

31 October 2024

SEPTEMBER 2024 QUARTERLY REPORT

Aurora Energy Metals Limited (**Aurora** or the **Company**) (ASX:1AE) presents its Activities Report for the three months ended 30 September 2024.

Highlights

- Continued progress in metallurgical test work at ALS Metallurgy's laboratory in Perth, with the aim of optimising uranium recovery for the Aurora Uranium Project (AUP).
- Ongoing assessment of management team and strategic options in North America, more closely aligned with the US market and with local expertise, to support the next phase of the AUP's development.
- Cash position at 30 September 2024 of \$1.2 million and no debt.

AURORA URANIUM PROJECT

During the September quarter, the Company maintained a focus on advancing the flagship Aurora Uranium Project (**AUP** or the **Project**), situated in southern Oregon and northern Nevada, USA, through further test work and following the AUP Scoping Study (15 May 2024)

The Project's next phase metallurgical test work program, being conducted at ALS Metallurgy in Perth, was implemented to assess/evaluate opportunities to enhance overall uranium recovery for the AUP. This program aims to optimise the atmospheric leach conditions and evaluate potentially improved recovery methods, which will ultimately feed into an updated project economic model.

Further advancements in metallurgical recovery would form the basis of an Optimised Scoping Study targeted for release by the end of 2024. This optimised study will integrate findings from the expanded test work program and establish parameters for the planned Pre-Feasibility Study (PFS) scheduled to begin during 2025.

North America Strategy

During the Quarter, the Company continued to explore and assess options for establishing a North America-based management team and/or alternative strategic opportunities that would support the advancement of the AUP during its next phase of development.

CORPORATE

Cash

As of 30 September 2024, the Company maintained a cash position of \$1.2 million with no debt.

Quarterly expenditure primarily comprised:

- **Exploration and evaluation** expenses totalling \$220,000.
- **Administrative and corporate costs** of \$122,000.

- **Staff costs** amounting to \$90,000.

This financial information is further detailed in the Quarterly Cashflow Report (Appendix 5B).

Key Activities Planned for the December 2024 Quarter

The Company is close to finalising the metallurgical program and inputs for an Optimised Scoping Study. This is expected to be completed by December 2024 and will establish parameters for the Pre-Feasibility Study (PFS) scheduled for 2025.

ASX ADDITIONAL INFORMATION

1. ASX Listing Rule 5.3.1 – Mining exploration activities and investment activity expenditure during the quarter was \$220,000. Full details of the activity during the quarter are set out in this report.
2. ASX Listing Rule 5.3.2 – Mining production and development activity expenditure for the quarter was nil and there were no substantive mining exploration activities for the quarter.
3. ASX Listing Rule 5.3.3 – Tenement Schedule – Refer to Appendix 1 for details of the Company's tenements as of 30 September 2024.
4. ASX Listing Rule 5.4.5 – Payments to related parties of the Company during the quarter and outlined in the Appendix 5B include \$41,052 for Salaries, Director Fees and Consulting Fees paid to Directors and \$43,862 for investor relations services, a fully provisioned office, and administration and technical staff.

THIS ANNOUNCEMENT HAS BEEN AUTHORISED FOR RELEASE BY THE COMPANY'S BOARD OF DIRECTORS

ABOUT AURORA ENERGY METALS

Aurora Energy Metals is an ASX-listed company focused on the exploration and development of its flagship, 100 per cent owned, Aurora Uranium Project (AUP) in south-east Oregon, USA. The AUP is the USA's largest, mineable, measured and indicated uranium deposit (MRE: 107.3Mt @ 214ppm U₃O₈ for 50.6 Mlbs U₃O₈). The Company's vision is to supply minerals that are critical to the USA's energy requirements.

FOLLOW US ON TWITTER:

www.twitter.com/Aurora_1AE

FOLLOW US ON LINKEDIN:

www.linkedin.com/company/aurora-energy-metals/

CAPITAL STRUCTURE:

Share Price (30/10/24): \$0.046

Market Cap: \$8.2 million

Shares on Issue: 179 million

COMPANY SECRETARY:

Steven Jackson

SHAREHOLDER CONTACT:

Steven Jackson

Email: info@auroraenergymetals.com

Tel: +61 8 6465 5500

BOARD OF DIRECTORS:

Peter Lester: Non-Executive Chairman

Alasdair Cooke: Non-Executive Director

John Gardner: Non-Executive Director

SHAREHOLDERS:

Directors: 15%

Management: 13%

Institutional shareholders: 10%

Balance of Top 20: 14%

Balance of Register: 48%

INVESTOR & MEDIA CONTACT:

Sam Macpherson

VECTOR Advisors

Tel: +61 401 392 925

JORC Disclaimer:

Information in this announcement relating to Exploration Results and Mineral Resources is based on information compiled by Mr. Lauritz Barnes (a consultant to Aurora Energy Metals Limited and a shareholder) who is a member of The Australian Institute of Mining and Metallurgy and The Australian Institute of Geoscientists. Mr. Barnes has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person under the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Barnes consents to the inclusion of the data in the form and context in which it appears.

Information in this announcement relating to Mineral Resources is extracted from the announcement titled 'Uranium Resource Up 34% to 50.6Mlb, Maiden Measured Resource' released by the ASX on 23 November 2022. Aurora Energy Metals Limited confirms

that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the Mineral Resource continue to apply and have not materially changed. Aurora Energy Metals Limited confirms that the form and context in which the Competent Persons' findings are presented in this announcement have not been materially modified from the original market announcement.

Previously Reported Information

Information in this announcement is based on the following Aurora Energy Metals Limited Announcements, which are available from the Company's website, www.auroraenergymetals.com.au or the ASX website.

All references to the Scoping Study and its outcomes in this announcement relate to the announcement of 15 May 2024 titled "Aurora Uranium Project Scoping Study". Please refer to that announcement for full details and supporting information.

- 23 November 2022 – 34% Increase in Total Uranium Resource to 50.6 Mlbs Maiden Measured Resource Declared at Aurora Uranium Deposit
- 26 April 2023 – Positive Review of Historical Uranium Testwork
- 29 August 2023 – Scoping Study Metallurgical Testwork Program Underway
- 13 December 2023 – Aurora Uranium Project Scoping Study Update
- 15 May 2024 – Aurora Uranium Project Scoping Study

APPENDIX 1 – TENEMENTS (AS OF 30 SEPTEMBER 2024)

Project Name	Location	Claim Name	Interest at 30 June 2024	Interest at 30 September 2024
AEMP	Oregon, USA	AURORA 11-60	100%	100%
AEMP	Oregon, USA	AURORA 62-64	100%	100%
AEMP	Oregon, USA	AURORA 69-78	100%	100%
AEMP	Oregon, USA	AURORA 82-87	100%	100%
AEMP	Oregon, USA	AURORA 97-108	100%	100%
AEMP	Oregon, USA	AURORA 117-125	100%	100%
AEMP	Oregon, USA	AURORA 134-145	100%	100%
AEMP	Oregon, USA	AURORA 236	100%	100%
AEMP	Oregon, USA	AURORA 238	100%	100%
AEMP	Oregon, USA	AURORA 240	100%	100%
AEMP	Oregon, USA	AURORA 242	100%	100%
AEMP	Oregon, USA	AURORA 244	100%	100%
AEMP	Oregon, USA	AURORA 246	100%	100%
AEMP	Oregon, USA	AURORA 248	100%	100%
AEMP	Oregon, USA	AURORA 250	100%	100%
AEMP	Oregon, USA	CROTALUS CREEK 7-9	100%	100%
AEMP	Oregon, USA	CROTALUS CREEK 23	100%	100%
AEMP	Oregon, USA	CROTALUS CREEK 25	100%	100%
AEMP	Oregon, USA	CROTALUS CREEK 27	100%	100%
AEMP	Oregon, USA	CALD 01-91	100%	100%
AEMP	Oregon, USA	CALD 92-279	100%	-
AEMP	Oregon, USA	JH 01-71	100%	100%
AEMP	Nevada, USA	JH 72-102	100%	100%
AEMP	Nevada, USA	KB 01-56	100%	100%

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Aurora Energy Metals Limited

ABN

87 604 406 377

Quarter ended ("current quarter")

30 September 2024

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(220)	(220)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(90)	(90)
	(e) administration and corporate costs	(122)	(122)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	7	7
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	-
1.9	Net cash from / (used in) operating activities	(424)	(424)
2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) exploration & evaluation	-	-
	(e) investments	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	-	-

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	-

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,595	1,595
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(424)	(424)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-
4.5	Effect of movement in exchange rates on cash held	(1)	(1)
4.6	Cash and cash equivalents at end of period	1,170	1,170

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	620	1,045
5.2	Call deposits	550	550
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,170	1,595

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	85
6.2	Aggregate amount of payments to related parties and their associates included in item 2	
<i>Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.</i>		

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity.</i> <i>Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		
	n/a		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(424)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(424)
8.4	Cash and cash equivalents at quarter end (item 4.6)	1,170
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	1,170
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	2.8
	<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1	Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
	Answer: n/a	
8.8.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
	Answer: n/a	

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: n/a

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 31 October 2024

Authorised by: Steven Jackson, Company Secretary
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.