



## MARCH 2024 QUARTERLY REPORT

### HIGHLIGHTS

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Results of a resource review using new data from the 2022/23 drilling campaign define two separate, greater than 30 million tonne, ore bodies including a silver-rich maiden Indicated Resource.

As at March 2024, the Maronan project contains JORC 2012 compliant Inferred and Indicated Resources of:

- 32.1 Mt @ 6.1% lead with 107 g/t silver (using >3% lead cut-off grade) including,
  - 2.1 Mt @ 5.3% lead with 155 g/t silver as an Indicated Resource,
- 32.5 Mt @ 0.84% copper with 0.61 g/t gold and 7 g/t silver (using >0.4% copper cut-off grade), and
- 1.8 Mt @ 1.24 g/t gold (using >1.0 g/t gold cut-off grade) as a separate gold-only deposit.

The total resource base for Maronan is estimated to contain a significant 118 million ounces of silver, 2 million tonnes of lead, 272,000 tonnes of copper and 0.76 million ounces of gold

The silver-rich maiden Indicated Resource comes to within only 100 metres of surface which should enhance the project's economic potential.

Flotation work on the two separate silver-lead ore types have returned strong recoveries of both silver and lead, and produced lead concentrates with exceptionally high silver grades (932-1485 g/t), underlining their strong revenue potential.

Comminution work has shown the silver-lead ore types are easy to grind and can be classified as "Soft to Medium" providing significant processing cost advantages.

Copper metallurgical test work also returned strong recoveries (85-90%) and demonstrated that a saleable product (grading 25-27% copper) can be concentrated from the shallower, mixed mineral ore types – making the nearer to surface copper resources available for possible early development.

Work has commenced on a revised mining study with results expected next quarter.

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## ACTIVITIES REPORT

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This quarter, Maronan Metals Ltd (ASX: MMA) (Maronan or the Company) delivered a resource review (ASX: MMA 12 March 2024) and announced preliminary metallurgical results from research undertaken on previously untested ore types (ASX: MMA 17 April 2024).

### Resource Review

Infill drilling and strong assay results from Maronan Metals 2022/2023 drill campaign facilitated a revised resource estimate focused on silver-lead mineralisation within the Shallow Starter Zone and the Copper-Gold Zone. This work underlines the large size and significant grade of the Maronan deposit and the early development potential of the Shallow Starter Zone (Figure 1).

Two separate, greater than 30 million tonne, ore bodies are clearly defined at Maronan and as at March 2024, the Maronan project contains JORC 2012 compliant Inferred and Indicated Resources of:

- **32.1 Mt @ 6.1% lead with 107 g/t silver** (using >3% lead cut-off grade) including
  - 2.1 Mt @ 5.3% lead with 155 g/t silver (using >3% lead cut-off grade) Indicated Resource,
- **32.5 Mt @ 0.84% copper with 0.61 g/t gold and 7 g/t silver** (using >0.4% copper cut-off grade), and
- 1.8 Mt @ 1.24 g/t gold (using >1.0 g/t gold cut-off grade) as a separate gold-only deposit.

Importantly, the new resource estimate outlined a **silver-rich maiden Indicated Resource** that comes to within only 100 metres of surface which should enhance the project's economic potential (Figure 1). Resource modelling also outlined an enlarged Inferred Resource of copper-gold mineralisation and a new gold-only opportunity (Figure 2).

Declaring the **first Indicated Resource** near to surface is a significant milestone for the Maronan project and the Company. This work shows the large Maronan silver-lead resource has the geological continuity needed to successfully transition from an Inferred Resource to a lower-risk Indicated Resource category with further infill drilling – a key first step towards development of this large deposit.

Notably, the Maronan deposits total resource base is estimated to contain about 118 million ounces of silver, 2 million tonnes of lead, 272,000 tonnes of copper and 0.76 million ounces of gold with the large silver-lead and copper-gold resources both remaining open at depth (ASX: MMA 12 March 2024).

### Preliminary Metallurgical Test Results

Preliminary test work was undertaken for the first time on a sample of pyroxene-hosted silver-lead mineralisation and three separate samples of lower-grade copper-gold mineralisation including transitional and fresh ore types with mixed sulphide species (ASX: MMA 17 April 2024).

Results from flotation work on the pyroxene-hosted and carbonate-hosted silver-lead ore types have returned **strong recoveries of both silver and lead**, and produced lead concentrates with exceptionally **high-silver grades (932-1485 g/t)**, underlining their strong revenue potential.

In addition, comminution work has shown the silver-lead ore types are easy to grind and can be classified as "Soft to Medium" providing significant processing cost advantages.

Preliminary flotation work on the lower-grade, mixed mineral, copper sulphide ore types returned **strong recoveries for copper (85-90%)** and produced an excellent copper **concentrate grading 25-27% copper** with variable gold and silver contents (ASX: MMA 17 April 2024). Importantly, results demonstrate a saleable product can be concentrated from the shallower, mixed mineral ore types – making the nearer to surface copper resources available for possible early development.

Metallurgical test work to date reinforces the high-value proposition of the Maronan ores and provides key data for future optimisation test work. It is expected that the processing and mining advantages defined by these positive preliminary metallurgical tests will translate into very industry competitive capital and operating costs at Maronan.

### Company Promotion

Several initiatives were undertaken to raise the profile of the Company during the quarter. These included presenting at the Brisbane Mining Conference, NSW/ Queensland Precious and Base Metals Conference 2024 in Sydney, and posting promotional material and interviews with online platform Stockhead. Several articles were published and promoted on MMA's social media platforms.

### Financial

A tax offset of \$743,911.43 related to research and development activities during FY23 was received subsequent to 31 March.

### Corporate

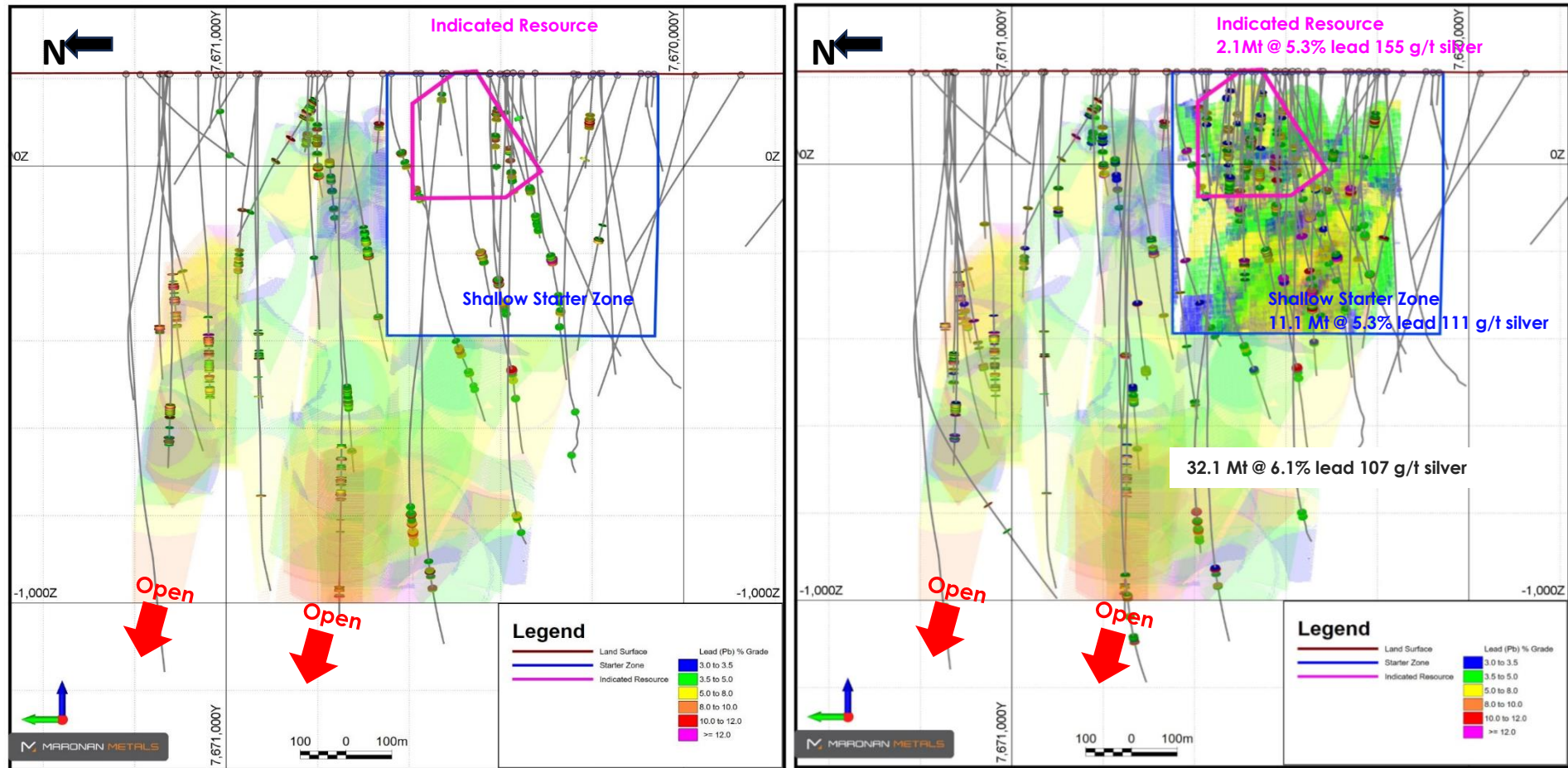
The Company advised that the Milestones on Performance Rights issued to Red Metal Limited (ASX: RDM) at the April 2022 IPO have been satisfied.

As set out in the Prospectus, RDM was issued with 13,500,000 Performance Rights with each Performance Right convertible as one fully paid ordinary share in MMA upon the satisfaction of two drilling intersection milestones. These milestones were achieved in the 2022/23 drilling program and were reported on ASX: MMA 2 January 2024.

The Board is evaluating options for funding the next phase of drilling activities for the project.

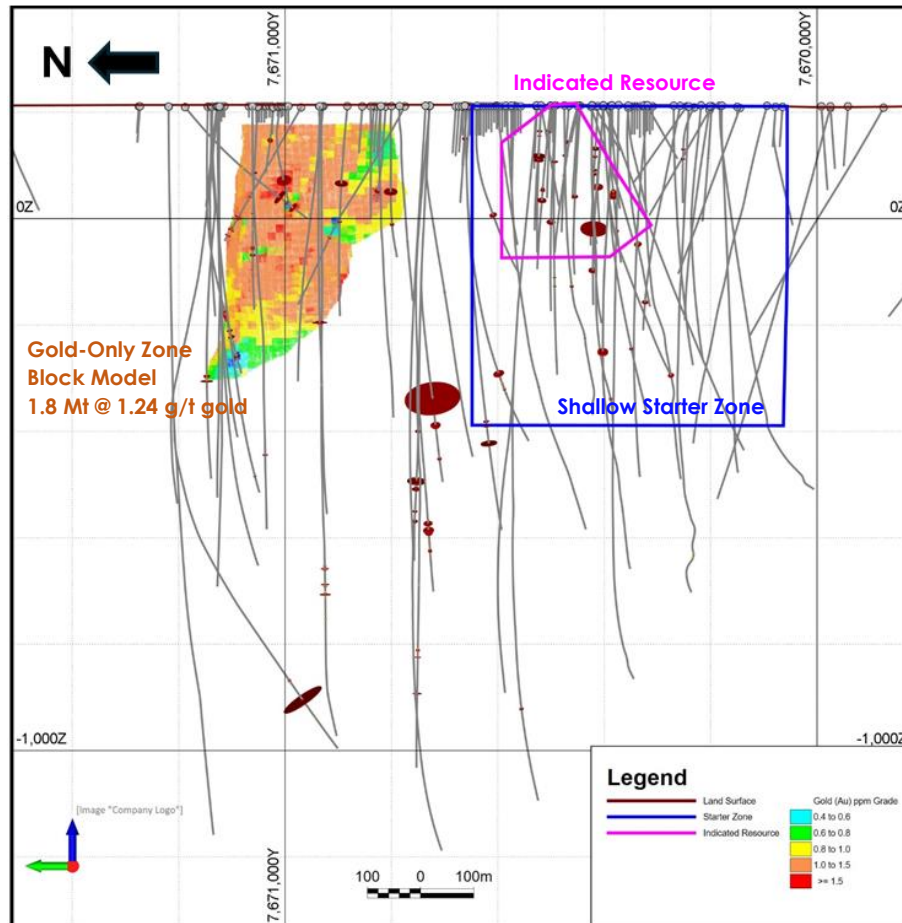
2015 Block Model Excluding the Starter Zone  
Shown With Pre-MMA Drilling

2024 Global Silver Lead Resource With 2024 Starter Zone  
Block Model Including New MMA Drilling

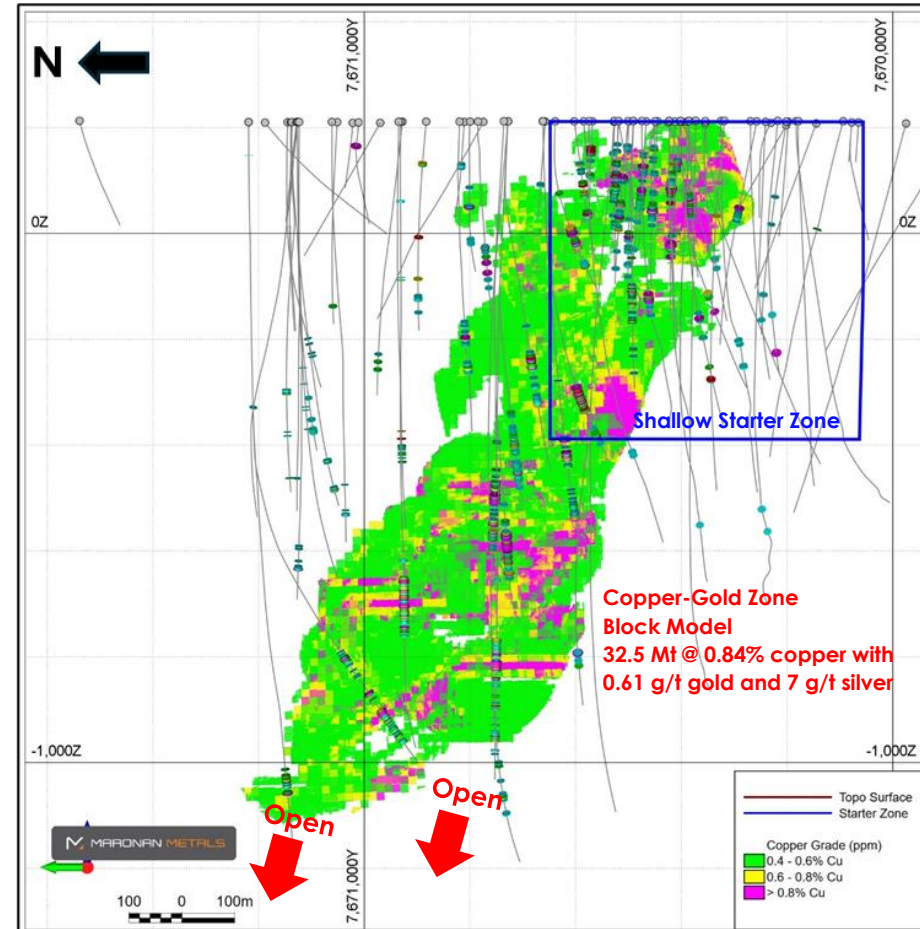


[Figure 1] Long section view of the block models for Maronan deposit viewed facing east. As at 2015 (left) showing Shallow Starter Zone area (blue rectangle) and Indicated Resource area (magenta polygon). 2024 block model overlain on the 2015 block model with all drilling up to 2024 (right). Note the higher density of drilling over the Shallow Starter Zone by 2024

2024 Gold-Only Block Model



2024 Copper-Gold Block Model



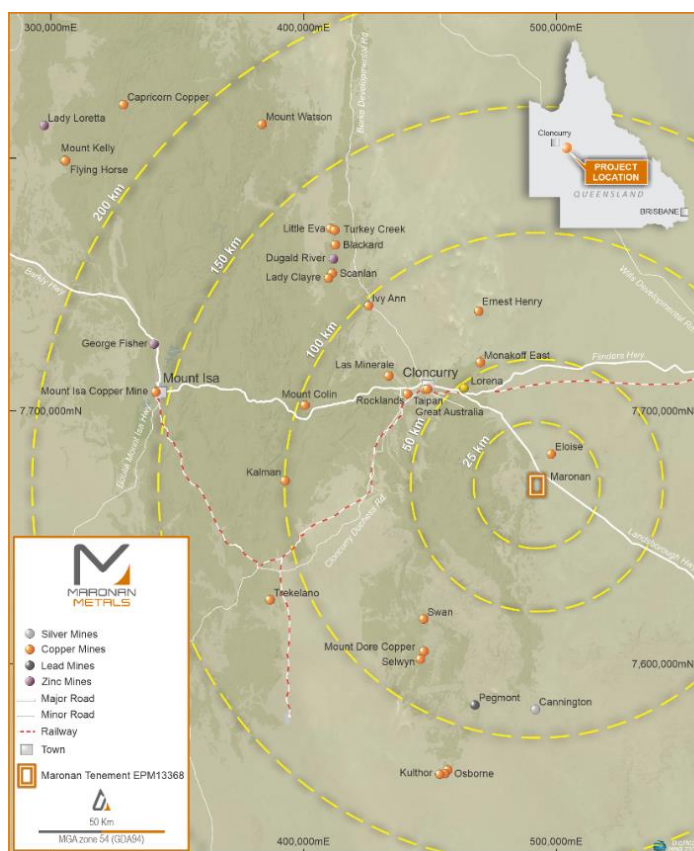
[Figure 2] Long section view (looking east) of the Gold Only Zone (left), coloured by the estimated gold grade (in ppm). Long section view (looking east) of the Copper-Gold Zone, coloured by the estimated copper grade (right). Note the potential for shallow copper-gold resources in the Starter Zone.



## ABOUT MARONAN METALS

**Maronan Metals Limited (ASX: MMA)** is an Australian mineral explorer focused on realising the growth potential of the advanced Maronan copper-gold and silver-lead deposit in the Cloncurry region of northwest Queensland - one of Australia's most productive mineral provinces.

Work to date has reinforced the understanding of the deposit's geometry and significant size potential while metal and grade variations allow considerable flexibility and optionality in how the resources can be appraised.



This announcement was authorised by the Board of Maronan Metals Limited. For further information on the Company, please visit: [maronanmetals.com.au](http://maronanmetals.com.au)

## CONTACT

**Richard Carlton**

Managing Director

+61 402 298 029

[richard.carlton@maronanmetals.com.au](mailto:richard.carlton@maronanmetals.com.au)

**Mark Flynn**

Investor Relations

+61 416 068 733

[mark.flynn@maronanmetals.com.au](mailto:mark.flynn@maronanmetals.com.au)

## ADDENDUM TO MARCH 2024 QUARTERLY ACTIVITIES REPORT

### Additional ASX Information

- ASX Listing Rule 5.3.1: Exploration and Evaluation Expenditure during the quarter ending 31 March 2024 was \$355,000.
- ASX Listing Rule 5.3.2: There were no substantive Mining Production and Development activities conducted during the quarter.
- ASX Listing Rule 5.3.4: Use of funds since listing compared with Prospectus lodged with ASX on 27 April 2022. Variance to date is due to the current stage through the exploration programme.
- ASX Listing Rule 5.3.5: During the quarter ending 31 March 2024, the Company paid \$109,456 to related parties representing Directors' salaries, fees and superannuation.

	Use of Funds in Prospectus \$000	Use of Funds to 31 Mar 2024 \$000
Exploration	11,000	10,450
Expenditure reimbursement	500	500
Expenses of the offer	880	798
Administration costs	1,500	1,677
Working capital	1,120	106
	<b>15,000</b>	<b>13,531</b>

Please refer to Appendix 5B for further information regarding movements in cash during the quarter.

**Table 2 - Granted exploration tenements held at the end of the Quarter are as follows:**

Project	Tenement Reference	Company Interest (%)	Comments
Maronan	EPM 13368	100	

**Table 3 - Exploration tenements acquired or disposed of during the quarter are as follows:**

Project	Tenement Reference	Status	Comments
Nil			

**-ENDS-**

## COMPETENT PERSONS STATEMENT

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The information in this report that relates to Exploration Results is based on and fairly represents information and supporting documentation compiled by Mr Robert Rutherford, who is a member of the Australian Institute of Geoscientists (AIG). Mr Rutherford is the Non-Executive Technical Director of the Company. Mr Rutherford 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 as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Rutherford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



## Appendix 5B

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

Name of entity

Maronan Metals Limited

ABN

17 156 269 993

Quarter ended ("current quarter")

31 March 2024

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation	(354)	(3,928)
(b) development	-	
(c) production	-	
(d) staff costs	-	
(e) administration and corporate costs	(264)	(737)
1.3 Dividends received (see note 3)	-	
1.4 Interest received	6	33
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 GSTI)	63	177
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(549)</b>	<b>(4,455)</b>
<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	(6)	(6)
(d) exploration & evaluation	-	-
(e) investments	-	-
(f) other non-current assets	-	-

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

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 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)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(6)</b>	<b>(6)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
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)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>-</b>	<b>-</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	2,024	5,930
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(549)	(4,455)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(6)	(6)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-

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

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (9 months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held		
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>1,469</b>	<b>1,469</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	1,469	2,024
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>1,469</b>	<b>2,024</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$A'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(109)
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>		

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

<b>7. Financing facilities</b>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
<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>		
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 <b>Total financing facilities</b>	-	-
7.5 <b>Unused financing facilities available at quarter end</b>		-
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.		

<b>8. Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (item 1.9)	(550)
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)	(550)
8.4 Cash and cash equivalents at quarter end (item 4.6)	1,469
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	1,469
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	2.67
<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?	
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?	
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?	
<i>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.</i>	

## 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.

29 April 2024

Date: .....

The Board of Directors

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.