

DRILLING UNDERWAY AT LANG WELL REE TARGET

- **Aircore drilling underway at Toben Bore REE target**
- **Widespread REE anomalism and historical intersection of 4m @ 1,500ppm TREO**

Miramar Resources Limited (ASX:M2R, “Miramar” or “the Company”) is pleased to announce the commencement of aircore drilling at the Company’s 100%-owned Lang Well Project in the Murchison region of WA (“Lang Well” or “the Project”).

The Company has commenced a programme of aircore holes testing around a historical drill hole which intersected shallow REE mineralisation, including **4m @ 1500ppm TREO**.

In 2009, previous explorers at Lang Well identified several large auger anomalies in gold and Samarium (Sm), which was the only REE analysed at the time (Figure 2).

Limited follow-up aircore drilling at the in 2010 identified highly anomalous Lanthanum (La) and Cerium (Ce) results in several holes, with follow-up REE analysis of a single sample in **BADAC33** returning **4m @ 1,500ppm TREO** from 28-32m (Table 1).

No further REE analysis was conducted and no follow-up work was ever completed.

Miramar Resources Executive Chairman, Mr Allan Kelly, said the Company was looking forward to testing the potential for shallow REE mineralisation at Lang Well.

“Given the large areal extent of the auger REE anomalism, the strongly elevated La and Ce results, and the lack of any systematic REE analysis, there is potential for a significant amount of shallow REE mineralisation to be outlined at Lang Well,” he added.



Figure 1. Remains of historic aircore drilling at Toben Bore target, Lang Well Project.

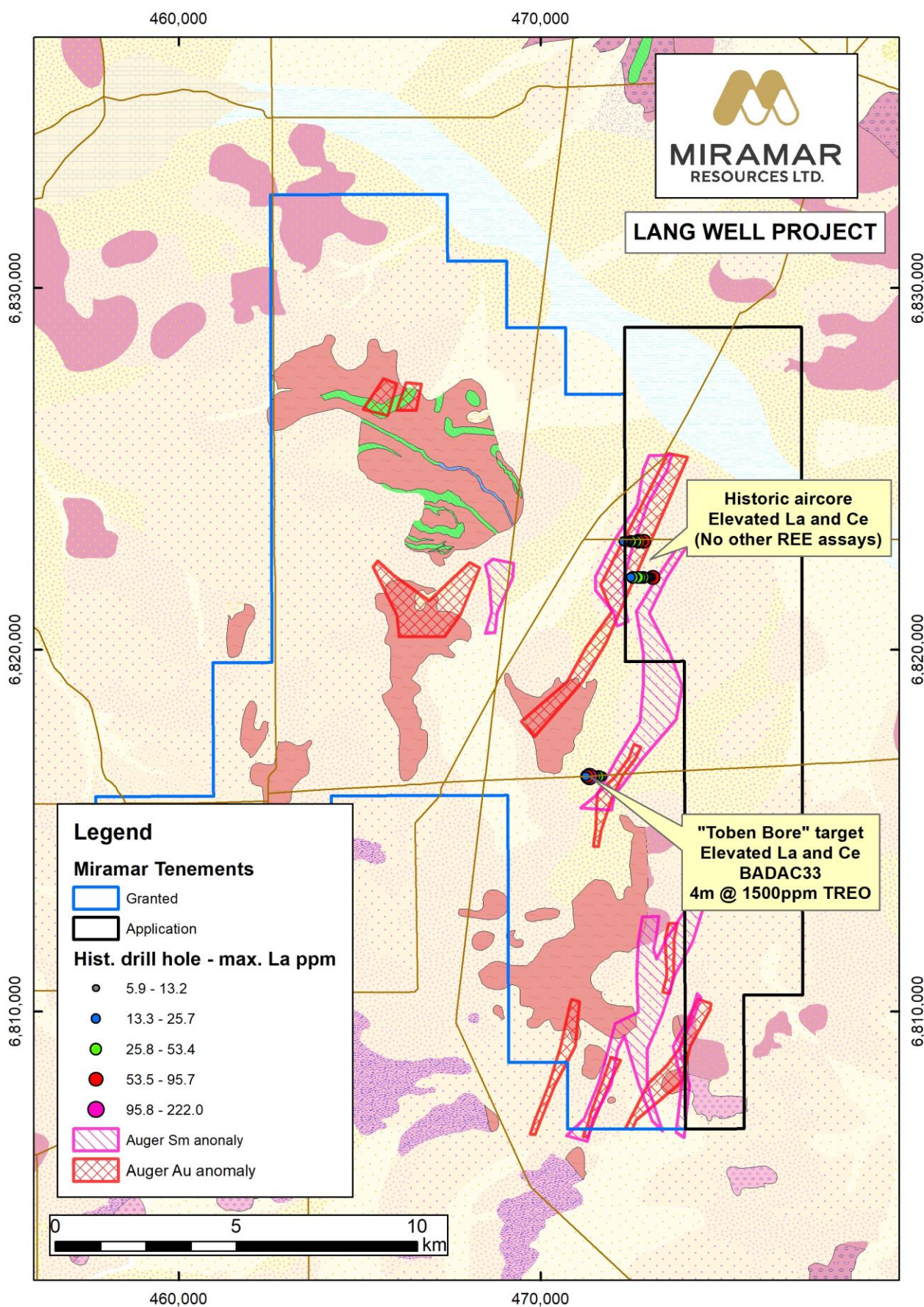


Figure 1. Lang Well Project showing GSWA outcrop geology, auger anomalism and historic drilling.

**Table 1.** Summary of REE results from 2010 drilling (Ref WAMEX a088901)

Hole	From	To	Interval	LREO (ppm)							
				La ₂ O ₃	Ce ₂ O ₃	Pr ₂ O ₃	Nd ₂ O ₃	Sm ₂ O ₃			
BADAC33	28	32	4	273	536	1	324	70			
				HREO (ppm)							
				Eu ₂ O ₃	Gd ₂ O ₃	Tb ₂ O ₃	Dy ₂ O ₃	Ho ₂ O ₃	Er ₂ O ₃	Tm ₂ O ₃	Yb ₂ O ₃
				23	67	9	49	8	19	3	15
				Other Oxides (ppm)							
				Y ₂ O ₃	Sc ₂ O ₃	Th ₂ O ₃					
				380	82	2					

For more information on Miramar Resources Limited, visit the Company's website at www.miramarresources.com.au, follow the Company on social media (Twitter @MiramarRes and LinkedIn @Miramar Resources Ltd) or contact:

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This announcement has been authorised for release by Mr Allan Kelly, Executive Chairman, on behalf of the Board of Miramar Resources Limited.

COMPETENT PERSON STATEMENT

The information in this report that relates to Exploration Targets or Exploration Results is based on information compiled by Allan Kelly, a "Competent Person" who is a Member of The Australian Institute of Geoscientists. Mr Kelly is the Executive Chairman of Miramar Resources Ltd. He is a full-time employee of Miramar Resources Ltd and holds shares and options in the company.

Mr Kelly has sufficient experience that is relevant to the style of mineralisation and type of deposits 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 Kelly consents to the inclusion in this Announcement of the matters based on his information and in the form and context in which it appears.

Historical exploration results for the Lang Well Project, including JORC Table 1 and 2 information, is included in the Miramar Prospectus dated 4 September 2020.

Recent exploration results, including JORC Table 1 and 2 information, is included in the following ASX Releases:

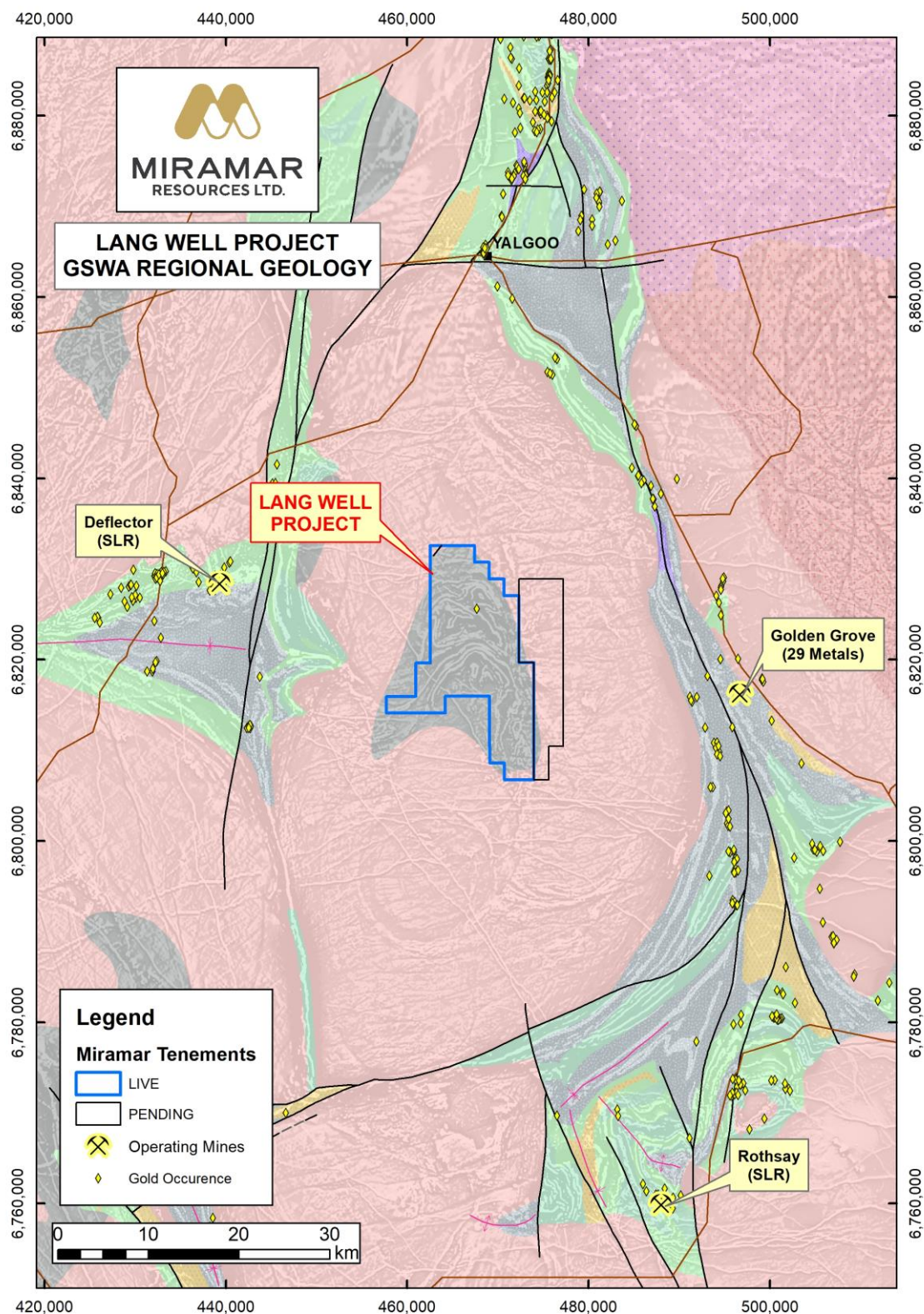
- 20 September 2022 – "Large REE Targets Identified at Lang Well Project"
- 17 June 2022 – "Lang Well Project - Exploration Update"
- 21 April 2022 – "Detailed Magnetic Survey Underway at Lang Well"
- 5 April 2022 – "Multiple Pegmatites & REE Potential Identified at Lang Well"



About the Lang Well Project

The Lang Well Project is located in the Murchison region of Western Australia, roughly halfway between the Deflector and Golden Grove mining operations.

The Project consists of one granted and one pending Exploration Licence, covering 291 square km, and is considered prospective for gold and/or REE mineralisation.





About Miramar Resources Limited

Miramar Resources Limited is an active, WA-focused mineral exploration company exploring for gold, IOCG, Ni-Cu-PGE and REE deposits in the Eastern Goldfields, Murchison and Gascoyne regions of WA.

Miramar's Board has a track record of discovery, development and production within Australia, Africa, and North America, and aims to create shareholder value through discovery of high-quality mineral deposits.

