## **Corporate Presentation**

## 9 July 2024



ASX:LIN OTCQB:LINIF



#### Disclaimer

The material in this presentation has been prepared by Lindian Resources Limited ("Company").

This presentation may not be reproduced, redistributed or passed on, directly or indirectly, to any other person, or published, in whole or in part, for any purpose without prior written approval of the Company. This presentation and the material contained in it is for information purposes only. This presentation is not an offer or invitation for subscription or purchase of, or a recommendation in relation to, securities in the Company and neither this presentation nor anything contained in it shall form the basis of any contract or commitment.

This presentation may not be distributed in any jurisdiction except in accordance with the legal requirements applicable in such jurisdiction. Recipients should inform themselves of the restrictions that apply in their jurisdiction.

Failure to do so may result in a violation of rules in such a jurisdiction. This presentation is not financial product or investment advice. It does not consider the investment objectives, financial situation and particular needs of any investor. Before making an investment in the Company, an investor or prospective investor should consider whether such an investment is appropriate to their particular investment needs, objectives and financial circumstances, seek legal and taxation advice as appropriate and consult a financial adviser if necessary.

This presentation may contain forward-looking statements. Forward-looking statements include those containing such words as "anticipate", "estimates", "forecasts", "should", "could", "may", "ideal", "intends", "will", "expects", "plans" or similar expressions. Such forward looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, its directors and management that could cause the Company's actual results to differ materially from the results expressed or anticipated in these statements. The Company cannot and does not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur, and investors are cautioned not to place undue reliance on these forward-looking statements. The Company does not undertake to update or revise forward-looking statements or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this presentation, except where required by applicable law or the ASX Listing Rules. It is believed that the expectations reflected in these statements are reasonable, but they may be affected by a range of variables and changes in underlying assumptions which could cause actual results or trends to differ materially. The Company does not make any representation or warranty as to the accuracy of such statements or assumptions.

This presentation has been prepared by the Company based on information currently available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. To the maximum extent permitted by law, none of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party, nor any other person accepts any liability for any loss arising from the use of this presentation or its contents or otherwise arising in connection with it, including without limitation, any liability arising from fault or negligence on the part of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party. This presentation was authorised for release by the Board of Lindian Resources Limited.



## Overview

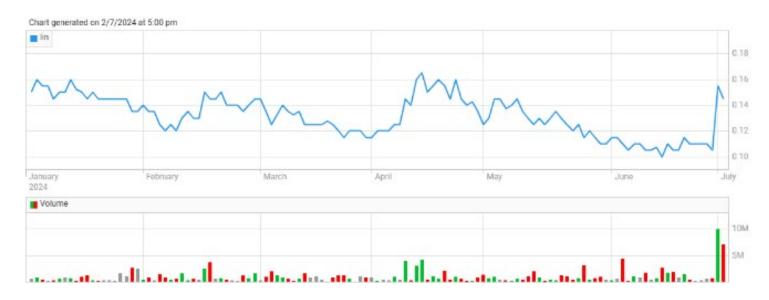


## **CORPORATE INFORMATION**



| Company ASX Code                               | LIN       |
|------------------------------------------------|-----------|
| Share Price                                    | ~A\$0.16  |
| Ordinary Shares on Issue                       | 1.153B    |
| Performance Rights                             | 23.3M     |
| Options on Issue: (Conversion value A\$20.5M)  | ~84M      |
| Market Capitalisation (undiluted) <sup>1</sup> | ~A\$184M  |
| Cash <sup>2</sup>                              | ~A\$13.1M |

| Substantial Shareholders <sup>3</sup>              |       |  |  |  |
|----------------------------------------------------|-------|--|--|--|
| Kabunga Holdings Pty Ltd                           | 10.9% |  |  |  |
| Bonacare Pty Ltd / Topwei Pty Ltd / Wei<br>& Zhang | 9.97% |  |  |  |
| Ven Capital Pty Ltd                                | 9.51% |  |  |  |
| Rohan Patnaik                                      | 6.3%  |  |  |  |



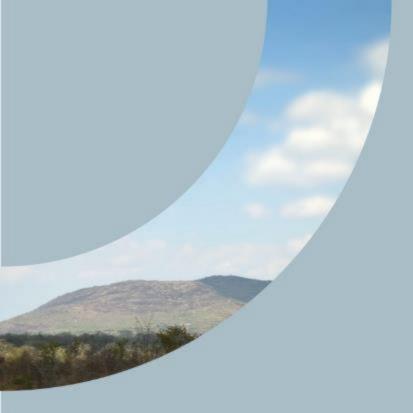
Based on intra-day share price on 2 July 2024 of \$0.16 i.e. 16 cents
 Cash at 30 June 2024 per unaudited management accounts
 As at market close Friday 5 July 2024.

## LINDIAN PROJECT LOCATIONS





- **Rare Earths**: World class Kangankunde Project in Malawi.
- **Bauxite**: Three projects in Guinea.
- **Bauxite**: Early stage project in Tanzania.
- Head Office: Perth, Western Australia.



## Kangankunde Rare Earths Project



## KANGANKUNDE LOCATION AND BACKGROUND

## LINDIAN

RESOURCES LTD.

- Malawi is a stable jurisdiction with English Law and a democratically elected government.
- Kangankunde is in proximity to Blantyre and Balaka.
- Timeline summary:
  - Q3 2021 Environmental Licence received.
  - Q2 2022 Rift Valley Resources (RVR) secures Mining Licence.
  - Q3 2022 Lindian shareholders agree to US\$30M acquisition in stages.
  - Q3 2023 Maiden Mineral Resource announced.
  - Community Plan and Water Licence secured.
  - Q2 2024 Maiden Ore Reserves and Feasibility Study completed.
- Current Lindian ownership of RVR is 66% with last US\$10M (for 100%) at or before commercial production.



## FEASIBILITY STUDY RESULTS - SUMMARY



# Stage 1 is a technically and economically robust project with significant expansion upside



<sup>1</sup> Based on Project Blue rare earth pricing forecasts. Bloomberg 26 June 2024 AUD:USD exchange rate 0.6676

<sup>2</sup> Capex and Opex based primarily on actual tender pricing, also supported by requests for proposals and industry benchmarks.

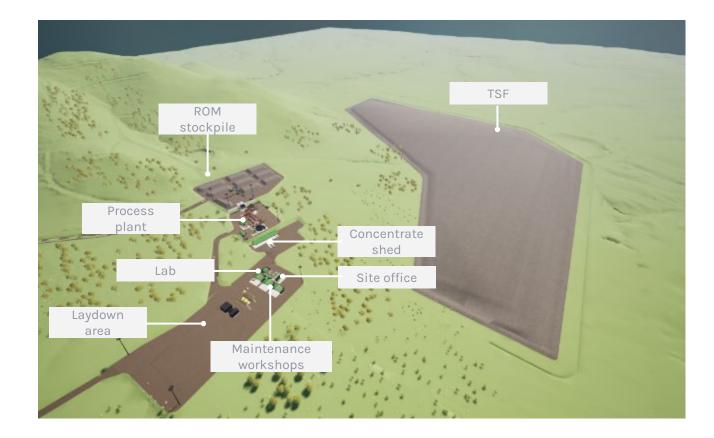
## **KANGANKUNDE PRODUCTION SUMMARY**



A world-class resource to produce a high-grade concentrate containing low radionuclides (thorium & uranium) and low acid consuming minerals

| Category                             | Total              |
|--------------------------------------|--------------------|
| Ore Reserves (1% TREO cut-off)       | 23 Mt @ 2.9% TREO  |
| Mineral Resource (0.5% TREO cut-off) | 261 Mt @ 2.1% TREO |

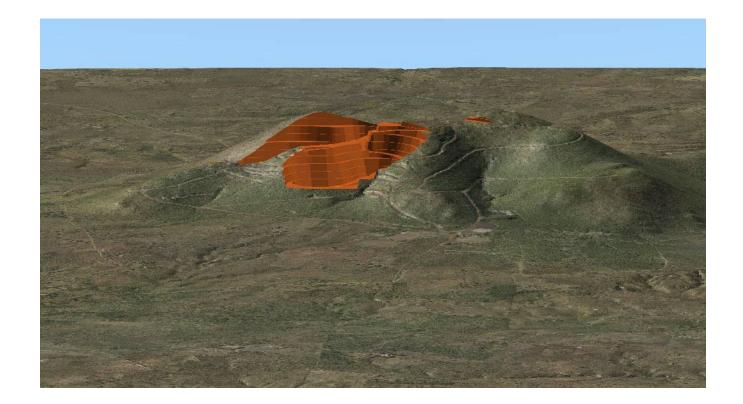
| Production Metrics     | Unit   | LOM<br>Annual<br>average |
|------------------------|--------|--------------------------|
| Ore grade mined        | % TREO | 2.9                      |
| Concentrate production | tpa    | 15,323                   |
| Concentrate grade      | % TREO | 55                       |
| TREO production        | tpa    | 8,259                    |
| NdPr production        | tpa    | 1,613                    |



## LINDIAN RESOURCES LTD.

### Key points:

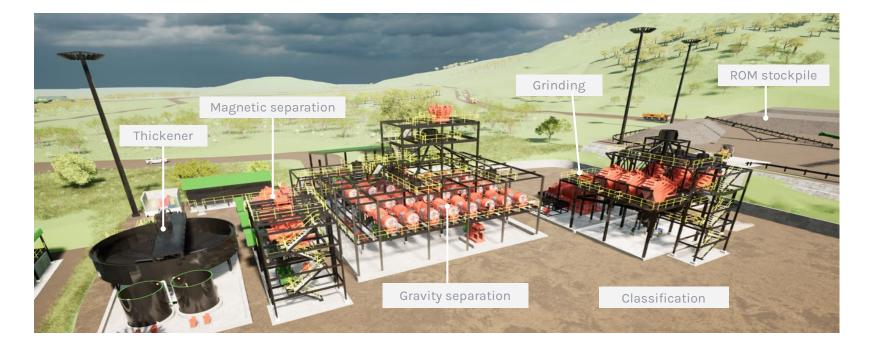
- 6 open pit mining zones.
- Annual total material mined 613 kt vs annual ore mined 529 kt.
- 19.5 Mt of high-grade feed at 3.1% TREO during early years.
- Very low strip ratio (<0.2:1).
- Conventional mining equipment.
- Low ore loss.
- 2km downhill haulage to stockpiles.





#### Simple processing operation:

- Unique mineralogy favourable to REE recovery using mainly physical process of gravity and magnetic separation.
- Sulphide flotation on the concentrate stream only, resulting in very low reagent consumption.
- Clean process of gravity and magnetic separation result in clean water recirculation without a treatment process.







#### Power

3MW power requirement - grid power connection (hydro power) with backup on-site diesel power generation.



#### Water

Sourced from borefields, piping system to supply water to the site and plant.



Tailings

Tailings storage facility and return water dam.



Other

Fuel storage and dispensing.

Administration, mining and support service buildings.

Warehouse and maintenance facilities.



#### Workforce

~200 people during construction; ~110 FTE people during operations.

Combination of fly in/fly out and residential workforce.

Owner's Team FIFO workers accommodated in Balaka Town.

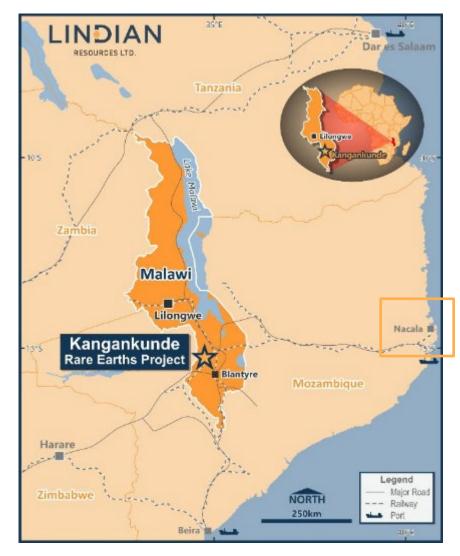
## LOGISTICS



### Excellent transport infrastructure including sealed roads and rail



- Concentrate product dried to 2% moisture and packed in 1t bulka bags at Kangankunde site.
- Bulka bags transported ~110kms by sealed road to Limbe in Blantyre area.
- At Limbe, bags loaded into 40 feet containers and railed ~650kms to the Nacala Port in Mozambique.
- Ocean freight from Nacala Port to final destinations.



## **PRE-PRODUCTION CAPITAL COSTS**



## Robust cost estimation process by subject experts - AACE Class 2 Estimate

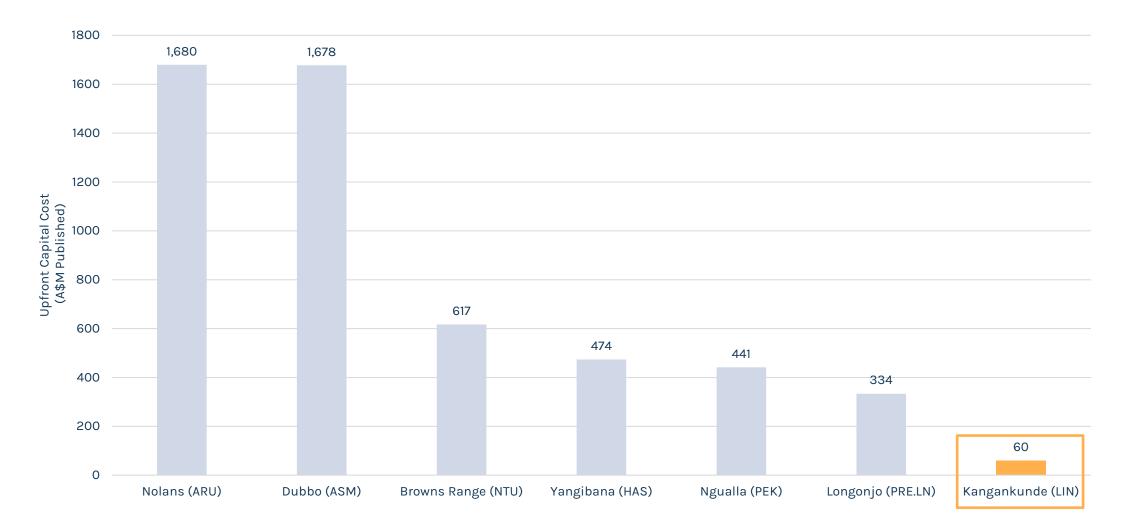
#### **Key Points**

- Tenderers selected based on local availability and design and construction expertise.
- Site inspections and pre- & post-tender meetings conducted.
- Capital cost generally represents the average of the three lowest bidders for the FS purpose.
- A contingency of 12.5% of total pre-production capital cost.

| Cost Category                | US\$M % of tota |      |  |  |  |
|------------------------------|-----------------|------|--|--|--|
| DIRECT CAPITAL COST          |                 |      |  |  |  |
| Civil works                  | 4.7             | 11.9 |  |  |  |
| Tailings storage facility    | 3.8             | 9.7  |  |  |  |
| Process plant                | 18.3            | 45.7 |  |  |  |
| Power infrastructure         | 1.1             | 2.6  |  |  |  |
| Site support and ancillaries | 1.3             | 3.2  |  |  |  |
| Mining infrastructure        | 0.7             | 1.8  |  |  |  |
| Direct cost subtotal         | 29.9            | 75   |  |  |  |
| INDIRECT CAPITAL COST        |                 |      |  |  |  |
| Project and site management  | 3.5             | 9.0  |  |  |  |
| Detailed engineering         | 1.9             | 4.8  |  |  |  |
| Growth and contingency       | 4.5             | 11.3 |  |  |  |
| Indirect cost subtotal       | 9.9             | 25   |  |  |  |
| Total Capital Costs          | 39.8            | 100  |  |  |  |



### One of the lowest Capital Cost developments of global rare earths projects



Based on publicly available information - refer Lindian Feasibility Study Presentation 3 July 2024 - Appendix Source Document #2

## **OPERATING COSTS**



### Ultra low US\$2.92/kg REO (FOB) and US\$3.71/kg AISC CIF due to favourable project factors

| Area                        | Annual Cost<br>(US\$ 000/y) | TREO in<br>Concentrate<br>Unit Cost<br>(US\$/kg)<br>AISC CIF |      |  |  |
|-----------------------------|-----------------------------|--------------------------------------------------------------|------|--|--|
| Mining                      | 6,530                       | 21                                                           | 0.79 |  |  |
| Processing                  | 8,970 29                    |                                                              | 1.09 |  |  |
| Maintenance                 | 2,160                       | 7                                                            | 0.26 |  |  |
| General &<br>Administration | 4,950                       | 16                                                           | 0.60 |  |  |
| Product<br>Transport        | 2,430                       | 8                                                            | 0.29 |  |  |
| Royalties                   | 5,560                       | 18                                                           | 0.67 |  |  |
| Total                       | 30,600                      | 100                                                          | 3.71 |  |  |

### **Favourable factors include:**

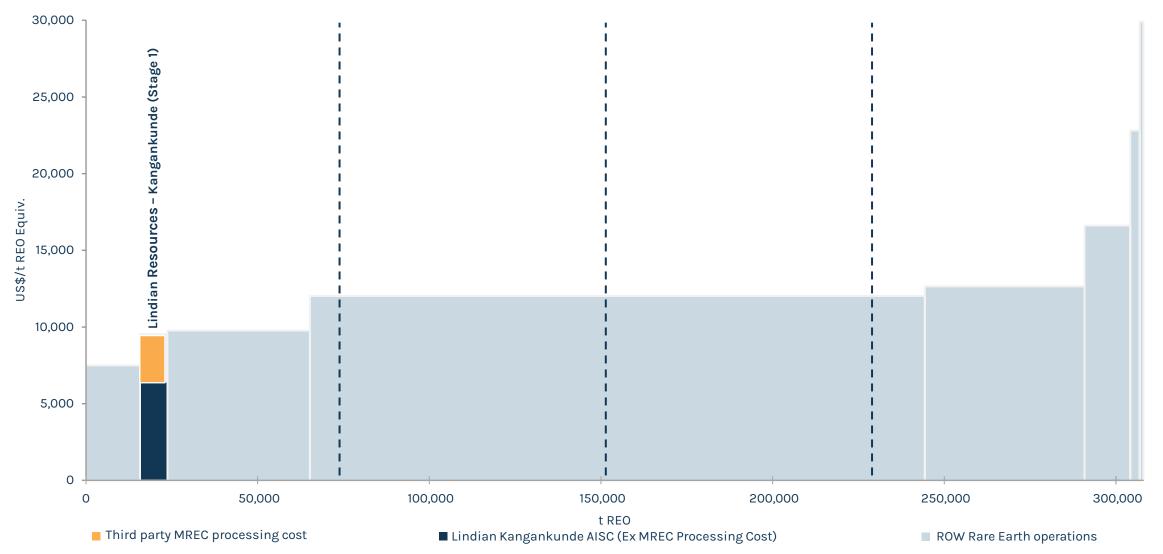
- Conventional mining with a very low strip ratio of <0.2.
- 2km downhill ore haulage.
- Simple metallurgy and flowsheet, limited reagents used.
- Low-cost reliable grid power (hydropower).
- Access to processing water from a sustainable borefield at the mine site.
- Excellent transport infrastructure including sealed roads and rail.
- Accommodation facilities in nearby towns.

## **GLOBAL INDUSTRY COST CURVE**



## Positioned in lowest cost quartile for rare earths projects globally

Source: Project Blue - based on their estimate of MREC equivalent cost



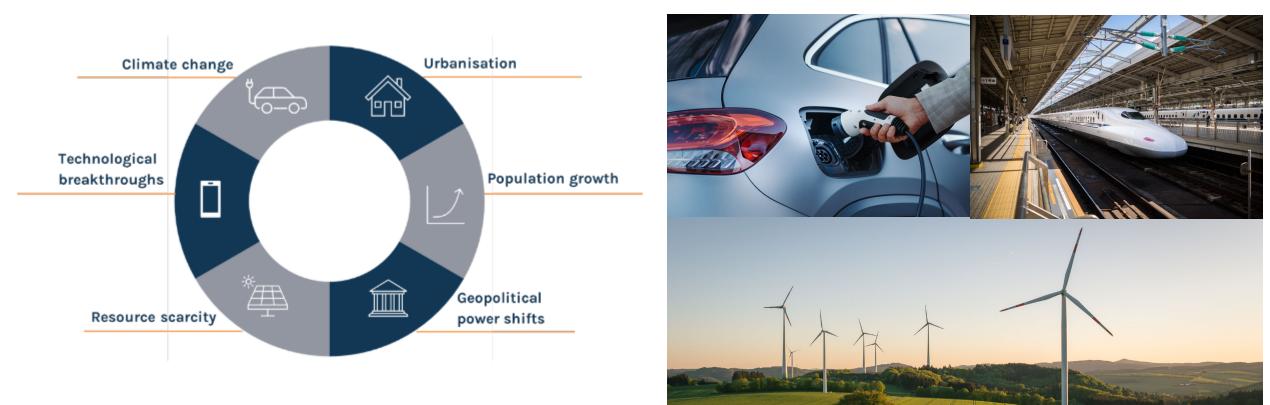
Project Blue (June 2024) assumed AUD/USD exchange rate of 0.65 for companies that report US\$

## WHAT IS DRIVING RARE EARTH DEMAND?



## Global trends will continue to drive demand for rare earths

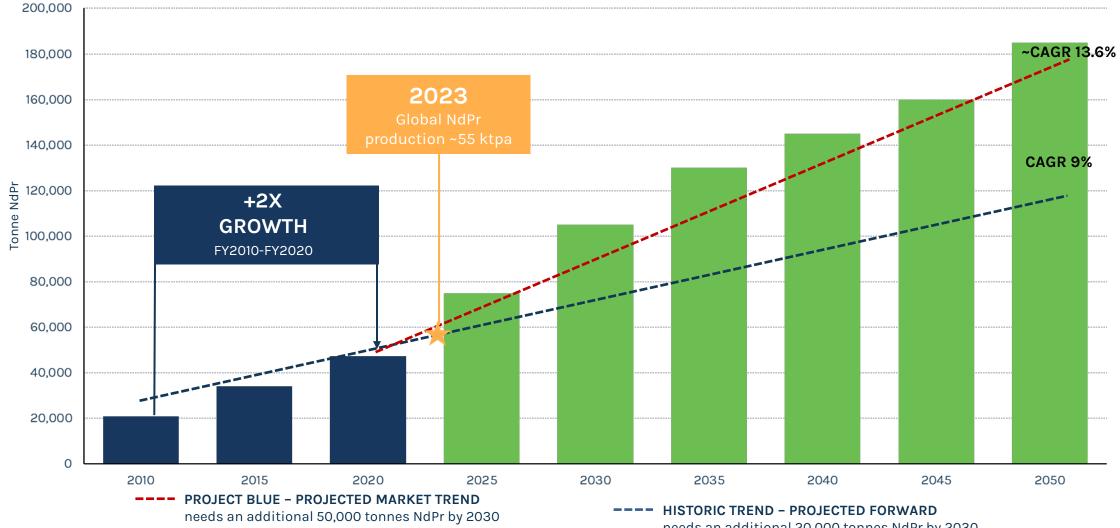
NdPr oxide is a critical input for NdFeB magnets used in wind turbines and electric vehicles



## NdPr DEMAND FORECAST



### It is expected the NdPr market will triple in the period to 2050, requiring an 3x increase of 2023 supply levels



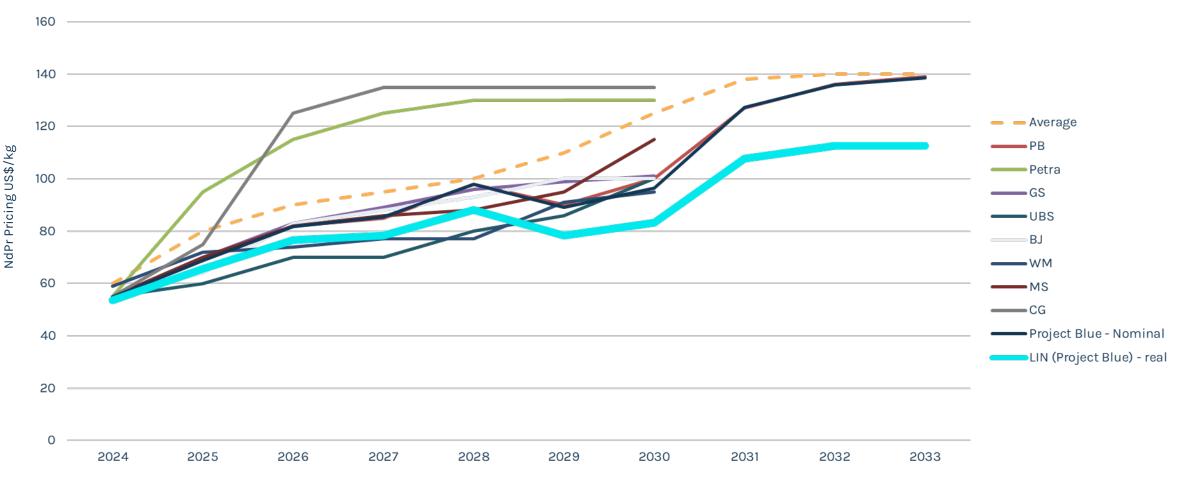
Project Blue February 2024 report

needs an additional 20,000 tonnes NdPr by 2030

## RARE EARTHS' MARKET



# Price assumptions based on Y1 at US\$70/kg REO, Y1-5 at US\$82/kg NdPr, and LOM at US\$109/kg NdPr



Right Source: LIN: Project Blue 2024 | CG: Feasibility Cannacord Genuity; report dated 13 March 2024 | MS: Morgan Stanley: report dated 13 March 2024 | BJ: Barrenjoey: report dated 29 February 2024 | UBS: Report dated 18 March 2024 | Petra: Report dated 4 April 2024 | GS: Goldman Sachs: report dated 12 February 2024 | PB: Project Blue February 2024 report | WM: Wood Mackenzie: pricing within Morgan Stanley report (above).





### **Product Strategy**

- Premium concentrate product
- Top quartile REO grade
- Low impurity levels
- Ultra low radioactivity



### **Pricing Strategy**

- Price premium due to quality
- Lower processing cost due to favourable mineralogy
- Higher payability than average peer group (~48% current spot to 64% LOM forecast)



### **Placement Strategy**

- Diversification objective
- Low radioactivity opens all markets
- Target: 20% Northern America; 20% Europe;
  40% Asia; 20% Other

### **Offtake Contract Strategy**

- Offtake 1 with Gerald Metals (USA based): 40% of 5-year production
- Offtake 2: with another large reputable trader or offtaker: 40% of 5-year production
- Spot offtake: Lindian places 20% of annual production to highest bidder

### Outstanding financial metrics

| Financial metric                                                    | Unit  | Years<br>1 to 5<br>US\$ | LOM<br>US\$ | LOM<br>A\$ |
|---------------------------------------------------------------------|-------|-------------------------|-------------|------------|
| Average annual revenue                                              | \$M   | 81.1                    | 113.7       | 170.3      |
| Average operating cashflow<br>(after tax and sustaining<br>capital) | \$M   | 38.3                    | 58          | 86.9       |
| Average annual EBITDA                                               | \$M   | 53.6                    | 83.6        | 124.5      |
| NPV <sub>8</sub> (pre-tax)                                          | \$M   | -                       | 794         | 1,189      |
| Pre-tax IRR                                                         | %     | _                       | 99          | 99         |
| Payback period (pre-tax)                                            | Years | -                       | 1.25        | 1.25       |
| NPV/Capex Ratio (pre-tax)                                           | х     | _                       | ~19         | ~19        |

### Profitable at current low prices

|                  | Unit            | Spot Price | Years 1-5<br>(average) | LOM<br>(average) |
|------------------|-----------------|------------|------------------------|------------------|
| Average<br>Price | US\$/kg<br>NdPr | 50         | 82                     | 109              |
| EBITDA           | US\$M           | 11         | 57                     | 83               |

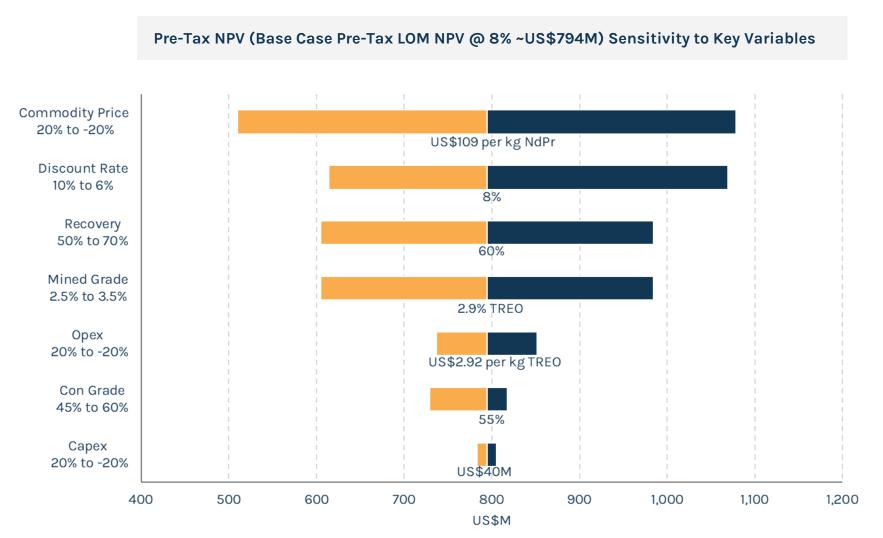
Based on Project Blue rare earth pricing forecasts.

Note: For the Feasibility Study results announced on 1 July 2024 (and the linked FS Presentation dated 3 July 2024), Lindian assumed that no additional "resource rent tax" (RRT) will apply to the Kangankunde Project. This assumption was based on information contained in the licence related documentation, various discussions with the legacy RVRD shareholders and senior Government officials (2024), and Lindian tax act interpretation and advice (2024). If, however, it is later determined that the RRT will apply to Kangankunde, then based on Company internal calculations the key economic results will change to: NPV<sub>8</sub> (Post Tax) US\$47IM (A\$705M); IRR (Post Tax) 72%; Payback Period (Post Tax) 1.7 Years; Average Operating Cashflow US\$49.6M (A\$74.9M) and NPV/Capex Ratio (Post Tax) 11.5 times.

## FINANCIAL EVALUATION - SENSITIVITIES

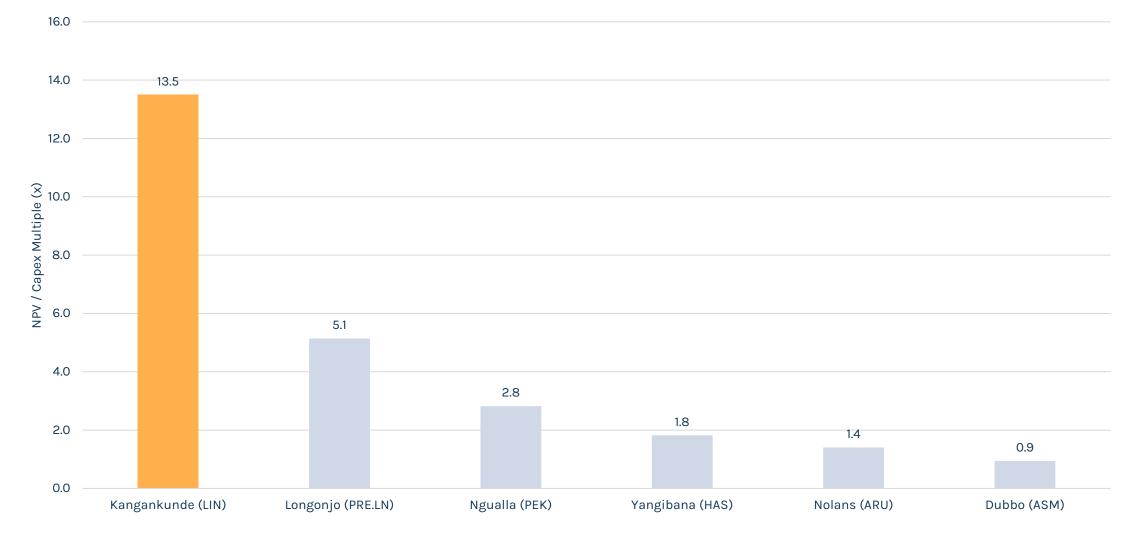


## Robust project economics continue to deliver positive NPV results in various risk scenarios





### One of the highest Return on Capital results of global rare earths projects (post-tax)



## FINANCING STATUS – NEXT 18-MONTHS

**Pre-production capital costs** 



## Potential uses of funds next 18-months of US\$60M-\$70M

Vendor payment (at first commercial production - late 2025)

Corporate costs (18months)

Pre-production operating costs (mostly 2025)

Kangankunde Stage 2

# Funding solutions being progressed

- Several positive discussions underway in recent months.
- Parties engaged include construction, trading and strategic investor groups.
- Initial priority is to secure sufficient funding to award construction contracts.
- Aim to maximise non-equity component to minimise shareholder dilution.
- Target funding conclusion in Q3 2024.

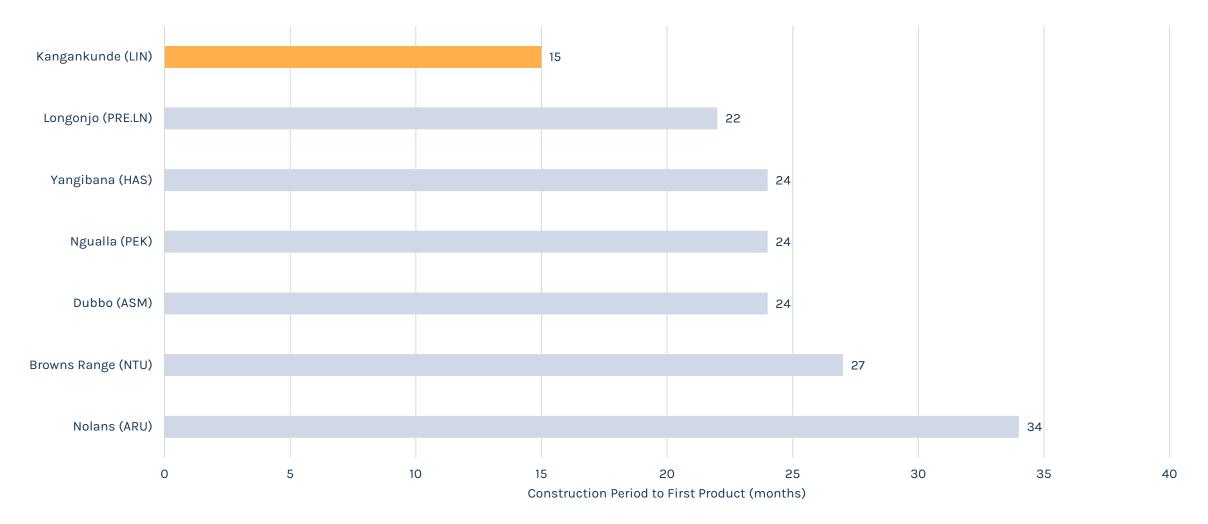


### Estimated 15-months from funding confirmation to first product on ship

| Calendar Year                               | 2024 |    | 2025 |    |    | 2026 |    |    |    |
|---------------------------------------------|------|----|------|----|----|------|----|----|----|
| Quarter                                     | Q2   | QЗ | Q4   | Q1 | Q2 | QЗ   | Q4 | Q1 | Q2 |
| Feasibility Study complete                  |      |    |      |    |    |      |    |    |    |
| Engineering design                          |      |    |      |    |    |      |    |    |    |
| Funding confirmation                        |      |    |      |    |    |      |    |    |    |
| Civil works contract award                  |      |    |      |    |    |      |    |    |    |
| Enabling works/bulk earthworks              |      |    |      |    |    |      |    |    |    |
| Mining contract award                       |      |    |      |    |    |      |    |    |    |
| Process Plant EPC award                     |      |    |      |    |    |      |    |    |    |
| Process procurement and construction period |      |    |      |    |    |      |    |    |    |
| Commissioning and ramp up period            |      |    |      |    |    |      |    |    |    |
| First concentrate production                |      |    |      |    |    |      |    |    |    |
| First product on ship                       |      |    |      |    |    |      |    |    |    |



### Kangankunde positioned to be the next producer of hard rock rare earths



Note: Apart from Pensana Plc (PRE) all of these development rare earth companies have not commenced construction and are awaiting funding to commence construction. Based on publicly available information – refer Appendix Source Data #4.

## **OPERATING SUSTAINABLY**





Keeping everyone

Safe

Supporting

Community

Respecting

Culture

Being

### **Responsible and ethical**

Strong

Governance

Looking after

Environment



#### **Community engagement**

- Long-standing relationship with local communities.
- Community members' resettlement process.
- Community Engagement Plan developed with and strongly endorsed by community.
- Establishment of community committee with Lindian and government representatives.

#### Social investment

- Construction of local police mobile unit.
- Donation of desks to schools.

#### **Economic opportunity**

- Taxes, royalties.
- Jobs and training opportunities.
- Small business opportunities.





# Low environmental impact and radiation, fully permitted to commence construction and operations

### Environmental and Social Impact Assessment (ESIA)

- ESIA completed and approved by Malawi Government.
- Environmental Management Plans developed.
- Environmental Monitoring Plan to be put in place.

### **Radiation management**

- Ore contains low Th (50ppm) and U (6ppm).
- Product classified as nonradioactive for transport.

## Tailings management facility (TSF)

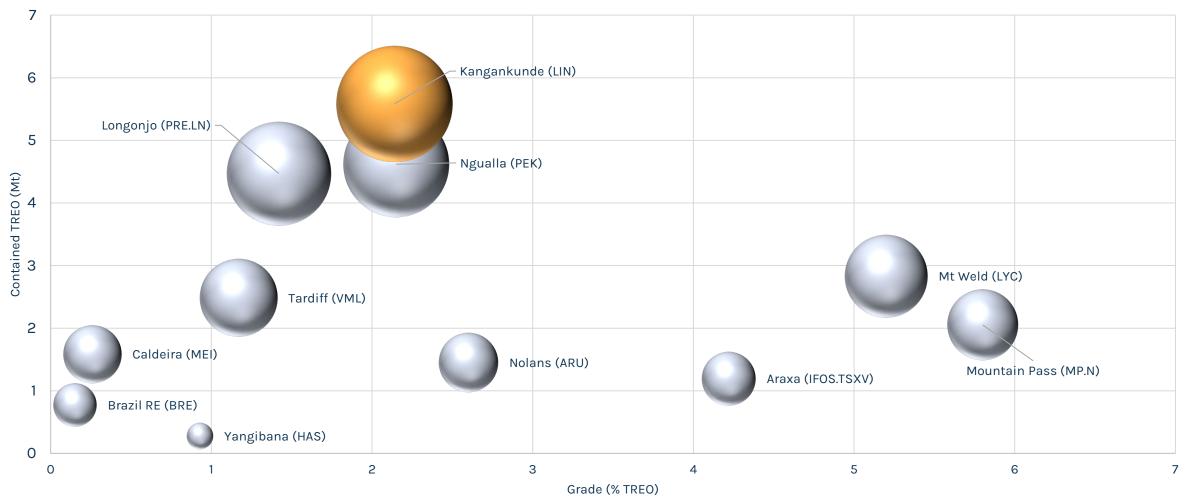
- Professionally designed facility.
- Clean process of gravity and magnetic separation result in clean water recirculation without a treatment process.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MALAWI GOVERNMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mines and Minerals Act<br>(Act No.8 of 2019)<br>Medium-Scale Mining Licence No. MML 0250/22<br>This Access formation that 22 of grant and the 22 of the second state of Mining Licence No. MML 0250/22 of the<br>University of Mining Licence No. MML 0250/22 of the<br>University of Mining Licence No. MML 0250/22 of the                                                                                                                                                                          |
| MALAWI GOVERNMENT<br>Mines and Minerals Act<br>(Act No.8 of 2019)<br>Exploration Licence No. EL0514/18R<br>This Element's term is extended on this 10 <sup>44</sup> day of October, 20<br>Government of Malani, acting through the Minuter of 16<br>To                                                                                                                                                                                                                                                                                                     | having its registered address at P.O. 2005 131, LILONGWE, MALAW,<br>who have dady accepted the terms and conditions attached.<br>This licence confers the licensee the exclusive right to prospect for and mini-<br>minerally in the area as described everleaf and outlined in a plan. Appendix A<br>for a term of TEN years commencing on the above date with an option to<br>extend the term in accordance with Section 154 of the Himes and Himeral<br>Act.<br>Dated this FR. day of . M. Filter |
| RIFT VALLEY RESOURCE OFFICOPMENTS LIM<br>having its registered address at 0.0. 00X 331, LLDONGVOR, in<br>the have duly accepted the terms and conditions attack<br>This forces grants the formulae the explaine rights to prospect for<br>is the area at described overledge of a plane, Appendix,<br>final term of TWO years commencing on the above date with no of<br>extend the term in accordance with Section 119 of the Messes and y<br>Art.<br>Dated this Art day of Arthour 2004<br>Non. Alorize Charg anamako, INP. 81 FEB<br>Minister of Mining | uineral <sup>(1)</sup> , <sup>1</sup><br>A, for a<br>Perior to<br>Mineral <sup>(2)</sup><br>Mineral <sup>(2)</sup><br>3<br>3<br>22h                                                                                                                                                                                                                                                                                                                                                                  |

## **RESOURCE & DEMAND GROWTH => EXPANSION**



# Kangankunde's large Resource endowment, plus robust market demand forecasts, provide confidence for a potential Stage 2 expansion



Note: Size of bubble represents contained TREO Based on publicly available information – refer Appendix Source Data #1

## **OUTSTANDING FEASIBILITY RESULTS**



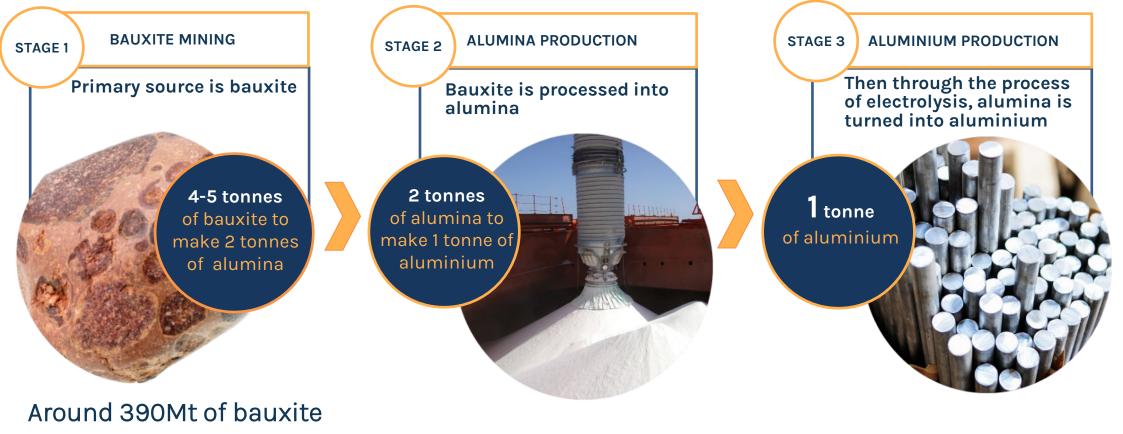




## Bauxite Projects



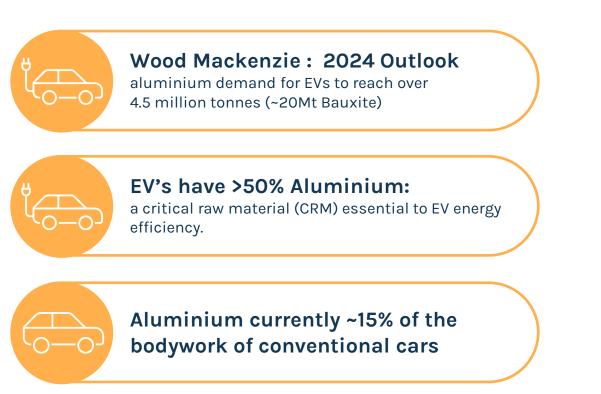
RESOURCES LTD.



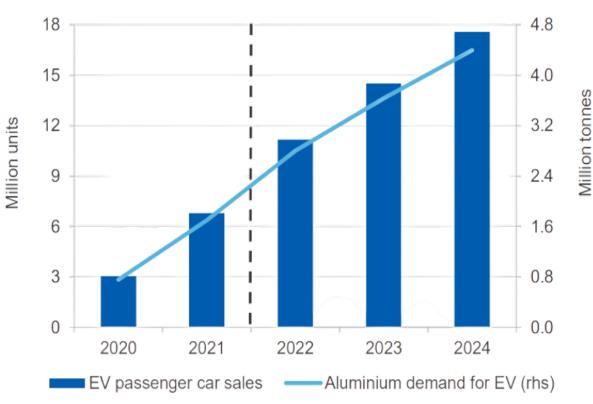
rock is mined annually, with 85% of it used to make aluminium



### World Bauxite demand for EVs



Global EV car sales vs aluminium demand



Source: Wood Mackenzie (2022); Department of Industry, Science and Resources (2022)





- Lindian's bauxite projects have a combined 1Bt JORC resource<sup>1</sup>.
- Guinea export capacity has increased by 500% from approx. 20Mt per year in 2015 to >100Mt per year in 2022.
- Guinea bauxite production is increasing yearon-year currently at ~40Mt<sup>2</sup>.
- Guinea has 16 operating bauxite mines through four major bauxite export corridors.

2. Mining.com

<sup>1.</sup> For all resource statements refer Competent Persons statement



- Very high-grade, low silica (screening studies), close to infrastructure located approximately 60km to CBG railhead.
- Gaoual supply MOU with CBG, Rio Tinto and Halco Mining (RIO Tinto / Allcan / Alcoa / Dadco); Gaoual supply agreement with C&D Logistics for 23Mt.

|                         | Resources<br>(Mt) | Cut-off<br>(Al <sub>2</sub> O <sub>3</sub> %) | Grade<br>(Al <sub>2</sub> O <sub>3</sub> %) | Grade<br>(SiO <sub>2</sub> %) | Category  |
|-------------------------|-------------------|-----------------------------------------------|---------------------------------------------|-------------------------------|-----------|
| High Grade<br>Resources | 83.8              | 45                                            | 51.2                                        | 11.0%                         | Indicated |
| Total<br>Resources      | 101.5             | 40                                            | 49.8                                        | 11.5%                         | Indicated |

#### **Gaoual Screening Results**

| Gaoual High<br>Grade |       | Average<br>1.5+ | Average<br>1.5- |
|----------------------|-------|-----------------|-----------------|
| Dry                  | Pit 1 | 87.0%           | 13.0%           |
| Dry                  | Pit 3 | 94.1%           | 5.9%            |
| Dry                  | Pit 4 | 93.5%           | 6.5%            |
| Dry                  | Pit 6 | 81.7%           | 18.3%           |
| Dry                  | Pit 7 | 79.5%           | 20.5%           |
|                      |       | 87.2%           | 12.8%           |

#### **Gaoual Assay Results**

|   | Coarse Fraction      |       |                                |                  |                                |                  |      |  |
|---|----------------------|-------|--------------------------------|------------------|--------------------------------|------------------|------|--|
|   | Gaoual High<br>Grade |       | AI <sub>2</sub> O <sub>3</sub> | SiO <sub>2</sub> | Fe <sub>2</sub> O <sub>3</sub> | TiO <sub>2</sub> | LOI  |  |
|   | Dry                  | Pit 1 | 58.5                           | 2.1              | 8.4                            | 3.42             | 26.9 |  |
|   | Dry                  | Pit 3 | 58.8                           | 3.1              | 7.3                            | 2.24             | 28.1 |  |
|   | Dry                  | Pit 4 | 56.3                           | 2.6              | 10.7                           | 2.48             | 27.3 |  |
|   | Dry                  | Pit 6 | 59.5                           | 3.1              | 4.9                            | 2.28             | 29.8 |  |
|   | Dry                  | Pit 7 | 58.6                           | 3.2              | 6.6                            | 2.62             | 28.4 |  |
| _ |                      |       | 58.4                           | 2.8              | 7.6                            | 2.61             | 28.1 |  |

# LELOUMA PROJECT

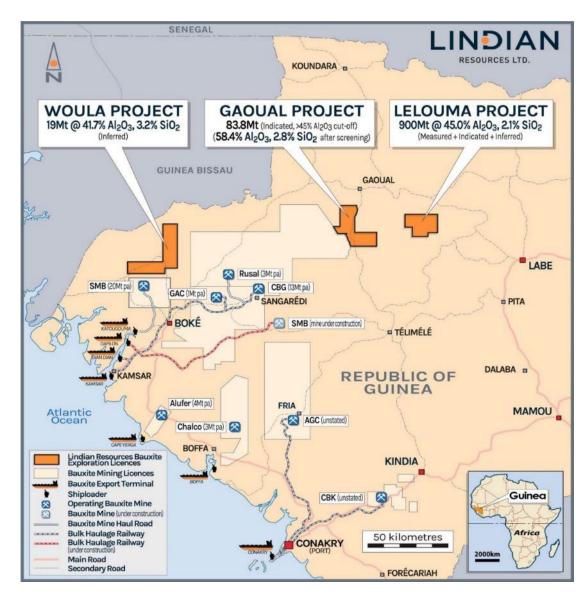
LINDIAN RESOURCES LTD.

## High grade, low silica large resource

| Cut-off<br>Criteria                 | Mineral Resource<br>Category | Tonnes<br>(Mt) | Al <sub>2</sub> O <sub>3</sub> (%) | SiO <sub>2</sub> (%) |
|-------------------------------------|------------------------------|----------------|------------------------------------|----------------------|
| >40% Al <sub>2</sub> O <sub>3</sub> | Measured                     | 155            | 47.9                               | 1.8                  |
| <10% SiO <sub>2</sub>               | Indicated                    | 743            | 44.4                               | 2.1                  |
| >1m Thick                           | Measured + Indicated         | 898            | 45.0                               | 2.1                  |
| <1 Strip ratio                      | Inferred                     | 2              | 42.9                               | 2.8                  |
| (waste:ore<br>thickness)            | Grand total M+I+I            | 900            | 45.0                               | 2.1                  |

Table 1 Lelouma Mineral Resource Statement (Inclusive of the Mineral Resources below in Table 2)

| Cut-off<br>Criteria                 | Mineral Resource<br>Category | Tonnes<br>(Mt) | Al <sub>2</sub> O <sub>3</sub> (%) | SiO <sub>2</sub> (%) |
|-------------------------------------|------------------------------|----------------|------------------------------------|----------------------|
| >45% Al <sub>2</sub> O <sub>3</sub> | Measured                     | 115            | 49.6                               | 1.8                  |
| <10% SiO <sub>2</sub>               | Indicated                    | 284            | 47.6                               | 2.1                  |
| >1m Thick                           | Measured + Indicated         | 398            | 48.1                               | 2.0                  |
| <1 Strip ratio                      | Inferred                     | 0.1            | 46.1                               | 2.8                  |
| (waste:ore<br>thickness)            | Grand total M+l+l            | 398            | 48.1                               | 2.0                  |



LINDIAN RESOURCES LTD.

# Supplementary feed asset close to infrastructure

| Cut-off Criteria                                                             | Mineral<br>Resource | Tonnes | Al <sub>2</sub> O <sub>3</sub> | SiO <sub>2</sub> |
|------------------------------------------------------------------------------|---------------------|--------|--------------------------------|------------------|
| >40% Al <sub>2</sub> O <sub>3</sub>                                          | Inferred            | 19     | 41.7                           | 3.2              |
| 10% SiO <sub>2</sub> />1m Thick / <1<br>strip ratio (waste:ore<br>thickness) | Total               | 19     | 41.7                           | 3.2              |





# CONCLUSIONS



## Rare Earths: Kangankunde - Malawi

- Global tier one rare earths asset.
- Mining-friendly jurisdiction.
- Low cost Stage 1 project.
- Significant Stage 2 expansion potential.
- Robust Stage 1 project economics.
- Short term path to production.

## **Bauxite: Guinea**

- Growing bauxite market.
- High-grade high-quality, major assets.















## Alwyn Vorster

CHIEF EXECUTIVE OFFICER

E - info@lindianresources.com.au

## Linda Gimondo

MANAGER CORPORATE AFFAIRS

E - Linda.gimondo@lindianresources.com.au





# Appendices



## **EXPERIENCED LEADERSHIP TEAM**



## Board



#### Asimwe Kabunga Executive Chairman

- Tanzanian born Australian entrepreneur The visionary behind the company's strategy
  - Major shareholder
  - Commercially astute and strategic investor



Yves Occello Non-Executive Director

Park Wei

Joint Company

Secretary

- 45-year veteran of the bauxite and alumina industry
- Previously Technical Director at Alcan & Rio Tinto Alcan
- Previous board member of "CBG" - Guinea's largest bauxite producer



- Investment specialist in mining, property and finance
- Chairman Pan Australia Management Pty Ltd Non-Executive Director
  - Expert strategist in China relationships ٠



- Chartered Accountant
- Bachelor of Commerce (accounting and finance) .
- Over 20 years' experience in accounting and ASX compliance.

## **Executive Leadership Team**



- Alwyn Vorster Chief Executive Officer
- 30-years' experience across total mining supply chain from exploration, studies, mine development and minerals marketing
  - Ex-CEO of Hastings (rare earths), BCI Minerals (salt & potash), Iron Ore Holdings (iron ore)
  - Ex or current NED of Volt Resources (graphite), Arrow Minerals (iron ore) and ChernX Materials (HPA)



- Trevor Matthews Executive Director and Finance and Commercial
- 35-year resources industry nascent greenfield to mining production experience, graphite, minerals sands, iron ore
- . Ex MD/CEO of Volt Resources, Murchison Metals, MZI
- Current Chair ASX:VTM, NED ASX:RMI





- 30-years project construction experience globally
- Previous roles with Primero Group Limited, Laing O'Rourke and Forge Group Ltd



- Linda Gimondo Manager Corporate Affairs
- 20 year's experience in corporate communications, stakeholder and government relations
  - Significant critical minerals experience rare earths and lithium
  - Previous Corporate Affairs Manager of Pilbara Minerals



The information in this presentation that relates to Exploration Results, Metallurgy Results, and Mineral Resources of the Kangankunde Rare Earths Project is extracted from reports released to the Australian Securities Exchange (ASX) and which are available to view at www.lindianresources.com.au and for which Competent Persons' consents were obtained.

The Competent Persons' consents remain in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent. Unless otherwise stated, where reference is made to previous releases of Exploration Results, Metallurgy Results and Mineral Resources in this presentation, the Company confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the Exploration Results, Metallurgy Results, and Mineral Resources included in those announcements continue to apply and have not materially changed.

The Competent Persons' consents for the Mineral Resource Estimate for Kangankundel remain in place for subsequent releases by the Company of the same information in the same form and context as originally announced, until the consent is withdrawn or replaced by a subsequent report and accompanying consent. The Company confirms that is not aware of any new information or data that materially affects the Mineral Resource Estimate of the Kangankunde Projects, and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed<sup>1</sup>. The information in this presentation that relates to the Ore Reserve for the Kangankunde project is based on and fairly represents information and supporting documentation compiled by Mr David Clark, a Competent Person who is a full time employee of Minero Consulting, a company engaged by Lindian Resources. Mr Clark is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Clark has sufficient experience which is relevant to the style and mineralisation of the deposit under consideration and to the activity being undertaken to quality as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Ore Reserves (2012 JORC Code). Mr Clark does not hold any securities in Lindian and consents to the inclusion in this presentation of all technical statements based on his information in the form and context in which they appear<sup>2</sup>.

<sup>1</sup> Refer ASX announcement dated 2 May 2024 "Updated Mineral Resource Estimate for Kangankunde".

<sup>2</sup> Refer ASX Announcement dated 1 July 2024 – "Outstanding Kangankunde Stage 1 Feasibility Study Results".

The information in this presentation that relates to Mineral Resources for the Lelouma, Woula, and Gaoual Bauxite Projects in Guinea are extracted from announcements published on ASX on 6 October 2020, 22 October 2020 and 4 February 2021 respectively and are available for viewing on the Company website <u>www.lindianresources.com.au</u>. The Company confirms it is not aware of any new information or data that materially affects the information in those original announcements and in the case of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not markedly changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

# **KANGANKUNDE - RESOURCES & RESERVES**

## Mineral Resource Inclusive of Reserves @ 0.5% TREO Cut-off Grade

| Resource<br>Classification | Tonnes<br>(millions) | TREO<br>(%) | NdPr% of<br>TREO**<br>(%) | Tonnes<br>Contained<br>NdPr*<br>(millions) |
|----------------------------|----------------------|-------------|---------------------------|--------------------------------------------|
| Indicated                  | 61                   | 2.43        | 20.1                      | 0.3                                        |
| Inferred                   | 200                  | 2.05        | 20.4                      | 0.8                                        |
| Total Resource             | 261                  | 2.14        | 20.3                      | 1.1                                        |

• Rounding has been applied to 1.0Mt for tonnes and 0.1% NdPr% of TREO which may influence total calculation.

• \*NdPr = Nd<sub>2</sub>O<sub>3</sub> + Pr6O<sub>11</sub>, \*\* NdPr% / TREO% x 100.

• Updated Mineral Resource Estimate for Kangankunde refer ASX Announcement: 2 May 2024.

## Ore Reserve @ 1% TREO Cut-off Grade

| Classification | Ore Tonnes<br>(Mt) | TREO grade<br>(%) | NdPr % of<br>TREO | Contained<br>TREO<br>(kt) |
|----------------|--------------------|-------------------|-------------------|---------------------------|
| Proved         | -                  | -                 | -                 | -                         |
| Probable       | 23.7               | 2.9               | 20                | 676                       |
| Total          | 23.7               | 2.9               | 20                | 676                       |

• Figures have been rounded to the appropriate level of precision for the reporting of Ore Reserves.

- Due to rounding, some columns or rows might not compute exactly as shown.
- Ore Reserves are stated as in-situ dry tonnes, figures are reported in metric tonnes.
- The Reserve is derived from Indicated Mineral Resources.
- The Ore Reserves are defined on the basis that inventory above a defined cut-off.
- Modifying factors applied are described in ASX release dated 1 July 2024.



Coarse monazite and strontianite

12cm

LINDIAN

**RESOURCES LTD.** 

## **KANGANKUNDE - RISKS AND OPPORTUNITIES**



| RISKS                               |                                                                                                          | OPPORTUNITIES        |                                                                                                                                |  |
|-------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------|--|
| Area                                | Risk Description                                                                                         | Area                 | Opportunity                                                                                                                    |  |
| Approvals                           | Delays in approvals to commence construction.                                                            | Ore Reserves         | The current Mineral Resource includes 61Mt of<br>Indicated Resource, with only 23.7Mt converted<br>to Ore Reserves.            |  |
| Taxes and<br>Ownership <sup>1</sup> | Additional taxes and/or government<br>ownership apply to what have been<br>assumed in Feasibility Study. |                      | An "Expansion" pit design suggests an additional 37Mt could be converted to Reserves                                           |  |
| Licence,<br>Title & Regulatory      | Non-compliance with, or change in, permitting regulations.                                               |                      | with minimal expenditure and within a reasonable timeline.                                                                     |  |
| Costs                               | Higher than expected capital and operating costs.                                                        | Stage 2<br>Expansion | The Company plans to commence a study for a expansion project, driven by product demand, learnings from the Stage 1 FS and the |  |
| Metallurgy                          | Higher than expected variability in metallurgical recovery rate and product grade.                       |                      | significant Mineral Resource.                                                                                                  |  |
| Funding                             | Inability or significant delays to secure funding for Stage 1.                                           |                      |                                                                                                                                |  |
| Pricing                             | Lower than expected long-term low rare earth price.                                                      | 1 Note: See          | e note on Financial Evaluation slide in this presentation                                                                      |  |

# SOURCE DATA #1 (RESOURCE)



| Company                 | Code   | Project       | % TREO | Contained TREO (t) | Source Document (s)                                                                                                                                   |
|-------------------------|--------|---------------|--------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pensana Plc             | PRE.LN | Longonjo      | 1.43   | 4,470,000          | a. Annual Report 2023, 11 October 2023, Page 25 <u>https://pensana.co.uk/wp-content/uploads/2023/10/Pensana-AR-2023_FINALpdf</u>                      |
| Peak Rare<br>Earths     | PEK.AX | Ngualla       | 2.15   | 4,620,000          | a. Ngualla Rare Earths Project Completion of BFS, 24 October 2022, Page 8<br>https://announcements.asx.com.au/asxpdf/20221024/pdf/45gmwx90xvxvh9.pdf  |
| Lindian                 | LIN.AX | Kangankunde   | 2.14   | 5,585,400          | a. Kangankunde Mineral Resource Estimate Updated, 2 May 2024, Page 2<br>https://announcements.asx.com.au/asxpdf/20240502/pdf/0634yfnttdfvs4.pdf       |
| Arafura Rare<br>Earths  | ARU.AX | Nolans        | 2.6    | 1,453,400          | a. Nolans Project Update, 11 November 2022, Page 8<br>https://announcements.asx.com.au/asxpdf/20221111/pdf/45hhscx5jhx0fh.pdf                         |
| Meteoric Rare<br>Earths | MEI.AX | Caldeira      | 0.25   | 1,395,745          | a. Mineral Resource Increases by 50%, 14 May 2024, Page 1<br>https://announcements.asx.com.au/asxpdf/20240514/pdf/063jsc4nny4r0z.pdf                  |
| ITAFOS                  | IFOS.V | Araxa         | 4.22   | 1,191,000          | a. ITAFOS website https://itafos.com/projects/itafos-araxa/                                                                                           |
| Hastings                | HAS.AX | Yangibana     | 0.93   | 276,955            | a. Yangibana Ore Reserves Increase by 25%, 6 February 2023, Page 2<br>https://announcements.asx.com.au/asxpdf/20230206/pdf/45I9yjck4pk40g.pdf         |
| Brazil Rare<br>Earths   | BRE.AX | Brazil RE     | 0.15   | 771,630            | a. Corporate Presentation, 22 December 2023, Slide 20<br>https://investors.brazilianrareearths.com/announcements/5807267                              |
| Lynas                   | LYC.AX | Mt Weld       | 5.2    | 2,828,800          | a. Annual Report 2023, 12 October 2023, Page 107<br>https://announcements.asx.com.au/asxpdf/20231012/pdf/05w02nk1hl44hx.pdf                           |
| MP Materials            | MP.N   | Mountain Pass | 5.8    | 2,053,359          | a. Annual Report 2023, 28 February 2024, Page 34 <u>https://d18rn0p25nwr6d.cloudfront.net/CIK-0001801368/5a26f6b3-3eaa-4428-91e6-717361143d77.pdf</u> |
| Vital Metals            | VMLAX  | Tardiff       | 1.17   | 2,482,922          | a. Tardiff Resource Estimate, 4 April 2024, Page 3<br>https://announcements.asx.com.au/asxpdf/20240404/pdf/06256shw1vslpz.pdf                         |