



Resource Development Group

2025 Half Year Investor Update

February 2025 | ASX **RDG**



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SAFETY HIGHLIGHTS

- ➔ Stage 2 External Audit well advanced - ISO 45001 / 14001 / 9001 certification for Australian Garnet by 30 June 2025 will be welcomed by its customers.
- ➔ Review and development of AGPL Health and Safety, Environmental and Quality Management Plans completed.
- ➔ Office of Federal Safety Commission (OFSC) – Closure of prior audit corrective actions, in preparation for upcoming biannual audit.
- ➔ Fire Fighting scenario at Lucky Bay and emergency awareness training.
- ➔ Strong safety culture throughout the company.

Lost
Time Injuries

Zero

Past 4 1/2 Years

The safety and health of our people continues to be our first priority.

TRIFR¹

1.3

12-month Rolling
to 31 January 2025

Management ensures that safety systems and processes continue to evolve and improve.

LTIFR²

Zero

12-month Rolling
to 31 January 2025

Current LTIFR is below the industry average, signifying a strong safety culture within the organisation.

¹ TRIFR = Total Recordable Injury Frequency Rate. ² LTIFR = Lost Time Injury Frequency Rate



HY25 FINANCIAL PERFORMANCE

Revenue

\$56.1m

▲ 10%
compared to HY24

NPAT

\$5.9m

▼ 4.7%
compared to HY24

Net Tangible Assets

\$137.7m

▲ 11%
compared to HY24

Borrowings




\$130.7m

▲ 12%
compared to HY24



MINING SERVICES HY25 REVIEW

- Centrals has been delivering projects since 2010, principally in the resources sector mainly across the northwest of WA.
- Following a very busy year in FY24, Centrals activity slowed somewhat as large projects came to their conclusion.
- Acquisition of concrete batch plant has lessened reliance on third parties for concrete production and provides another stream of revenue.
- Completion of various projects:
 - **Onslow Iron Project:** construct the structural concrete foundations at Kens Bore, processing plant and Onslow Port, for MRL.
 - **Onslow Iron Project:** construct the concrete structures on the OIP Haul road to Main Roads WA specifications, for MRL
- Ongoing projects during HY25:
 - **Mardie Salt Project:** Secondary Seawater Intake Pump Station package, for BCI Minerals
 - **Lucky Bay Garnet Process Plant Project:** complete several process plant modifications to improve efficiency and throughput.

	\$40.5m	REVENUE
	\$33m	PLANT/EQUIP (ORIGINAL COST)
	66	PERSONNEL



MINING SERVICES OUTLOOK

- ➔ Package of ongoing minor works for MRL on the Onslow Iron Project.
- ➔ BCI Minerals' Mardie Salt Project, currently being constructed.
- ➔ Main Roads W.A. road and bridge prequalification status means that Centrals is actively seeking new opportunities.
- ➔ Other opportunities identified and are in the tendering process.
- ➔ Our KingCentrals JV is being offered tendering opportunities.



COMMODITIES HY25 REVIEW

- ➔ Major plant modifications undertaken and completed to ensure production increase and product quality improves.
- ➔ The final upgrade works, incorporating the Dry Plant, scheduled to be completed during June 2025. Dry Plant design is complete, all fabricated structural steel, plate work, process piping and ductwork onsite.
- ➔ Two tailings discharge cyclones have been shipped from the United States, scheduled to arrive late April. The fabricated skids will arrive onsite early March; this work is scheduled to be completed by the end of May.
- ➔ Strong global demand for garnet products driven by continued investment in energy assets, infrastructure and defence capability.



\$15.6m

REVENUE



\$247m

MINE DEVELOPMENT
ASSETS



130ktpa

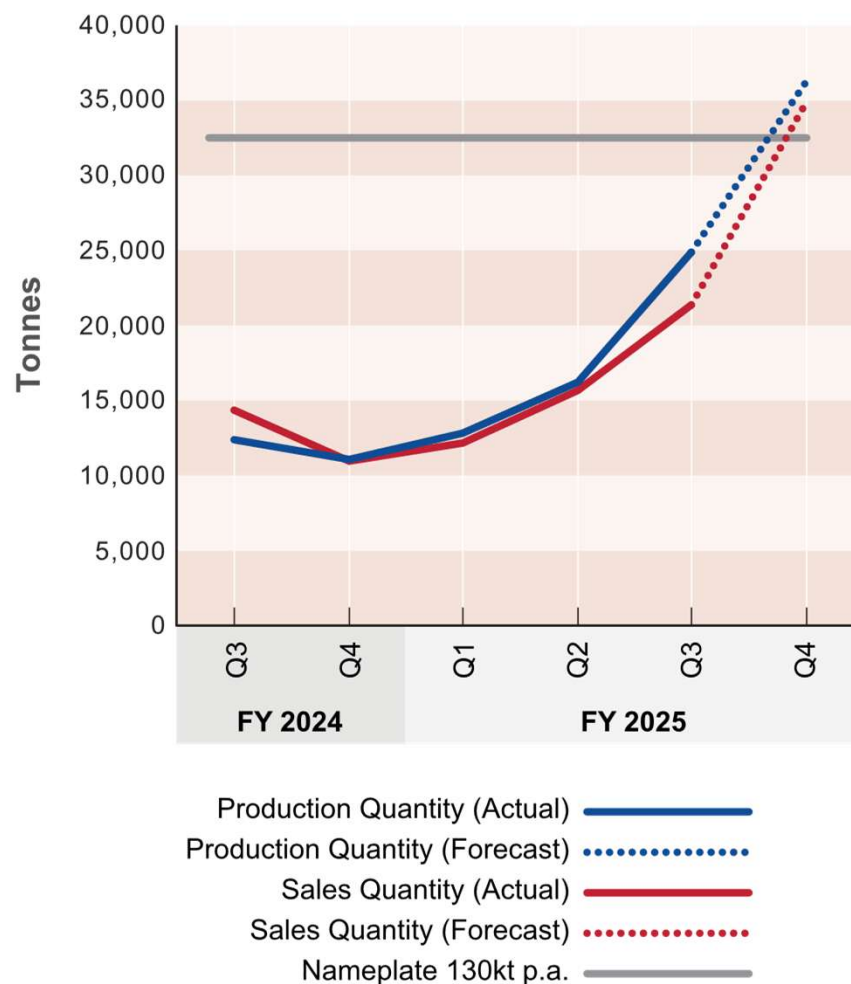
NAMEPLATE
CAPACITY LUCKY BAY



COMMODITIES OUTLOOK

- ➔ Ramp-up to nameplate capacity at Lucky Bay, as recent modifications, upgrades and new dryer are now on-line. Complete Dry Plant upgrade.
- ➔ Additional screens and magnets installed to improve bagged garnet production and quality of garnet produced.
- ➔ Additional processing of the non-garnet heavy minerals is yielding a much higher quality Ilmenite stream and improved concentration of the non-magnetic heavy mineral stream.
- ➔ Planned upgrade to the tailings discharge system is anticipated to reduce operating costs and improve plant utilisation.

Australian Garnet – Lucky Bay Quarterly Sales/Production 2024-2025



TECHNOLOGIES

TURNING WASTE INTO OPPORTUNITY

RDG'S RED MUD PILOT PLANT

RDG, whilst collaborating with various stakeholders, continues to process bauxite residue (Red Mud), an industrial waste, leveraging proprietary technologies gained through the acquisition of Peloton Resources.

With an estimated 4 billion tonnes¹ of Red Mud stored globally in tailings ponds, there is a significant opportunity for the company to participate in the circular economy and to also reduce the environmental impact associated with Red Mud.

RDG's commercialisation strategy targets the production of:

- ➔ **High Purity Alumina (HPA):** A critical material for **EV batteries and LED lighting** applications.
- ➔ **Aluminous feedstock:** A sustainable input for the **Bayer process** in alumina refining.
- ➔ **Iron products:** Key components for the **Green Steel** industry, supporting low-carbon steelmaking.
- ➔ **Fertilisers:** Providing agricultural benefits through nutrient recovery from Red Mud.

1 Wang, W.; Pranolo, Y.; Chu, Y.C. Recovery of scandium from synthetic red mud leach solutions by solvent extraction with D2EHPA. Sep. Purif. Technol. 2013, 108, 96–102.



TECHNOLOGIES

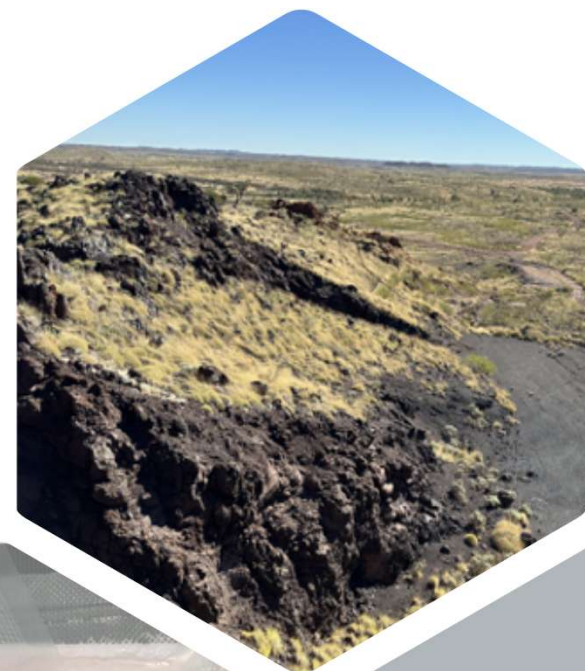
POWERING PROGRESS

AUSTRALIA'S FIRST HPMSM PRODUCTION FACILITY

In 2022, the Company identified the growing demand for **High Purity Manganese Sulphate Monohydrate (HPMSM)**, a critical raw material in electric vehicle (EV) battery production. With global supply deficits anticipated, the Company successfully produced its first HPMSM in **November 2023 (ASX: 15/11/2023)** and has since made significant advancements across multiple fronts:

including:

- ➔ **Pilot Plant Success:** The Company has built and operated its own pilot plant, producing multiple HPMSM samples that exceed industry specifications.
- ➔ **Process Optimisation:** Ongoing efforts to enhance efficiency and overall performance.
- ➔ **Resource Expansion:** A substantial increase in the **Ant Hill** resource base (**ASX: 29/11/2024**) now supports an estimated project lifespan of over **40 years**.
- ➔ **Strategic Financing:** Continued collaboration with the **Northern Australia Infrastructure Facility (NAIF)** to secure financing support, fostering sustainable economic growth in the **Pilbara Region of Western Australia**.
- ➔ **Industry Partnerships:** Ongoing discussions and collaborations with EV and battery manufacturers and international traders.



TECHNOLOGIES

POWERING PROGRESS

AUSTRALIA'S FIRST HPMSM PRODUCTION FACILITY

The Company continues to advance its plans for Australia's first HPMSM production facility. To support the development, the Company engaged **Carnac Project Delivery Services**, which has successfully delivered key technical and economic assessments for the full-scale facility, including:

- ➔ **A SysCAD Model:** A comprehensive simulation of the entire HPMSM production process which will aid in optimizing efficiency and performance.
- ➔ **CAPEX Estimate:** (Class 5 AACE) A preliminary capital expenditure estimate, providing an early-stage assessment of project costs.
- ➔ **OPEX Estimate:** (Class 5 AACE) A high-level operating expenditure estimate to assess long-term economic viability.
- ➔ **Facility Schematic:** Based on the SysCAD model, a conceptual layout of the full-scale HPMSM production facility, detailing key infrastructure and process flows.

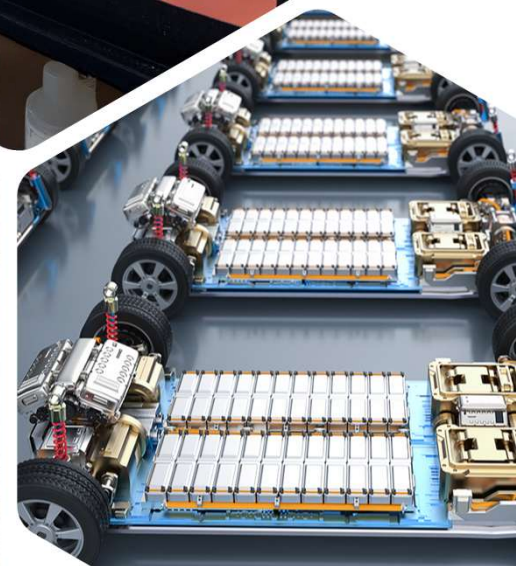
"These deliverables mark a significant step forward in the Company's strategic roadmap, reinforcing its commitment to establishing a domestic supply of HPMSM for the global battery and EV industries."



TECHNOLOGIES OUTLOOK

- ➔ **Partnership & Investment Discussions:** For the HPMSM Project, engaging with strategic partners, joint venture candidates, and potential equity investors to support project financing and development.
- ➔ **Process Optimisation & SysCAD Model Finalisation:** Continuing to refine and optimise the HPMSM production process, with the goal of finalising the SysCAD model to support full-scale development.
- ➔ **HPMSM Sample Production & Off-Take Agreements:** Producing HPMSM samples to meet the specifications of potential off-takers, with the aim of securing long-term off-take agreements.
- ➔ **NAIF Engagement – HPMSM Project:** Maintaining active discussions with the Northern Australia Infrastructure Facility (NAIF) as part of the process to secure a favourable finance package.
- ➔ **Red Mud Processing Technology Development:** Advancing the Company's Red Mud processing technologies, targeting the production of aluminous products, and additional value streams.

“These initiatives align with the Company's strategy to establish a sustainable, value-added production ecosystem while securing key commercial and financial partnerships.”



FY25 KEY FOCUS AREAS

- ➔ Continuous improvement on safety systems and processes, with a goal of “ZERO INJURIES”.
- ➔ Continue to reach Australian Garnet Lucky Bay plant nameplate capacity and look to increase by continuing to optimise plant efficiency and reduce operating costs.
- ➔ Commence discussions with potential equity partners to secure strategic investment and accelerate the development of HPMSM project.
- ➔ Continue with pilot plant operations to refine the production process, enhance efficiency, and improve productivity. Whilst producing HPMSM samples for potential off-take partners, have a goal of securing long-term supply agreements.
- ➔ Strengthening collaborations with stakeholders to enhance proprietary Red Mud processing technology, enabling the commercial production of **aluminous products**, and potentially other high-value minerals.





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