

Arafura Resources Ltd

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Arafura Resources' high-quality Nolans rare earth products validated by supply chain partners

Arafura Resources Ltd's (ASX:ARU) final rare earth oxide (REO) products from the Nolans project flowsheet piloting program have been validated by supply chain partners across the globe, including Europe, China and Japan.

Three REO products prepared at ANSTO Minerals were the culmination of processing of 15 tonnes of representative ore feed from the Nolans Neodymium-Praseodymium (NdPr) Project in the Northern Territory.

Preparation of these products involved piloting of the project's beneficiation, phosphate extraction, phosphoric acid production, rare earth extraction, rare earth processing and rare earth separation process stages to produce final NdPr oxide, middle and heavy rare earth oxide and cerium oxide products.

Assist in offtake negotiations

Managing director Gavin Lockyer said: "We trust that providing high-quality samples will assist in formalising offtake agreements with potential customers.

"Many customers are becoming more active in assessing the ESG (environmental, social and governance) aspects of their supply chains and Arafura is able to provide certainty in this regard, including the responsible management of all process waste residues at site."

REO	REO/TREO	TREO	Planned Production (tonnes per annum) ¹
NdPr Oxide	>99.9%	>99.5%	4,325
SEG-HRE Oxide	>99.5%	>99.5%	600
Ce Oxide	>99.95%	>99.5%	8,280

REO and TREO specifications.

Marketing samples of NdPr oxide product were dispatched for testing by key partners within the metal, alloying and NdFeB magnet manufacturing supply chain in Europe, China and Japan for independent chemical analysis.

This was done to confirm they comply with the tight quality specifications mandated by end-user customers in the automotive, wind energy, acoustics and personal electronics sectors.

Arafura elected to enhance the cerium oxide product from a lower value cerium hydroxide product advanced in the project's definitive feasibility study, to a more marketable, higher purity product which has now been tested by leading users in Europe and China.

Unique in Australia

Price: 0.105

Market Cap: \$122.62 m

1 Year Share Price Graph



Share Information

Code: ARU

Listing: ASX

52 week High Low
0.115 0.046

Sector: Rare earths & specialist minerals

Website: www.arultd.com

Company Synopsis:

Arafura Resources Ltd (ASX:ARU) is focused on the development and marketing of mineral resources, primarily those contained within the Nolans Neodymium-Praseodymium Project.

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When in production, Nolans will be the only Australian-domiciled NdPr-focused project that mines and processes rare earths ore through to highly refined separated REO products.

The value proposition for end-user customers in downstream advanced manufacturing is a safe, secure, transparent, commercially competitive, long-life upstream critical minerals supply chain.

Arafura can separately confirm that phosphoric acid product from flowsheet piloting has successfully passed a quality compliance assessment by an integrated fertiliser producer in India with which an offtake MOU has been signed.

Shares have been as much as 10% higher in early trade to 8.4 cents and are up from 7.2 cents at the close on September 11.

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