



MEA



GLOBAL CRITICAL MINERALS MARKET

# **Top 10 Competitor Insights & Gap Analysis**





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# 1 COMPETITOR BENCHMARK AND PRODUCT INSIGHT

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## 1.1 ARAFURA RESOURCES

Level 6, 432 Murray St, Perth WA 6000, Australia

**Contact Number:** +61 8 6370 2800

**Website:** [www.arultd.com](http://www.arultd.com)

### 1.1.1 COMPANY OVERVIEW

Arafura Resources is an Australian rare earths developer focused on advancing its Nolans Project to production, headquartered in Perth, Western Australia. The company was formerly named Arafura Resources but was renamed Arafura Rare Earths Ltd in October 2022.

### 1.1.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION
<b>Neodymium-Praseodymium (NdPr) Oxide</b>	Flagship product of the Nolans Project (Northern Territory, Australia); high-purity oxide used to make NdFeB permanent magnets, which are critical for EV drive motors, wind turbines, robotics, and a range of electronics; targets leading automotive, wind, and tech supply chains globally.
<b>Mixed Middle-Heavy Rare Earths (SEG/HRE) Oxide</b>	Byproduct containing samarium, europium, gadolinium, dysprosium, terbium, holmium, and ytterbium, used in advanced electronics, magnets, medical imaging, and defense.



<b>Phosphate By-product (Phosphoric Acid)</b>	Fertilizer-grade 54% P <sub>2</sub> O <sub>5</sub> phosphoric acid is produced as a byproduct during extraction, suitable for export and use in agriculture.
<b>Ore-to-Oxide Vertically Integrated Supply</b>	Arafura's Nolans project comprises mining, concentration, extraction, and separation, providing a secure, traceable, and ESG-aligned supply chain for rare earths – a rare offering outside China.
<b>Strategic Offtake and Partnerships</b>	MoU and emerging offtake agreements with GE Renewable Energy and other OEMs for long-term NdPr supply, especially for renewable energy and offshore wind.
<b>Local and Indigenous Community Engagement</b>	Focused local job creation (including 20% Indigenous employment target), environmental stewardship, and site rehabilitation.
<b>Sustainable Processing/ESG Standards</b>	Full environmental permitting for mining, extraction, separation, and on-site waste management; recognized for high traceability standards.
<b>Potential Expansion and Processing for Third Parties</b>	Plans and studies underway to expand capacity and become a regional downstream processing hub for third-party rare earth concentrates.

**Source: Company Website**

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## 1.2 BHP

### 1.2.1 COMPANY OVERVIEW

### 1.2.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website

## 1.3 FREEPORT-MCMORAN

### 1.3.1 COMPANY OVERVIEW

### 1.3.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website



## 1.4 GLENCORE

### 1.4.1 COMPANY OVERVIEW

### 1.4.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website

## 1.5 ILUKA RESOURCES

### 1.5.1 COMPANY OVERVIEW

### 1.5.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website





## 1.6 LYNAS RARE EARTHS

### 1.6.1 COMPANY OVERVIEW

### 1.6.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website

## 1.7 MP MATERIALS

### 1.7.1 COMPANY OVERVIEW

### 1.7.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website

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## 1.8 RIO TINTO

### 1.8.1 COMPANY OVERVIEW

### 1.8.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website

## 1.9 SOUTHERN COPPER

### 1.9.1 COMPANY OVERVIEW

### 1.9.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website



## 1.10 VALE

### 1.10.1 COMPANY OVERVIEW

### 1.10.2 PRODUCTS / SERVICES

PRODUCTS / SERVICES	DESCRIPTION

Source: Company Website



## 2 GAP ANALYSIS

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- **Rare Earths Dominance:**
- **Battery Metals Diversification:**
- **Recycling and Circular Economy:**
- **Geographic Diversification:**
- **Sustainability and ESG:**

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