

Super-charging our rare earths growth strategy in 2021

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

RIU Conference Sydney | May 2021

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Competent Person Statement: The exploration results in this announcement were reported by the Company in accordance with ASX Listing Rule 5.7 on 30 September, 13 October, 19 October, 27 October, 17 November and 17 December 2020 . The Company confirms it is not aware of any new information or data that materially affects the information included in the previous announcements. 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 and updated on 26 May 2020. 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 presentation has been authorised for release by the Managing Director of RareX Limited. For further information, please contact Jeremy Robinson at info@rarex.com.au or +61 (08) 6143 6720.

Investment Overview

- **Strategically located asset**: 100%-owned Cummins Range Rare Earths Project in WA – 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% Nb_2O_5** from in-fill drilling in late 2020 – work now underway on Mineral Resource upgrade
- **High-impact drill program set to begin this month** targeting depth extensions to the Resource
- **High-quality exposure to Lachlan Fold Belt exploration, NSW**: 35% stake in Trundle Project with Kincora Copper (RareX owns 7.0% of Kincora)
- **Cosmos Exploration Limited set to IPO** – spin-off of non-core gold, PGE assets





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 (4th May 2021)	$0.10
Shares on Issue	433m
Market Capitalisation	$43.3m
Net Cash	$4.5m
Listed Investments (ASX: KCC and TSX-V: LL)	$4.5m
Enterprise Value	$34.3m

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

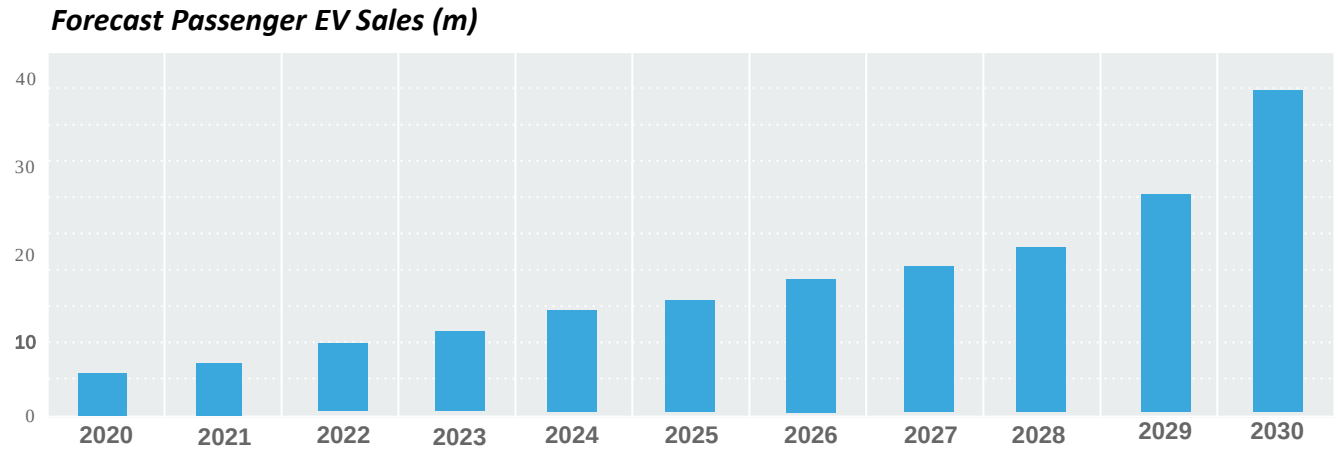


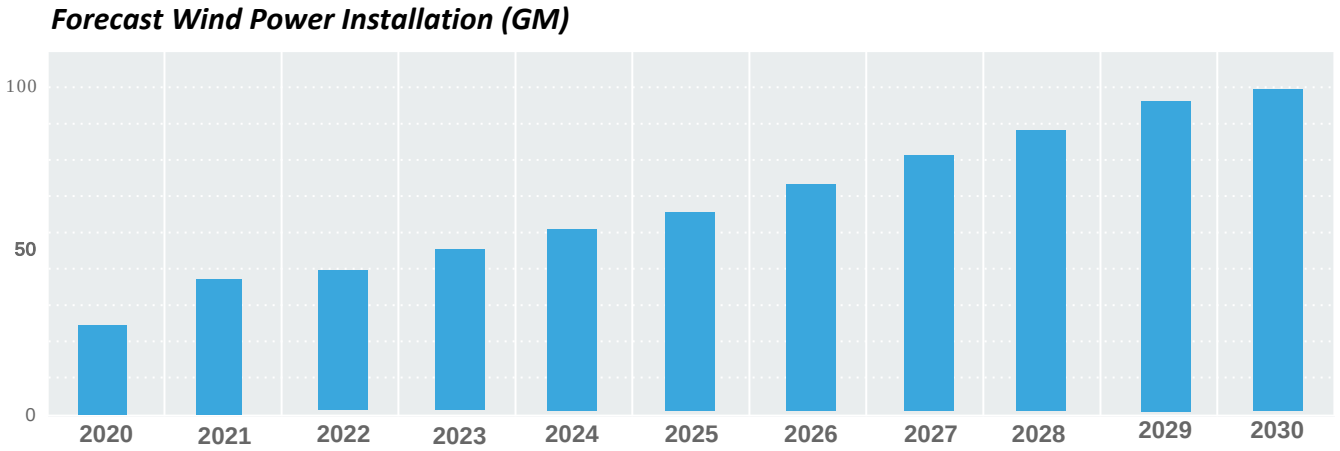
Rare Earths Market

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	**Electric motors** **At least 150kg per MWs**
Industrial Electronics	**Robots, welders, elevators, escalators**

Global End Market Growth





Rare Earths Prices on the Rise

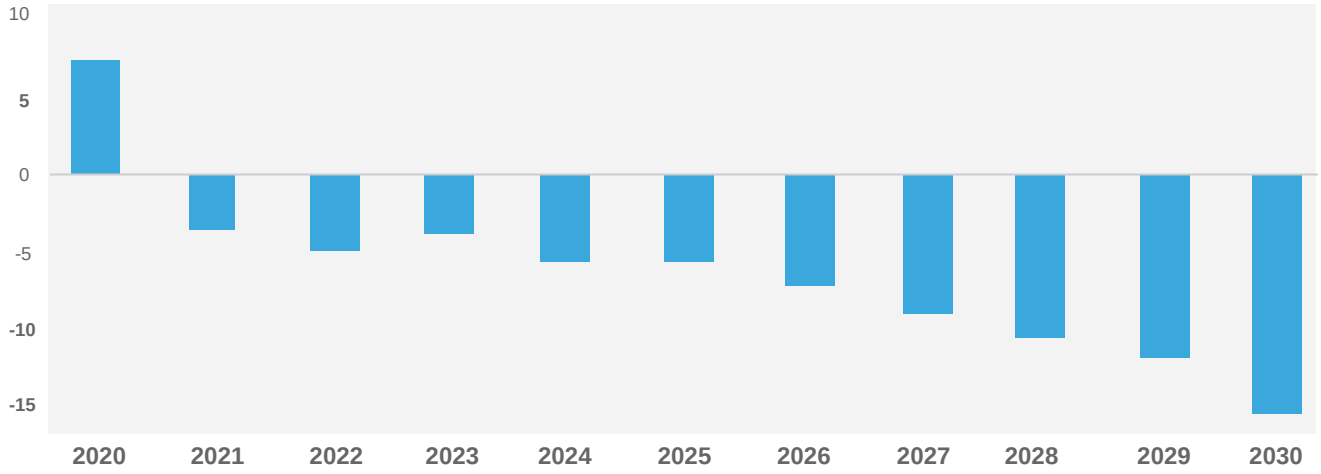
Magnet Metals – Neodymium (Nd) Praseodymium (Pr), Dysprosium (Dy) and Terbium (Tb) Prices have risen sharply over past 6 months. These account for +90% of the potential revenue for Cummins Range.

60 Nd Neodymium

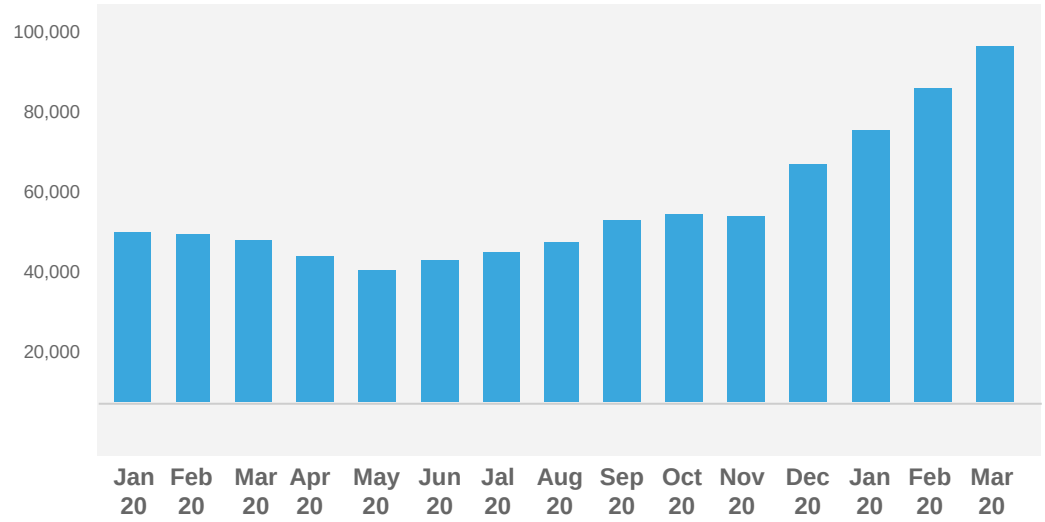
59 Pr Praseodymium

NdPr Market Balance

Forecast NdPr Oxide market balance (kt)



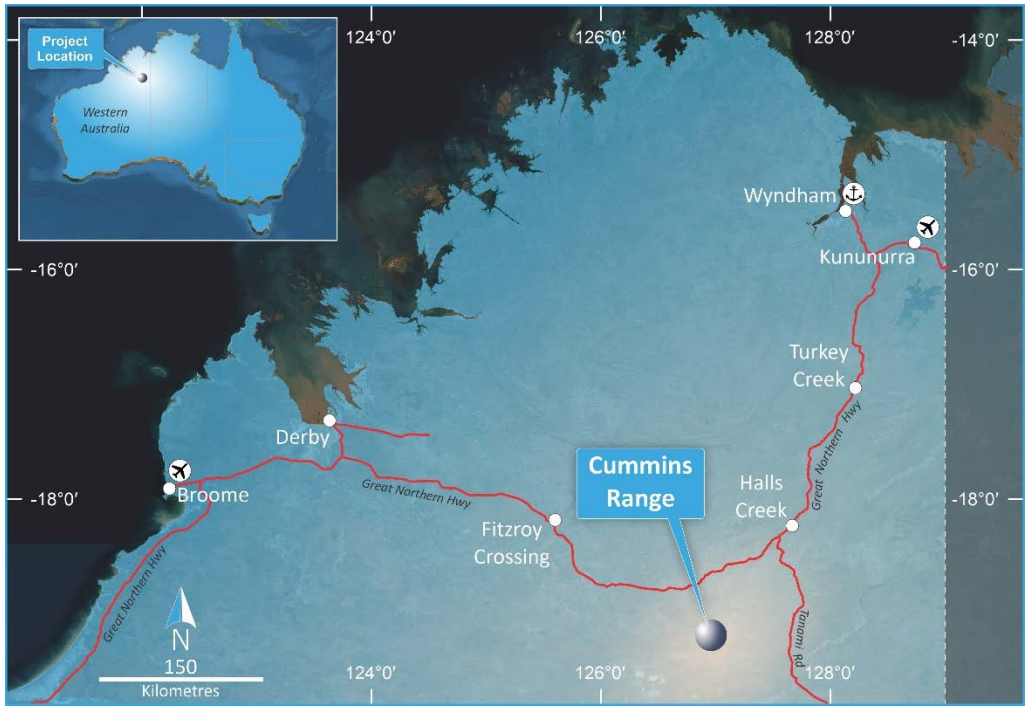
NdPr Price US$/t



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

Cummins Range Rare Earths Project

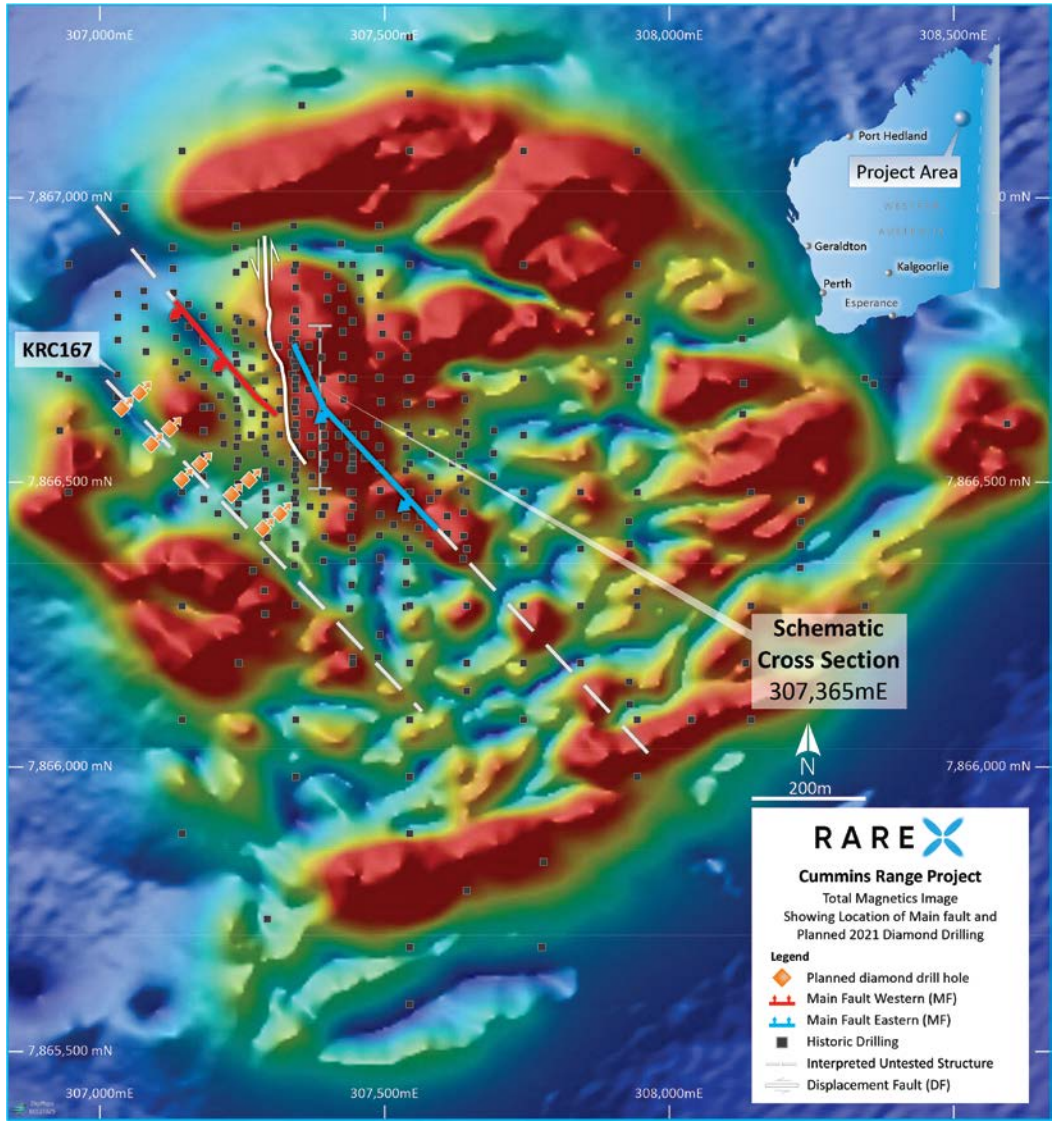
- **Tier-1 mining jurisdiction**: Located in the Kimberley region of Western Australia
- **Government Support Available:** Critical Minerals Facilitation Office, NAIF EFA, etc.
- **Committed to high ESG standards:** Good relations with Kimberley Land Council
- **Good access:** Accessible via Great Northern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

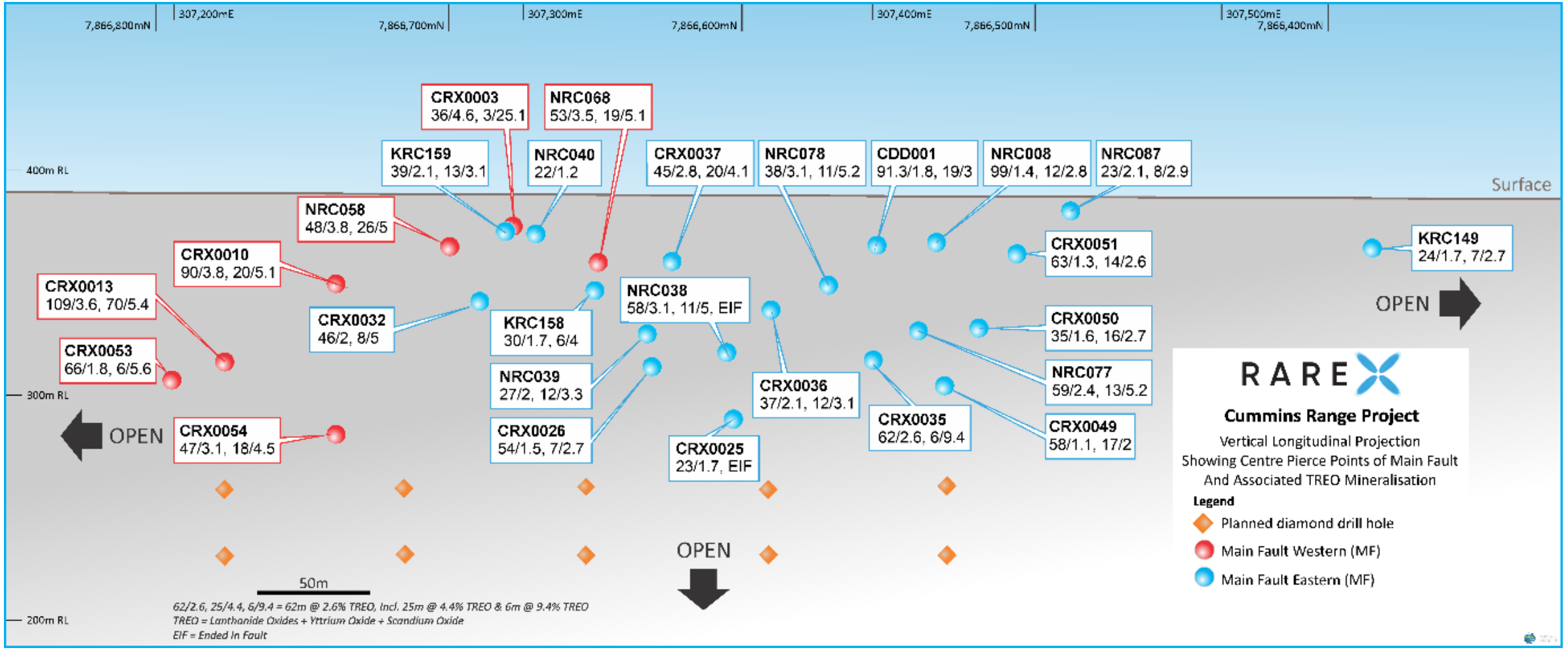
Previous Drill Program

- **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**
- Drilling highlights high-grade NW trending channel and potential for high grade depth extension to be targeted in upcoming drill program

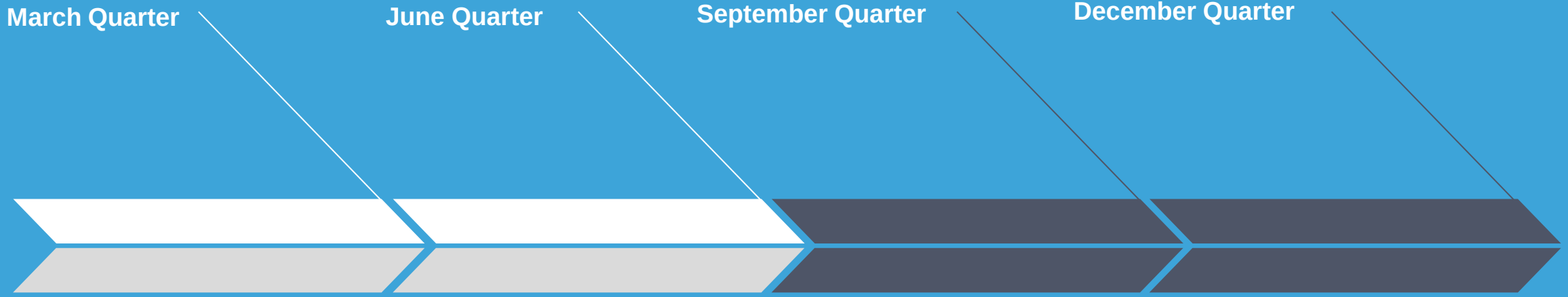


Drilling set to Commence in May 2021

- **Mineralisation open in all directions….significant upside to be targeted with next round of drilling**



Project Timeline



Drill Planning

Resource Underway

Metallurgy Underway

Drilling Underway

Resource Upgrade

Metallurgy Stage 1

Scoping Study Complete

Further Drilling

PFS Underway

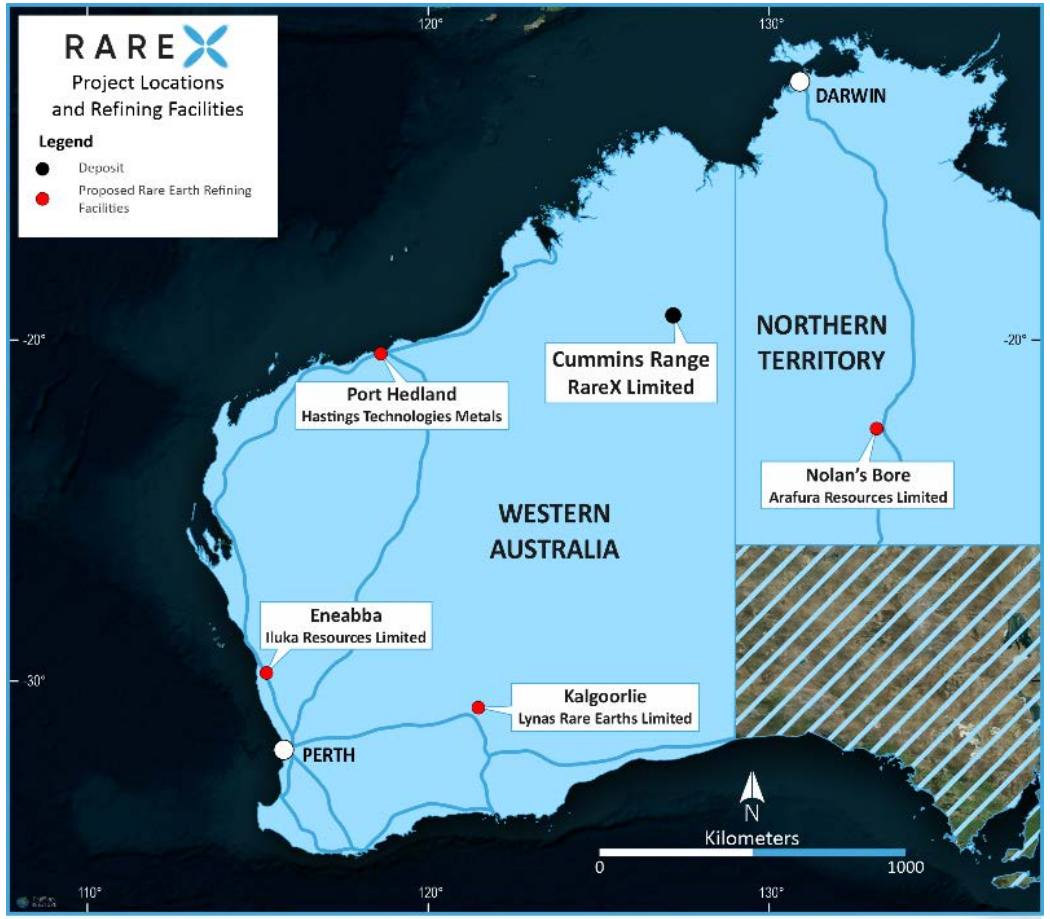
Off-Take Negotiations

Commercialisation – Low Capital Strategy

- 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

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

Proposed Australian Refineries



MoU with Shenghe Resources

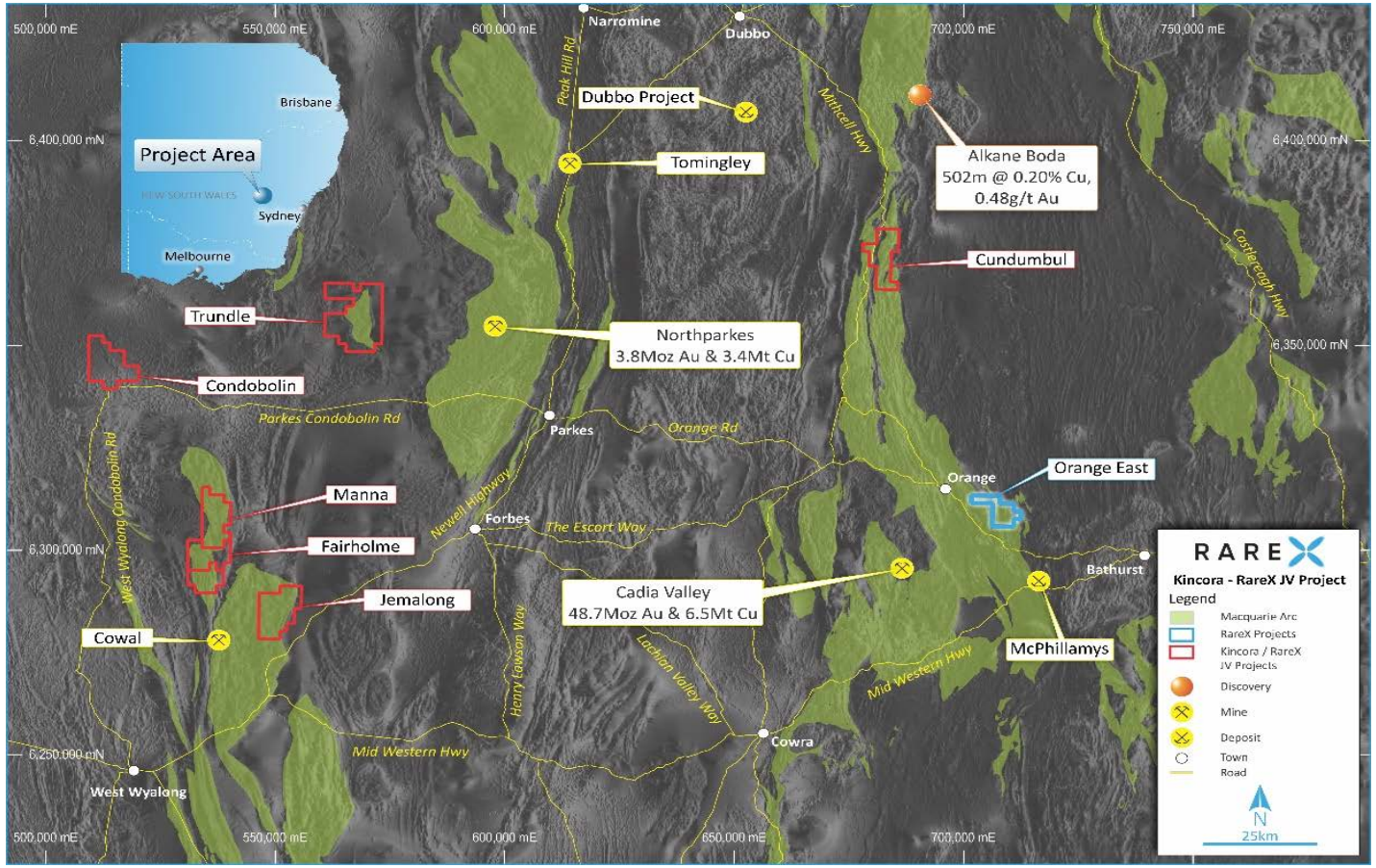


盛和资源
SHENGHE RESOURCES

- **Non-Binding MoU** executed with Global Rare Earths Producer Shenghe Resources
- **Shenghe Resources Holdings Co** is a vertically integrated U**S$4.6Bn global rare earths producer,** major shareholder of MP Materials and supplier to **Apple Inc**
- 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

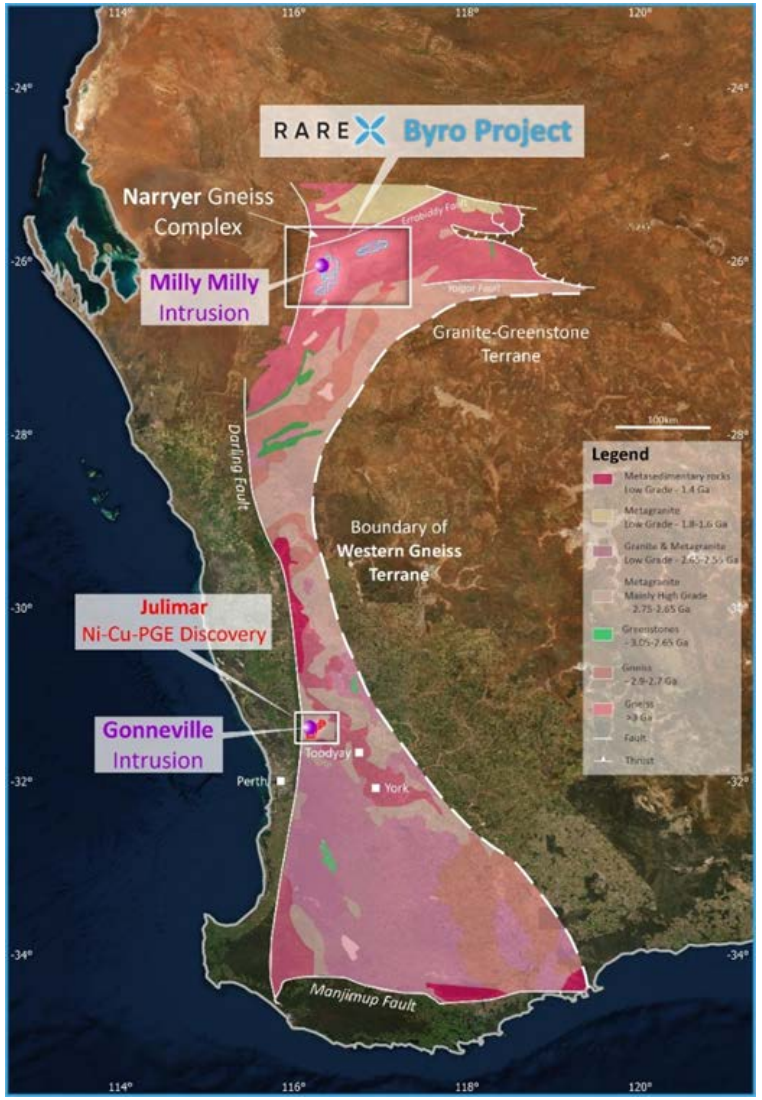
NSW Copper-Gold Assets

- **RareX retains a 35% free-carried interest** over multiple projects and owns 7.0% of ASX Listed Kincora Copper
- Kincora currently focussing on Trundle Project with two diamond drill rigs
- **Recently listed on ASX with A$12m**
- Kincora exploration led by **John Holliday, principal discoverer of the world-class Cadia deposit**
- RareX recently retained **100% ownership of Orange East** Project



Cosmos Exploration IPO

- RareX to spin-off a separate ASX-listed vehicle called **Cosmos Exploration Limited** (proposed ASX: CEX) via Initial Public Offer "IPO"
- Will acquire a the **Byro East Projects** in the Gascoyne region of WA, targeting magmatic nickel-copper-PGE sulphides
- Will also acquire an interest in the **Orange East Project** in the Lachlan fold Belt of NSW, prospective for McPhillamy's-style gold mineralisation
- Recently employed a full-time Exploration Manager to drive the exploration of these projects
- **RareX shareholders to receive priority entitlement to the IPO**



Key Investment Takeaways

1. **High-quality, advanced Rare Earths Project in WA**
2. **High-impact drill program set to commence shortly**
3. **Rare Earths prices rising strongly**
4. **Free-carried in exciting NSW copper-gold exploration projects**
5. **Cosmos Exploration set list via IPO, unlocking further value for shareholders**

With a $43.0m market capitalisation, strongly leveraged to exploration success and growth on two fronts