

## **METALLURGICAL TESTWORK CONDUCTED FOR SAMPLES FROM LEPIDOLITE HILL PROJECT**

### **Highlights**

- Samples from Lepidolite Hill were submitted to an experienced laboratory for Metallurgical test work

Eastern Resources Limited (“Eastern Resources” or the “Company”) is pleased to announce that the Company has engaged Nagom, an experienced lithium consultancy in Perth, to plan and manage metallurgical testwork for samples from the Lepidolite Hill Project (“Project”).

After receiving significant assay results from the maiden drilling program completed in March 2024 (ref ASX: EFE 18 April 2024), a further 35kg of samples were selected as individual metre samples from two drill holes EFLHRC0010 and EFLHRC0011 and submitted to Nagom for metallurgical testing.

This initial metallurgical test program is designed to test the ability to produce a commercial lithium concentrate and will include multi-stage floatation.

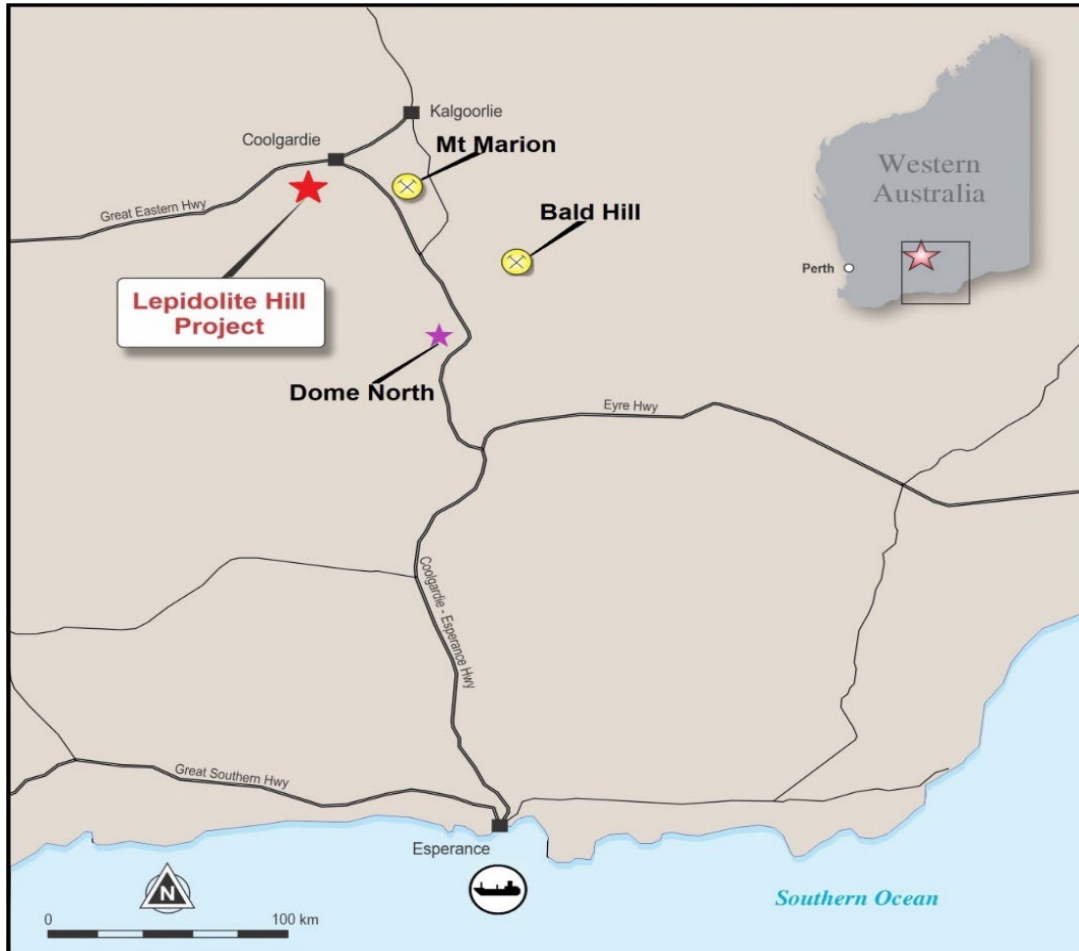
### **LEPIDOLITE HILL LITHIUM PROJECT**

The Lepidolite Hill Lithium Project is strategically located in the Southern Yilgarn lithium belt. The Project is located approximately 18 km south-southwest of Coolgardie WA, and 32 km west of the Mt Marion Lithium mine.

The Project was a historical old lepidolite and petalite mine in the early 1970’s. Lithium-rich pegmatites are common in the Lepidolite Hill project area.

An exploration drilling program conducted by the Company in 2024 discovered further lithium mineralisation at the Project. Pegmatite horizons were encountered in all drill holes and visual lepidolite and petalite were recorded in the drill holes, with an outstanding result of lithium bearing pegmatite grading 13m @ 1.47% Li<sub>2</sub>O from 19m within drill hole EFLHRC0011, and 31m @ 0.86% Li<sub>2</sub>O from 67m within drill hole EFLHRC0023. Mine stockpiles and limited drilling have confirmed high grade lithium, tantalum and rubidium.

The Project has significant potential for further discoveries of lepidolite, petalite and spodumene. The Company's partner Yongxing Special Materials has strong demand for lepidolite and notes the promising test work completed by Lithium Australia which indicates potential for high recovery of lithium.



**Figure 1: Location of Lepidolite Hill Project**

## ABOUT EASTERN RESOURCES LIMITED

Eastern Resources Limited (ASX: EFE) is an Australia based ASX-listed, emerging lithium focused exploration and development company.

The Company holds four lithium assets in WA as follows:

- 100% interest in the Trigg Hill Lithium-Tantalum project which is strategically located in the historical lithium-tin-tantalum district in the Pilbara,
- 70% interest in the Lepidolite Hill Lithium project located in Southern Yilgarn Lithium Belt (30% interest held by Lithium Australia),
- 100% interest in the Lake Johnston project located in the Southern Yilgarn Lithium Belt,
- 100% interest in the Yalgoo West Lithium project located in Yalgoo lithium province.

The Company is also developing the Nowa Nowa Iron project in East Gippsland, VIC.

The Company has formed a strategic partnership with Ya Hua International Investment and Development Co. Ltd, a wholly owned subsidiary of Yahua Group which is one of the largest Chinese lithium converters, to acquire and develop spodumene projects. The Company also has executed a Strategic Partnership Agreement with Yongxing Special Materials Technology Co. Ltd. (“Yongxing”) to acquire and develop lepidolite projects. Yongxing is one of the major Chinese lithium converters using lepidolite concentrates as feed to produce battery grade lithium carbonate. These two strategic relationships provide Eastern Resources with excellent coverage over the primary lithium sources.

## INVESTOR INFORMATION

Further information, previous Company announcements and exploration updates are available at the Investors tab on the Company’s website – [www.easternresources.com.au](http://www.easternresources.com.au)

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

### *Eastern Resources Limited*

**Myles Fang**  
Executive Director

### **ASX: EFE**

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