

3 July 2023

COMPANY UPDATE – KEY DEVELOPMENTS

HIGHLIGHTS

- ✦ **Andrea Betti appointed Non-Executive Director, enhancing corporate governance expertise at board level**
- ✦ **2,000tpa operation commissioning works have advanced to 24-hour trial continuous operations status, and currently produced ~20 tonnes of battery quality lithium carbonate product, with product quality of av99.79%**
- ✦ **Key Company milestones - strategic partner process and EIA regulatory approval for 10ktpa expansion operation progressing positively**
- ✦ **Argosy becoming only the 2nd ASX-listed battery quality lithium carbonate producer**

Argosy Minerals Limited (ASX: **AGY**) ("**Argosy**" or "**Company**") is pleased to provide the following update on key Company developments.

Director Appointment

The Company is pleased to announce the appointment of current Company Secretary Ms Andrea Betti as Non-Executive Director, effective immediately. The appointment is part of the Company's succession program and to further build skills and capability at Board level as the Company continues to grow and develop. Ms Betti will maintain her role as Company Secretary.

Ms Betti is an accounting and corporate governance professional, with over 25 years' experience in accounting, corporate governance, finance and corporate banking. Ms Betti has a Bachelor of Commerce, Graduate Diploma in Corporate Governance, Graduate Diploma in Applied Finance and Investment, and a Master of Business Administration. She is a member of the Institute of Chartered Accountants in Australia and New Zealand and an associate member of the Governance Institute of Australia. Ms Betti is currently a director of a corporate advisory firm based in Perth that provides corporate and other advisory services to public listed companies. Ms Betti has also held roles as Non-Executive Director, Chief Financial Officer and Company Secretary for companies in the private and public listed sector, and continues to hold various roles in this capacity with publicly listed companies.

Argosy Managing Director, Jerko Zuvela said "***It is a pleasure to welcome Andrea to the Company's Board, complementing our team with her immense value, expertise and experience, during a transformational period for Argosy as we move toward commercial production operations.***"

2,000tpa Facility

The Company is progressing the 2,000tpa facility commissioning works, which have advanced to successful 24-hour trials of continuous operations, on the path to achieving fully continuous production operations and leading to ramping up production operations during H2-CY2023.

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This is an important milestone as the Company continues working through standard plant commissioning processes and acknowledges the additional timeframe to deliver the commercial scale lithium chemical production operation (and only the 2nd ASX-listed company to achieve battery quality lithium carbonate production). The Company also notes the planned successful delivery of such will be extremely lucrative in the current lithium market.

The Company has produced ~20 tonnes of battery quality lithium carbonate product to date, achieving an average product quality of 99.79% (and up to 99.9%).

Strategic Partner Process

The key objective of the strategic partner process was to assess, then select via mutual alignment to secure funding and long-term off-take arrangements for the 10,000tpa expansion operation from a tier-1 counterparty in the EV supply chain. The Company has undertaken a comprehensive and thorough process, including multiple phases (due to significant and increasing interest with varying propositions) during the course of the lithium market uplift over the past 2.5 years, and this process is now nearing finalisation.

The Company was not constrained by a set deadline, preferring to achieve a favourable deal for stakeholders and a mutually beneficial partnership, aligned for the long-term sustainability and strategic benefit of the parties.

As such, the Company is progressing to finalise the key agreements for such, via an off-take agreement for long-term battery quality lithium carbonate product supply and a finance agreement for the 10,000tpa operation funding.

10,000tpa Environmental Impact Assessment Process

The 10,000tpa operation regulatory approval process is ongoing, however the Company is fully engaged with the Salta regulatory authority to expedite official approval receipt. The commitment of both parties to achieve this is reflected by the continued engagement to resolve the limited outstanding items, being clarification of hydrogeological queries related to the EIA submission, with a view to finalising and obtaining formal approval notice from the Mining Secretary.

The Company is maintaining regular and direct communication with the key regulatory authority officials and is mindful of the constraints encountered that have prolonged this process. However, it has not considerably impacted the project strategy, and in a period of increasing lithium market intensity and interest, this has resulted in improved strategic and long-term outcomes for the Company.

Rincon Resource Expansion & Production Well Drilling

The Company has conducted production well rotary drilling and resource expansion exploration diamond drilling works. Two production wells and up to six exploration drill sites have been planned.

The production well rotary drilling program was completed, with two production wells drilled to depths of 350m. Pump testing and brine sampling works have been completed for both wells, with results awaited. These works will facilitate the preparation of a brine Mineral Reserve estimate and subsequent completion of an upgraded feasibility study.

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The exploration diamond drilling program is progressing, with five drill sites completed to date. Current core and brine samples have been sent for laboratory analysis, with results awaited. These results will facilitate the preparation of an upgraded brine Ore Resource estimate scheduled for completion by late-2023.



Figures 1-2. Rincon Lithium Project – Li_2CO_3 Product from 2,000tpa Operation Works



Figure 3. Rincon Lithium Project – 2,000tpa Operation Commissioning Works

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This announcement has been authorised by Jerko Zuvela, the Company's Managing Director

For more information on Argosy Minerals Limited and to subscribe for regular updates, please visit our website at www.argosyminerals.com.au or contact us via admin@argosyminerals.com.au or Twitter @ArgosyMinerals.

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Forward Looking Statements: Statements regarding plans with respect to the Company's mineral properties are forward looking statements. There can be no assurance that the Company's plans for development of its mineral properties will proceed as expected. There can be no assurance that the Company will be able to confirm the presence of mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of the Company's mineral properties.

Argosy confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement 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 materially changed. Argosy 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.

ASX Listing Rules Compliance

Argosy advises references to the Company's current target of producing 2,000tpa of high purity battery quality lithium carbonate product at the Rincon Lithium Project should be read subject to and clarified by the Company's current intention that the 2,000tpa production target does not extend beyond a two-year period from the Clarifying Announcement (lodged 10th February 2021, available at www.argosyminerals.com.au and www.asx.com).

At the conclusion of the two-year period, it is the Company's current intention that, subject to feasibility, finance, market conditions and completion of development works at the Rincon Lithium Project, the Company's 10,000tpa production target will apply. The current 2,000tpa production target is intended to form a modular part of the 10,000tpa operation from its commencement.

Argosy further advises that references in this ASX release in relation to the 10,000tpa production target are extracted from the report entitled "Argosy delivers exceptional PEA results for Rincon Project" dated 28 November 2018, available at www.argosyminerals.com.au and www.asx.com. Argosy confirms that it is not aware of any new information or data that materially affects the information included in the Announcement and, in the case of the Production Target, Mineral Resources or Ore Reserves contained in the Announcement, that all material assumptions and technical parameters underpinning the estimates in the PEA announcement continue to apply and have not materially changed. Argosy confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the PEA announcement.

Competent Person's Statement

The information contained in this ASX release relating to Exploration Results has been prepared by Mr Jerko Zuvela. Mr Zuvela is a Member of the Australasian Institute of Mining and Metallurgy 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 Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Zuvela is the Managing Director of Argosy Minerals Ltd and consents to the inclusion in this announcement of this information in the

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form and context in which it appears. The information in this announcement is an accurate representation of the available data from exploration at the Rincon Lithium Project.

Chemical Engineer's Statement: The information in this announcement that relates to lithium carbonate processing and testworks is based on information compiled and/or reviewed by Mr Pablo Alurralde. Mr Alurralde is a chemical engineer with a degree in Chemical Engineering from Salta National University in Argentina. Mr Alurralde has sufficient experience which is relevant to the lithium carbonate processing and testing undertaken to evaluate the data presented.

Reference to Previous ASX Releases:

This document refers to the following previous ASX releases:

28th Nov 2018 - Argosy delivers exceptional PEA results for Rincon Project

11th Jan 2021 - Rincon Project JORC Exploration Target

8th Feb 2021 - \$30M Placement to Fund 2,000tpa Production

10th Feb 2021 - Clarifying Announcement

ABOUT ARGOSY MINERALS LIMITED

Argosy Minerals Limited (ASX: AGY) is an Australian company with a current 77.5% (and ultimate 90%) interest in the Rincon Lithium Project in Salta Province, Argentina and a 100% interest in the Tonopah Lithium Project in Nevada, USA.

The Company is focused on its flagship Rincon Lithium Project – potentially a game-changing proposition given its location within the world renowned "Lithium Triangle" – host to the world's largest lithium resources, and its fast-track development strategy toward production of LCE product.

Argosy is committed to building a sustainable lithium production company, highly leveraged to the forecast growth in the lithium-ion battery sector.

Appendix 1: Rincon Lithium Project Location Map

