Australian VANADIUM LIMITED

ASX ANNOUNCEMENT **31 OCTOBER 2024**

QUARTERLY ACTIVITIES REPORT

Period ending 30 September 2024

HIGHLIGHTS

Upstream – Australian Vanadium Project

- **Optimised Feasibility Study (OFS)**: The first phase of the OFS for the Australian Vanadium Project (Project) delivered key outcomes, including an updated Mineral Resource Estimate (**MRE**) and identification of the preferred locations to commence mining and for the processing plant.
- **Council Support**: The City of Greater Geraldton passed a resolution to support a local planning scheme amendment regarding rezoning of an important Project site.
- **Benefits of Federal Government Support**: AVL continued to advance detailed engineering and the procurement of long lead items, enabled by Government grant funding.
- **Financial Support**: A non-binding Letter of Interest was received from the Export-Import Bank of the United States (**EXIM**), indicating up to US$31 million in potential financing for the Project, underscoring growing support for the development of vanadium projects in Australia.

Midstream – Vanadium Electrolyte

- **Approval of Electrolyte Use**: Achieved approval for the first use of AVL manufactured electrolyte in a commercial vanadium flow battery (**VFB**), a significant milestone demonstrating the Company's capability to produce high purity electrolyte.

Downstream – Vanadium in Energy Storage

- **Business Development**: Through its wholly owned subsidiary VSUN Energy, AVL engaged with multiple energy offtakers in various Australian States for VFB deployment at utility-scale, advancing relationships with several potential technology providers, landholders and financial investors.
- **Delivery of VFB Battery Energy Storage System (BESS)**: Successfully deployed a VFB containing AVL-manufactured vanadium electrolyte at a Horizon Power site, marking the first operational use of AVL's electrolyte in a VFB BESS.

Corporate

- **Research and Development (R&D) Tax Incentive Scheme**: Received a total of $2.63 million from the Federal Government's R&D Tax Incentive Scheme in relation to R&D work undertaken by AVL and wholly owned subsidiary Technology Metals Australia (**TMT**) in the 2022/23 tax year.
- **Financial Position**: Cash position of $30.7 million as at 30 September 2024, including restricted cash of $0.4 million.

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CEO, Graham Arvidson comments, *"The Company's progress across the upstream Project, midstream vanadium electrolyte manufacturing and downstream VFB BESS activities is delivering our strategic objectives. Our ongoing work on the OFS underscores the Project's strength and long-term viability, supported by high-quality engineering that establishes a foundation for excellence in both construction and production. The indication of support from the US EXIM bank and our Federal Government grants demonstrate the Project's significance and the calibre of the parties that we are attracting. Approvals are progressing for the mine and processing plant sites, with several approval processes nearing completion.*

"We are pleased to have been able to progress the delivery of the VFB BESS project for Horizon Power, hopefully the first of many. This achievement in energy storage marks a key step in our commitment to build a robust VFB BESS project pipeline and the capability to deliver both BESS solutions and electrolyte into the growing long duration energy storage market."

Activities for the quarter ended 30 September 2024 for the Company are as follows:

The Company's vertically integrated 'pit-to-battery' strategy aims to use vanadium oxides from its upstream vanadium mining and processing Project for its midstream manufacture of vanadium electrolyte which, in turn, can be used in its downstream VFB BESS installation and maintenance business.

UPSTREAM – AUSTRALIAN VANADIUM PROJECT

The Company continued to advance the development of its upstream Project, which includes a minesite and a crushing, milling and beneficiation plant (CMB plant or concentrator) located at Gabanintha, near Meekatharra in Western Australia and a processing plant at Tenindewa, near Geraldton in Western Australia (see Figure 1).

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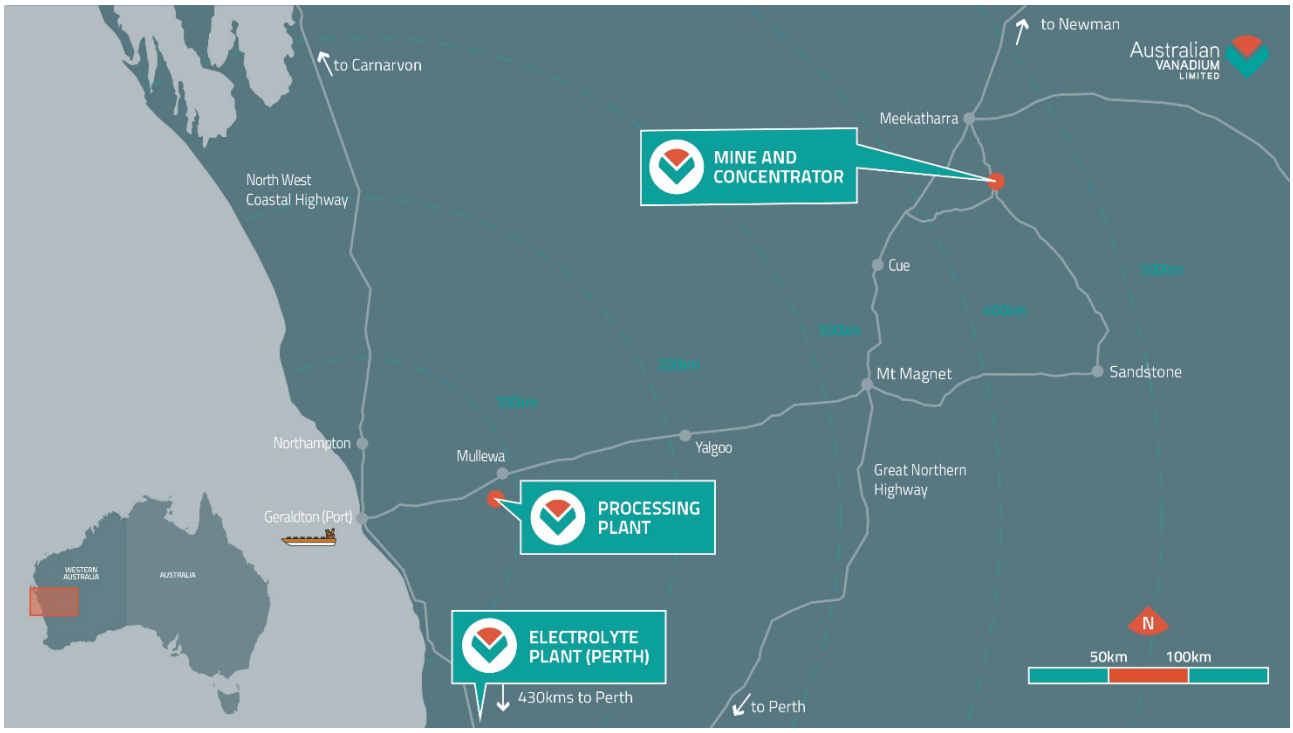

Figure 1 - AVL Project Locations

Progress with Optimised Feasibility Study

Significant progress was made on the OFS for the Project, which is focussed on the integration of the adjoining projects post-merger with TMT.[1] The first phase of the OFS has been completed and during the quarter the Company announced that it had delivered the following significant milestones:[2]

- **Updated MRE** showing a 39% increase in Measured and Indicated categories for the high grade vanadium domain and increased iron grades.
- **Identification of optimal location to commence mining** due to higher vanadium and iron concentrate grades and favourable weathering attributes for economic mining.
- **Identification of optimal processing plant location** at Tenindewa, near Geraldton in Western Australia, providing technical and economic advantages.

AVL continues work on the next phase of the OFS for the Project, with upcoming key milestones including:

- Finalising the detailed mining plan using the results of the updated MRE.
- Optimising the project infrastructure, including proposed roads and pit designs.
- Completing the layout and key design criteria for the CMB plant at Gabanintha and processing plant at Tenindewa.

[1] See ASX announcement dated 1 February 2024 *'Successful Implementation of AVL and TMT Merger'*
[2] See ASX announcement dated 2 July 2024 *'Completion of First Phase of Optimised Feasibility Study'*

The OFS continues alongside the approval processes for both locations, as well as ongoing offtake and financing discussions. The OFS will enable AVL to have an up-to-date technical and economic study available for potential funding partners, including Australian Government agencies.

Project Approvals

Permitting and approval processes continued through the quarter, including the following:

Minesite and CMB Plant

- The environmental approvals process commenced by TMT for its part of the Gabanintha site continued with the Environmental Protection Authority (**EPA**) issuing an assessment report with recommended conditions in February 2024. Following a 21-day appeal period, one appeal was received. The Office of the Appeals Convenor (**OAC**) has worked with the appellant, AVL and the EPA to address the appeal. The EPA's role is now complete. The OAC will provide a report and potential changes to the conditions to the Minister for consideration and authorisation.
- The separate environmental approval process commenced by AVL for the minesite and CMB plant at Gabanintha has continued following the merger with TMT. AVL has been reviewing and optimising the design of the combined Project through its work on the OFS and in discussions with the Traditional Owners. AVL continues to focus on executing the approval pathway to ensure that Project changes are reflected in the EPA approval process.

Processing Plant

- AVL submitted a development application to the Department of Planning, Lands and Heritage (**DPLH**) via the State Development Assessment Unit (**SDAU**) in December 2021 and initiated a local planning scheme amendment process with the City of Greater Geraldton (**CoGG**) to allow for a rezoning of the land from "Rural" to "General Industry". In response to public submissions received regarding the development application and scheme amendment, final updated Air Quality Assessment and Bushfire Management Plan reports were provided to both the SDAU and CoGG.
- During the quarter, the CoGG council passed a resolution to support the local planning scheme amendment. The council considered various issues raised by stakeholders during the public submission period, which resulted in the council supporting the amendment with modifications, all of which are supported by AVL. The council's resolution has been forwarded to the WA Planning Commission for review, after which it will be determined by the Minister for Planning, followed by gazettal within the legislated timeframe of 90 days.[3]

[3] See ASX announcement dated 6 August 2024 *'Council Support for Vanadium Processing Site Near Geraldton'*

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Offtake

AVL is pursuing multiple avenues for vanadium offtake, including engagement with traditional steel end users and commodity traders, along with potential new offtakers in the energy and defence sectors.

Work is also being undertaken on offtake of the proposed iron concentrate coproduct, with progress having been made towards forming binding offtake agreements.

MIDSTREAM – VANADIUM ELECTROLYTE

AVL continued the process of qualifying its vanadium electrolyte with several international VFB original equipment manufacturers (**OEMs**), aiming for certification in the coming months.

During the quarter, the Company achieved approval for the first commercial use of AVL-produced electrolyte in a VFB BESS, a significant milestone demonstrating its capability to produce high purity electrolyte. The electrolyte has been utilised in a battery for Horizon Power (please see the downstream section below for further details).

The electrolyte manufacturing facility has provided the Company with the opportunity to showcase its capabilities and educate various stakeholders on AVL's strategy across the entire vanadium value chain. This quarter, the Company hosted the Hon Roger Cook MLA, Premier of Western Australia; a delegation from the Innovate UK Global Business Innovation Programme battery technologies mission and two delegations from South Korea.

Figure 2 - CEO Graham Arvidson and Hon Roger Cook MLA, Premier of Western Australia

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DOWNSTREAM – VANADIUM FLOW BATTERY

Energy Storage Solutions and Partnering

Technology and Deployment

- Advanced discussions with VFB technology partners to secure strategic alliances with key manufacturers
- Progressing partnering opportunities with EPC/EPCM contractors to perform installation

VFB Funding

- 40+ year asset life delivers multiple funding opportunities
- Advancing government grant, asset infrastructure and JV partner funding models

Energy Offtake

- Advanced discussions with BESS energy offtake partners
- Ability to utilise brownfield sites with short transmission distances is attractive for energy offtake

Land Access

- Advanced discussions to secure land access with partners for long duration energy storage projects
- Competitive advantage in locations unsuitable for other technologies

During the quarter, the Company continued to make significant progress in establishing the key partnerships required to underpin an energy storage solutions strategy for VSUN Energy. This involved multiple engagements with electricity market participants across the National Electricity Market (**NEM**) and the Western Australian Wholesale Electricity Market (**WEM**) who are seeking solutions for Long Duration Energy Storage (**LDES**). In addition, VSUN Energy has continued to work with VFB OEMs to optimise the development of grid-scale VFBs, alongside deployment contractors. As part of this process, VSUN Energy has engaged with potential funding partners, together with specialist consultants, to quantify the value of a VFB BESS to the electricity market.

Horizon Power VFB BESS project

During the quarter, AVL announced the successful completion of factory acceptance testing of a VFB BESS, which has been installed at a Horizon Power site in Kununurra, Western Australia, where it is undertaking site acceptance testing. The 220kWh VFB, which is designed to deliver up to 78kW of power, was purchased by Horizon Power for a long duration energy storage pilot.[4]

The VFB contains vanadium electrolyte manufactured by AVL at the Company's electrolyte manufacturing facility in Perth.[5] This marks the first instance of AVL's vanadium electrolyte being used in an operational VFB and the first instance of AVL's electrolyte being approved for commercial use by a leading VFB manufacturer, Invinity Energy Systems plc, meeting stringent quality standards.

[4] See ASX announcement dated 28 July 2023 *'Horizon Power to Purchase VFB for Long Duration Energy Storage Pilot'*
[5] See ASX announcement dated 16 September 2024 *'AVL Electrolyte Successfully Deployed in Vanadium Flow Battery for Horizon Power'*

Horizon Power is Western Australia's regional energy provider. The use of long duration energy storage, in the form of VFBs, could assist Horizon Power to accelerate the decarbonisation of its 140 energy networks spread throughout a service area covering 2.3 million square kilometres.

The Company was pleased to be able to welcome the Hon David Michael MLA, Western Australian Minister for Mines and Petroleum, Ports, Road Safety, Minister Assisting the Minister for Transport, to visit the battery on a trip to Kununurra. Minister Michael has been following the progress of the battery since his attendance at the opening of AVL's vanadium electrolyte manufacturing facility earlier this year. Horizon Power's Acting CEO, Jennie Milne, also attended the site visit.

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Figure 3 - Zamien Sumich, Manager - VSUN Energy; Jennie Milne, Executive General Manager of People, Safety and Governance and Acting CEO, Horizon Power; Alana Trew, Customer & Community Manager, Horizon Power, Hon David Michael MLA; Dylan Hearty, Customer Programs Manager, Horizon Power

VFB project with IGO Ltd

During the quarter, VSUN Energy deployed a VFB to IGO's Nova Nickel Operation, alongside a ground mounted solar photovoltaic system.[6] The solar system, VFB and a diesel generator have all

[6] See ASX announcement dated 11 November 2024 *'IGO's Nova Nickel Operation to Trial VSUN Energy Vanadium Battery Standalone Power System'* and ASX announcement dated 20 June 2022 *'Vanadium Battery Standalone Power System Update'*

been operated and tested onsite, with final site acceptance testing planned for the December quarter. Once commissioned, the VFB microgrid is intended to play an important role in the water reticulation network at the site.

CORPORATE

Letter of Interest for finance support for the Australian Vanadium Project

AVL received a non-binding Letter of Interest from EXIM for up to US$31 million in debt financing for the development and construction of the Project.[7]

EXIM's support is related to the potential for equipment to be sourced from the U.S. for the Project. As part of the Company's OFS, AVL will continue to identify opportunities to expand the scope of the Project's U.S. content, including equipment, goods and services, which may increase the size of the potential financing offered by EXIM.

Any financing support from EXIM following the Letter of Interest is subject to EXIM's policies, procedures, due diligence and approval by EXIM's board of directors.

Government funding

The Company continues to benefit from a Federal Government grant of up to $49 million.[8] AVL has now received $24.5 million under the Grant. This grant funding allows AVL to pursue opportunities to minimise project execution risks through improved project definition, including detailed engineering of key infrastructure and acceleration of the project schedule, for example, by ordering long-lead equipment.

R&D refund for 2022/23 tax year

AVL received a total of $2.63 million from the Federal Government's R&D Tax Incentive Scheme in relation to R&D work undertaken by AVL and TMT in the 2022/23 tax year.[9] Administered jointly by the Australian Taxation Office and the Department of Industry, Science, Energy and Resources, the self-assessment scheme encourages companies to engage in R&D benefiting Australia, by providing a tax offset for eligible activities.

Cash and Expenditure

The Company had cash on hand of $30.7 million as at 30 September 2024 (30 June 2024: $36.4 million), including restricted cash of $0.4 million.

[7] See ASX announcement dated 20 September 2024 *'Letter of Interest for Finance Support for Australian Vanadium Project'*
[8] See ASX announcement dated 20 June 2024 *'$14.7 Million Received from Federal Grant'*
[9] See ASX announcement dated 13 August 2024 *'AVL Receives $2.6M R&D Refund for 2022/23 Tax Year'*

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Net cash outflow from investing activities for the September quarter totalled $2,925k and included $2,030k in staff costs and $2,896k in administration and corporate expenses (refer to Items 1.2(c) and 1.2(d) in Appendix 5B). Staff costs, which is comprised of non-capitalised salaries, on-costs, and Directors' fees, also included a one-time payment to Mr Ian Prentice, Executive – Integration and former Managing Director of TMT, who departed the Company during the quarter. Administration and corporate expenses included $1,880k in GST remittances to the ATO, primarily related to government grants received by the Company in the prior quarter on a GST-inclusive basis.

Net cash outflow from investing activities for the September quarter was $2,783k, primarily related to ongoing efforts to advance the Project ($2,638k; see Item 2.1(d) in the Appendix 5B). This amount includes project-related staff costs and external expenses associated with the OFS, metallurgical studies, environmental approvals and engagement with Traditional Owners.

Related Party Payments

Total payments to related parties and their associates included in the quarter's cash flows from operating activities amounted to $178k. This includes Directors' fees, related superannuation and payments under employment agreements.

For further information, please contact:

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This announcement has been produced in accordance with the Company's published continuous disclosure policy and has been approved by the Board.

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ABOUT AUSTRALIAN VANADIUM LTD

AVL is a resource company focused on vanadium, seeking to offer investors a unique exposure to all aspects of the vanadium value chain – from resource through to steel and energy storage opportunities. AVL is advancing the development of its world-class Australian Vanadium Project at Gabanintha. The Australian Vanadium Project is one of the most advanced vanadium projects being developed globally, with 395.4Mt at 0.77% vanadium pentoxide (V_2O_5), containing a high grade zone of 173.2Mt at 1.09% V_2O_5, reported in compliance with the JORC Code 2012 (see ASX announcement dated 7 May 2024 *'39% Increase in High Grade Measured and Indicated Mineral Resource'*).

VSUN Energy is AVL's 100% owned renewable energy and energy storage subsidiary which is focused on developing the Australian market for vanadium flow batteries for long duration energy storage. VSUN Energy was established in 2016 and is widely respected for its VFB expertise. AVL's vertical integration strategy incorporates processing vanadium to high purity, manufacturing vanadium electrolyte and working with VSUN Energy as it develops projects based on renewable energy generation and VFB energy storage.

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MINERAL RESOURCE ESTIMATE

The Australian Vanadium Project – Mineral Resource estimate by domain and resource classification using a nominal 0.4% V_2O_5 wireframed cut-off for low-grade and nominal 0.7% V_2O_5 wireframed cut-off for high grade (total numbers may not add up due to rounding).

Zone	Category	Mt	V_2O_5 %	Fe %	TiO_2 %	SiO_2 %	Al_2O_3 %
HG	Measured	30.6	1.14	46.3	12.9	7.4	6.2
	Indicated	74.8	1.11	47.5	12.6	7.0	5.7
	Inferred	67.9	1.06	45.3	12.1	9.0	6.6
	Subtotal	**173.2**	**1.09**	**46.5**	**12.5**	**7.8**	**6.1**
LG	Indicated	61.8	0.55	26.1	7.1	26.6	16.3
	Inferred	142.5	0.48	24.9	6.6	28.9	15.2
	Subtotal	**204.3**	**0.50**	**25.3**	**6.8**	**28.2**	**15.5**
Transported	Inferred	17.9	0.65	31.0	7.3	24.1	14.4
	Subtotal	**17.9**	**0.65**	**31.0**	**7.3**	**24.1**	**14.4**
Total	Measured	30.6	1.13	46.3	12.9	7.4	6.2
	Indicated	136.6	0.85	37.8	10.1	15.8	10.5
	Inferred	228.2	0.66	31.4	8.3	22.6	12.6
	Subtotal	**395.4**	**0.77**	**34.8**	**9.3**	**19.1**	**11.4**

Note: Totals may not add up due to rounding

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TENEMENT SCHEDULE

Tenement information as required by Listing Rule 5.3.3 for the quarter ended 30 September 2024

Location	Project	Tenements	Economic Interest	Notes	Change in Quarter %
Western Australia	The Australian Vanadium Project	E 51/843	100% Granted[1]		Nil
		E 51/1534	100% Granted[1]		Nil
		E 51/1899	100% Granted		Nil
		E 51/1943	100% Granted		Nil
		E 51/1944	100% Granted		Nil
		E 51/2067	100% Granted		Nil
		E 51/2215		100% on Application	Nil
		G 51/37		100% on Application	100%
		G 51/38		100% on Application	100%
		G 51/39		100% on Application	100%
		L 51/116	100% Granted		Nil
		L 51/119		100% on Application	Nil
		L 51/130		100% on Application	Nil
		L51/132		100% on Application	Nil
		L51/133		100% on Application	Nil
		M 51/878	100% Granted[1]		Nil
		M 51/897		100% on Application[1]	Nil
		P 51/3073	100% Granted		Nil
		P 51/3074	100% Granted		Nil
		P 51/3075	100% Granted		Nil
		P 51/3076	100% Granted		Nil
		P 51/3298		100% on Application	Nil
		E 51/1510-I	100% Granted		Nil
		E 51/1818	100% Granted		Nil
		E 51/2056		100% on Application	Nil
		E 51/2117		100% on Application	Nil
		G 51/29	100% Granted		Nil
		G 51/30	100% Granted		Nil
		G 51/31	100% Granted		Nil
		G 51/32		100% on Application	Nil
		G 51/34		100% on Application	Nil
		G 51/36		100% on Application	100%
		L 51/101	100% Granted		Nil
		L 51/102	100% Granted		Nil
		L 51/117	100% Granted		Nil
		L 51/121	100% Granted		Nil

		L 51/123		100% on Application	Nil
		L 51/125		100% on Application	Nil
		L 51/128		100% on Application	Nil
		L 51/129		100% on Application	Nil
		L 51/134		100% on Application	Nil
		L 51/135	100% Granted		Nil
		M 51/883	100% Granted		Nil
		M 51/884	100% Granted		Nil
		P 51/3140	100% Granted		Nil
Western Australia	**Nowthanna Hill**	M 51/771	100% Granted		Nil
Western Australia	**Peak Hill**	E 52/3349	0.75% Net Smelter Return (NSR) Production Royalty		Nil
Western Australia	**Tumblegum South**	M 51/888	0.75% NSR Production Royalty		Nil
Western Australia	**Coates**	E 70/4924-I	100% Granted		Nil
		E 70/5588	100% Granted	100% on Application	Nil
		E 70/5589		100% on Application	Nil

Note 1: Australian Vanadium Limited retains 100% rights in V/U/Co/Cr/Ti/Li/Ta/Mn & iron ore on The Australian Vanadium Project. Bryah Resources Limited holds the Mineral Rights for all other minerals.

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ASX CHAPTER 5 COMPLIANCE AND CAUTIONARY AND FORWARD-LOOKING STATEMENTS

ASX Listing Rule 5.23

The information in this announcement relating to mineral resource estimates for the Australian Vanadium Project is extracted from the announcement entitled '39% Increase in High Grade Measured and Indicated Mineral Resource' released to the ASX on 7 May 2024. The relevant announcement is available on the Company's website www.avl.au.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the competent person's findings are presented have not been materially modified from the original market announcements.

Forward-Looking Statements

This release may contain certain forward-looking statements with respect to matters including but not limited to the financial condition, results of operations and business of AVL and certain of the plans and objectives of AVL with respect to these items.

These forward-looking statements are not historical facts but rather are based on AVL's current expectations, estimates and projections about the industry in which AVL operates and its beliefs and assumptions.

Words such as "anticipates," "considers," "expects," "intends," "plans," "believes," "seeks," "estimates", "guidance" and similar expressions are intended to identify forward looking statements and should be considered an at-risk statement. Such statements are subject to certain risks and uncertainties, particularly those risks or uncertainties inherent in the industry in which AVL operates.

These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties, and other factors, some of which are beyond the control of AVL, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements. Such risks include, but are not limited to resource risk, metal price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we sell our product to, and government regulation and judicial outcomes. For more detailed discussion of such risks and other factors, see the Company's Annual Reports, as well as the Company's other filings.

AVL cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of AVL only as of the date of this release.

The forward-looking statements made in this announcement relate only to events as of the date on which the statements are made.

AVL will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this announcement except as required by law or by any appropriate regulatory authority.

Appendix 5B

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

Name of entity

AUSTRALIAN VANADIUM LIMITED

ABN	Quarter ended ("current quarter")
90 116 221 740	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	(765)	(765)
	(b) development	-	-
	(c) production	(296)	(296)
	(d) staff costs	(2,030)	(2,030)
	(e) administration and corporate costs	(2,896)	(2,896)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	428	428
1.5	Interest and other costs of finance paid	(42)	(42)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	2,633	2,633
1.8	Other	43	43
1.9	**Net cash from / (used in) operating activities**	**(2,925)**	**(2,925)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	(3)	(3)
	(d) exploration & evaluation	(2,638)	(2,638)
	(e) investments	-	-
	(f) other non-current assets	(142)	(142)

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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**	**(2,783)**	**(2,783)**

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	36,420	36,420
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(2,925)	(2,925)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(2,783)	(2,783)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-

Consolidated statement of cash flows		Current quarter $A'000	Year to date (3 months) $A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**30,712**	**30,712**

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	2,216	1,754
5.2	Call deposits*	28,100	34,270
5.3	Bank overdrafts	-	-
5.4	Other (bank guarantees – restricted cash)	396	396
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**30,712**	**36,420**

* Includes $19.3M to be spent on eligible activities as outlined in the Modern Manufacturing Initiative Collaboration Grant Agreement.

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	178
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

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.

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7.	**Financing facilities** *Note: the term "facility' includes all forms of financing arrangements available to the entity.* *Add notes as necessary for an understanding of the sources of finance available to the entity.*	**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)	(2,925)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(2,638)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(5,563)
8.4	Cash and cash equivalents at quarter end (item 4.6)	30,712
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	30,712
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	5.5

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.

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?

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?

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?

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.

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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: Board of Directors
(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.

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