

6 April 2023

Exploration update

HIGHLIGHTS

- Follow up drilling at Kangaroo Hills Lithium Discovery has commenced.
- Maiden Drilling program at Earahedy to commence in late April.
- Funding secured to fully cover both drilling programs.

Lodestar Minerals Limited (“LSR” or “the Company”) (ASX:LSR) is pleased to advise on an exploration update.

- 5,000m of first pass aircore drilling of base metal targets within the Earahedy-Imbin Project
- Further RC and diamond core drilling at the Kangaroo Hills JV Project lithium discovery
- Funding secured to fully cover these programs

Kangaroo Hills JV Project (LSR 20%)

Future Battery Minerals (ASX:FBM) are operators of the JV Project (FBM 80%). N.B. FBM have recently changed their name from Auroch Minerals Limited (ASX:AOU) to FBM¹.

The recent round of drilling at Kangaroo Hills intersected high grade pegmatite-hosted lithium mineralisation within the JV tenements (Figure 1)². The new round of drilling will test for extensions in all directions to wide high-grade intersection announced on 20 March 2023.

¹ Refer ASX Announcement dated 27 March 2023 (ASX:AOU)

² Refer ASX Announcement dated 20 March 2023 (ASX:AOU)

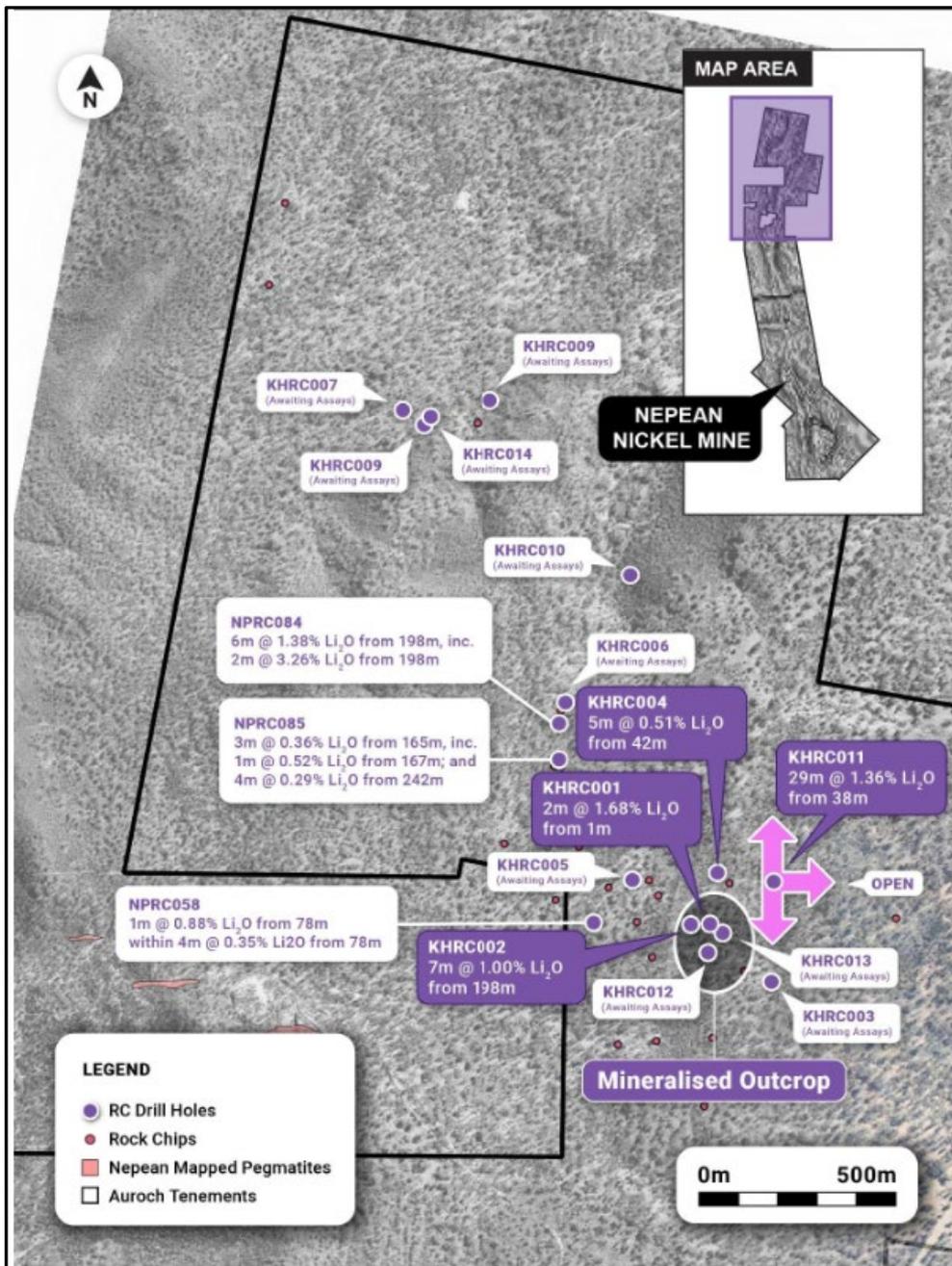


Figure 1: Kangaroo Hills drill hole locations with lithium results

Earaheedy-Imbin Project (LSR 100%)

The Earaheedy-Imbin Project is 960 sq km in the under-explored Earaheedy basin NE margin (Figure 2). This is an emerging Earaheedy metallogenic terrane with Tier 1 base metal potential, same age as DeGrussa (Cu). It includes Zn-Pb-Ag targets in a similar geological setting as Rumble Resources Chinook Discovery.

Copper in historical drilling at Main Gossan hosted by carbonaceous shale, interbedded with pyritic siltstone and breccia (e.g. 36m at 0.71% Cu, incl. 2m at 4.65% Cu and 3m at 1.97% Cu)³.

³ Refer ASX Announcement dated 15 December 2021 (ASX:LSR)

The aircore drilling will comprise approximately 100 holes for 5,000m and will test seven targets (Figure 3). These targets were defined by both electromagnetic (EM) anomalies and soil geochemistry anomalies using ultrafine (UFF+) multi-element assaying methods developed by the CSIRO who also analysed and interpreted the assay data for LSR⁴.

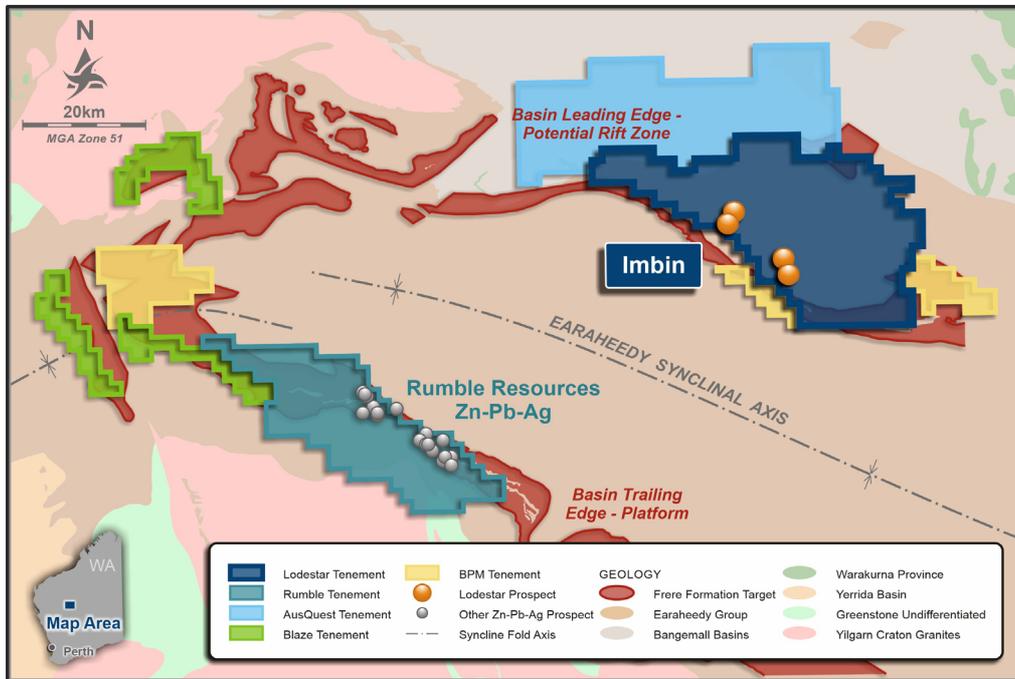


Figure 2: Earraheedy-Imbin Project location

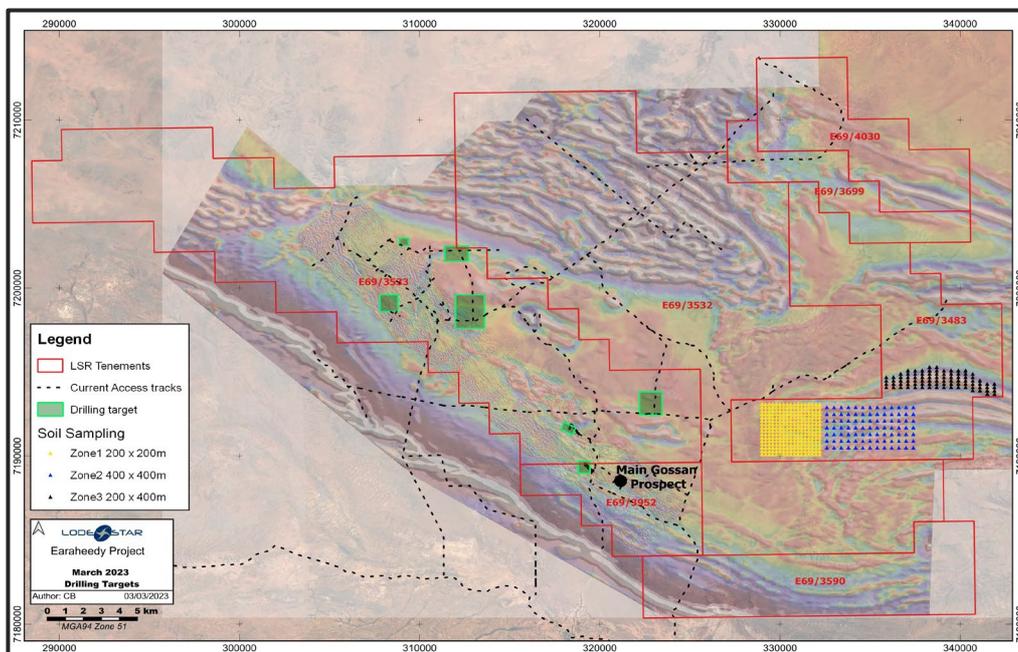


Figure 3: Drilling target areas within the Earraheedy-Imbin Project

⁴ Refer ASX announcement dated 23 December 2021 (ASX:LSR)

Loan Facility Terms

The Company has entered into a loan facility with sophisticated shareholders of the Company whereby the Company has borrowed \$550,000 for a minimum period of 3 months and a maximum period of 12 months. The loan is unsecured and pays interest at a rate of 12% pa. 55,000,000 options are to be issued to the lenders by way of a facilitation fee. The options will be unlisted and will be exercisable at 0.7c on or before the date 12 months from their date of issue. The options will be issued pursuant to ASX Listing Rule 7.1 and s708 of the Corporations Act.

About Lodestar

Lodestar Minerals is an active Western Australian base metal, lithium and gold explorer.

Lodestar’s projects comprise the 100%, Earahedy-Imbin, Jubilee Well, Bulong and Coolgardie West projects as well as the Kangaroo Hills JV Project, the Nepean JV Project, and the Ned’s Creek JV Project.

The Earahedy-Imbin Project is a major strategic land holding in the emerging Earahedy Province, site of Rumble Resource’s recent and potentially world-class Zinc-Lead discoveries. The Imbin Project is located on the northern margin of the prospective basin and is the site of significant historic copper intersections in drilling and approximately 20km of strike of the targeted Yelma-Frere unconformity.

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

-ENDS-

Contacts

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Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Ed Turner, Managing Director, who is a Member of the Australasian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Turner consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

This announcement is available to view on the Lodestar website. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.