

Rare Earth Drilling Underway in Tasmania

Engage with this announcement on our interactive [Investor Hub](#)

New rare earth exploration drilling program commenced in northern Tasmania, initially to delineate potential mine areas in Deep Leads – Rubble Mound resource

Subsequent drilling across new tenements EL27/2022, EL28/2022 and EL25/2022 will test the broader potential of ABx's northern Tasmanian rare earth portfolio

New proprietary rapid testing technique will be used to rapidly assess the amount of ionic rare earths, allowing drilling program to be optimised daily rather than waiting weeks for assay results.

ABx Group Limited (ASX: ABX) (**ABx** or the **Company**) has commenced a new rare earth exploration drilling program across its northern Tasmanian tenements (Figures 1 & 2).

Drilling is initially focussed on delineation of the high quality, potentially mineable parts of the main Deep Leads–Rubble Mound resource area, including the zone used to produce the Company's initial mixed rare earth carbonate (MREC) samples that has received highly positive feedback by potential customers in Australia and North America.¹

The new exploration program is designed to build on this work by improving ABx's understanding of the in-ground mineralisation associated with the maiden MREC sample and identifying areas containing the most prospective soluble rare earth mineralisation.

The JORC-compliant resource estimate for Deep Leads – Rubble Mound and Wind Break totals 89 million tonnes² averaging 844 ppm total rare earth oxides (TREO). The resource contains 36 ppm Dy+Tb (Dy+Tb is 4.4% of TREO), the highest of any ionic clay deposit in Australia and among the highest globally.³

The resource is also highly enriched in all other heavy rare earth elements, which are subject to export restrictions by China.

Figure 1: ABx drilling on old logging tracks in the pine plantation at Deep Leads



¹ ASX Announcement, 17 June 2026

² 41 Mt inferred, 42 Mt indicated and 6 Mt measured

³ ASX Announcement, 2 May 2024



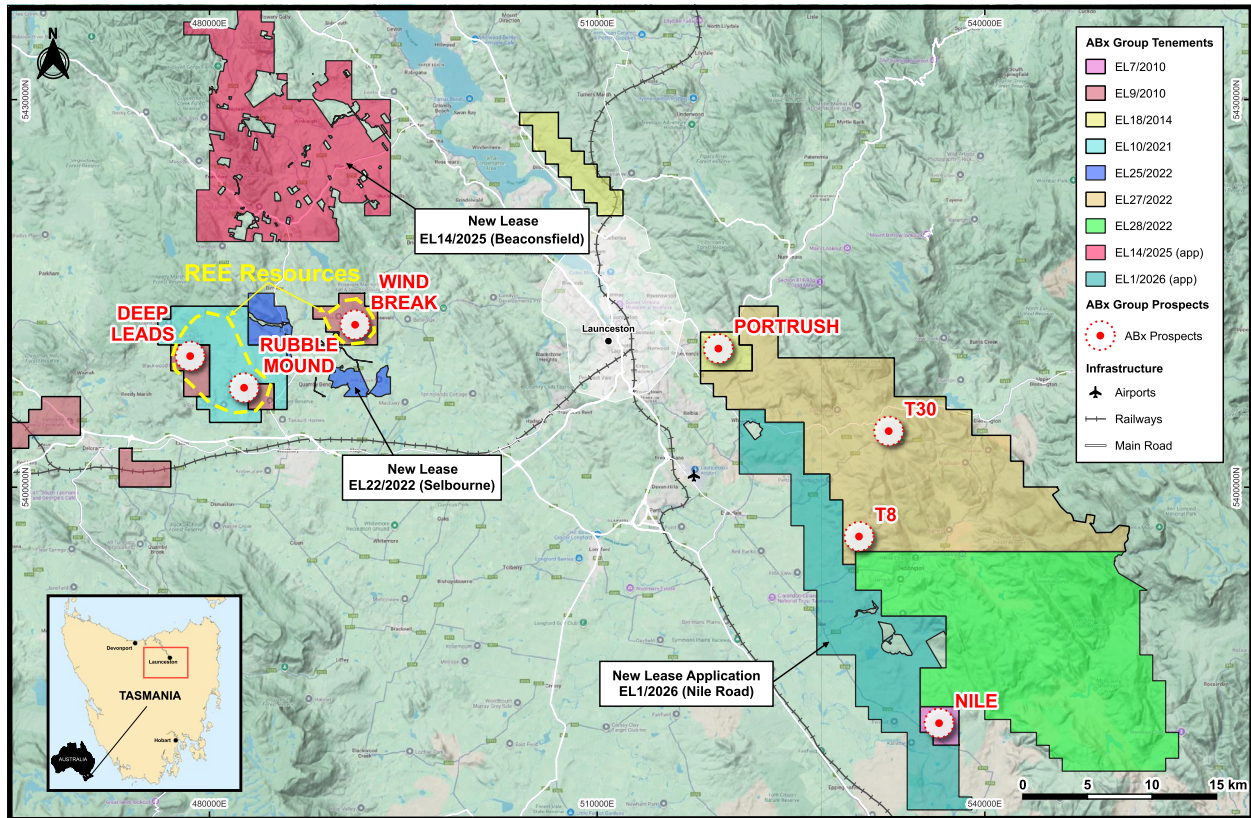


Figure 2: ABx tenements in northern Tasmania

Testing the Broader Rare Earth Province

Following the initial work at Deep Leads–Rubble Mound, subsequent stages of the exploration program are planned to test less explored areas across ABx's expanding northern Tasmanian tenement portfolio.

Further drilling is planned within EL27/2022 and EL28/2022 located 55 km east of Deep Leads, where only limited drilling has been undertaken to date.

The program includes the first drilling within newly acquired tenements, including EL25/2022, as ABx continues to evaluate the broader scale and continuity of rare earth mineralisation across its northern Tasmanian tenure.

Rapid Proprietary Testing to Guide Exploration

A key feature of the new program will be the implementation of a proprietary testing technique developed by ABx to rapidly assess the amount of ionic rare earths within exploration samples. Using standard leach tests, results are not known until assay results are received, which typically takes a few weeks. The ABx testing technique immediately produces a representative indication of the amount of ionic rare earths, as part of in-house leach tests conducted at ABx's research lab near Launceston Airport. This will allow ABx's exploration team to use results generated during the program to refine and optimise the drilling program on a daily basis, which will lead to a more efficient and effective exploration program.

This technology is also designed to be used for grade-control drilling during production.

Dr Mark Cooksey, Managing Director and CEO of ABx Group, commented:

"This program is an important next step in our rare earth strategy. We already have a substantial resource at Deep Leads–Rubble Mound and Wind Break, and our focus is increasingly turning to understanding where the highest-quality and most readily extractable mineralisation occurs within that broader resource.

"We will also be applying new techniques that allow us to rapidly assess the amount of ionic rare earths during the exploration program. This means our exploration team can use the information being generated to optimise the program on a daily basis and focus activity on the areas showing the greatest potential.

"Beyond Deep Leads–Rubble Mound, there remains considerable exploration potential across our broader tenement package. We have undertaken only limited drilling across several areas and will progressively test these as the program advances.

"Our objective is to better define and understand the best parts of the resource we already have, while continuing to test the potential for further discoveries across our northern Tasmanian rare earth portfolio."

This announcement is approved for release by the board of ABx Group Limited.

Go to the ABx [Investor Hub](#) to watch a video of this announcement and ask any questions of management.

For further information please contact:

Dr Mark Cooksey

MD & CEO

ABx Group

+61 447 201 536

mcooksey@abxgroup.com.au

www.abxgroup.com.au

Media

Chapter One Advisors

David Tasker / Alex Baker

+61 433 112 936 / +61 432 801 745

dtasker@chapteroneadvisors.com.au /

abaker@chapteroneadvisors.com.au

About ABx Group Limited

ABx Group is developing heavy rare earths, hydrogen fluoride and bauxite projects in Australia.

ABx is a uniquely positioned Australian company delivering materials for a safer, cleaner future. The three priority projects are:

- **Heavy rare earths:** Supplying light and heavy rare earths from Tasmania into Western supply chains
 - Maiden mixed rare earth carbonate produced and positive feedback received from multiple customers
 - Processing Options Analysis conducted in partnership with external experts

- **Clean fluorine chemical production:** Producing hydrogen fluoride from aluminium smelter by-product (ALCORE)
 - Continuous pilot plant under construction in Bell Bay, Tasmania
- **Near-term bauxite production:** Mining bauxite for the aluminium, cement and fertiliser industries
 - Agreements executed with Good Importing International for bauxite projects in Queensland and New South Wales, and \$2.7 million initial payment has been received
 - Approvals well advanced for DL130 bauxite project in northern Tasmania

ABx endorses best practices on agricultural land and strives to leave land and environment better than we find it. We only operate where welcomed.

Disclaimer Regarding Forward Looking Statements

This ASX announcement (Announcement) contains various forward-looking statements. All statements other than statements of historical fact are forward-looking statements. Forward-looking statements are inherently subject to uncertainties in that they may be affected by a variety of known and unknown risks, variables and factors which could cause actual values or results, performance, or achievements to differ materially from the expectations described in such forward-looking statements.

ABx does not give any assurance that the anticipated results, performance, or achievements expressed or implied in those forward-looking statements will be achieved.

Competent Persons Statement

The information in this report that relate to Exploration Information and Mineral Resources are based on information compiled by Ian Levy who is a member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Levy is a qualified geologist and a director of ABx Group Limited.

Mr Levy 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. Mr Levy has consented in writing to the inclusion in this report of the Exploration Information in the form and context in which it appears.