involving mapping, geophysics and geochemistry, six additional high priority prospects have been identified. These high priority prospects have the potential to host further LCT pegmatites.

The location of the KHLP provides significant advantages to FBM. Located on the doorstep of a premier mining district, the Goldfields of Western Australia, and specifically Kalgoorlie (50km east of the KHLP), host a professional mining and exploration workforce. This provides FBM with ready access to skilled labour and regional infrastructure critical to the development of any future mining project. The Goldfields region is also a notably lithium endowed province of Western Australia, with numerous operating and developing lithium projects. Notably, the KHLP is only 30km west of the Mt Marion Lithium Mine operated by Mineral Resources (ASX: MIN). The KHLP site is accessible via a sealed road leading south from Coolgardie, ensuring FBM has continuous access all year-round.



<sup>5</sup> Refer to ASX Announcement on 20 March 2023 – LCT – Pegmatite Discovery Confirmed at Kangaroo Hills