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ASX: RBX

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15 March 2022

RBX Completes Initial Drilling at Mitre Hill REE Project

Highlights

- Company completes Initial drilling program at EL007646 on its 100% owned Mitre Hill project that is prospective for Ionic Clay Rare Earths
- Initial drilling Program completed 34 holes for a total of 465m
- Assay results are expected to be returned late April
- Mitre Hill Ionic Clay Rare Earth project situated adjacent to Australian Rare Earths' (ASX:AR3) JORC 2021 Inferred Mineral Resource of 39.9Mt @ 725ppm Total Rare Earth Oxide (TREO)^{1,2}

Resource Base Limited (ASX:RBX) (Resource Base or the Company) is pleased to advise that its initial air-core drilling program has been completed at EL007646 on its 100% owned Mitre Hill project that is prospective for Ionic Clay Rare Earths.



Figure 1: Regional setting of Mitre Hill Project tenements in emerging Rare Earths precinct.

The program focussed on drilling roadside reserves at 500m spacing to begin assessment of EL007646, the first of the Mitre Hill Project tenements to be granted, with results expected to be returned in April.

All samples are currently being prepared and transported to the Bureau Veritas laboratory in South Australia. The Company anticipates that the assay results will be received in late April 2022.

¹ Refer Australian Rare Earths' (ASX:AR3) Prospectus dated 7 May 2021.

² These results do not guarantee the same or similar levels of success on the Mitre Hill Project tenements



Figure 2 following shows the planned location of the holes all holes were drilled in accordance with the plan. Collar details of drillholes are included in Annexure B.

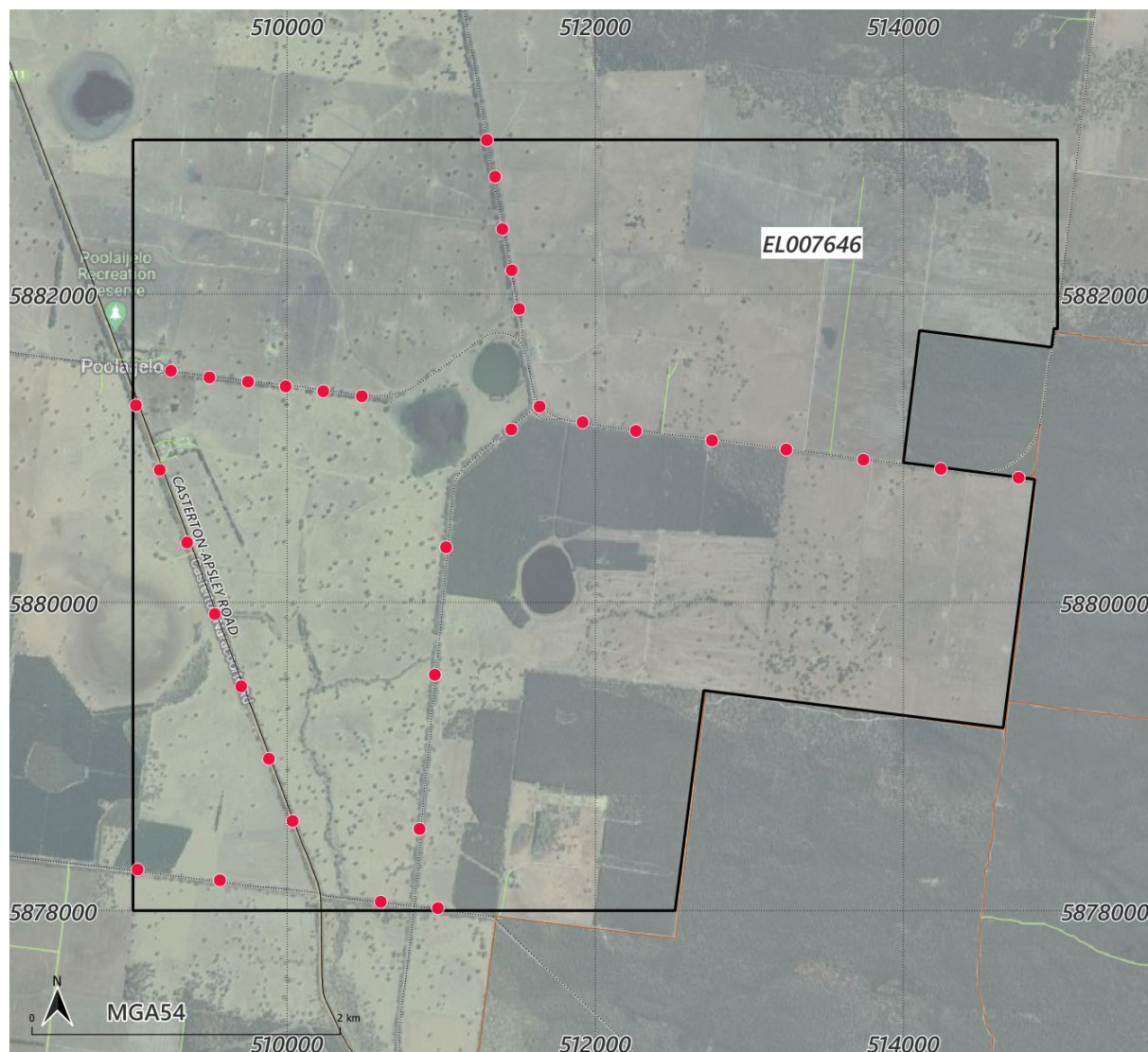


Figure 2: EL007646 air-core drill hole locations (red dots) completed to date.

EL007646 within the southern margin of the Murray Basin in western Victoria approximately 12km east of Australian Rare Earths (**AR3**) JORC 2021 Inferred Mineral Resource of 39.9Mt @ 725ppm Total Rare Earth Oxide (TREO)^{3,4}.

With the continuing exploration success neighbouring tenement holders are experiencing, such as Australian Rare Earths (**AR3**) the Company believes the Ionic Clay Rare Earth mineralisation that has been identified within the southern margin of the Murray Basin is potentially of significant regional scale with indications of an emerging Ionic Clay Rare Earths precinct.

³ Refer Australian Rare Earths' (ASX:AR3) *Prospectus dated 7 May 2021*.

⁴ These results do not guarantee the same or similar levels of success on the Mitre Hill Project tenements

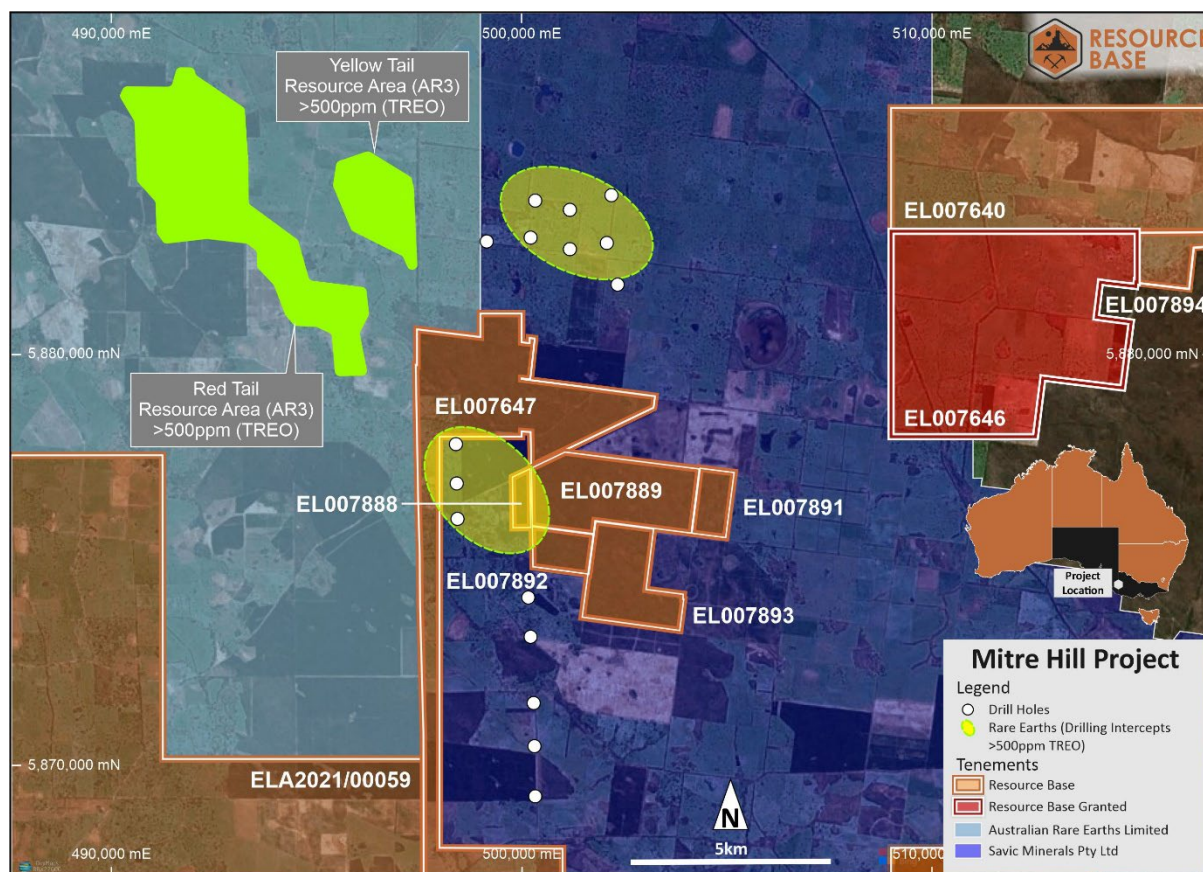


Figure 3: Map showing Mitre Hill, AR3 and Savic tenement areas, overlaid with drilling intercepts >500ppm TREO on tenements held by AR3⁵ and Savic⁶ with reference to EL007646.

RBX currently has sixteen (16) tenements, fifteen (15) applications and one (1) granted tenement the southern margin of the Murray Basin in western Victoria and one (1) application in south-eastern South Australia (refer Annexure A). The areas targeted by these applications are considered by the Company to have significant potential to host Ionic Clay Rare Earth mineralisation.

The Company has a significant land holding in the southern margin of the Murray Basin and believes it is very well positioned to play a key role in the emerging Ionic Clay Rare Earths precinct that is potentially of global significance.

– ENDS –

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

For further information please visit our website – www.resourcebase.com.au



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⁵ Refer Australian Rare Earths' (ASX:AR3) Prospectus dated 7 May 2021 and announcement on 19 January 2022 "Recent Drilling Confirms Significant Regional Prospectivity of Koppamurra" for AR3 drill hole data.

⁶ Refer TSX Venture Exchange (TSXV) listed company Lions Bay Capital Inc (TSXV: LBI) announcement on 20 January 2022 "Lions Bay Capital Inc. provides an Update on Savic Exploration" for Savic drill hole data.



About Resource Base Ltd

Resource Base Ltd (ASX:RBX) is an Australian based mineral exploration company focused on the development of highly prospective exploration projects with demonstrated potential for scalable discoveries.

Black Range Project

The Black Range Project (124km²) in Victoria's premier porphyry and VHMS target district, the Mount Stavelly Volcanic Complex (MSVC) in Western Victoria, captures three fault-bound segments of the MSVC volcanics with a combined strike length of approximately 55kms. The Project includes the advanced Eclipse prospect, which is prospective for copper, gold and zinc.

The MSVC is considered an analogue of the Mt Read Volcanics in Tasmania, which is host to a number of world-class VHMS deposits (Rosebery, Hellyer, Que River), the giant Mt Lyell Cu-Au deposit, and the Henty Au deposit. Numerous other targets, including Anomaly F, Honeysuckle, Anomaly K and Mt Bepcha are associated with MSVC rocks across the tenement but have seen little work to date.

Petrological studies indicate that important VHMS style hydrothermal alteration and is well developed on the Eclipse prospect. Resource Base will utilise systematic geophysics, drilling and geochemical analyses combined with petrological and hyperspectral SWIR alteration mapping to vector towards zones with high mineralisation potential as identified from comparison with known VHMS deposits in the Mt Read Volcanics and around the world.

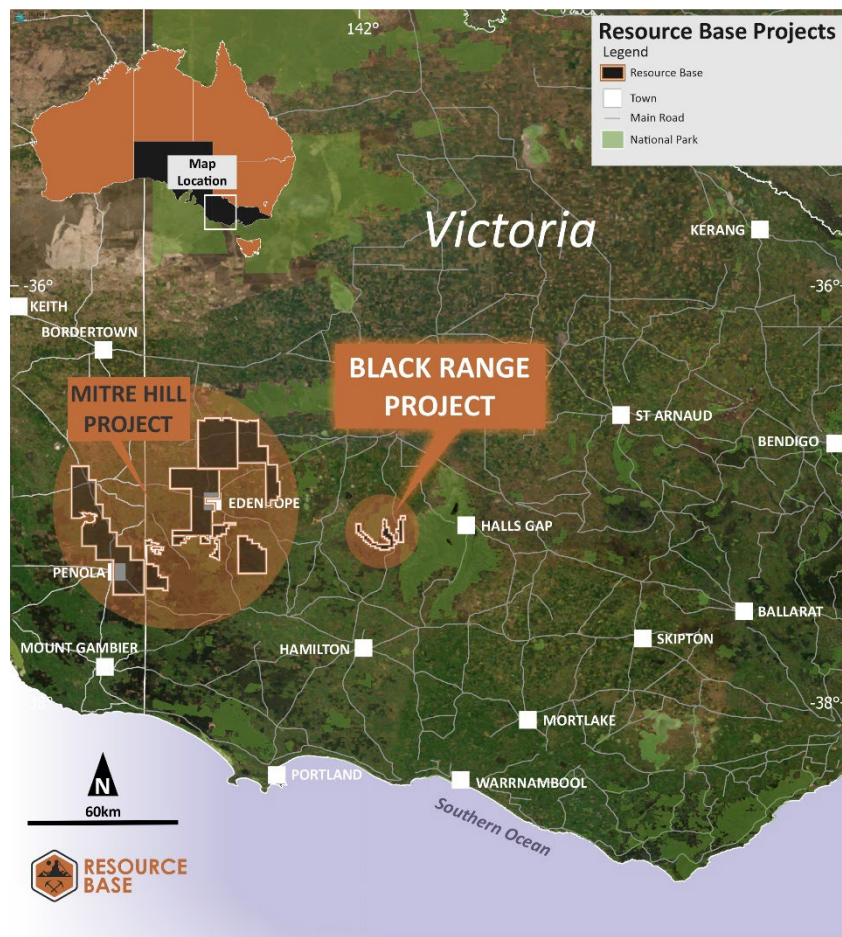
Mitre Hill Project

The Mitre Hill tenements account for 2,649km² that are prospective for ionic clay hosted Rare Earth Elements (REE) within the southern margin of the Murray Basin, the Project consists of one (1) granted tenement and fifteen (15) applications in Victoria and one (1) application in South Australia.

Upon granting of all tenements Mitre Hill will hold the 2nd largest position within a potential emerging Ionic Clay Rare Earth precinct located in the southern margin of the Murray Basin across Victoria and South Australia.

The licence and applications are located in the southern margin of the Murray Basin on the South Australian and Victorian state Border near the towns of Naracoorte, Penola and Edenhope. The largest and most prospective Application, ELA 2021/00059, runs approximately in a line, covering over 40km of strike length, from the towns of Naracoorte and Penola in South Australia.

The main economic target is ionic clay hosted REE deposits, with possible economic concentrations of Heavy Rare Earths considered strategically important given global supply modelling. The Applications are located over the transition from the concluding phases of the Loxton - Parilla strandlines to the more broadly spaced Bridgewater formation in South Australia and Victoria. A significant archive of historical exploration data has been acquired by the Company, including drilling results, numerous government studies and minor private exploration.





Forward Looking Statements

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward-looking words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “continue”, and “guidance”, or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, performance, and achievements to differ materially from any future results, performance, or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management’s good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company’s business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company’s business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company’s control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events, or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements, or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

Competent Person Statement

The information in this report which relates to Exploration Results is based on, and fairly represents, information compiled by Mr Ian Cameron. Mr Cameron is a Member of the Australian Institute of Geoscientists (AIG) and an employee of the Company. Mr Cameron has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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’ (the JORC Code). The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcement. Mr Cameron consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.



Annexure A: Resource Base Tenements

Black Range Project Tenements

Victoria Tenements	Tenement Size (km ²)	Date Granted
EL4590	124	14 February 2017

Mitre Hill Project Tenements

Victoria Tenements	Tenement Size (km ²)	Application Date	Date Granted
EL007640	490	23 July 2021	
EL007641	103	11 June 2021	
EL007646	28	22 June 2021	8 November 2021
EL007647	30	11 June 2021	
EL007888	6	2 March 2022	
EL007889	15	2 March 2022	
EL007891	6	2 March 2022	
EL007892	4	2 March 2022	
EL007893	9	2 March 2022	
EL007894	6	2 March 2022	
EL007895	13	2 March 2022	
EL007896	24	2 March 2022	
EL007897	44	2 March 2022	
EL007898	204	2 March 2022	
EL007899	353	2 March 2022	
EL007900	456	2 March 2022	
South Australia Tenement	Tenement Size (km ²)	Application Date	Date Granted
ELA 2021/00059	810	28 May 2021	

**Annexure B: Collar Details of Drillholes (GDA94 MGA54)**

Hole ID	Type	Depth	Easting	Northing	RL	Dip	Azim
MHAC220001	AC	21	514748	5880808	147	-90	0
MHAC220002	AC	24	514243	5880866	140	-90	0
MHAC220003	AC	15	513741	5880925	127	-90	0
MHAC220004	AC	21	509019	5881278	140	-90	0
MHAC220005	AC	12	509174	5880859	135	-90	0
MHAC220006	AC	12	509351	5880388	138	-90	0
MHAC220007	AC	12	509531	5879924	142	-90	0
MHAC220008	AC	12	509702	5879455	134	-90	0
MHAC220009	AC	12	509882	5878985	135	-90	0
MHAC220010	AC	12	510036	5878581	130	-90	0
MHAC220011	AC	12	509030	5878266	136	-90	0
MHAC220012	AC	12	509564	5878197	131	-90	0
MHAC220013	AC	9	510608	5878057	130	-90	0
MHAC220014	AC	12	510979	5878016	131	-90	0
MHAC220015	AC	9	510860	5878530	135	-90	0
MHAC220016	AC	9	510959	5879530	130	-90	0
MHAC220017	AC	9	511032	5880357	133	-90	0
MHAC220018	AC	9	511455	5881121	138	-90	0
MHAC220019	AC	12	511639	5881270	136	-90	0
MHAC220020	AC	12	511918	5881168	137	-90	0
MHAC220021	AC	15	513240	5880991	134	-90	0
MHAC220022	AC	12	512758	5881050	141	-90	0
MHAC220023	AC	15	512264	5881112	140	-90	0
MHAC220024	AC	15	511297	5882999	140	-90	0
MHAC220025	AC	15	511350	5882761	135	-90	0
MHAC220026	AC	15	511397	5882421	128	-90	0
MHAC220027	AC	15	511458	5882154	132	-90	0
MHAC220028	AC	15	511506	5881903	138	-90	0
MHAC220029	AC	15	510485	5881337	129	-90	0
MHAC220030	AC	15	510235	5881369	135	-90	0
MHAC220031	AC	15	509991	5881401	136	-90	0
MHAC220032	AC	15	509747	5881431	135	-90	0
MHAC220033	AC	15	509496	5881459	135	-90	0
MHAC220034	AC	15	509246	5881502	135	-90	0