



WYEMANDOO PROJECT

Critical Metals Project - Lithium & Rubidium

Investor Presentation
November 2021

ASX:ARN



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COMPETENT PERSON STATEMENT

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) and has been compiled and assessed under the supervision of Luke Marshall, a geological consultant to Aldoro Resources Ltd. Mr. Marshall is a Member of the Australasian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr. Marshall consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

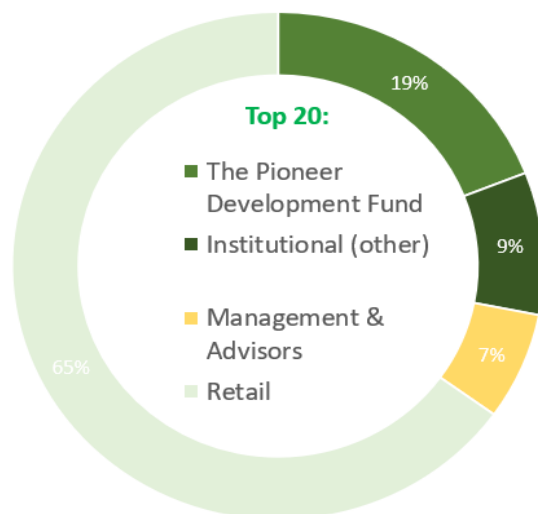
MONETARY VALUES

Unless otherwise stated, all dollar values are in Australian Dollars (A\$). The information in this presentation remains subject to change without notice.

CORPORATE OVERVIEW

Capital Structure

ASX Code	ARN
Share Price	\$0.52
Shares on issue	88.5M
Options	30.3M
Market capitalisation	\$46M
Cash & Investments (at October 21)	\$5.3M
Enterprise Value	\$40M
Number of shareholders	1,813
Top 20 shareholders	45%



All figures as at 1 October 2021 unless otherwise stated.

Option on issue are as follows:

- 20,857,264 \$0.30 ex & 31 Aug 23 expiry
- 2,000,000 \$0.175 ex & 9 Sept 23 expiry
- 2,000,000 \$0.225 ex & 18 Nov 22 expiry
- 3,900,000 \$0.234 ex & 9 Sept 23 expiry
- 1,750,000 \$0.50 ex & 9 Sept 2023 expiry

INVESTMENT HIGHLIGHTS

Wyemandoo Rb/Li/Cs/W Project – A world class resource in the making



GLOBALLY SIGNIFICANT

UNPRECEDENTED SCALE

The Wyemandoo project assayed grades exceed the key current global rubidium producers, with close proximity to infrastructure the project is likely to be globally significant to the rubidium supply chain.



100% OWNERSHIP

1ST CLASS JURISDICTION

The company is in a prime position to offer the market and investors a project in a world class jurisdiction given it's "whole of play" position covering the known pegmatite/mica fairway.



Funded

FUNDED FOR DRILLING

Aldoro Resources has a strong bank balance combined with a high-quality register of shareholders demonstrating long hold positions and the ability to support follow-on equity placements.



RIGHT COMMODITY PLACE AND TIME

CRITICAL MINERALS

Global critical metal (including EV rare metals) demand is expected to rise by 3+ million tonnes in 2040, with Australia's greenfield and brownfield projects to play a significant role in future demand.

EXPLORATION TIMELINE

Advanced Exploration at Wyemandoo



● SEP/OCT

DESKTOP STUDY MARKET STUDY

● NOV

SAMPLING

An extensive sampling program commenced in early November, it includes rock chips and XRF, it is expected assay results will be returned by late January.

● DEC/JAN

FIRST HOLES

Initial RC holes will be planned from historical exploration results as well as the current rock chip and XRF sampling program undertaken by Aldoro Resources.

POW Submitted

● JAN/ONGOING

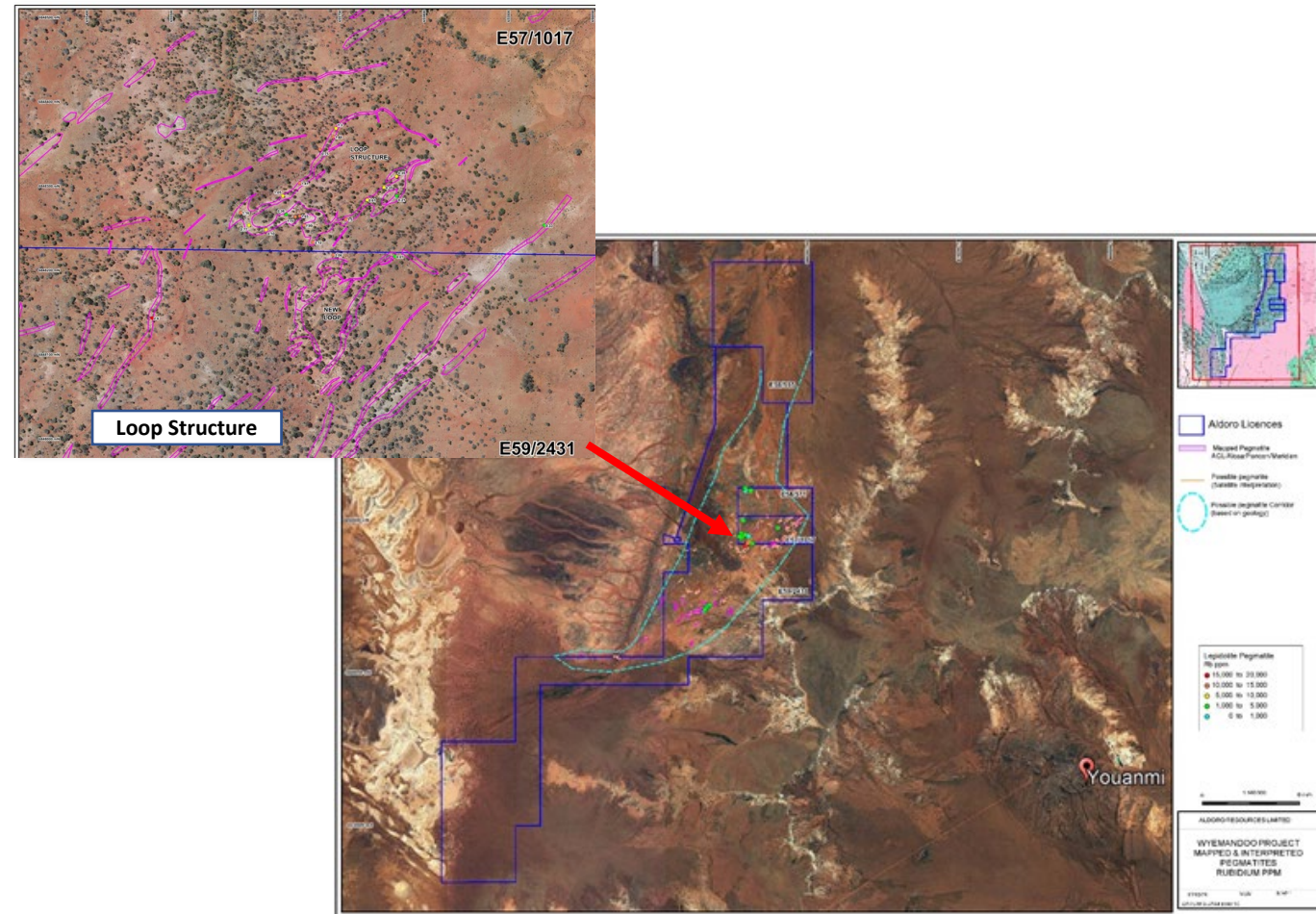
RESOURCE BUILD

A larger more extensive drilling program will be planned based on the assay results of the sampling program in January, this program is planned to define a JORC resource.

Wyemandoo Rb/Li/Cs/W PROJECT

Substantial upside outside the core Mt Farmer Pegmatite

- **Fairway Pegmatite Corridor** identified over 10km long and up to 6.5km wide on margin of Windimurra Igneous Complex
- Numerous dyke swarms identified from satellite and ground mapping/sampling, over 1000 dyke-like features discriminated
- Lepidolite (Li mica) bearing pegmatite identified and several locations both in historical and recent exploration indicating fractionated pegmatites in metagabbro host
- Pegmatites trend NE and typically strike up to 1km, mapped widths range from <1m to 20m.
- Limited rock chip sampling (53)
 - **Li₂O** averaged 0.54% and up to 2.6%,
 - **Rb** averaged 0.55% and up to 1.7%,
 - **Ce** averaged 143ppm and up to 542ppm
- **Best results around the Loop Structure averaging 1.05% Li₂O, 0.94% Rb**
- Ground investigation about to commence concentrating in the higher priority areas distal from the parental granitic source rocks



Wyemandoo Rb/Li/Cs/W PROJECT

Rubidium Market Overview

“Global Rb demand of 200t/y @ +90% purity from an estimated 180,000 ore tons @ 0.1%”



- **Global Rubidium Market CAGR +4% through till 2026**
- Demand expected to grow 22% by 2026
- Rubidium used in specialty glass (fiber) enables 4G and 5G networks, demand increasing with network upgrades and increased demand due to “work from home” due to covid-19
- Rubidium is the most accurate blood-flow tracer for detection of Coronary Heart Disease (CAD), detection of brain tumors and is used to treat manic depression.

Source: Mordor Intelligence Analysis

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Rubidium Market Overview

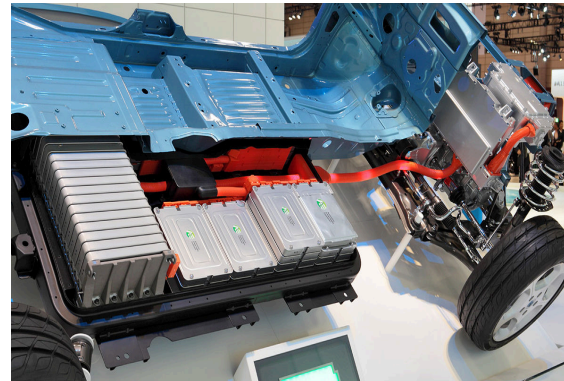
RUBIDIUM DEMAND IS POSITIONED TO GROW



Nuclear Power

One of Rubidium's major uses is in nuclear power stations to increase the generated power and enable the energy exchange rates to be increased from 30% to 70%.

Source: jiemian.com



Thin-Film Batteries

Rubidium-based perovskite solar thin-film batteries breakthrough progress, with a photoelectric conversion rate of 21.06% and cost of AUD \$0.06/kWh.

Source: Guangzhou Science and Technology News



Solar Cells

Caesium and rubidium effectively enables the production of halide perovskite compounds that are used to make high performance solar cells.

Source: materialstoday.com

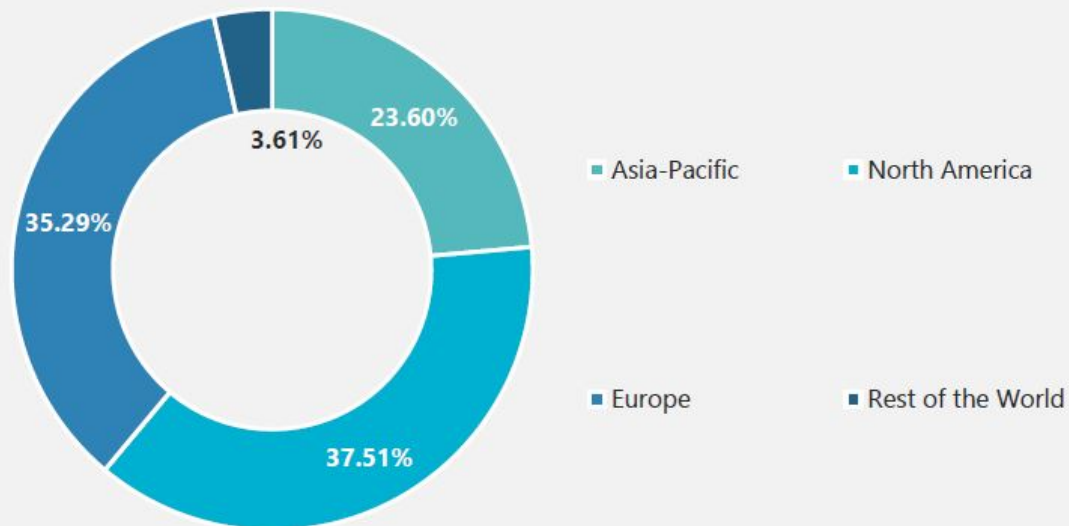
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Rubidium Market Overview

Rubidium enables multiple high growth technology market applications such as Biomedical, Electronics and Communications

RUBIDIUM MARKET

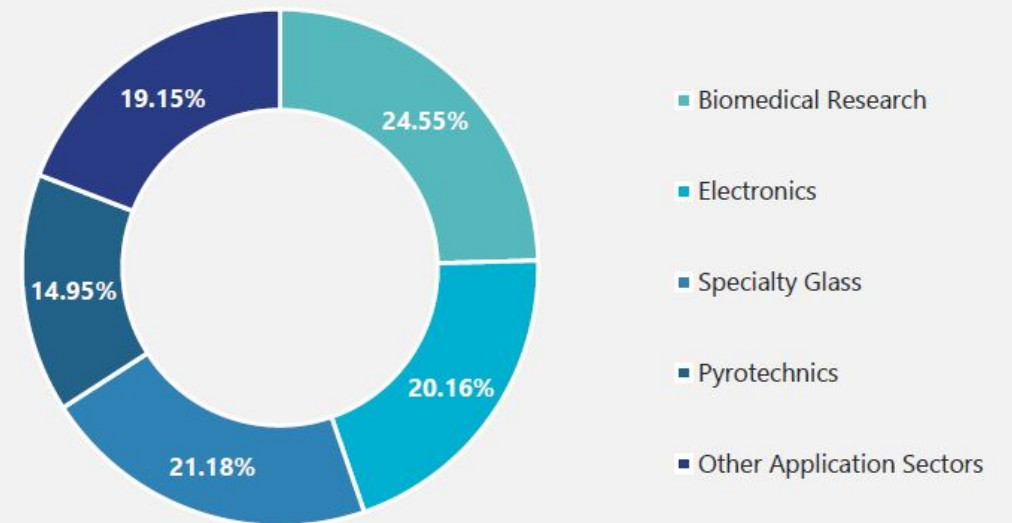
Volume Share (%), by Geography, Global, 2021



Source: Mordor Intelligence Analysis

RUBIDIUM MARKET

Volume Share (%), by Application Sector, Global, 2021



Source: Mordor Intelligence Analysis



INVESTMENT HIGHLIGHTS - WYEMANDOO

- Leverage to international critical minerals
- Actual on-ground activity moving towards resource drilling
- Proven team with recent success
- Diligent execution of exploration plan
- Quality shareholders - long term & supportive track record
- 100% Aldoro held project



THANK YOU

For more information please email:
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