

RARE



Super-charging our rare earths growth strategy in 2021

NEW partners and NEW opportunities
at a time of rising REE prices

121 Mining Investment APAC | March 2021

Jeremy Robinson | Managing Director

Disclaimer & Competent Person Statement



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Competent Person Statement: The information in this presentation relating to the Mineral Resource estimate for the Cummins Range Rare Earths Project is extracted from the Company’s ASX announcement entitled ‘*Globally Significant Maiden Resource of 13Mt at 1.13% TREO*’ as updated by the ASX announcement entitled ‘*Update to Mineral Resource Estimate Announcement*’, both released on 15 October 2019. REE confirms that it is not aware of any new information or data that materially affects the information included in the previous announcements and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the previous announcements continue to apply and have not materially changed.

This announcement has been authorised for release by the Board of RareX Limited. For further information, please contact Jeremy Robinson, Managing Director, on +61 8 6143 6720 or info@rarex.com.au.

- **Strategically located asset:** 100% owned Cummins Range Rare Earths Project in Western Australia – Tier-1 mining jurisdiction
- **Significant maiden JORC 2012 Inferred Rare Earths Mineral Resource: 13Mt at 1.13% TREO with 22.1% NdPr**
- Assays of up to **70m at 5.4% TREO and 0.64% Nb₂O₅** from in-fill drilling in late 2021 – work now underway on Resource upgrade
- **Landmark MoU with US\$4.6B rare earths producer Shenghe Resources**
- **Rare Earths Prices surging in recent months** due to strong demand growth in green-energy industry, global trade tensions
- **High-quality exposure to Lachlan Fold Belt exploration, NSW:** 35% stake in Trundle Project with Kincora Copper (RareX owns 7.8% of Kincora)

Highly leveraged to the booming global rare earths sector, with a quality asset in a Tier-1 location, Tier-1 partners and a clear growth strategy



Corporate Snapshot



Capital Structure

| | |
|---|---------|
| ASX Code | REE |
| Share Price (16th March 2021) | \$0.135 |
| Shares on Issue | 433m |
| Market Capitalisation | \$58.5m |
| Net Cash | \$5.5m |
| Listed Investments (TSX-V: KCC and TSX-V: LL) | \$5.5m |
| Enterprise Value | \$47.5m |

Board and Management

| | |
|-------------------------|------------------|
| Chairman | John Young |
| Managing Director | Jeremy Robinson |
| Non-Executive Director | Shaun Hardcastle |
| Non-Executive Director | Cameron Henry |
| Exploration Manager | Guy Moulang |
| Consultant Metallurgist | Gavin Beer |
| Consultant Geophysicist | Jayson Meyers |

Shareholders

| | |
|-------------------------|---------------------|
| Top 40 Shareholders | ~40% |
| Number of Shareholders | ~5,200 |
| Substantial Shareholder | Simon Lee AO (5.8%) |

Share Price



End Market Applications



Electric Vehicle motors

Passenger, commercial. Electric trains and other transportation.
Approx. 1kg NdPr per EV1



Consumer electronics and appliances

Smart speakers, computer speakers, headphones, fridges, air conditioners.



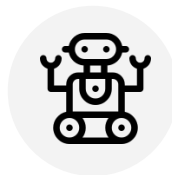
Automotive parts and sensors

Micromotors, sensors, speakers



Wind generation

Electricmotors
At least 150kg per MWs

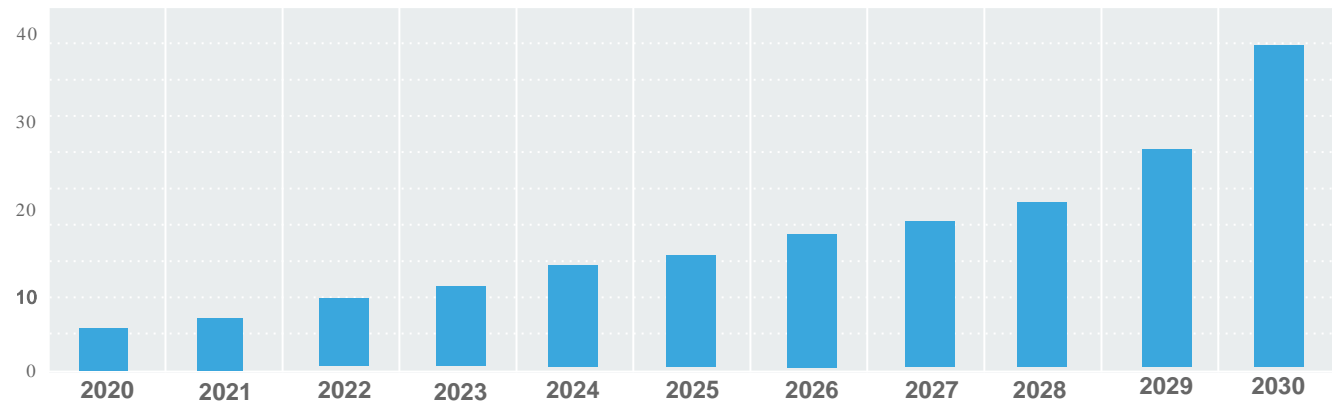


Industrial Electronics

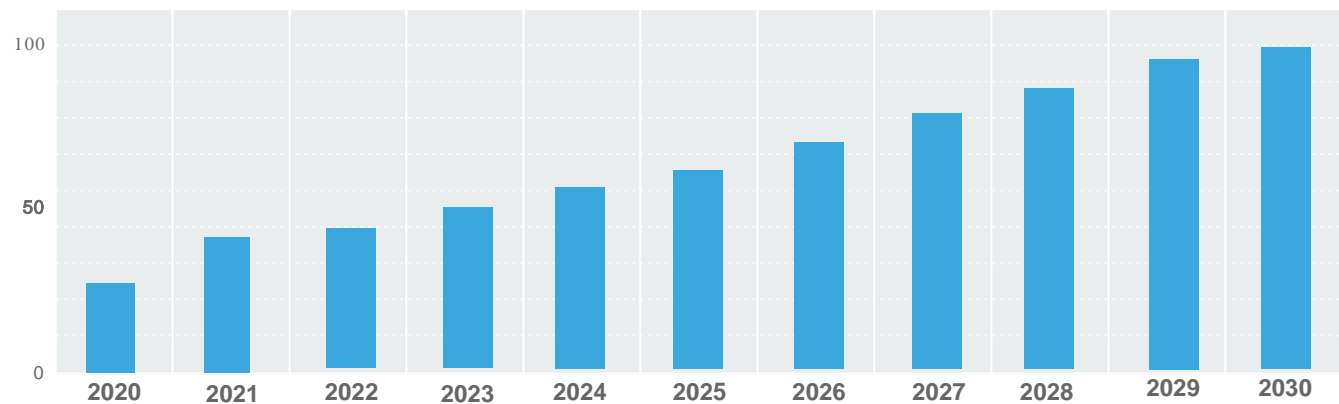
Robots, welders, elevators, escalators

Global End Market Growth

Forecast Passenger EV Sales (m)



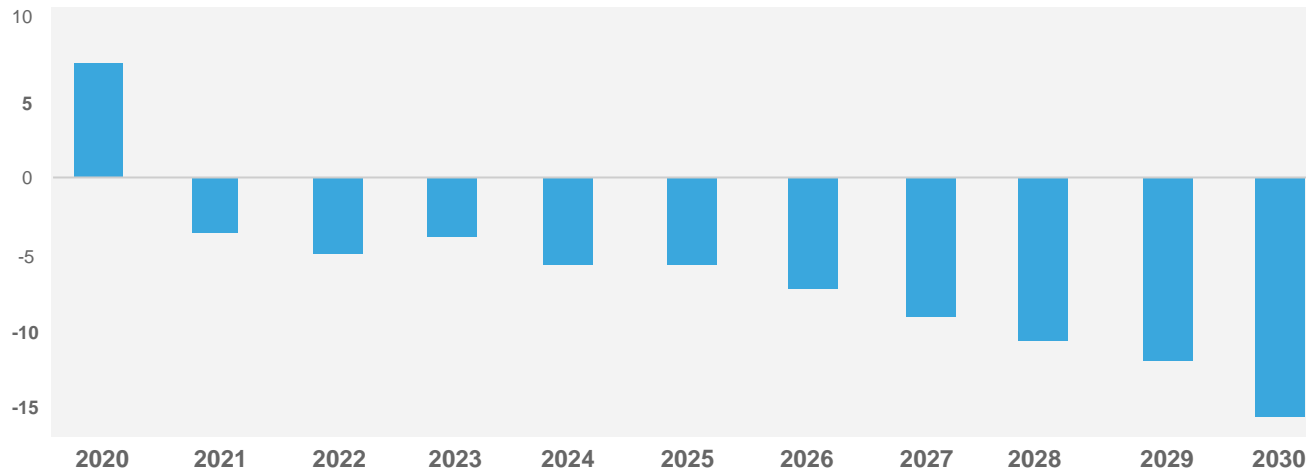
Forecast Wind Power Installation (GM)



Magnet Metals – Neodymium (Nd) Praseodymium (Pr), Dysprosium (Dy) and Terbium (Tb) Prices have risen sharply over past 3 months. These account for +90% of the potential revenue for Cummins Range.

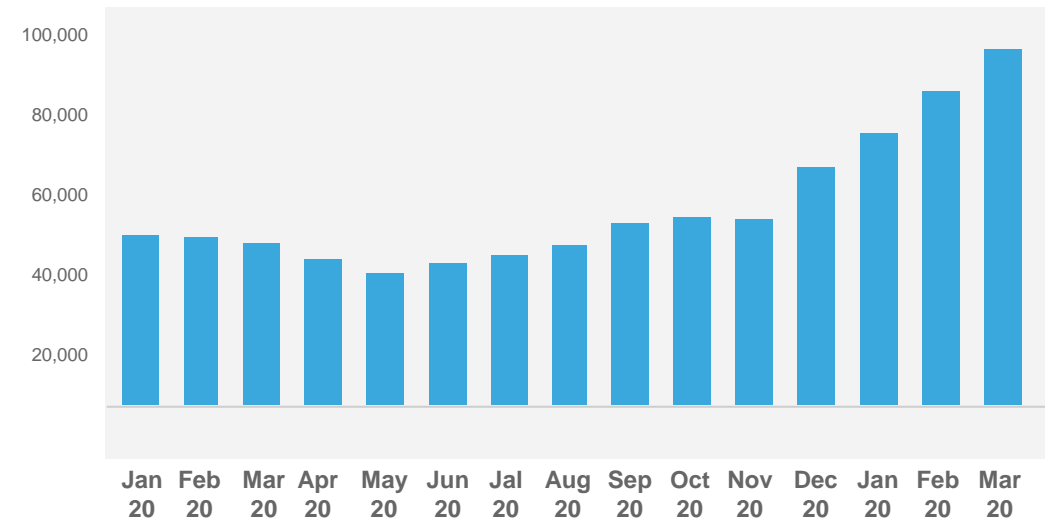
NdPr Market Balance

Forecast NdPr Oxide market balance (kt)



- + NdPr supply shortage to occur in 2022-2023
- + 2020-2030 demand growing at 9.6% p.a

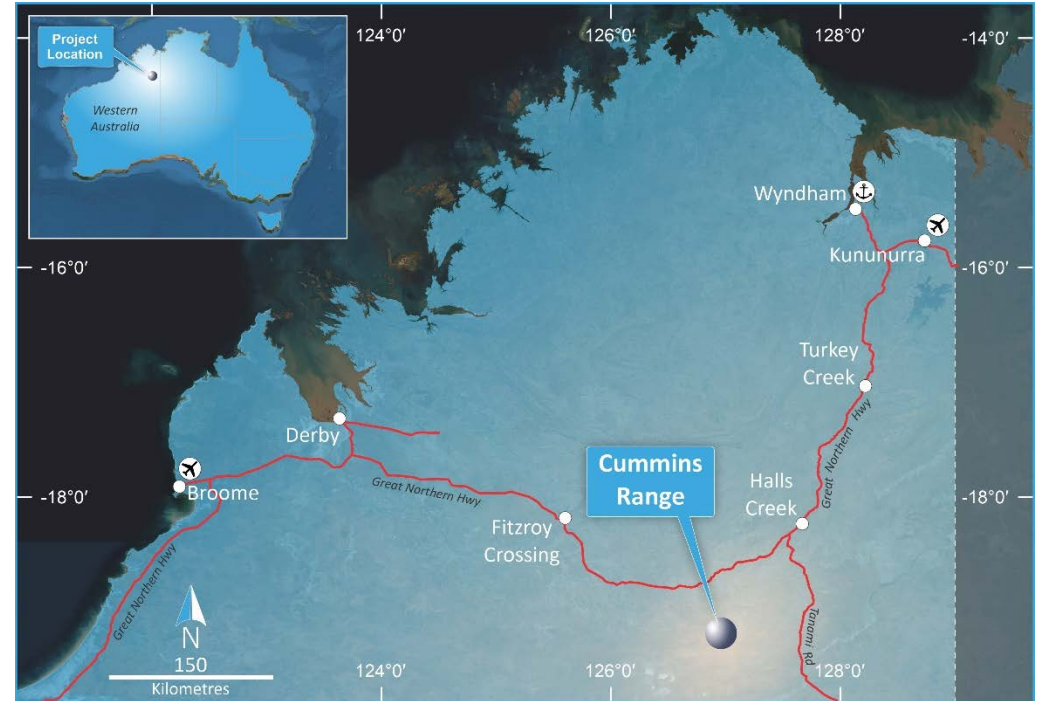
NdPr Price US\$/t



Cummins Range Rare Earths Project



- **Tier-1 mining jurisdiction:** Located in the Kimberley region of Western Australia
- **Government Support Available:** Critical Minerals Facilitation Office, NAIF EFA, etc.
- **Committed to high ESG standards:** Good relations with Kimberley Land Council
- **Good access:** Accessible via Great Northern Highway, Tanami Track and pastoral tracks, potential access to Wyndham and Darwin Ports

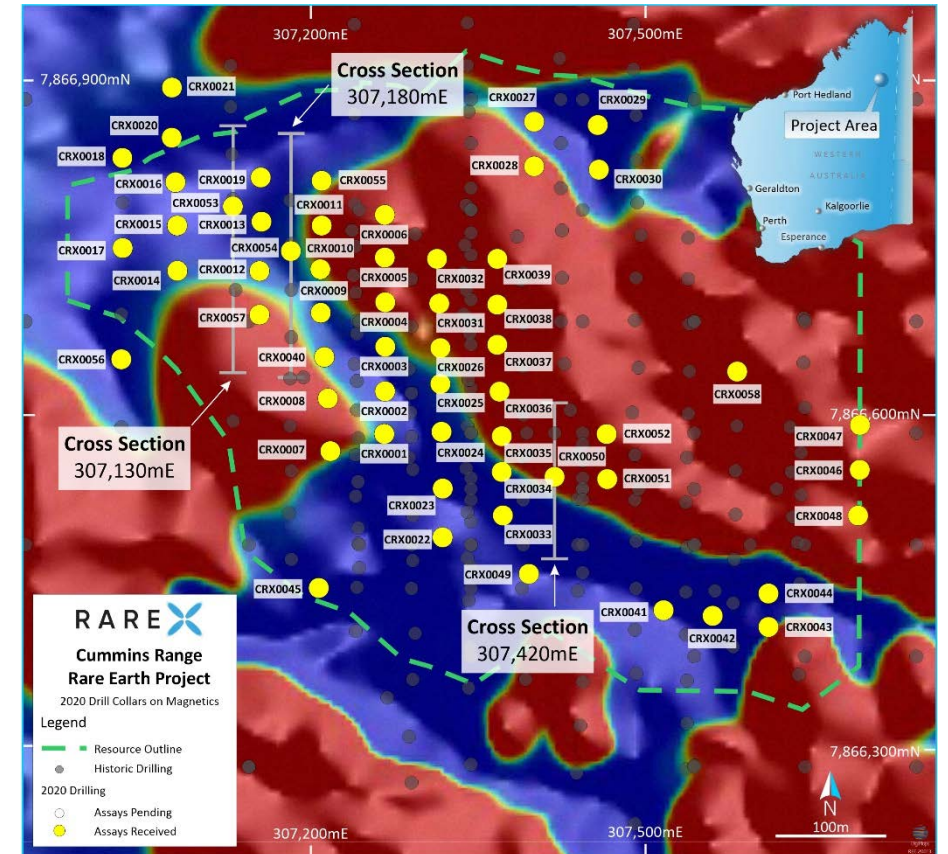


Advanced, high-quality Rare Earths Project located in a Tier-1 mining jurisdiction

Recently Completed Drill Program

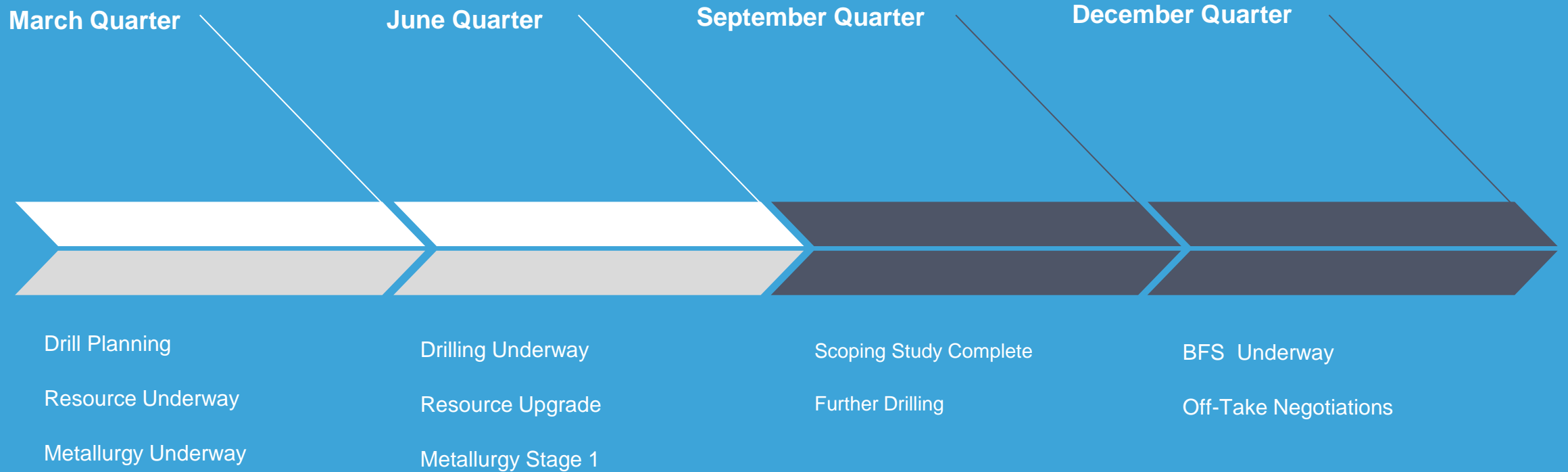


- **Recently completed 6,143m of drilling:**
 - Neodymium and Praseodymium “**NdPr**” content of **22.1%** and ultra low thorium of 50ppm ThO_2 equals premium product
 - **Weathered carbonatite** with REE mineralisation mostly hosted within laterite horizon (same at Mt Weld)
 - **Deposit outcrops** and has dimensions amenable to **low strip ratio open pit mining**
- Spectacular recent results from 2020 drill program include
 - **109m at 3.6% TREO and 0.44% Nb_2O_5**
 - **90m at 3.8% TREO and 0.29% Nb_2O_5**
 - **41m at 4.0% TREO and 0.21% Nb_2O_5**
- Recent drilling highlights high-grade NW trending channel



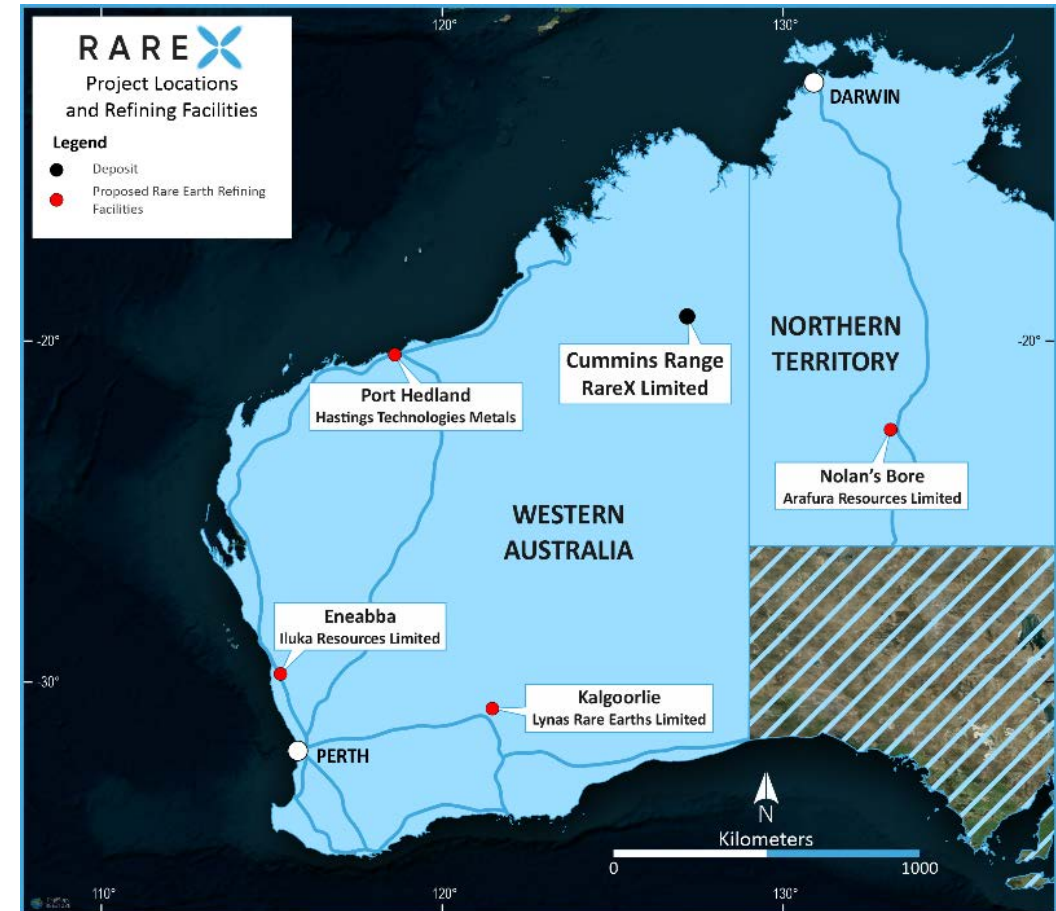


Project Timeline



- Rare Earth mineralogy dominated by monazite – the most well-understood Rare Earth Mineral from a processing perspective
- RareX consulting metallurgist Mr Gavin Beer to lead metallurgical testwork on completion of final assays
- Strategy is to produce a saleable monazite concentrate to sell to new Australian refineries and existing capacity in SE Asia and China
- This approach will significantly reduce CAPEX

Proposed Australian Refineries



RareX has a low CAPEX development strategy for Cummins Range, based on production of a monazite concentrate

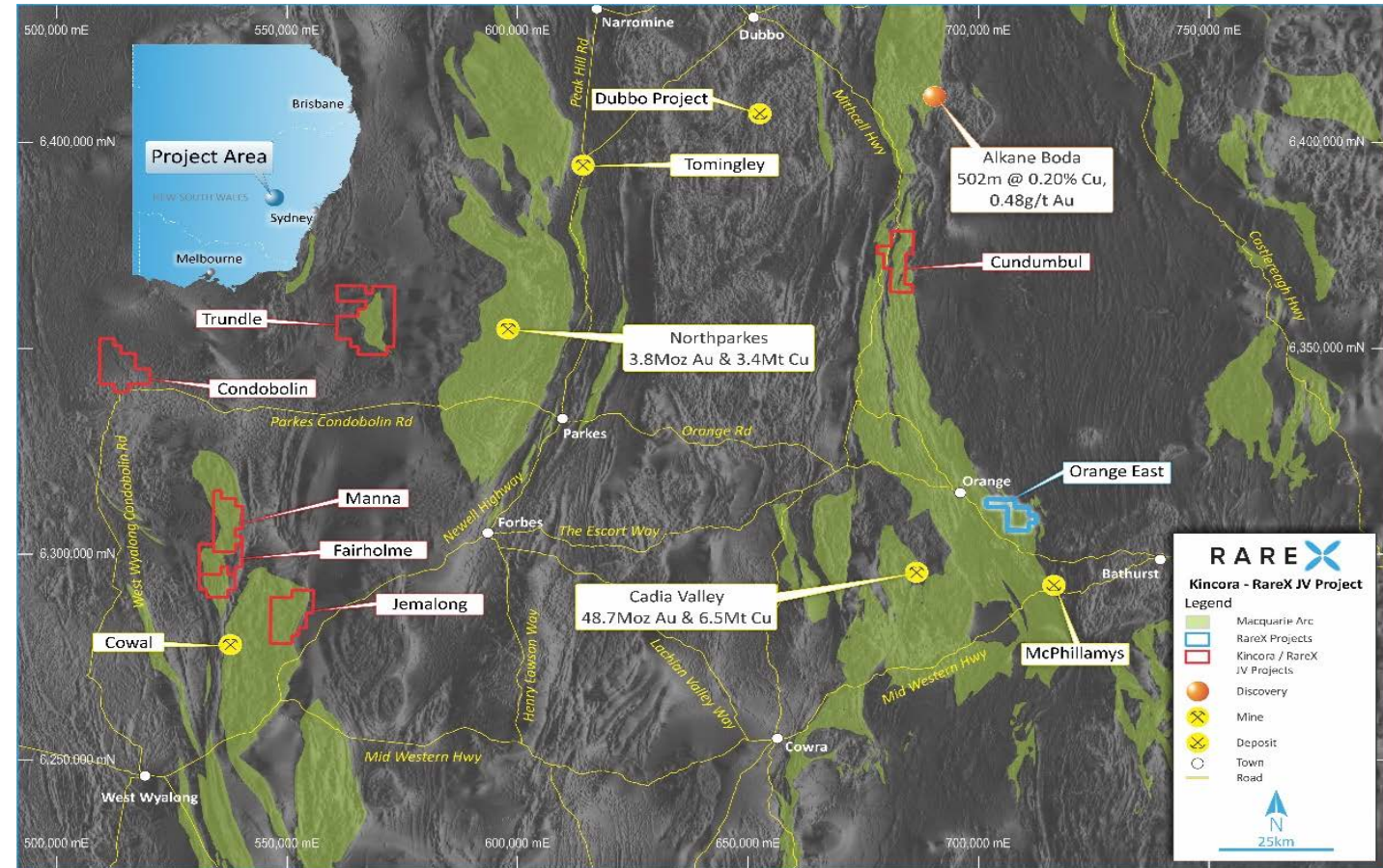


- **Shenghe Resources Holdings Co** is a vertically integrated **US\$4.6Bn global rare earths producer**, major shareholder of MP Materials and supplier to **Apple Inc.**
- **Non-Binding MoU** executed with Global Rare Earths Producer Shenghe Resources on 4th February 2021
- Establishes framework for the formation of a jointly owned **Rare Earths Trading Company** sourcing rare earths concentrates globally (ex-China)
- Potential for Shenghe investment in RareX's flagship **Cummins Range Rare Earths Project**
- **Potential for joint investment** by RareX and Shenghe in existing and proposed rare earths refineries located outside of China

NSW Copper-Gold Assets



- **RareX retains a 35% free-carried interest** over multiple projects and owns 7.8% of TSX:V-listed Kincora Copper
- Kincora currently focussing on Trundle Project with two diamond drill rigs
- **About to list on ASX with A\$8-10m raise**
- Kincora exploration led by **John Holliday, principal discoverer of the world-class Cadia deposit**
- RareX recently retained **100% ownership of Orange East Project**



- 1 **High-quality, advanced Rare Earths Project in WA**
- 2 **Recently completed major drilling program with significant assays**
- 3 **Significant global partner in Shenghe Resources**
- 4 **Rare Earths prices rising strongly**
- 5 **Free-carried in exciting NSW copper-gold exploration projects**

With a \$50.0m market capitalisation, strongly leveraged to exploration success and growth on two fronts