



CEO Presentation at Gold Coast Investment Showcase

In accordance with the requirements of Listing Rule 3.1 we submit the attached material being presented at the Gold Coast Investment Showcase being held at the Ruby Spa - Surfers Paradise Marriott Resort & Spa, Level 1/158 Ferny Ave, Surfers Paradise QLD on 23 June 2021.

Mr Ian Levy, CEO is making the presentation at 12.30 pm on Wednesday 23 June 2021.

Shareholders and the public are welcome to attend our exhibition and presentation.

For further information please contact:

Ian Levy, CEO and MD Australian Bauxite Limited

Telephone: +61 (0) 2 9251 7177

Mobile: +61 (0) 407 189 122

ASX Release authorised by Ian Levy, CEO and MD

Australian Bauxite Limited

ABx

Exploration



*Rare earth elements
discovery*



Technology
ALCORE



Production



Shipments



L5 52 Phillip Street Sydney 2000 Australia
Phone: +61 2 9251 7177
E: corporate@australianbauxite.com.au

Ian Levy CEO
Mobile: +61 407 189 122
E: ilevy@australianbauxite.com.au

Corporate Overview

ASX code ABX

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Listed	24 Dec 2009 @ \$0.20
Current Issued shares	182 million
Options	31.5 million @ \$0.20
52 week range	\$0.8-\$0.155
Average daily volume	200,000
Market cap (@ \$0.115)	\$19.1 million
Cash @ 20 June '21	\$3.3 million
Shareholders	1,864

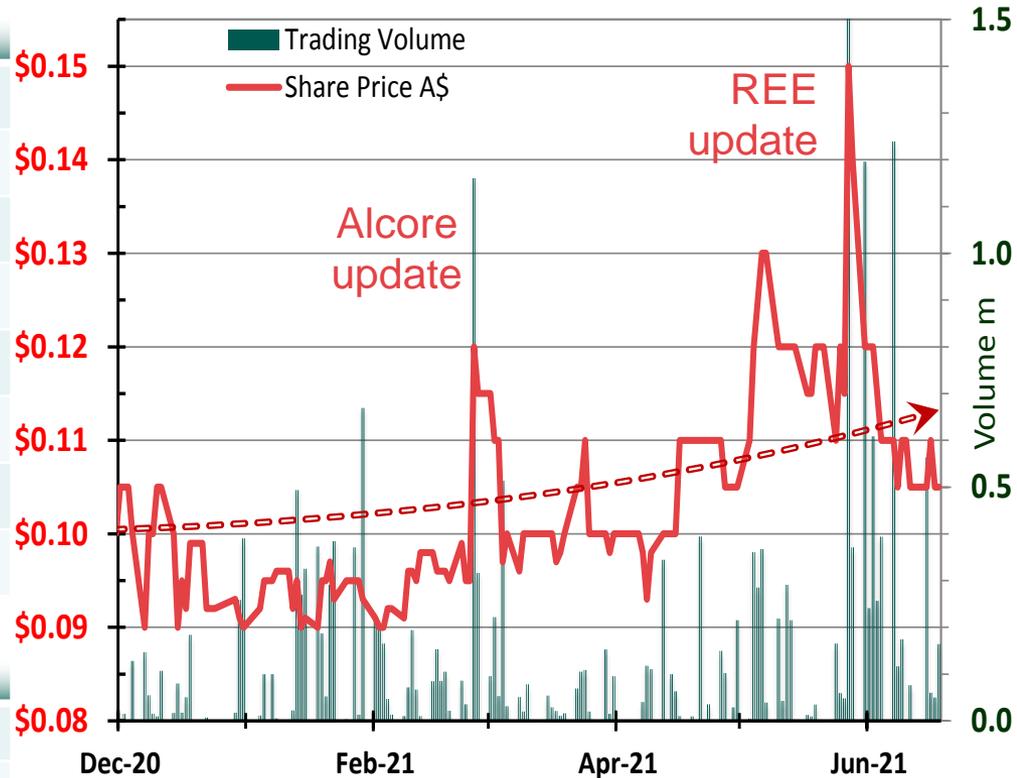
Board of Directors & Management

Paul Lennon ¹	Chairman
Ian Levy	Managing Director & CEO
Ken Boundy ²	Non-Executive Director
Henry Kinstlinger	Company Secretary
Leon Hawker	Chief Operating Officer
Paul Glover	Logistics & Exploration
Dr Mark Cooksey ³	CEO Alcore Limited

¹ Ex-Premier of Tasmania

² Investor in Tasmania tourism industry. Holds senior public positions

³ Ex-Rio Tinto Alcan & Ex-CSIRO Minerals



Major Shareholders	Shares	%
Justevian Pty Limited	5.9 m	3.2
Yarraandoo Pty Ltd	5.6 m	3.1
WSF Pty Ltd	5.2 m	2.9
Top 20 shareholders	60.5 m	33.3
Remainder	121.3 m	66.7

Resources = 137 million tonnes bauxite



Forward Looking Statement

Whilst based on information from sources considered reliable, Australian Bauxite Limited (**ABx**), its directors, employees and consultants do not represent, warrant or guarantee, expressly or impliedly, that the information in this document and presentation is complete or accurate. To the maximum extent permitted by law, ABx disclaims any responsibility to inform any recipient of this document and presentation of any matter that subsequently comes to its notice, which may affect any of the information contained in this document and presentation.

Competent Person Statement

Information herein relating to Exploration Results, Mineral Resources and Exploration Targets is based on information compiled by Ian Levy BSc, MSc, who is a Fellow of the Australasian Institute of Mining and Metallurgy and a Fellow of the Australian Institute of Geoscientists. Mr Levy is employed by ABx as Chief Executive Officer. Mr Levy has more than five years experience relevant to the style of mineralisation and type of deposit being reported and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the JORC Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. This report is issued with the prior written consent of the Competent Person as to the form and context in which it appears.

The information in this report relating to Mineral Resources was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

Direct Shipping Ore

In this presentation all references to direct shipping ore (DSO) refers to the company's exploration objective of defining DSO grade mineralisation. The potential quantity and grade of exploration targets is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

Business Focus 2021-22

ALCORE Australian technology to make Aluminium Fluoride “AlF₃”

- Alcore’s \$1.5 million Pilot Plant & design production plant. Build in 2022.
- Alcore will be Australia’s first producer of aluminium fluoride AlF₃ which is an essential strategic ingredient in Aluminium Smelting. There are no substitutes.
- Australia is the only significant Aluminium producer without an AlF₃ plant
- Chinese sales of AlF₃ to Australia have been **reduced to zero**

ABx Rare Earth Elements Discovery (“REE”)

- \$300,000 drilling campaign to confirm ABx’s large REE province, Tasmania
- Super Magnet REEs for electric vehicles, wind turbines, phones & military
- Water soluble REE can be mined cheaply, quickly, if proved to be eco-safe
- ABx’s environmental excellence & R&D will help ABx deliver this REE project

2 New Bauxite Mines – Tas & QLD

- New long-term mine in Tasmania to produce cement-grade bauxite
- New 20-year bauxite mine at Binjour, 115km inland of Bundaberg QLD fully funded by Indian bauxite producer partner to supply aluminium industries in India, China and Australia

AlF₃ Markets Strong

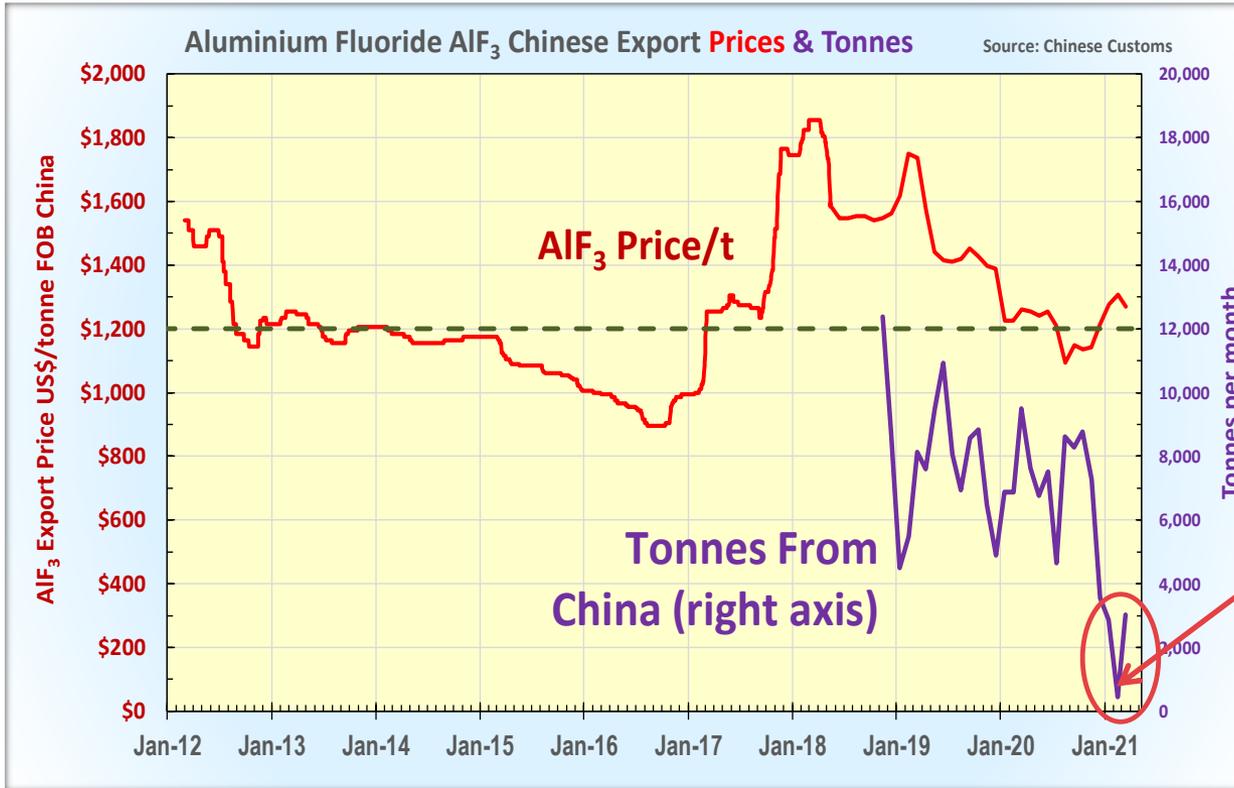


Key market issues

2020: Australasia imported **26,352 tonnes** AlF₃ from China @ **US\$1,192/t**

2021: Chinese supply fell to **ZERO**

Australasia must become self-sufficient in AlF₃ to avoid smelter closures



- Alcore costs US\$600 to US\$800/t AlF₃
- Long-term price ~US\$1,200/t AlF₃ → US\$400 to US\$600/t operating margin
- Capex \$20 million for **initial** 10,000 tpa module
- Initial 10,000 tpa plant can achieve EBITDA \$5m to \$8m pa
- 60,000 tpa final plant can achieve EBITDA \$50m pa

Alcore strategically important



Alcore's \$2.5 million AlF_3 research lab

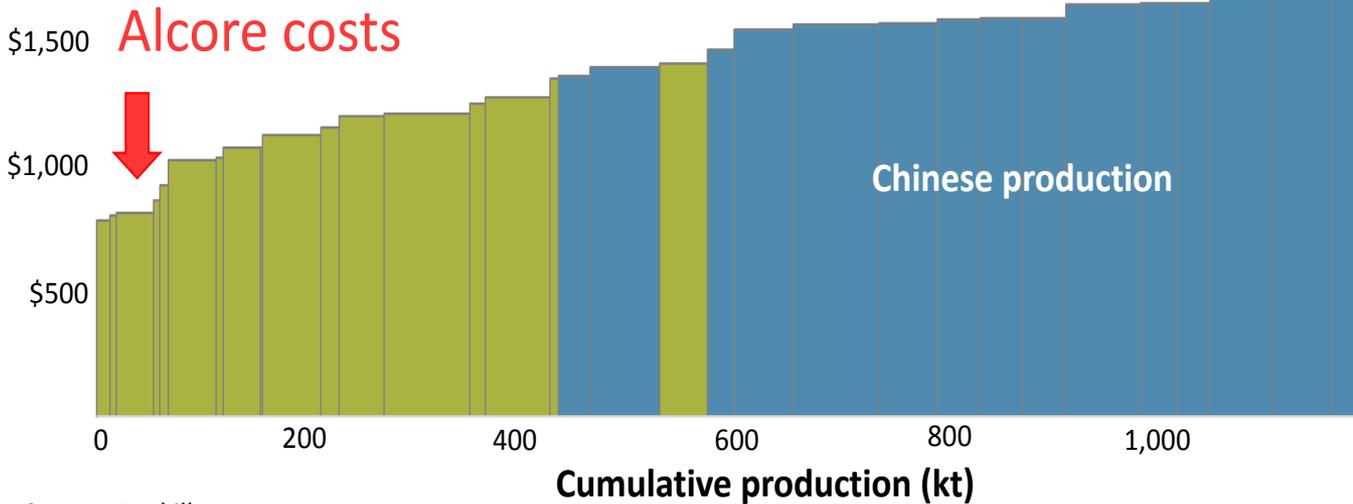
Recycle wastes



ALCORE
Aluminium
Fluoride

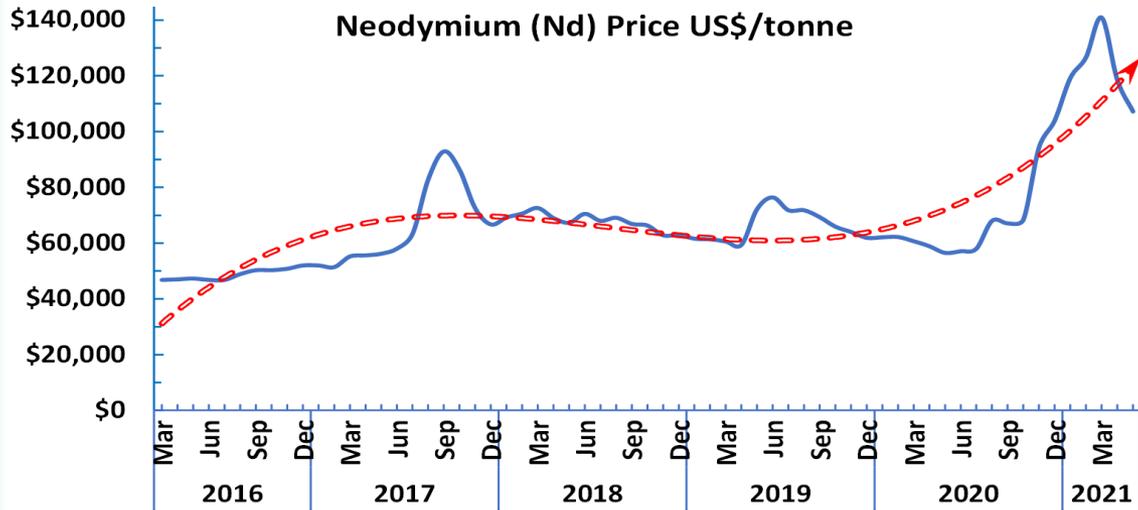


Alcore low cost producer: US\$/t AlF_3



Security of supply for Australasia

ABx's Super-Magnets REE markets strong



Key issues

Super-magnet REE elements are essential for electric vehicles, wind turbines, smart phones & military.

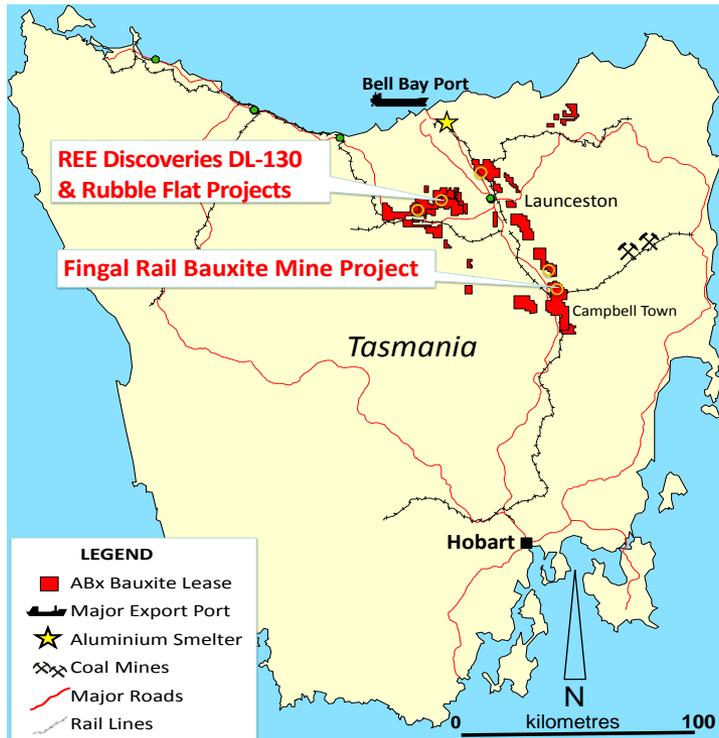
China controls REE markets

Australia emerging fast

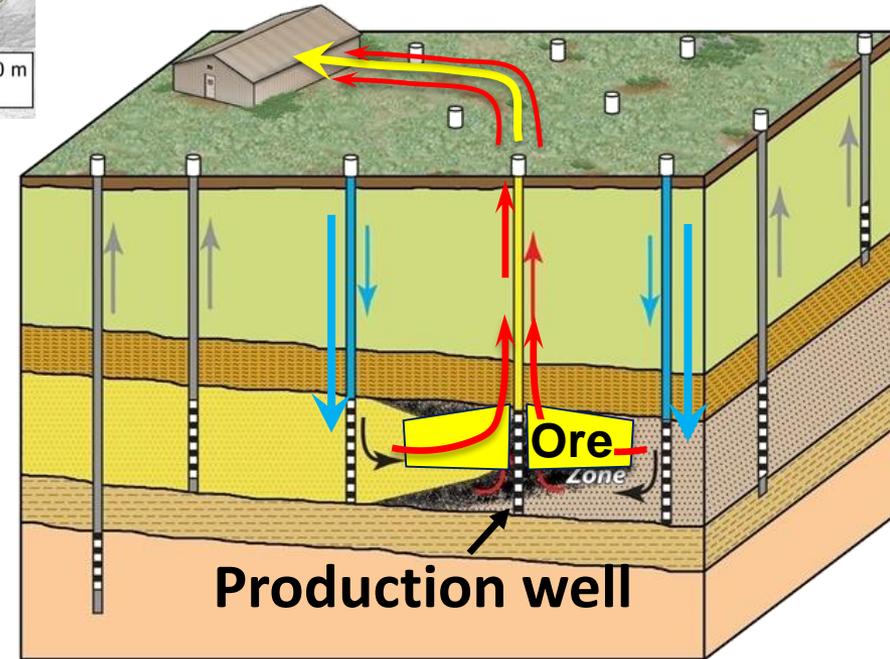
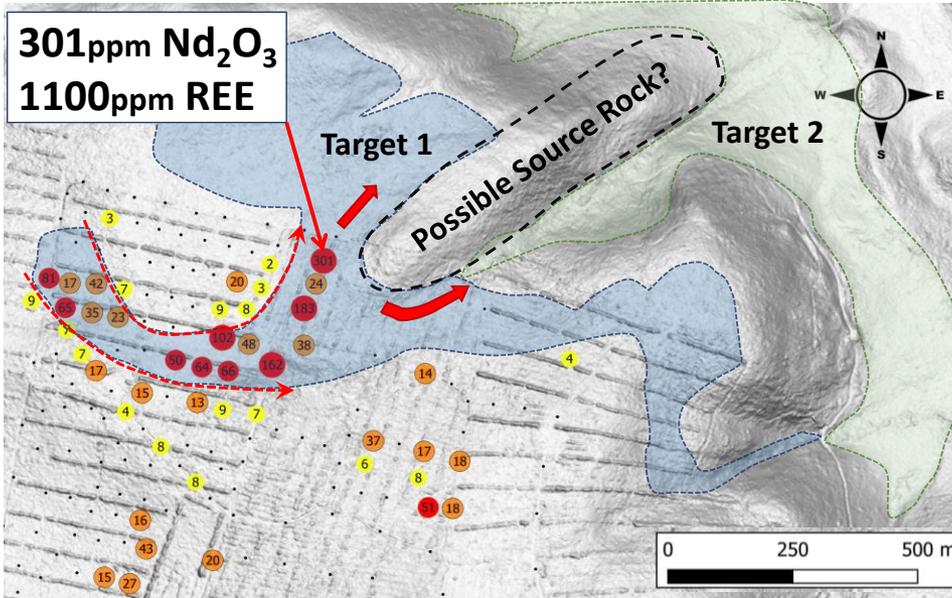
ABx discovered main super-magnet REE Neodymium Nd in its Nth Tas bauxite areas

ABx's REE is water-soluble, recoverable by heap leaching or by in-situ leaching if eco-friendly

ABx's environmental excellence will help deliver



ABx's REE exploration potential is expanding



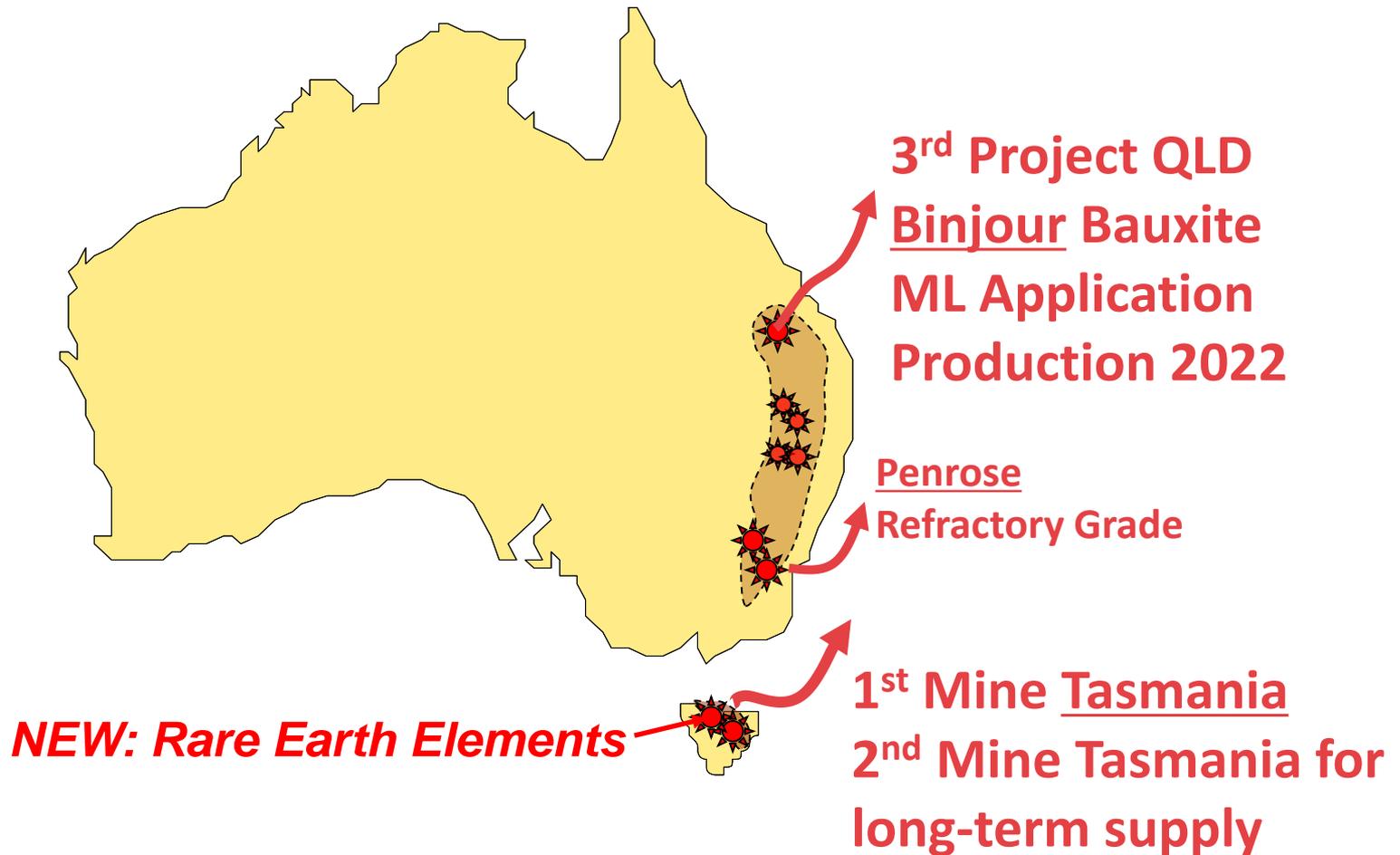
ABx's Strategy is:

1. Explore for Neodymium Nd
2. Water-soluble REE deposits for quick, low cost development
3. In suitable land settings
4. Honour ABx's paramount policy to leave land better & only operate where welcome

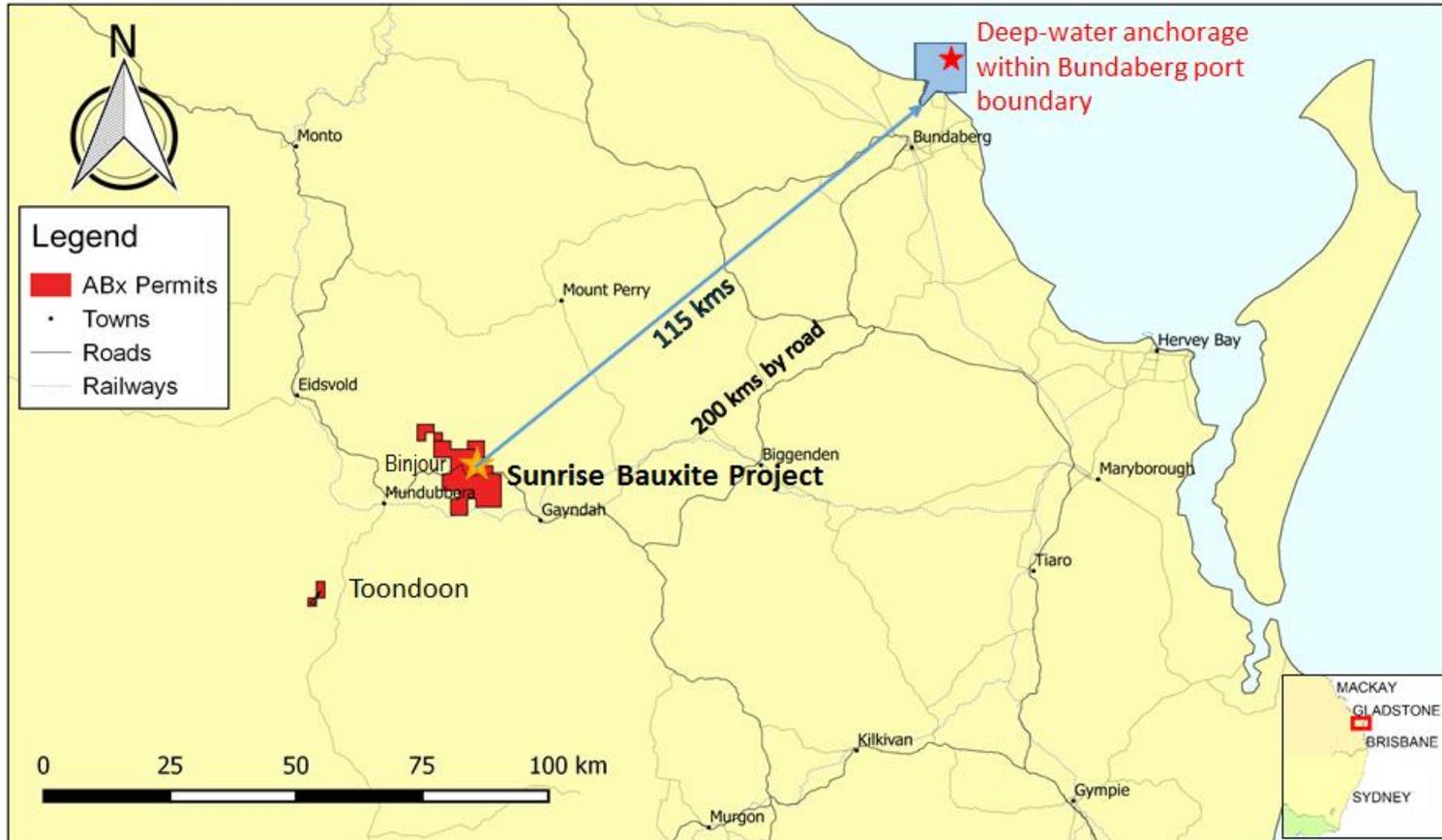


Bauxite: New ABx mine in Tasmania 2021 QLD Project 2021-22

Total ABx Bauxite Resources 137 million tonnes



Binjour Project, QLD: ABx's largest deposit



Shipping from Bundaberg has **no reef impact**. Barge-load 110,000t ships.

QLD's best trihydrate gibbsite bauxite 37m tonnes resource

Target product: +44% Al_2O_3 & -5% SiO_2

\$15-\$20m project funded by 50:50 JV partner Rawmin

Rehabilitation to high standard



**Bald Hill
Mine
Workings**



**Bald Hill
mined out
area 2 years
later**

Good Landholder Relations

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

