



## EIGHT NEW TENEMENTS GRANTED AT MITRE HILL CLAY-HOSTED REE PROJECT

13 DECEMBER 2023

- The Company has been granted a further eight (8) tenements within Victoria, increasing the total land holding approximately 50% to circa 2,109 km<sup>2</sup>
- The tenements strengthen the existing tenement package with six (6) tenements being contiguous to the current granted tenure
- The Mitre Hill REE Project lays along strike from Australian Rare Earths (AR3) Koppamurra Project which hosts a JORC Compliant Resource of 186Mt at 712ppm TREO (Total Rare Earth Oxide)
- Mitre Hill has indicative metallurgical recoveries of high value rare earth elements Praseodymium (Pr), Neodymium (Nd), Dysprosium (Dy) and Terbium (Tb) up to 70.2%

Resource Base Ltd (ASX: RBX) (**Resource Base or the Company**) is pleased to announce that the Company has been granted the following additional eight (8) tenements; EL007888, EL007889, EL007891, EL007892, EL007893, EL007894, EL007898 and EL007900. The granted tenements are located in Victoria at its highly prospective clay hosted REE Mitre Hill Project (“**Mitre Hill**”).

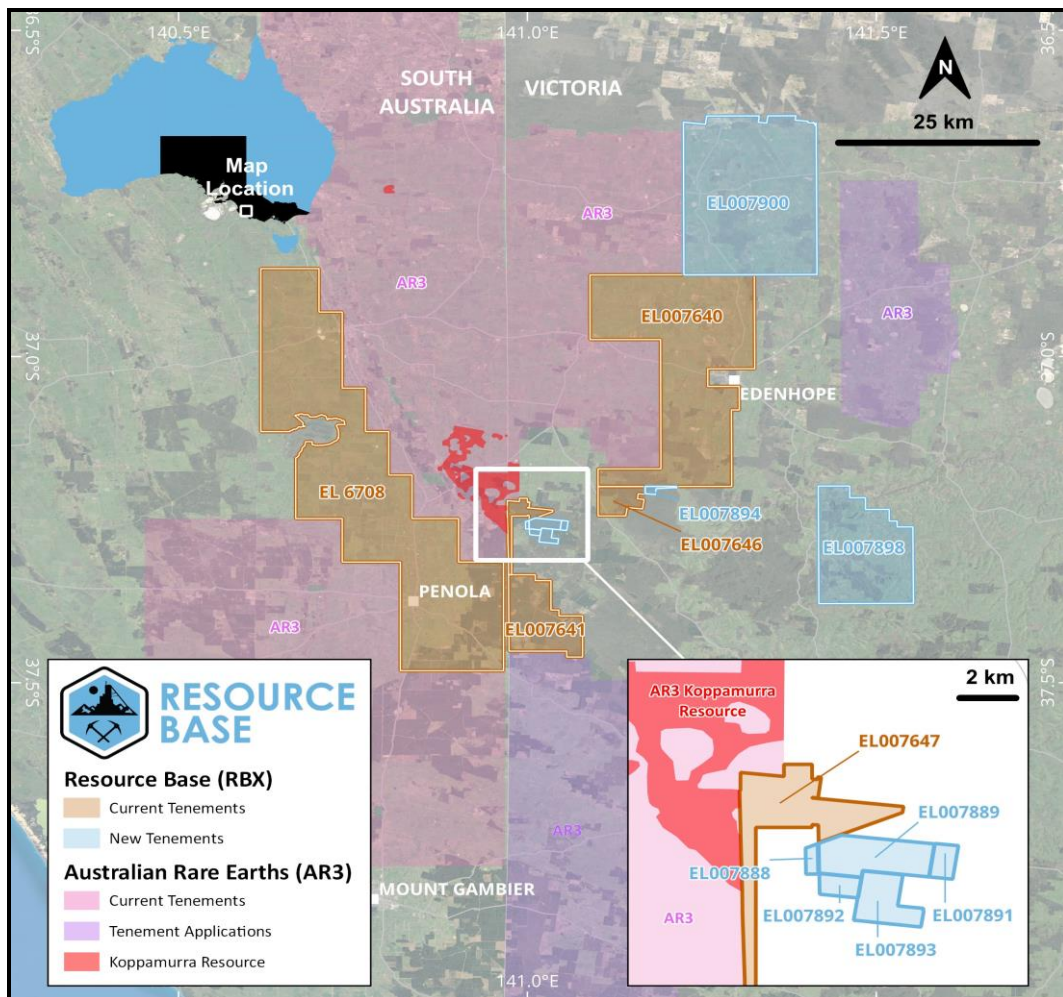


Figure 1: Mitre Hill REE Project tenement location map



About Mitre Hill

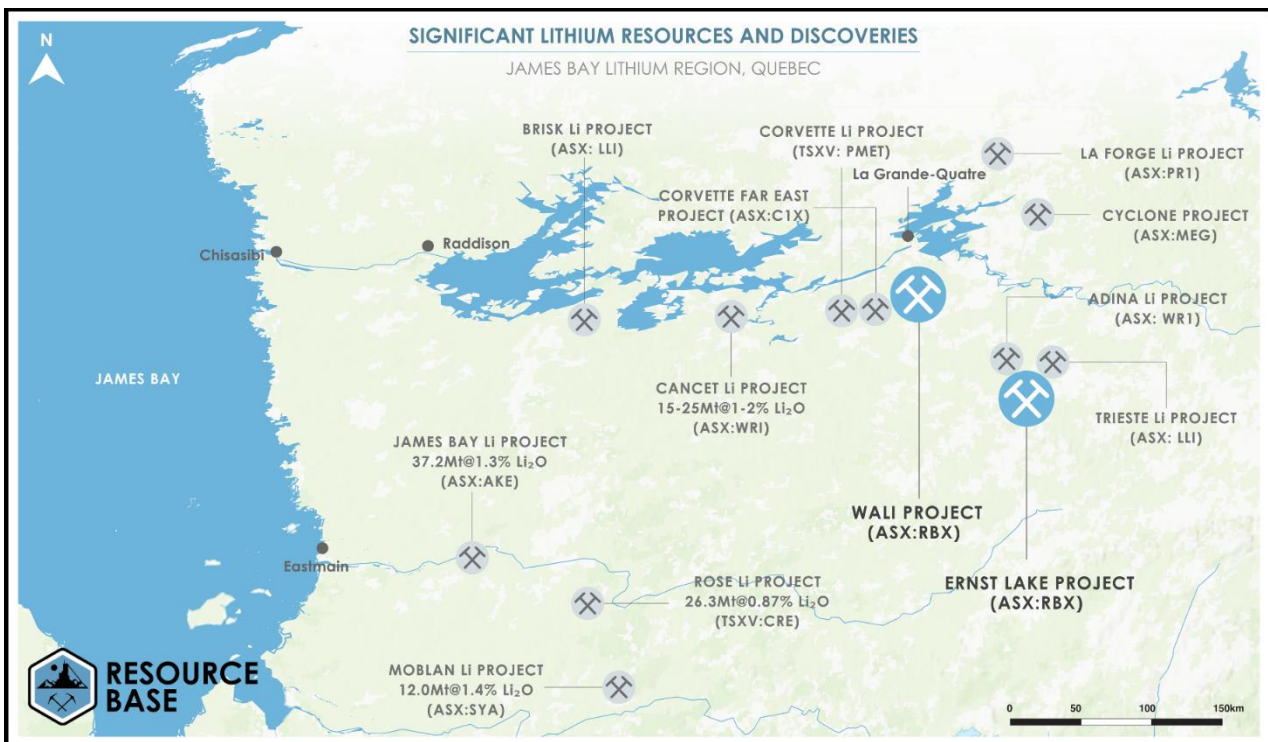
Mitre Hill is an Ionic clay-hosted REE project in Victoria and South Australia, with a JORC 2012 Inferred Mineral Resource Estimate (“MRE”) of 21 Mt @ 767 ppm TREO with metallurgical extraction rates of up to 70.2% of high value magnet rare earths (See ASX announcement “Extractions up to 70% of Magnet Rare Earths at Mitre Hill”, dated 05/07/2023). Mineralisation starts from surface and is highlighted by thick zones of high-grade TREO and the existing MRE only incorporates 38-62% of the identified Exploration Target drilled to date.

The potential quantity and grade of the Exploration Target is conceptual in nature, and to date there has been insufficient exploration undertaken to meet the requirements of a Mineral Resource calculation. It is uncertain if further exploration will result in the estimation of a mineral resource.

The Company is currently working towards infill drilling at Mitre Hill with a view to expanding the current inferred resource (see ASX announcement “Maiden JORC Resource at Mitre Hill, dated February 2023”). We have defined three priority targets with a view to increase the current MRE within the broader Exploration Target.

About Resource Base Ltd

Resource Base Limited (ASX: RBX) has 100% ownership of two lithium exploration projects, Wali and Ernst Lake, both in the highly prospective James Bay lithium province, host to several major players and significant recent discoveries.





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This announcement has been authorised by the Board of Resource Base Limited.

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### Competent Persons Statement

The Information in this report that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Michael Beven, a consultant to the Company, who is a Member of the Australasian Institute of Geoscientists. Mr Beven has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Beven consents to the inclusion of this information in the form and context in which it appears in this report. Mr Beven does not hold securities in the Company.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements dated 3 February 2023 and 5 July 2023. The Company confirms that the form and the context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.