

Annual General Meeting Chairman's Address

To our Shareholders,

On behalf of the board of directors, I would like to acknowledge the Traditional Owners of the land upon which we meet to today, the Whadjuk People. Furthermore, I would like to acknowledge the Ngadju people and the Esperance Nyungar—the Traditional Owners of the land upon which we work. We pay our respects to the respective Traditional Owner groups and their elders, past, present and emerging.

I welcome our shareholders to this annual general meeting which relates to the last financial year. It is with great pride that OD6 was admitted to the ASX after successfully raising \$8M, near the end of the financial year, on 20 June 2022.

Since being admitted to the ASX, we have set about our business of exploring in the region surrounding Esperance, Western Australia for rare earth elements. As promised, we have worked with Traditional Owners to complete the first heritage surveys, engaged local earthworks contractors to upgrade drill lines and have completed our maiden drill program at the Splinter Rock project. We eagerly await the results from this program after encountering the expected clays interspersed between the granite source rocks.

Our project areas are vast, with over 4000 square kilometres under license. From our work and the past work of others we know that clay-hosted rare earth deposits are extensive and sit as a blanket draped upon the bedrock beneath large swathes of our licenses.

These are novel mineral systems for Western Australia, and as such we see our advantage as approaching this with not just the gaze of a modern mineral explorer, but also as a scientific research leader. In the late 18th century, during the early years of this region's first encounters of Europeans with aboriginal people (who had walked this land for 10s of thousands of years) the French scientific expeditions mapped this coast. Indeed, the sister ship to French explorer Antoine Bruni D'Entrecasteaux's ship *Esperance* was *Recherche*—the French word for 'research'. The archipelago of granites spires arising from the sea-floor offshore is named after the *Recherche*. These same types of granites are found at our Splinter Rock project, some 150km to the northeast, and are a potential source of rare earth minerals. We have commenced advanced research into the origin, mobilisation, deposition and distribution of rare earths including research with the CSIRO. By understanding these factors we hope to rapidly move to testing the best parts of our project areas.

As our understanding of rare earths in the Esperance region increases, the world's economies are pivoting from our 250 years of a reliance on fossil fuels and 150 plus years of the oil-economy, to a bright future of low-emission renewable energy generation. Indeed, Esperance itself is blessed with clean-energy resources such as wind and solar, which is attracting other parties to look at the region as a future hydrogen hub. Beneath the ground potentially lies vast accumulations of rare earths in particular neodymium and praseodymium, which are becoming increasingly important in the global economy, with uses including advanced electronics, powerful permanent magnets in electric motors and electricity generators such as wind turbines. OD6 Metals, with our bold and fertile vision, is perfectly poised to take advantage of this future.

I welcome our shareholders to this annual general meeting and introduce my fellow directors.

Mr Piers Lewis, non executive director: a seasoned corporate, governance and finance professional; Dr Mitch Loan, non executive director: a research hydro-metallurgist with strong corporate background in large scale resource projects; and Mr Brett Hazelden our Managing Director, a metallurgist and proven company leader who has rapidly embraced our vision for our future.

Thank you.

Dr Darren Holden

Chair

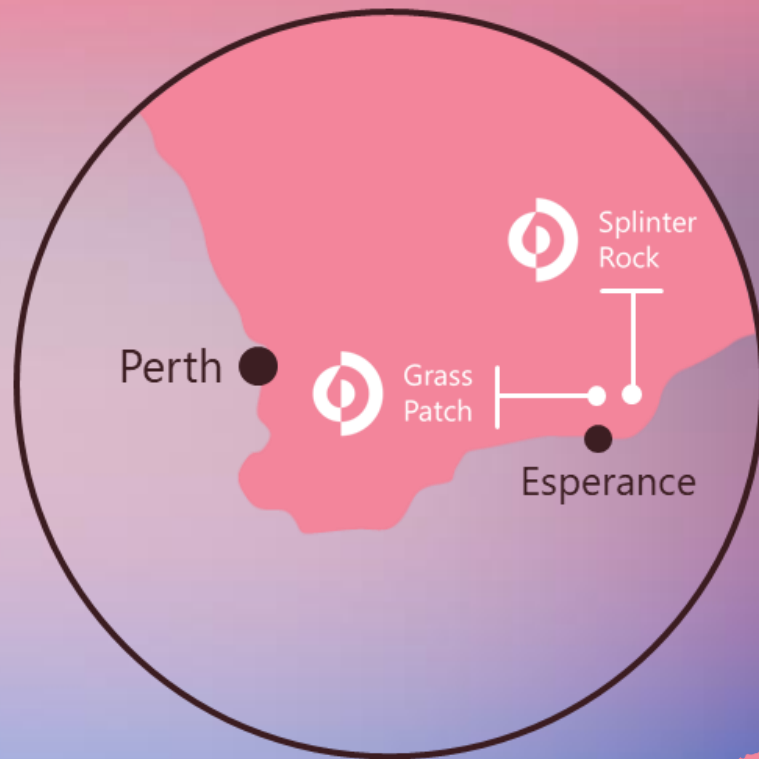


Australian Critical Rare Earth Minerals

2022 AGM Presentation

26 October 2022

ASX | OD6



Important Information



Disclaimer

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Forward Looking Statements

Certain statements contained in this presentation, including information as to the future financial or operating performance of OD6 and its projects, are forward looking statements. Such forward looking statements:

- may include, among other things, statements regarding incomplete and uncertain proposals or targets, production and prices, operating costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;
- are necessarily based upon several estimates and assumptions that, while considered reasonable by OD6, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

OD6 disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward looking statements. All forward looking statements made in this presentation are qualified by the foregoing cautionary statements. Recipients are cautioned that forward looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.

No representation is made that, in relation to the tenements the subject of this presentation, OD6 has now or will at any time in the future develop further resources or reserves within the meaning of the Australian Code for Reporting of Exploration Results, Mineral resources and Ore Reserves (**The JORC Code**).

Competent Person Statement

The information contained in this presentation that relates to exploration results is based on and fairly represents information and supporting documentation prepared Mr Jeremy Peters, Director of Burnt Shirt Pty Ltd. Mr Peters is a Fellow of the Australasian Institute of Mining and Metallurgy and a Chartered Professional Geologist and Mining Engineer of that organisation. Mr Peters has sufficient experience relevant to the style of mineralisation and type of deposits under consideration, and to the activity which he has undertaken to qualify as a Competent Person as defined in the JORC Code. Mr Peters consents to the inclusion of the matters based on his information in the form and context in which the exploration results and supporting information are presented in this presentation.

No New Information

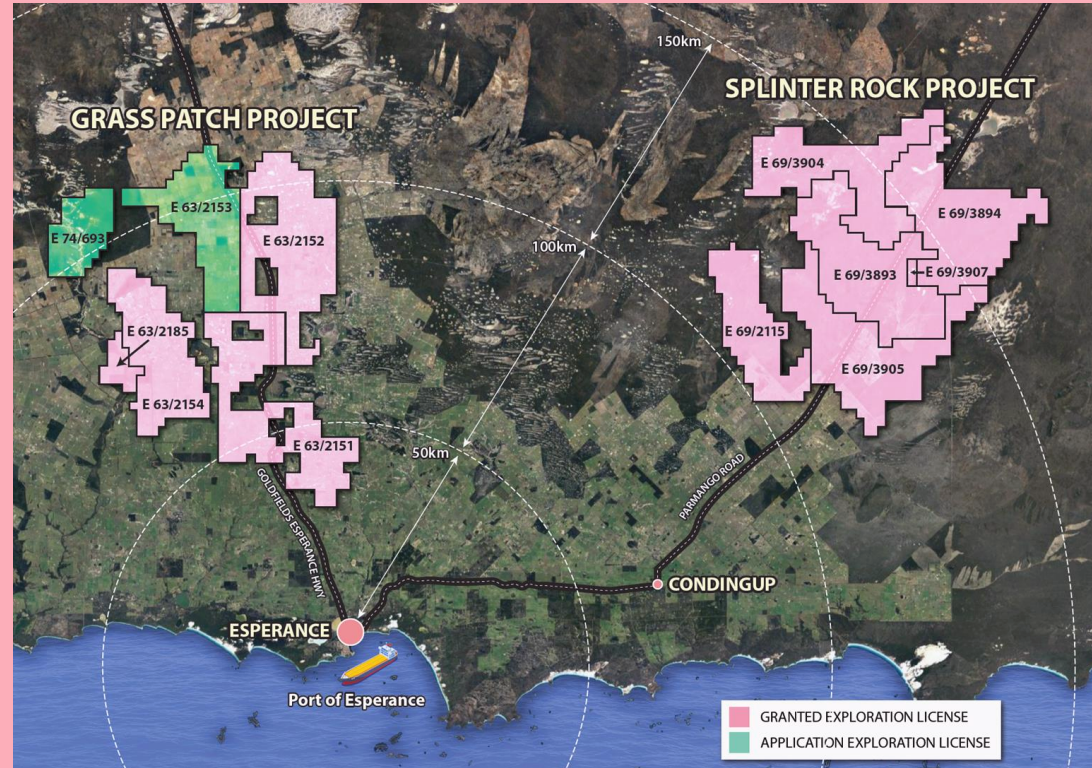
This document contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (2012 JORC Code) and available for viewing at <https://www.od6metals.com.au/investors/asx-announcements/>. OD6 confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

Massive Landholding

Substantial 4,828 km²
tenement package of **Clay
Hosted Rare Earth** Projects

Close to **existing port,
sealed roads** and essential
infrastructure

Excellent concentrations of
**neodymium (Nd) and
praseodymium (Pr)**, which
are essential elements needed
for the green economy



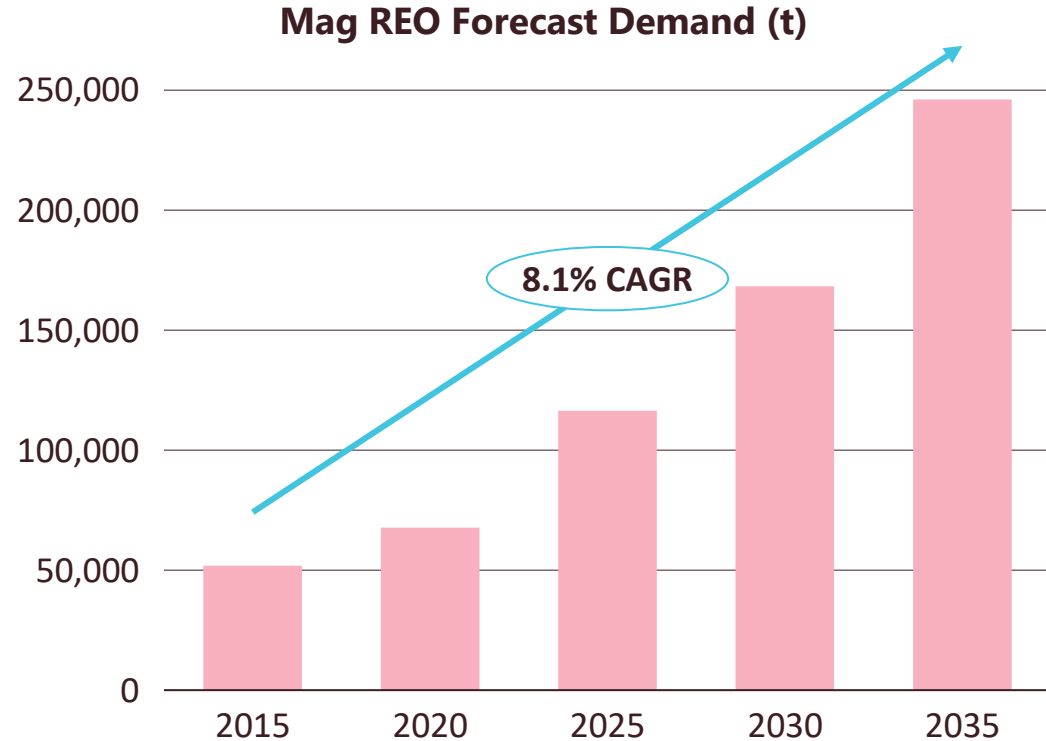
Insatiable Demand for Rare Earth Magnets

Transition from carbon to renewable economy is creating a forecast **explosion in demand for critical rare earth magnet metal oxides**

Compound annual growth rate of 8.1% for Mag REO

Mag REO (Magnetic Rare Earth Oxide) = $\text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3$

Source: Adamas Intelligence, June 2022



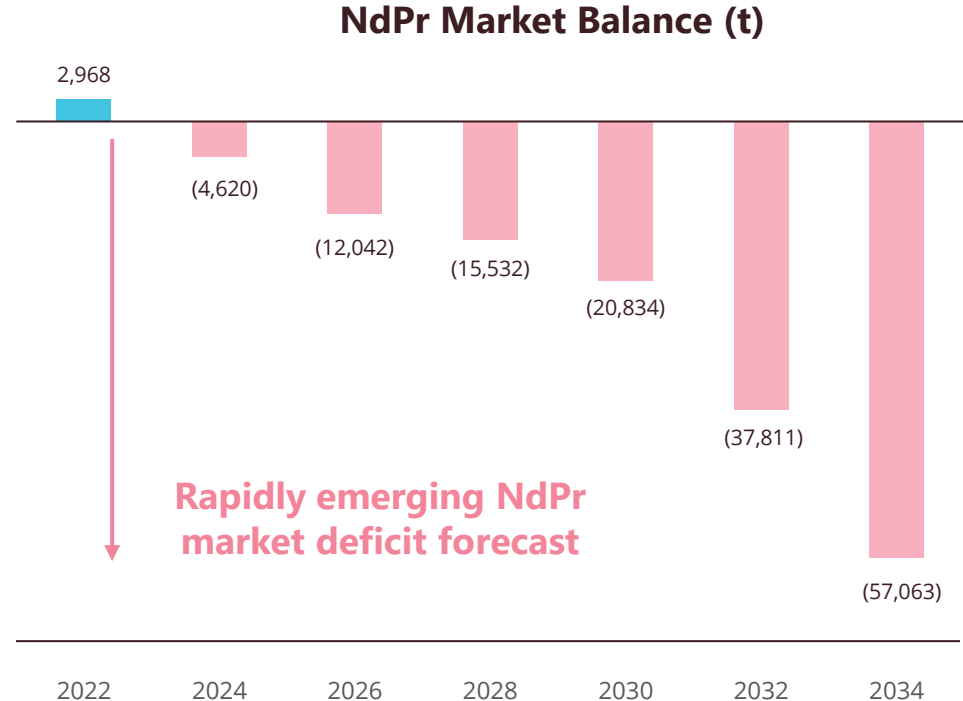
Growing NdPr Rare Earth Supply Deficit

Analysts expect significant NdPr supply deficits as demand grows

Demand underpinned by growth from EVs, wind power and consumer electronics

NdPr = Two of the critical rare earth elements Neodymium (Nd) and Praseodymium (Pr), which are used to make permanent magnets in electric vehicles, electricity generators (wind turbines) and consumer electronics. They represent the major value and revenue sources from Rare Earth Element production.

Source: Adamas Intelligence, June 2022



New Australian Supply Needed

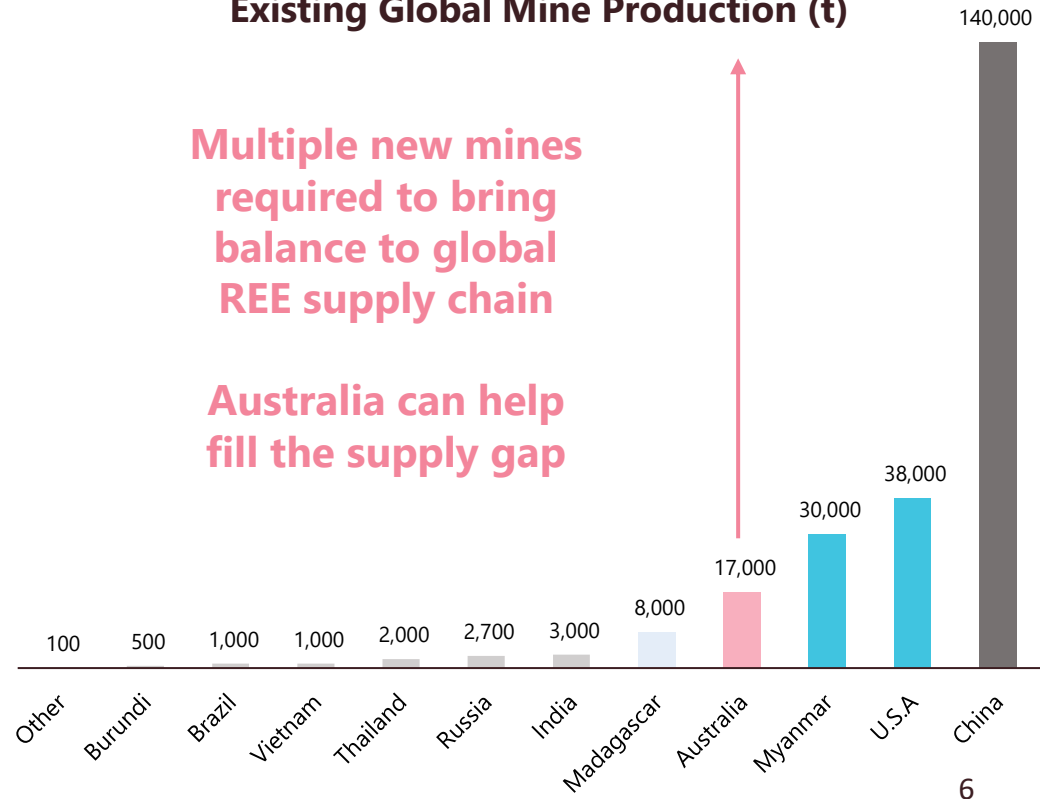
Mine concentration is a significant risk to the global supply chain

Diversity of supply now a priority for governments and corporations with Australia well placed to provide additional capacity

Existing Global Mine Production (t)

Multiple new mines required to bring balance to global REE supply chain

Australia can help fill the supply gap



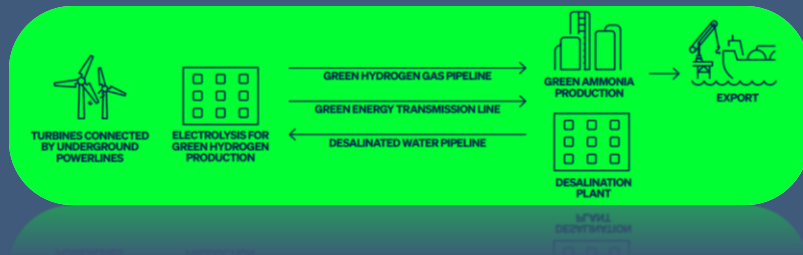
Low Carbon Rare Earth Production Potential

The urgency to lower global emissions is driving a rapid ramp up in demand for green energy globally

Esperance earmarked as a potential location for a major renewable energy and hydrogen hub

**Using wind, solar + green hydrogen
= Potential Green Rare Earth**

Fortescue Future Industries assessing South East Western Australia (Esperance Region) as a priority location for development of a green hydrogen hub¹



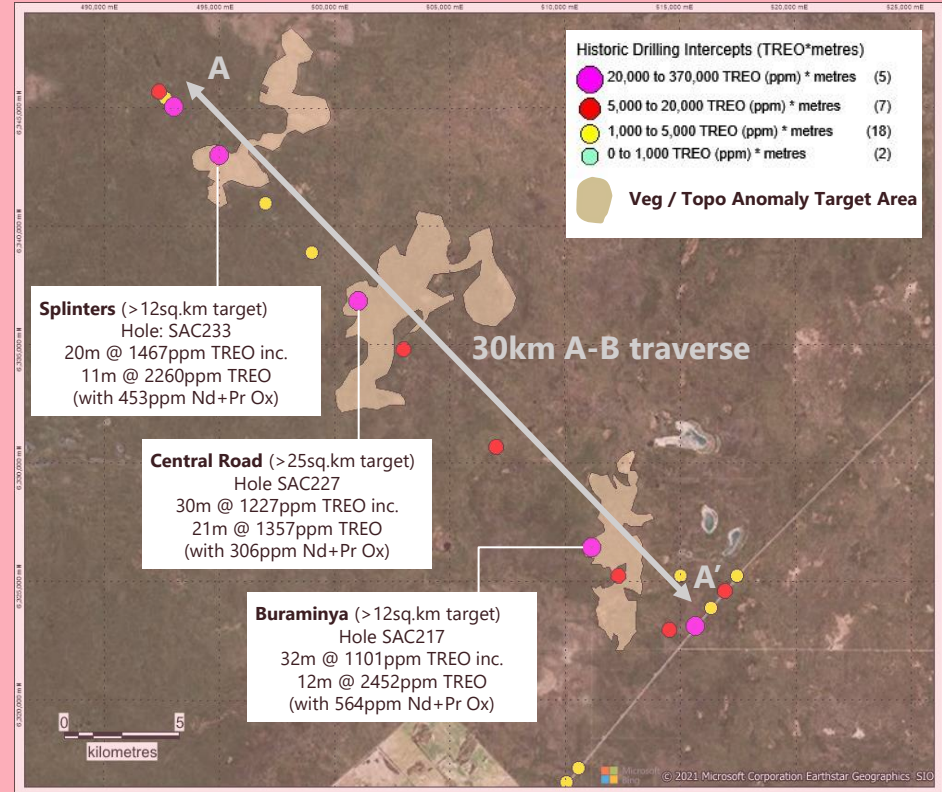
Six granted exploration licenses spanning 2,579km²

Historic **high grade TREO drill intercepts** across a 30km drilling traverse

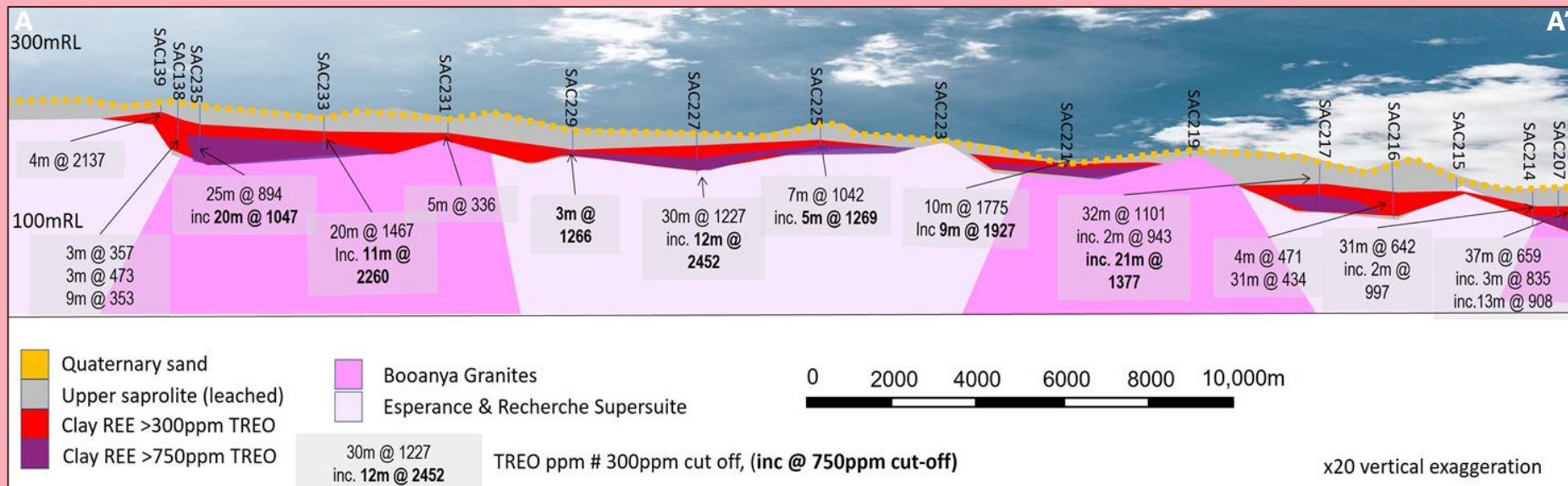
The target area at Splinter Rock covers over 30 x 60km, **making this one of the largest known clay REE target areas in Australia**

TREO (Total Rare Earth Oxide) = $\text{La}_2\text{O}_3 + \text{CeO}_2 + \text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3 + \text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2\text{O}_3 + \text{Tm}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Lu}_2\text{O}_3 + \text{Y}_2\text{O}_3$

Refer to Independent Geological Report in the Company Prospectus for further information, (ASX announcement "Prospectus" 20 June 2022).



Intersections up to **37m in thickness** over the historic drilling traverse **close to surface**
NdPr oxides make up over 20% of the total TREO basket in higher grade zones

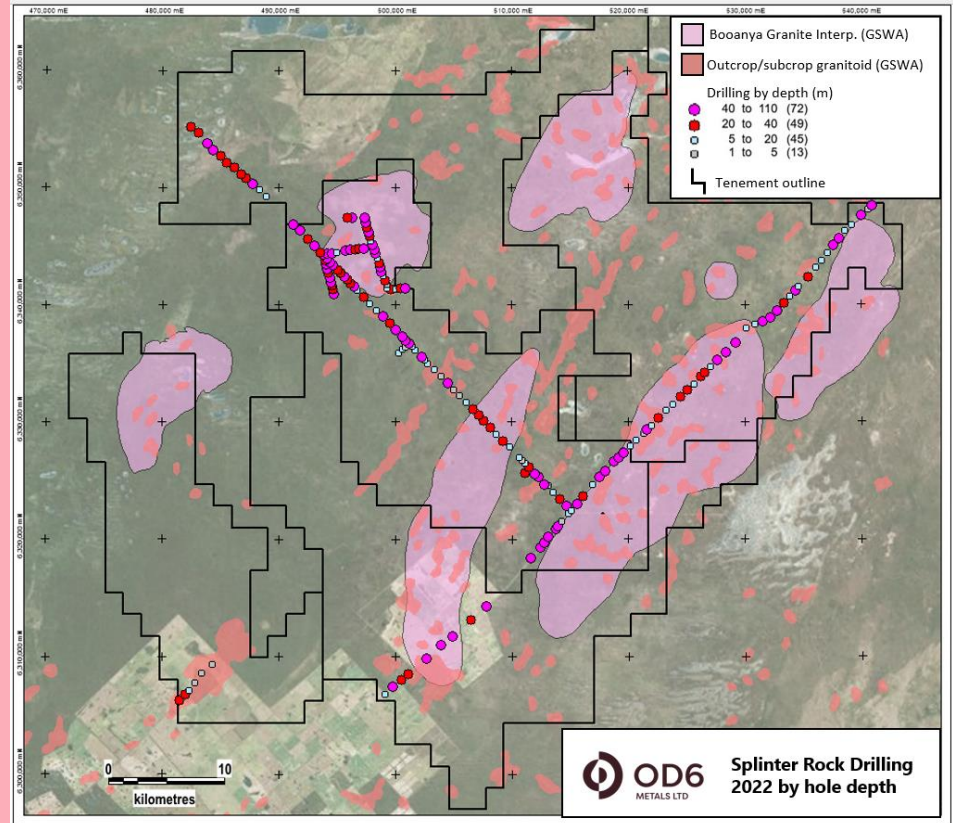


The clay rare earth mineral enrichment is considered to be formed from weathering of the granites in the area

Initial 179-hole AC drilling program completed

Extensive clays encountered across 100km of drill lines

Assay results to be received through Q4 2022



Airborne Electromagnetics – Clay Mapping

Airborne geophysics survey across Splinter Rock and Grass Patch to be completed during October 2022

Aiming to identify and map clay locations, expanse, depth and thickness across all granted OD6 Tenements

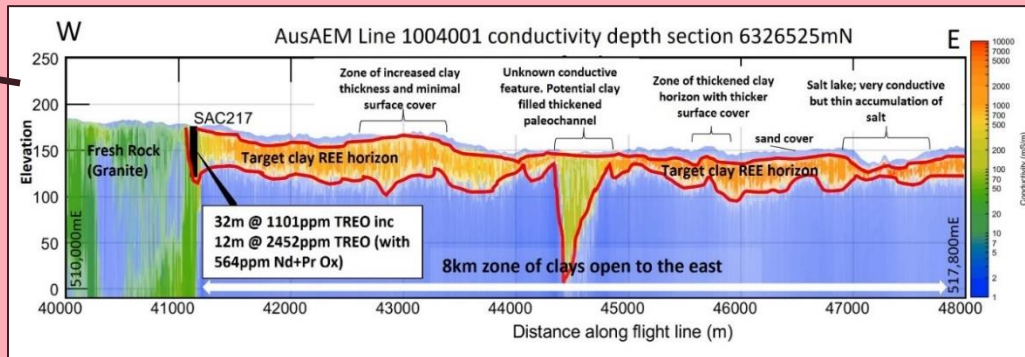
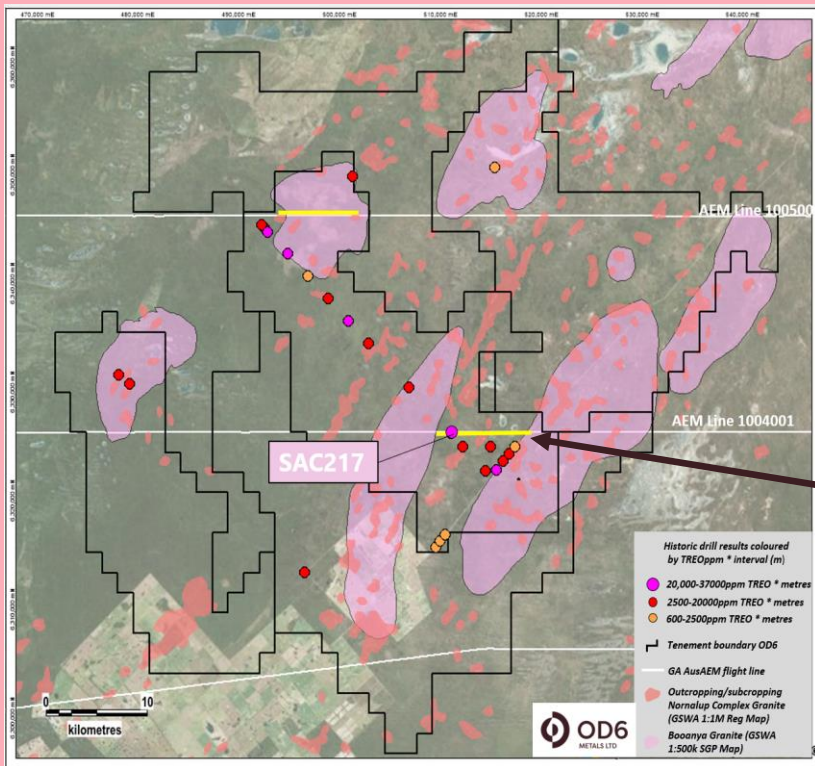
Analysis of data to be completed during Q4 2022



Initial Clay Mapping Success at Splinter Rock

CSIRO and OD6 Metals are collaborating on techniques to improve rare earth exploration

- Identified clays of 10-50m in thickness
- Clays zones of multiple kms in length
- Enables future targeted drilling of shallow, thick clay horizons

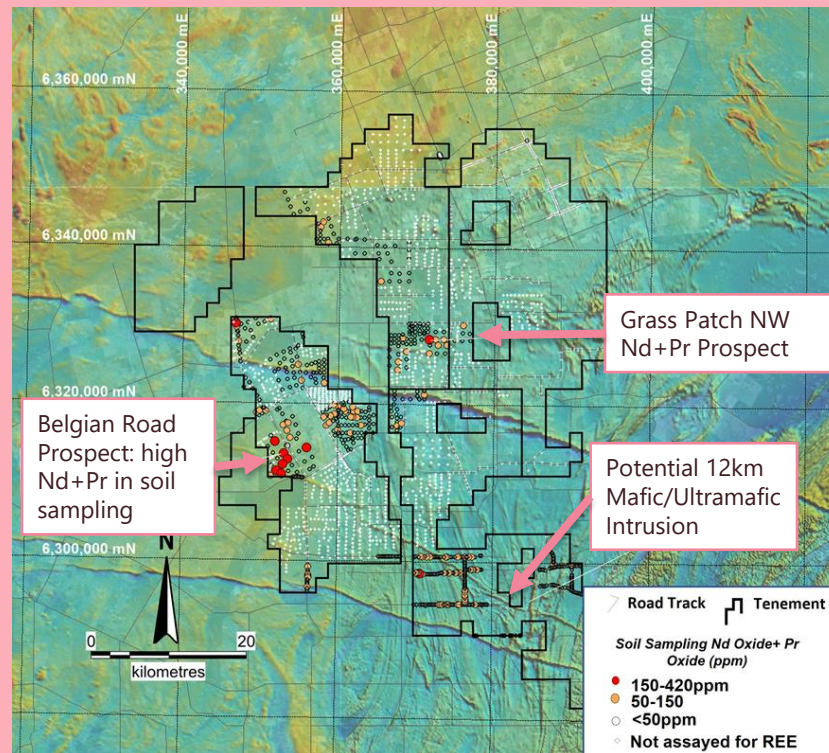




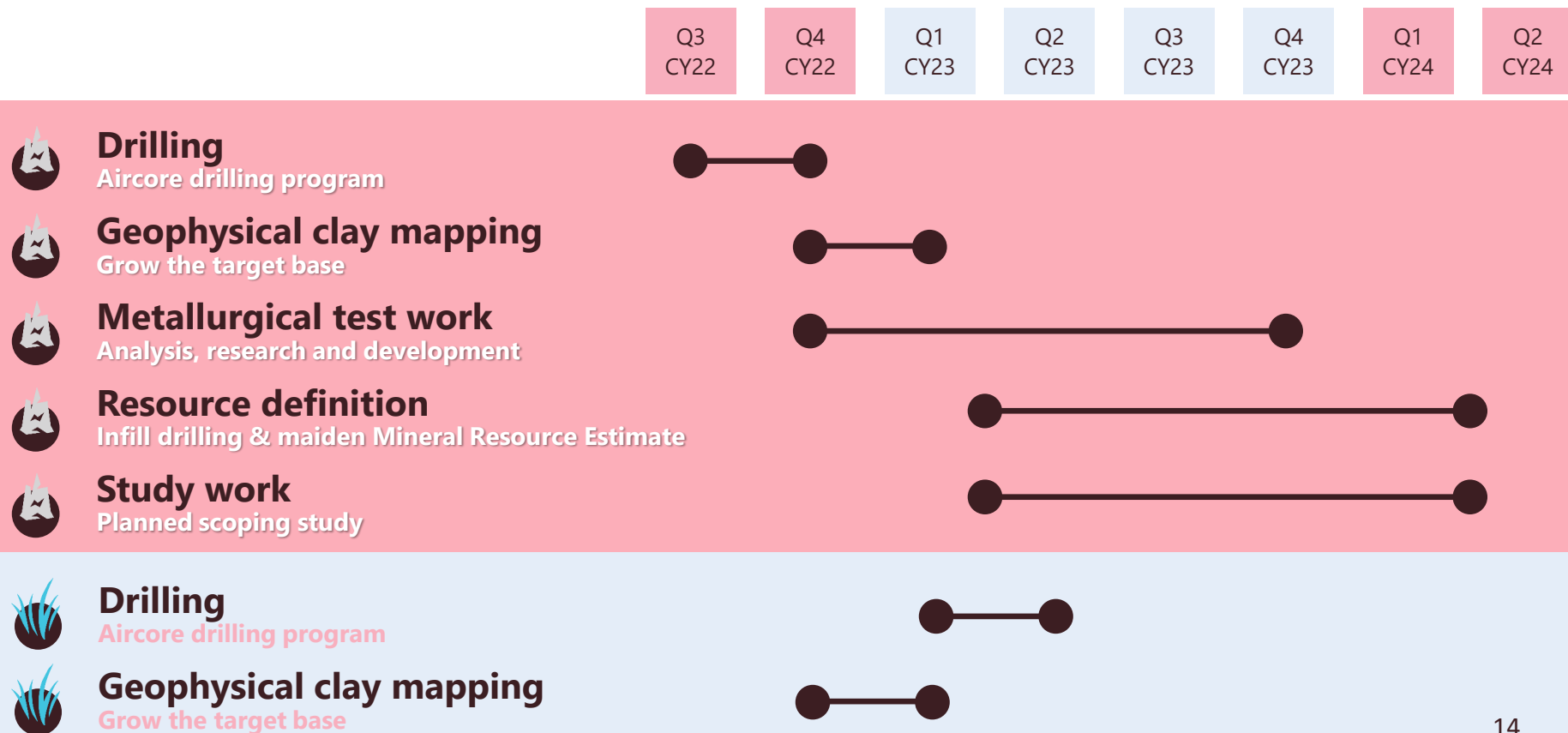
Four granted exploration licenses and two applications spanning over 2,248km²

Soil geochemistry and water bore anomalies indicate high level of prospectivity for REE

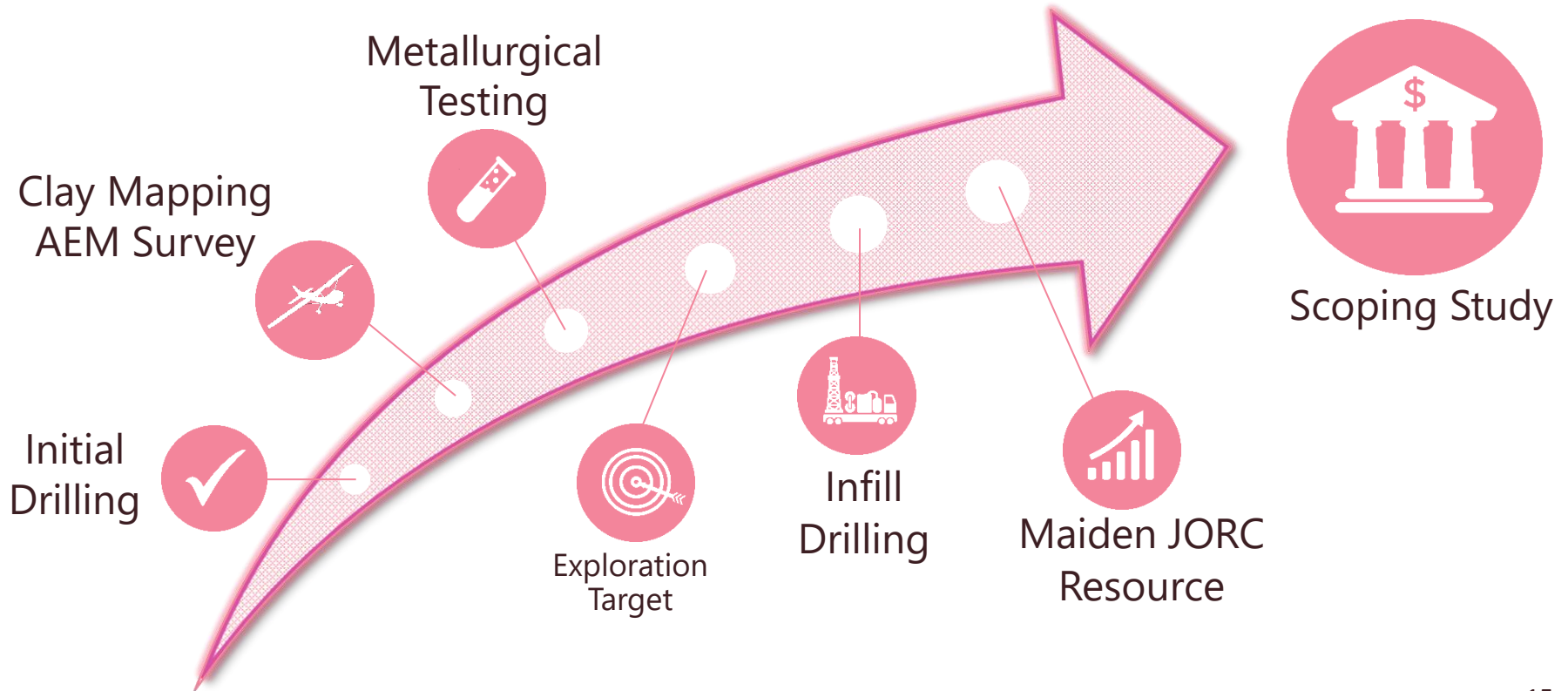
Three key exploration priority areas identified by OD6 Metals



Planned Work Program



Splinter Rock Work Program



Corporate Snapshot

Capital Structure

ASX: OD6

Price per share ¹	A\$0.18
Total number of shares on issue ²	102.45M
Performance rights and options ²	32.70M
Market capitalisation (undiluted) ¹	A\$18.44M
Cash ²	A\$7.08M
Debt ²	A\$0.00M
Enterprise value ¹	A\$11.36M

Share Price History



Notes: 1. As at 25 October 2022, 2. As at 30 September 2022



Dr Darren Holden
NON-EXECUTIVE CHAIR



Mr Brett Hazelden
MANAGING DIRECTOR

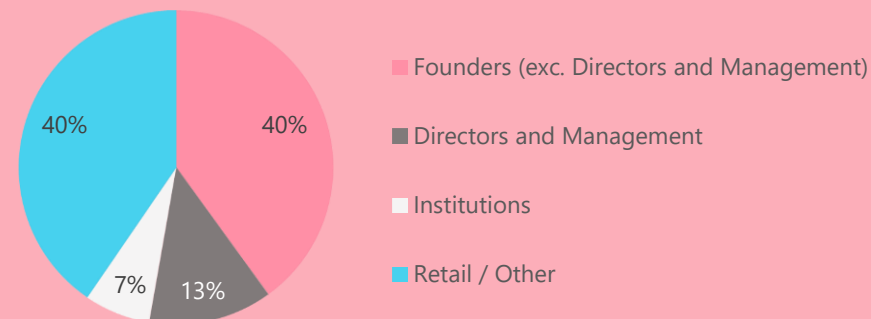


Mr Piers Lewis
NON-EXECUTIVE DIRECTOR



Dr Mitch Loan
NON-EXECUTIVE DIRECTOR

Register Detail



- ✓ **Explosion in demand for critical rare earth minerals**
- ✓ **Drilling has confirmed thick, near surface, clay hosted rare earth elements**
- ✓ **Airborne geophysics aiming to map clay locations, expanse, depth and thickness across all granted OD6 Tenements**
- ✓ **Strong potential for globally-significant REE resource definition across a 30 x 60km target area**
- ✓ **Close proximity to Esperance port, town and roads**
- ✓ **Low carbon “Green Rare Earth” potential**



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