

QUARTERLY REPORT

30 January 2023



Quarterly Activities Report for the Period Ending 31st December 2022

December 2022 Quarterly Highlights

- Successful listing on the Australian Securities Exchange (ASX) under the code RVT
- Initial Public Offering (IPO) raised \$25 million (before costs) through the issue of 62,500,000 shares at an issue price of \$0.40 per share
- Funds raised at IPO will be used to complete a Bankable Feasibility Study at the Company's wholly owned Richmond Vanadium Project
- The Richmond Vanadium Project is one of the largest undeveloped oxide vanadium resources in the world with a **Mineral Resource of 1.8Bt @ 0.36% for 6.7Mt V₂O₅ and Ore Reserve of 459Mt @ 0.49% for 2.25Mt V₂O₅¹**

Richmond Vanadium Technology Limited (**ASX: RVT**) (**Richmond Vanadium Technology, RVT or the Company**) is pleased to provide its Quarterly Report for the three-month period ending 31 December 2022. RVT is an Australian resources company which is advancing its 100% owned Richmond Vanadium Project in North Queensland.

RVT has a clear focus to unlock the potential of its Richmond Vanadium Project and deliver greater value through downstream processing in Australia

RVT listed on the ASX on 13 December having raised \$25 million (before costs) through the issue of 62,500,000 shares at an issue price of \$0.40 per share. Funds raised through the IPO will be primarily used to complete a Bankable Feasibility Study for the Richmond Vanadium Project, in addition to ongoing operating costs and cash outflows; investment in vanadium battery manufacturer Ultra Power Systems (UPS), general administration and working capital.

Bell Potter Securities Limited acted as Lead Manager for the IPO.

¹ Applicable Competent Person and JORC 2012 Code required information in relation to the Richmond Vanadium Project is contained in the Prospectus, dated 14 October 2022 and supplemented by the Supplementary Prospectus dated 21 October 2022 released to ASX on 9 December 2022, which should both be referred to in full.

ASX:RVT

CAPITAL STRUCTURE

Share Price: **A\$0.32**

Cash (31/12/22): **A\$23.4**

Ordinary Shares: **221.8M**

Market Cap: **A\$62.1M**

BOARD OF DIRECTORS

BRENDON GRYLLES

Independent
Non-Executive Chair

JON PRICE

Non-Executive Director

DR SHUANG (SHAUN) REN

Managing Director

CONTACT

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Richmond Vanadium Project

The Richmond Vanadium Project is one of the largest undeveloped oxide vanadium resources in the world with a **Mineral Resource (JORC 2012) of 1.8Bt @ 0.36% for 6.7Mt V₂O₅** and **Ore Reserve of 459Mt @ 0.49% for 2.25Mt V₂O₅**.

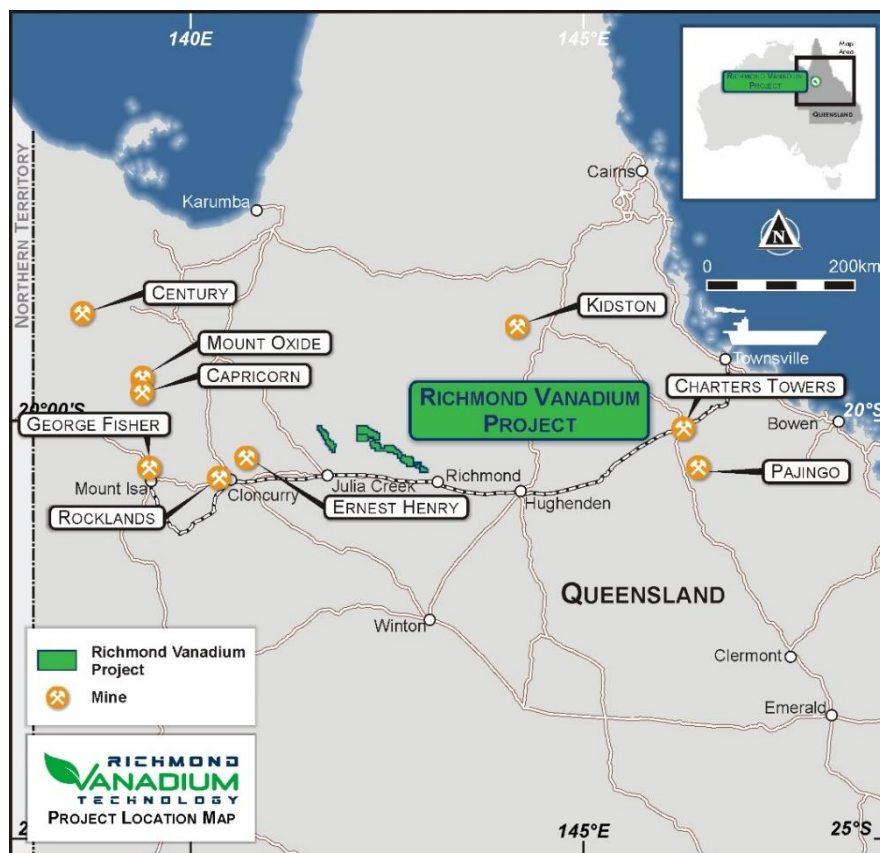


Figure 1 - Richmond Vanadium location map

The Company's Mineral Resource comprises three main prospects - Lilyvale, Manfred and Rothbury – across 5 tenements. Following resource definition drilling on the Lilyvale deposit in Q3 2019, RVT conducted a Mineral Resource update and a maiden Ore Reserve (compliant with the JORC 2012 code) ².

Richmond – Julia Creek Project Mineral Resource and Contained Metal (at 0.30% V ₂ O ₅ cut off)				
Deposit	Category	Tonnage (MT)	V ₂ O ₅ (%)	V ₂ O ₅ (MT)
Rothbury	Inferred	1,202	0.30	3.75
Lilyvale	Indicated	430	0.50	2.15
Lilyvale	Inferred	130	0.41	0.53
Manfred	Inferred	76	0.35	0.26
Totals and Averages		1,838	0.36	6.65

² Refer Prospectus, dated 14 October 2022 and supplemented by the Supplementary Prospectus dated 21 October 2022 released to ASX on 9 December 2022

Note:

The Mineral Resource for the project is reported according to the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, JORC Code (2012), at cut-off grade 0.30% V₂O₅.

Metal contents calculated using grades with 3 decimal places.

Metal Content varies from Mineral Resource Update by HGS (IRC:ASX) "Intermin announces world-class Vanadium Resource", 20 March 2018, due to arithmetic errors. The table above reflects the correct results for Manfred.

Richmond – Julia Creek Project Ore Reserve (Lilyvale Deposit)			
Category	Tonnage (MT)	V ₂ O ₅ (%)	V ₂ O ₅ (MT)
Proved	0.0	0.00	0.00
Probable	459.2	0.49	2.25
Total	459.2	0.49	2.25

Note:

The Ore Reserve for the project is reported according to the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, JORC Code (2012), at cut-off grade 0.30% V₂O₅.

The Ore Reserve statement is based on information compiled by Dr Dawei Xu, MAusIMM

Key attributes of Richmond Vanadium Project include:

- Large scalable project
- Fully oxidized free-dig resource
- Lower carbon footprint compared to titanomagnetite deposits due to easy mining and processing
- Tested metallurgy with proven technology (completed process flowsheet)
- Stable mining jurisdiction with access to infrastructure

Location

The Richmond Vanadium Project is located in the mining friendly jurisdiction of north Queensland, known for large copper mines with facilities and infrastructure to support operations.

Situated between the towns of Julia Creek and Richmond in North Queensland, the project is approximately 500km west of Townsville and 400km east of Mt Isa on the main east-west Flinders Highway and close to existing infrastructure including a gas pipeline, proposed Copper String 2.0 HV network line and Great Northern rail line linked to Townsville Port.

The project consists of five tenements (EPMs 25163, 25164, 25258, 26425, 26426) totaling 1,403km² and comprises three main prospects – Lilyvale, Manfred & Rothbury.

Project Status was approved by the Department of Natural Resources and Mines in August 2017 allowing project-based work programs, relinquishments, and expenditure.



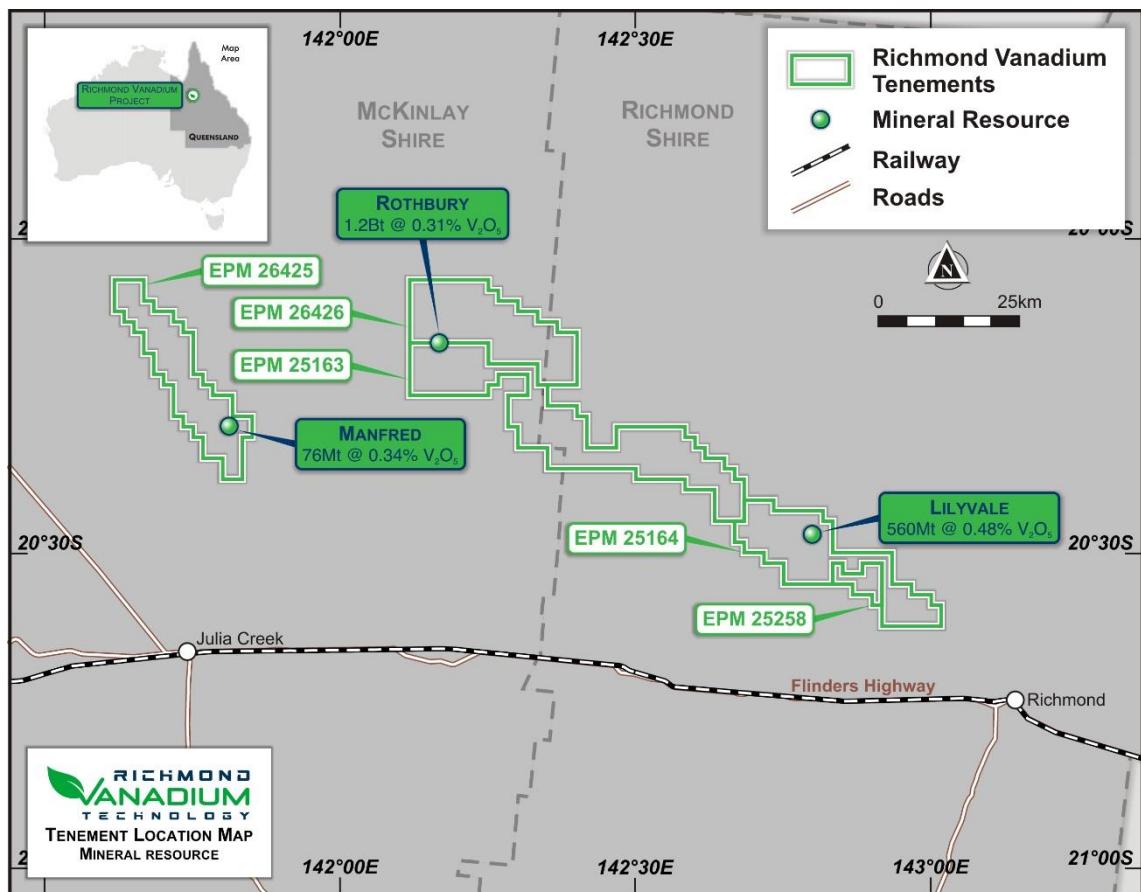


Figure 2 - Richmond Vanadium tenement map

Pre-Feasibility Study

Prior to listing on the ASX, RVT has completed Pre-Feasibility Study at the 1.8Bt Richmond Vanadium Project, which demonstrated a technically viable and financially attractive development project. The Project has a completed process flowsheet using conventional techniques with a provisional patent application lodged with IP Australia covering the method for the extraction of vanadium.

Coordinated Project

Prior to listing on the ASX, RVT reported that the Queensland Government had declared the Richmond Vanadium Project to be a Coordinated Project, making it the first critical minerals project to be awarded Coordinated Project status by the Queensland Government.

In Queensland, a coordinated project is considered to be one that has one or more of the following characteristics:

- complex approval requirements, involving local, state, and federal governments
- significant environmental effects
- strategic significance to the locality, region, or state, including for the infrastructure, economic and social benefits, capital investment or employment opportunities it may provide
- significant infrastructure requirements

The approval process for the declaration was facilitated by the Office of the Coordinator-General.



Environmental Impact Statement

In December 2022 the Draft Terms of Reference (TOR) for an Environmental Impact Statement (EIS) for the Richmond Vanadium Project were released for public and advisory agency comment. The Draft TOR describes the scope of environmental, social and economic matters that need to be considered within an EIS to evaluate a project's potential impacts and positive contributions to Queensland.

The Company encouraged stakeholders to participate in the consultation process (which closed on 13 January 2023) to ensure that their opinions and views were heard and understood. The Office of the Coordinator-General will consider all comments in finalising the TOR which will then be issued to RVT as matters to be addressed in an EIS.

RVT, with its environmental partner Epic Environmental, looks forward to working with the Office of the Coordinator-General to develop a comprehensive EIS for the Richmond Vanadium Project.

Vanadium Common-User Facility

In November 2021, the Queensland Government announced it will contribute "at least" \$10 million towards constructing a vanadium common-user facility (**VCUF**) to process vanadium from the state's vast deposits, allowing multiple small mining operations to access the facility with the ambition of kickstarting downstream battery storage industries in the state.

RVT is included in a panel helping to determine the Queensland Government's VCUF Future User Engagement Protocol. The Company believes that the Richmond Vanadium Project can have significant economic development benefits to regional Queensland and the national economy.

Corporate

In accordance with the reporting requirements of ASX Listing Rule 5.3 the Company advises there was \$82,000 expenditure on exploration and evaluation during the quarter. Expenditure predominantly related to environmental works, land access and internal studies. There was no expenditure on mining development or production activities.

Expenditure predominantly related to the compilation of RVT's Prospectus and listing on the ASX and transaction Costs relating to issue of equity securities

Comparison of Actual Expenditure to the Use of Funds Statement in the Prospectus dated 14 October 2022 and Supplementary Prospectus dated 21 October 2022 is included as Appendix A.

Vanadium

Vanadium is listed by the Australian and US Governments as a 'Critical Mineral' and presently, China, Brazil, Russia and South Africa account for the majority of worldwide production. The majority of current vanadium produced is as a by-product of magnetite or uranium processing, with a limited supply of battery grade material.

China holds around 42% of the world's reserves, but produces around 62% of vanadium, while Australia holds 18% of the world's reserves but currently does not produce vanadium.

Vanadium is used in many industries and applications with remarkable characteristics that make things stronger, lighter and more efficient. Most vanadium consumption (up to 92%) is ferrovanadium (a mixture of iron and vanadium) which is used to increase the strength and hardness of steel.

Vanadium is poised to play a pivotal role in the commercialisation of renewable energy with the vanadium based battery, the Vanadium Redox Flow Battery (**VRFB**), regarded as one of the leading energy storage systems. Vanadium consumption for VRFB's is forecast to grow at an average 20.7% a year over 2020 to 2029³.

³ Outlook for Selected Critical Minerals, Office of the Chief Economist, Australian Government, Department of Industry, Science, Energy and Resources, Australia 2021

With demand for renewable energy technology growing at a record pace, the demand for utility scale energy storage is crucial and VRFBs store large amounts of energy at a ready state for long periods of time, and rapidly release that energy as required. The Company's planned investment into and partnership with UPS, an Australian manufacturer of VRFBs, places Richmond Vanadium at the cutting edge of the renewable's revolution⁴.

Appendix A: Use of Funds

Listing Rule 5.3.4

Comparison of Use of Funds Statement set out in Prospectus dated 14 October 2022 and Supplementary Prospectus dated 21 October 2022 and actual expenditure for the quarter ended 31 December 2022. Richmond Vanadium listed on the ASX on 13 December 2022.

	Notes	Use of Funds* \$'000	Actual for Quarter** \$'000
Bankable Feasibility Study		13,295	0
Operating costs	1	494	82
Other cash outflows		1,495	0
UPS investment		3,000	0
General administration and working capital	2	4,878	496
Estimated expenses of the offer	3	2,153	1,739
Total estimated expenses		25,315	2,317
Cash balance 31 December 2022	4	23,366	

* Use of Funds as per Prospectus dated 14 October 2022 and Supplementary Prospectus dated 21 October 2022

** Quarter ended 31 December 2022 based on Appendix 5B Quarterly Cash Flow Report adjusted for GST

Notes:

- 1 Item 2.1(d) Exploration and Evaluation of Appendix 5B
- 2 Item 1.2(d) Staff Costs + (e) Administration and Corporate Costs of Appendix 5B
- 3 Item 1.8 + 3.4 IPO Costs of Appendix 5B
- 4 Item 5.5 of Appendix 5B

Appendix B: Financial Analysis of selected items within Appendix 5B

Aggregate amounts of payments to related parties and their associates included in item 6.1 of Appendix 5B for the quarter ended 31 December 2022.

Payment in accordance with the Prospectus for the period from 1 September 2022 to 31 December 2022	Notes	\$A'000
Attacoorie Pty Ltd (Brendon Grylls, Chair)	1	54
Jon Price, Non-Executive Director	2	18
Shuang Ren, Managing Director		110
Appendix 5B – item 6.1 Total		182

⁴ See RVT's Prospectus, dated 14 October 2022 and supplemented by the Supplementary Prospectus dated 21 October 2022 released to ASX on 9 December 2022, which should both be referred to in full



Notes:

- 1 Directors fees accrued from appointment (1 April 2022), paid December 2022
- 2 Directors fees accrued from appointment (14 June 2022), paid December 2022

Appendix C: Tenement Schedule – as at 31 December 2022

Mining tenements held at the end of the quarter and their location are as follows:

Tenement #	Title Holder	Tenement Ownership	State	Acquired during the Quarter	Disposed during the Quarter
Richmond – Julia Creek Project					
EPM25258	RVT	100%	Qld	No	No
EPM25163	RVT	100%	Qld	No	No
EPM25164	RVT	100%	Qld	No	No
EPM26425	RVT	100%	Qld	No	No
EOM26426	RVT	100%	Qld	No	No

No farm-in or farm-out agreements were entered into during the quarter.

This announcement has been authorised by the Board of Directors of RVT.

For more information:

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Competent Person Statement

The information in this announcement that relates to Minerals Resources and Ore Reserves referable to Richmond Vanadium Technology is extracted from the reports titled 'Prospectus' dated 14 October 2022 (which includes an Independent Technical Assessment Report at Schedule 1) and 'Supplementary Prospectus' dated 21 October 2022 released to the ASX on 9 December 2022 and available to view at richmondvanadium.com.au and for which Competent Persons' consents were obtained (together, the **Original Reports**).

Richmond Vanadium Technology confirms that it is not aware of any new information or data that materially affects the information included in the Original Reports and that all material assumptions and technical parameters underpinning the Mineral Resources and Ore reserves estimates in the Original Reports continue to apply and have not materially changed.

Richmond Vanadium Technology confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Original Reports and that each Competent Person's consent remains in place for subsequent releases by Richmond Vanadium Technology of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent.



Forward-Looking Statements

Certain statements contained in the announcement, including information as to the future financial or operating performance of the Company and its business operations, are forward looking statements. Such forward looking statements:

- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward looking statements; and may include, among other things, statements regarding estimates and assumptions in respect of prices, costs, results and capital expenditure, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions.

The Company disclaims any intent or obligation to publicly update any forward-looking statements, whether as a result of new information, future events or results or otherwise.

The words “believe”, “expect”, “anticipate”, “indicate”, “contemplate”, “target”, “plan”, “intends”, “continue”, “budget”, “estimate”, “may”, “will”, “schedule” and similar expressions identify forward looking statements.

All forward looking statements contained in the announcement are qualified by the foregoing cautionary statements. Recipients are cautioned that forward looking statements are not guarantees of future performance and accordingly recipients are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.



Appendix 5B

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

Name of entity

Richmond Vanadium Technology Ltd

ABN

63 617 799 738

Quarter ended ("current quarter")

31 December 2022

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	-	386
1.2 Payments for		
(a) exploration & evaluation	-	-
(b) development	-	-
(c) production	-	-
(d) staff costs	(340)	(501)
(e) administration and corporate costs	(156)	(381)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	16	17
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (Net GST refunded/(paid))	(85)	(97)
Other (IPO Costs expensed)	(398)	(527)
1.9 Net cash from / (used in) operating activities	(963)	(1,103)
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	(82)	(202)

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
(e) investments	-	-
(f) other non-current assets	-	-
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 (Security Deposit refunded)	-	-
2.6 Net cash from / (used in) investing activities	(82)	(202)

3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)	25,000	25,000
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	(1,341)	(1,380)
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 (Lease Payments)	-	-
3.10 Net cash from / (used in) financing activities	23,659	23,620

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	752	1,051
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(963)	(1,103)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(82)	(202)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	23,659	23,620
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	23,366	23,366

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	5	134
5.2	Call deposits	23,361	618
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)	23,366	752

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	182
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.

7.	Financing facilities <i>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.</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.		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(963)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(82)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(1,045)
8.4	Cash and cash equivalents at quarter end (item 4.6)	23,366
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	23,366
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	22.3
	<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.

30 January 2023

Date:

By the Board

Authorised by:
(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.