



## SEPTEMBER 2023 QUARTERLY REPORT

### HIGHLIGHTS

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- Drilling at Maronan during the quarter continued to return more wide intercepts of high-grade silver with lead mineralisation within the shallow Starter Zone
- Significant intercepts from the Eastern Horizons include:
  - 21.15m @ 5.0% lead, 195g/t silver (329g/t Silver Equivalent) (MRN23013), incl
    - 6.15m @ 6.9% lead, 517g/t silver (685g/t Silver Equivalent)
  - 5.10m @ 6.9% lead, 121g/t silver (316g/t Silver Equivalent) (MRN23011)
  - 10.0m @ 4.5% lead, 112g/t silver (237g/t Silver Equivalent) (MRN23012)
- Assays from the strong visible lead sulphide mineralisation interpreted at Western Horizons in MRN23008 returned:
  - 5.8m @ 8.4% lead, 231g/t silver, 0.9% zinc (463g/t Silver Equivalent)
  - 11.8m @ 5.9% lead, 69g/t silver, 1.2% zinc (239g/t Silver Equivalent)
- The closer spaced drilling further supports our geologists' steep-plunge interpretation for the thickened high-grade silver-lead zones providing greater predictability for future drilling.
- The 18-month drilling phase of the exploration program outlined at IPO has been successfully completed within budget. Assay results from several holes are pending.
- Eight water bore holes for use in base line environmental studies have been completed.
- Compilation of drilling results and a resource review are underway in preparation for a revised mining study in H1 2024.

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## ACTIVITIES REPORT

Drilling this quarter continued to build confidence in the near surface Starter Zone with several wide intercepts of high tenor silver and lead mineralisation reported on each of the Western and Eastern Horizons. Drilling further demonstrates the strong geological and grade continuity of the separate Western and Eastern Horizons re-enforcing its resource and near-term development potential.

A total of 4,371.9 metres drilling was completed this quarter, bringing the total exploration drilling since inception of the current program in August 2022 to 16,783.9 metres.

### Shallow Starter Zone

Shallow drill success led to the definition and focused activity on the 500m strike length and 600m deep Starter Zone which offers the best opportunity for any early development (Figures 1 & 2). Several successful step-out and infill holes were completed this quarter firming up the continuity, grade and thickness of the promising Eastern and Western silver with lead horizons, and intervening copper-gold lenses.

### Eastern Horizons

Standout silver with lead assays from this quarter's drilling on the Eastern Horizons include:

#### **MRN23008**

- 4.40 metres @ 4.7% lead, 149g/t silver (277g/t Silver Equivalent).

#### **MRN23009**

- 4.80 metres @ 4.3% lead, 139g/t silver (256g/t Silver Equivalent), including
  - 3.0 metres @ 6.3% lead, 206g/t silver (378g/t Silver Equivalent).

#### **MRN23010**

- 4.20 metres @ 6.6% lead, 327g/t silver, 0.15g/t Au (499g/t Silver Equivalent)

#### **MRN23011**

- 5.10 metres @ 6.9% lead, 121g/t silver (316g/t Silver Equivalent), including
  - 3.0m @ 5.6% lead, 147g/t silver (302g/t Silver Equivalent)

#### **MRN23012**

- 4.07 metres @ 7.7% lead, 170g/t silver (386g/t Silver Equivalent) including
  - 1.74 metres @ 14.8% lead, 320g/t silver (735g/t Silver Equivalent)
- 10.0 metres @ 4.5% lead, 112g/t silver (237g/t Silver Equivalent) including
  - 4.0 metres @ 5.0% lead, 200g/t silver (334g/t Silver Equivalent)

#### **MRN23013**

- 21.15 metres @ 5.0% lead, 195g/t silver (329g/t Silver Equivalent), including
  - 6.15 metres @ 6.9% lead, 517g/t silver (685g/t Silver Equivalent), and
  - 2.0 metres @ 10.4% lead, 851g/t silver (1,099g/t Silver Equivalent)

Importantly, the thick intercepts of high tenor silver-lead mineralisation in MRN23012 and MRN23013 correlate with other strong intercepts in nearby holes MRN07002, MRN23001, MRN23005 and MRN23007 highlighting the good continuity and economic potential of the silver-rich Eastern Horizons. The closer spaced drilling further supports our geologists' steep-plunge interpretation for the thickened high-grade silver-lead zones providing greater predictability for future drilling.

### Western Horizons

Assays on the strong lead sulphide mineralisation in MRN23008 interpreted as Western Horizons returned high tenor silver with lead and zinc mineralisation including:

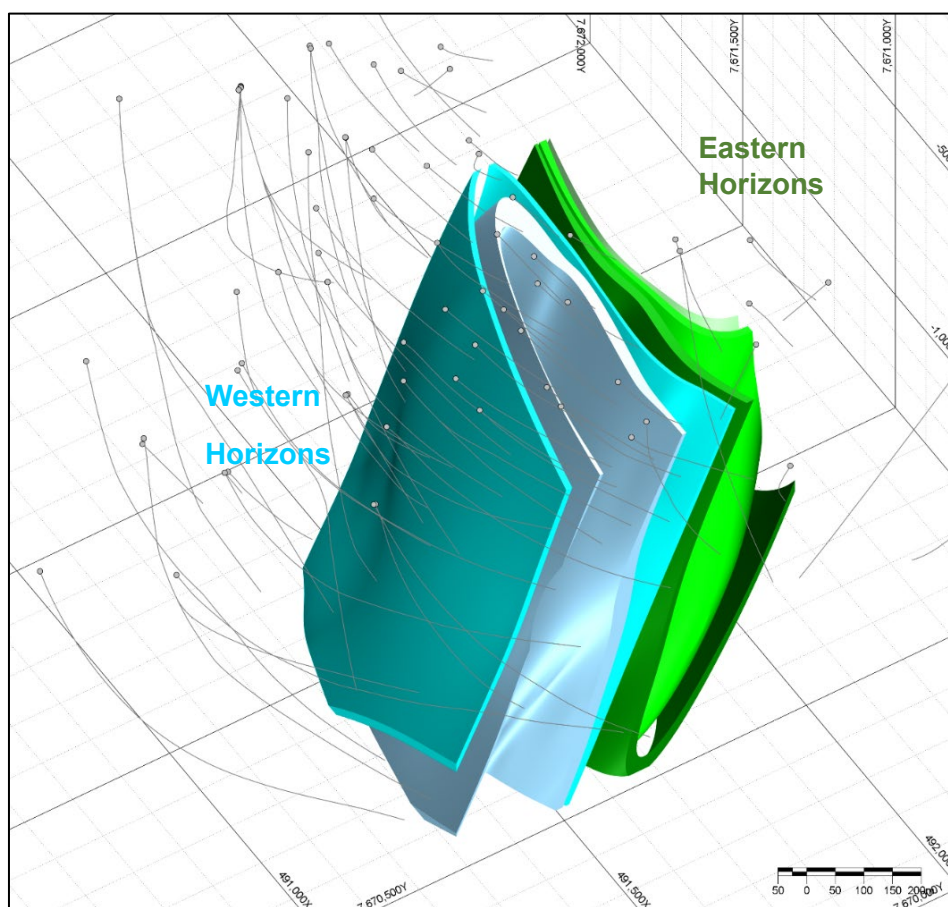
#### **MRN23008**

- 5.8m @ 8.4% lead, 231g/t silver, 0.9% zinc (463g/t Silver Equivalent), including,
  - 2.0m @ 15.4% lead, 372g/t silver, 0.8% zinc (801g/t Silver Equivalent), and
- 11.8m @ 5.9% lead, 69g/t silver, 1.2% zinc (239g/t Silver Equivalent), including
  - 3.8 m @ 11.7% lead, 131g/t silver, 3.2% zinc (468g/t Silver Equivalent).

The Western Horizons in MRN23008 are about 180 metres above and 30 metres south of those in historic hole MRN07001 (Figure 4) which intersected:

#### **MRN07001**

- 14.5m @ 11.1% lead, 133g/t silver (256g/t Silver Equivalent), including
  - 6.5m @ grading 18.1% lead, 255g/t silver (256g/t Silver Equivalent).



[Figure 1] Oblique view of updated 3D geological model for the Starter Zone. With recent closer spaced drilling, confidence interpreting individual horizons has increased resulting in an updated, more detailed geological model. The model is being progressively updated as more drilling is completed.

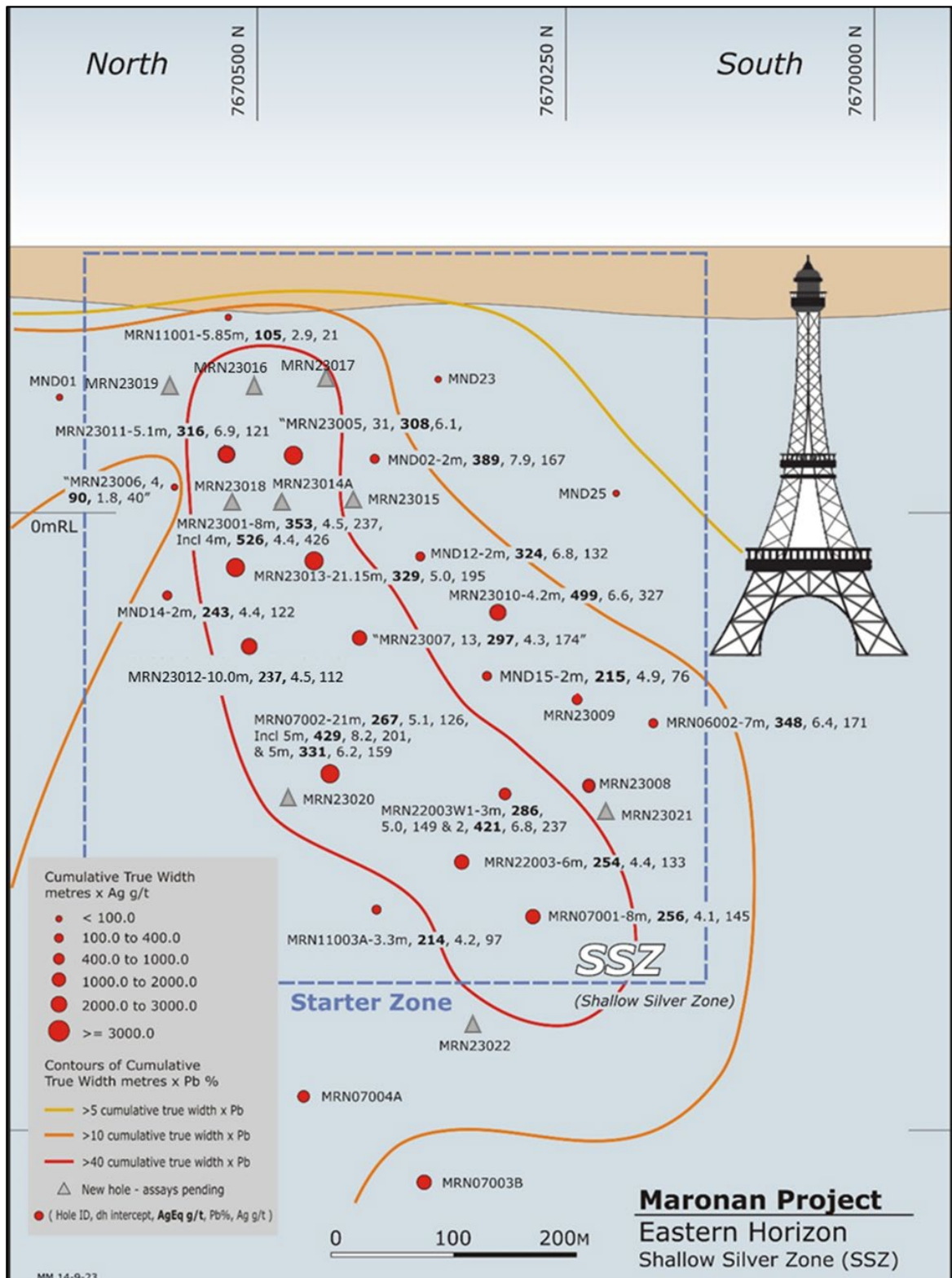


Figure 2: The 500m strike length and 600m depth Starter Zone offers the best opportunity for any early development. Long section showing strong geological and grade continuity of the silver rich Eastern Horizon and its steep plunge

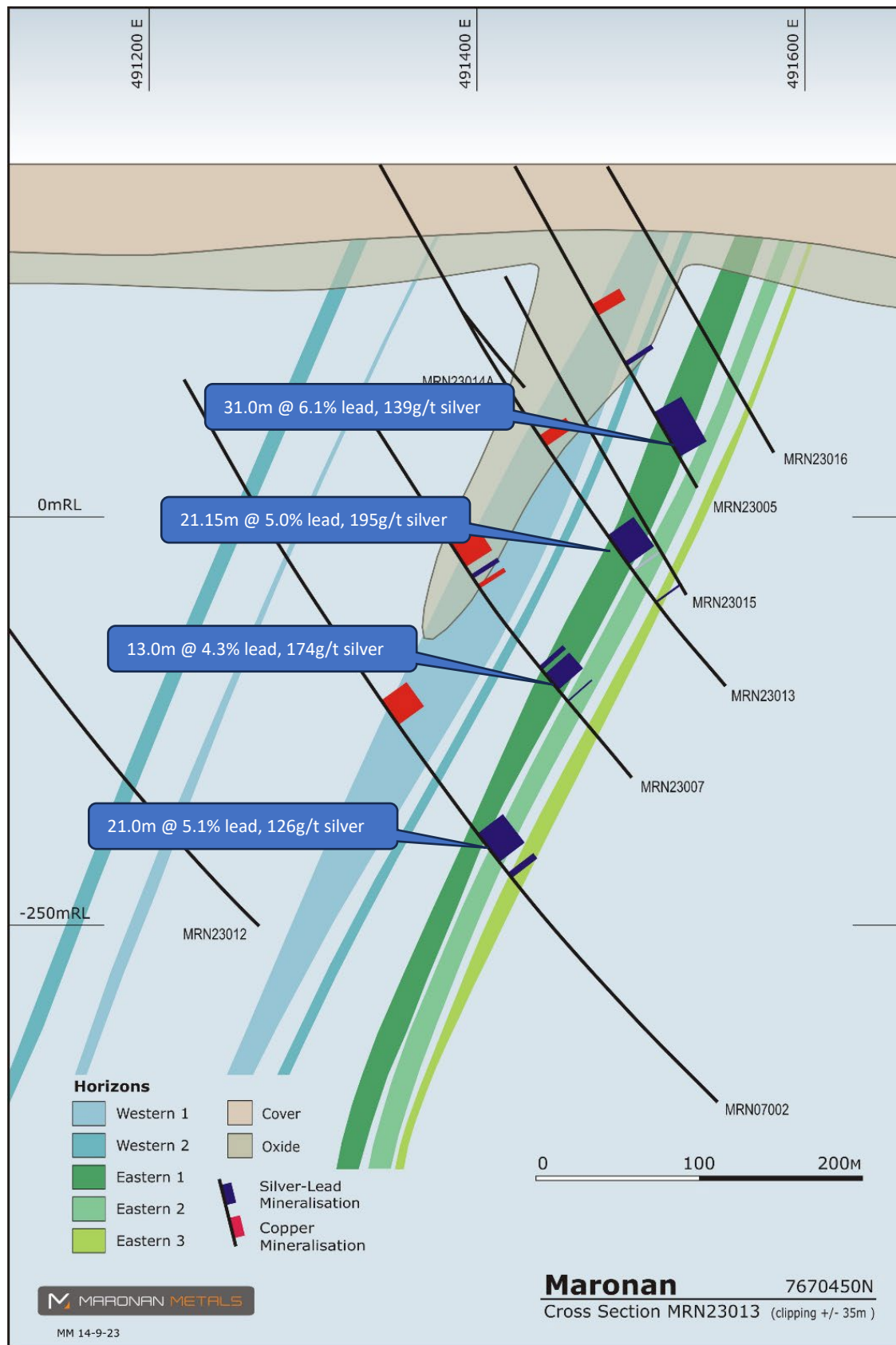


Figure 3: Cross section, showing results for MRN23013 highlighting strong geological and grade continuity of the Eastern Horizons within the shallow Starter Zone.



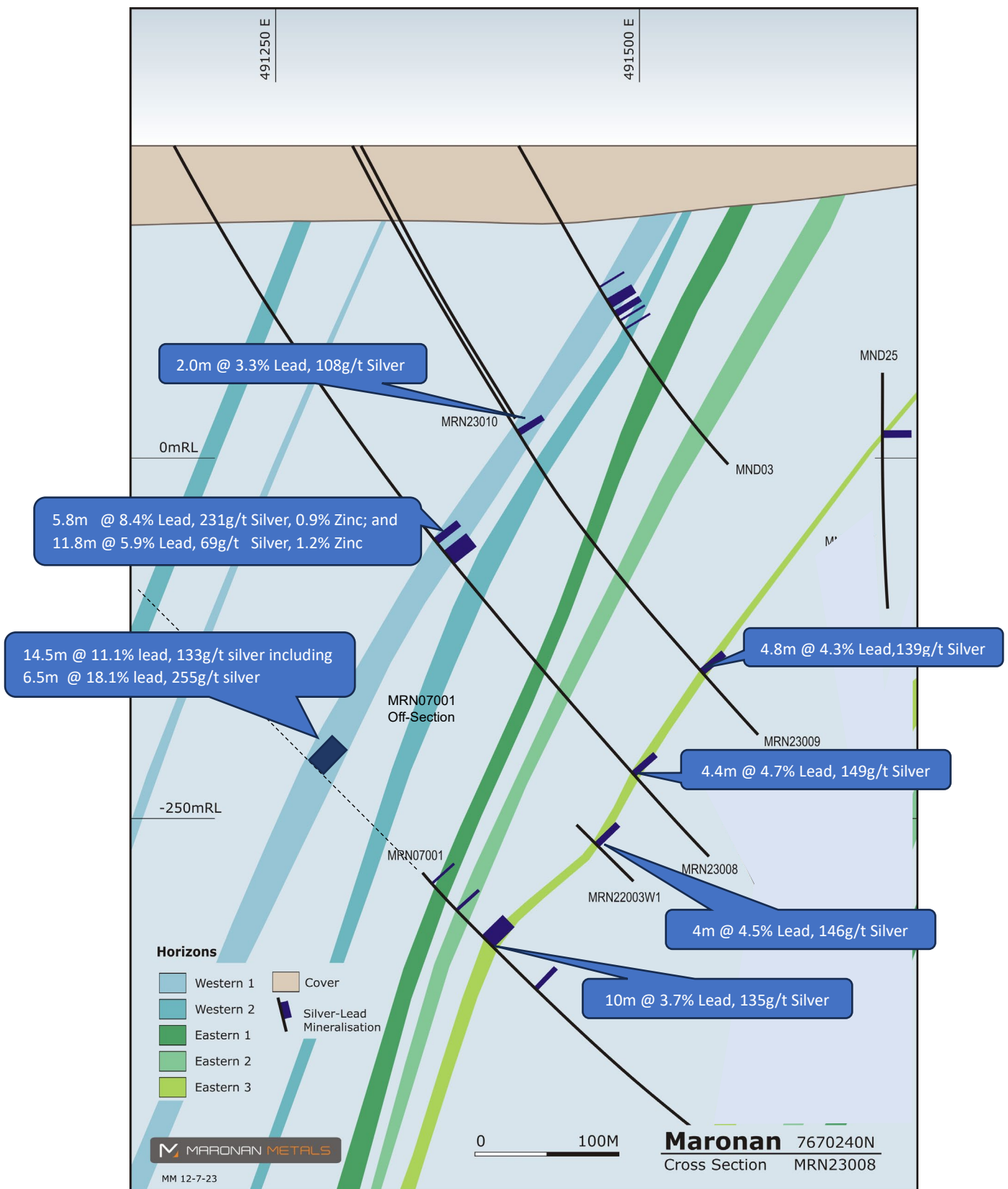


Figure 4: Cross showing MRN23008 and MRN23009 highlighting strong geological and grade continuity of the separate Western and Eastern Horizons within the shallow Starter Zone.

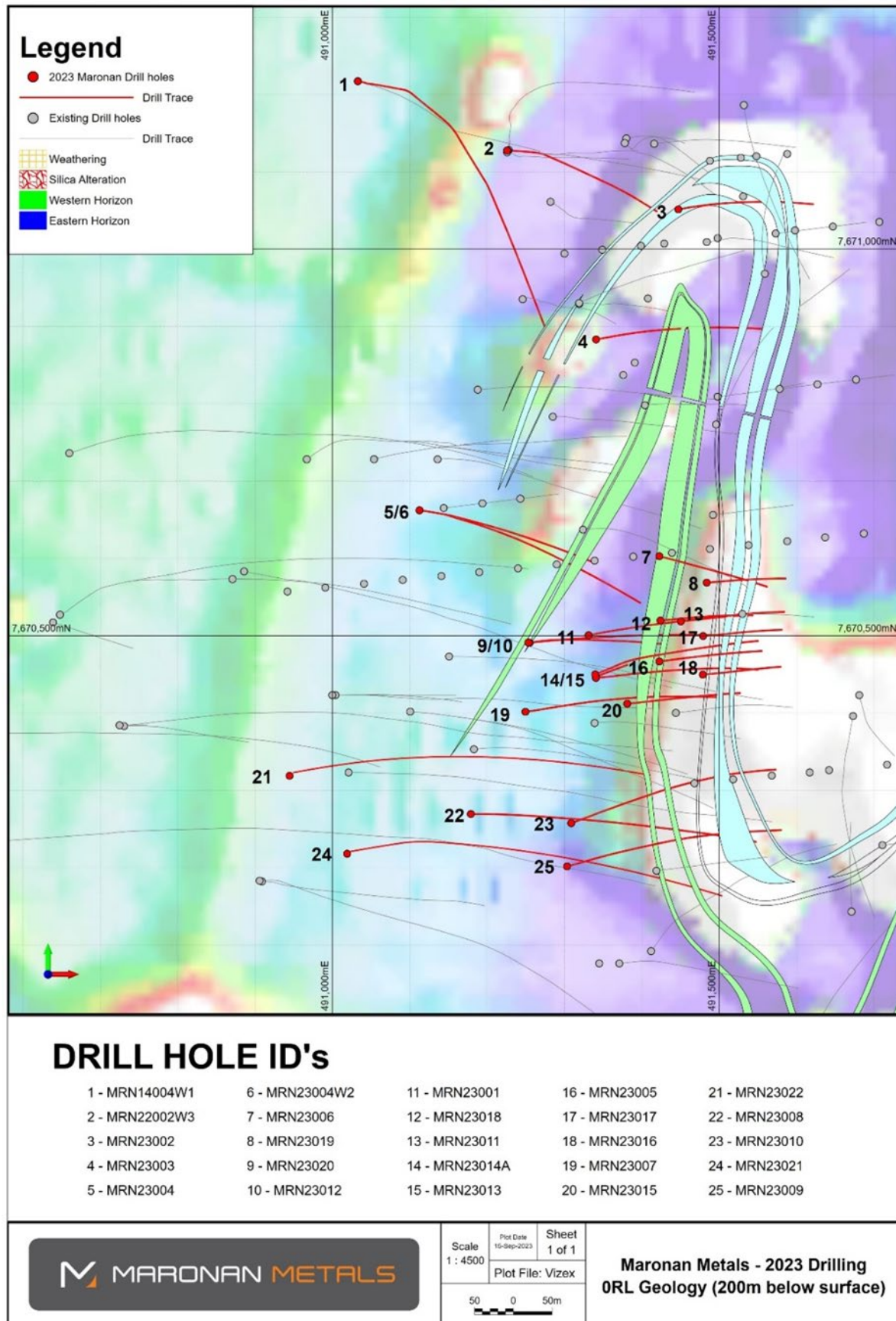


Figure 5: Plan view of 2022/2023 drilling completed at the Maronan Project with respect to key target horizons at the 0mRL (200m below surface).

**Table 1: Summary of drilling completed since 1 January 2023**

Drill Hole	East	North	RL	Dip	Azimuth	Hole Depth (m)	Target	Assay Results
MRN22005	490660	7670730	211	-80	75	1,543.8	Target 4 below MRN12004B.	ASX Release 4/4/23
MRN23001	491330	7670500	212	-60	80	366	Starter Zone	ASX Release 18/4/23
MRN23002	491447	7671050	212	-70	80	421.0	NFZ - Gold	Assays not material
MRN23003	491343	7670883	211	-65	80	450.9	NFZ - Target 2 up-plunge	Assays not material
MRN22002W3	491227	7671127	210.8	-80	90	759.7	NFZ -Target 2	Assays not material
MRN23004	491111	7670663	211	-80	100	834.8	Starter Zone to Target 3	ASX Release 19/7/23
MRN23004W2	491111	7670663	211	-80	100	720.6	Starter Zone to Target 3	ASX Release 19/7/23
MRN23005	491423	7670460	210	-60	85	272.6	Starter Zone	ASX Release 29/5/23
MRN23006	491421	7670599	210	-60	105	299.4	Starter Zone	ASX Release 31/7/23
MRN14004W1	491033	7671217	210	-88	92	1320	Copper-Gold Zone DHEM	ASX Release 19/7/23
MRN23007	491254	7670402	211	-60	85	450.3	Starter Zone SSZ	ASX Release 31/7/23
MRN23008	491180	7670270	211	-60	90	615	Starter Zone	ASX Release 9/8/23
MRN23009	491305	7670202	210	-60	75	493.4	Starter Zone	ASX Release 9/8/23
MRN23010	491308	7670253	210	-60	70	504.5	Starter Zone	ASX Release 20/9/23
MRN23011	491450	7670520	212	-60	85	270.7	Starter Zone SSZ	ASX Release 20/9/23
MRN23012	491254	7670500	211	-60	85	460.7	Starter Zone SSZ	ASX Release 20/9/23
MRN23013	491340	7670445	211	-60	85	381.7	Starter Zone SSZ	ASX Release 20/9/23
MRN23014A	491340	7670445	211	-55	69	351.6	Starter Zone SSZ	Expected Nov 2023
MRN23015	491381	7670410	212	-60	85	300.7	Starter Zone SSZ	Expected Nov 2023
MRN23016	491480	7670448	212	-60	85	201.6	Starter Zone SSZ	Expected Nov 2023
MRN23017	491480	7670500	212	-60	85	201.6	Starter Zone SSZ	Expected Nov 2023
MRN23018	491424	7670520	212	-68	85	300.5	Starter Zone SSZ	Expected Nov 2023
MRN23019	491484	7670568	212	-60	85	198.1	Starter Zone SSZ	Expected Nov 2023
MRN23020	491253	7670491	212	-75	85	537.5	Starter Zone SSZ	Expected Nov 2023
MRN23021	491019	7670218	213	-60	80	680.9	Starter Zone Western	Expected Dec 2023
MRN23022	490949	7670323	212	-65	80	849.9	Starter Zone Western	Expected Dec 2023



## Exploration Drilling Phase

In the prospectus for the April 2022 IPO an exploration program was outlined which included an 18-month diamond drilling phase of between 10,000 and 15,000 metres ahead of subsequent evaluation. This drill phase which totaled 16,783.9 metres of drilling has now been completed within budget.

In addition, eight water bore holes were drilled, totaling 363.3 metres, for use in base line environmental monitoring studies.

## Ongoing Work Program

Assay results are pending from several holes from the recently completed drill program.

The program will now move to assessing the assay results and updating the previous geological model in preparation for a resource review and revised mining study during H1 2024.

Preparations for ground-based exploration over the electromagnetic (EM) target several hundred metres north of the main Maronan mineralisation are underway.

## Corporate

Mr Ian Gebbie was appointed as Company Secretary with effect from 16 October 2023 and Ms Catriona Glover resigned as Company Secretary with effect from 16 October 2023.

## ADDENDUM TO SEPTEMBER 2023 QUARTERLY ACTIVITIES REPORT

### Additional ASX Information

- ASX Listing Rule 5.3.1: Exploration and Evaluation Expenditure during the quarter ending 30 September 2023 was \$2,142,000.
- 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 30 September 2023, the Company paid \$109,897 to related parties representing Directors' salaries, fees and superannuation.

	Use of Funds in Prospectus \$000	Use of Funds to 30 Sept 2023 \$000
Exploration	11,000	8,658
Expenditure reimbursement	500	500
Expenses of the offer	880	798
Administration costs	1,500	1,161
Working capital	1,120	298
	<b>15,000</b>	<b>11,415</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-**

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

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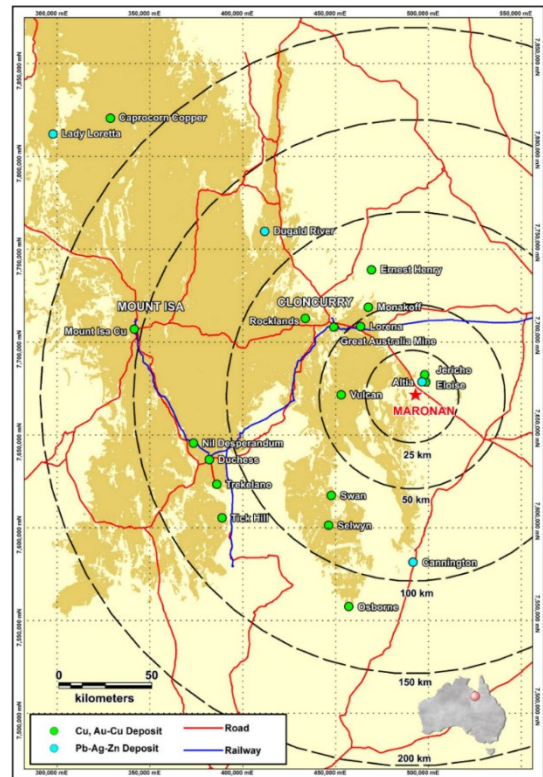
## ABOUT MARONAN METALS

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.

The Maronan Project contains JORC 2012 compliant Inferred Resources of:

- 30.8Mt @ 6.5% lead with 106 g/t silver (using a 3% lead cut-off grade)
- 11Mt @ 1.6% copper with 0.8 g/t gold (using a 1.0% copper cut-off grade)

The deposit offers significant untested exploration upside for high-value targets near surface and at depth.



## COMPETENT PERSONS STATEMENT

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")

30 September 2023

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
<b>1.</b>	<b>Cash flows from operating activities</b>		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation	(2,142)	(2,142)
	(b) development	-	
	(c) production	-	
	(d) staff costs	-	
	(e) administration and corporate costs	(221)	(221)
1.3	Dividends received (see note 3)	-	
1.4	Interest received	18	18
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)	-	-
<b>1.9</b>	<b>Net cash from / (used in) operating activities</b>	<b>(2,345)</b>	<b>(2,345)</b>
<b>2.</b>	<b>Cash flows from investing activities</b>		
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	-	-



<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (3 months) \$A'000</b>
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>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>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	5,930	5,930
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(2,345)	(2,345)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
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

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	3,585	3,585

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	3,585	5,930
5.2	Call deposits		
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)	3,585	5,930

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	(110)
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.		

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

<b>7. Financing facilities</b> <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>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
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)	(2,345)
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)	(2,345)
8.4 Cash and cash equivalents at quarter end (item 4.6)	3,585
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	3,585
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	1.53
<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?	
The net operating cash flows going forward have been significantly reduced with the exploration drilling phase, the highest single cost, now complete. The exploration program now turns to technical evaluation of results including updating the resource model and related studies which are lower cost when compared with drilling.	
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?	
The Company has sufficient funds for its current technical evaluation programs.	

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?

The company expects to continue its operations and meet its original IPO objectives. With the drilling phase now complete, focus now turns to evaluating results and planning appropriate next steps.

*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.

25 October 2023

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.