rubix
RESOURCES LIMITED

December 2022 Quarterly Activities Report

Rubix Resources Limited (ASX: RB6, "**Rubix**", or the "**Company**") is pleased to provide a quarterly update on its activities for the December 2022 quarter.

Paperbark Project (Cu, Zn-Pb) – 100%

Following the completion of drilling at the Paperbark Project in northwest Queensland, assay results were received and announced on 20 January 2023. The results indicated the probable continuity of the JB Zone "Exploration Target[1]" towards the east, where Zn-Pb mineralisation is known to occur at a similar stratigraphic level at the JE Zone (**Figure 1**). At the JB Zone, the results were consistent with historical drilling and suggest that mineralisation is both predicable along-strike, and that further drilling may expand the size of the Exploration Target[1]. The results also indicated that there may be additional fault-controlled locations within Rubix' tenure that are prospective for Zn-Pb mineralisation.

With this in mind, Rubix is actively investigating the prospectivity of surface geochemical anomalies to the east of the JB Zone which occur in favourable structural positions adjacent to significant faults. Areas of interest include the Fox and Tasman anomalies.

Drilling from the Grunter North copper prospect did not uncover the source of surface copper anomalism, and this anomalism remains unexplained. Rubix is investigating both:

1. The possibility of a source body to the east, where stream sediment copper anomalies are coincident with the surface distribution of the Lady Loretta Formation and are associated with both a magnetic anomaly and northeast-trending faults and;
2. The structurally-controlled, sediment-hosted copper potential of Proterozoic basement rocks. Deposits of this type include the Capricorn copper mine (formerly Mount Gordon and Gunpowder mines), which is hosted by carbonaceous shales and chert breccias of the Esperanza Formation (which underlies the Lady Loretta Formation) near the convergence of the Mammoth and Mammoth Extended faults, and the Lady Annie copper project which is hosted principally in the Gunpowder Creek and Paradise Creek Formations (which underlie the Esperanza Formation).

The Paperbark Project comprises EPM14309, held 100% by Rubix, and contains several prospective targets for both Zn-Pb and Cu mineralisation (Figure 1). Located approximately 25km to the southwest of the Century Pb-Zn deposit, the EPM encompasses the same geology which is host to the Century, Mount Isa, George Fisher and MacArthur River giant Pb-Zn deposits. This region is host to one of the world's largest accumulations of zinc.

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[1] The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource in this area. It is uncertain if further exploration will result in the estimation of a Mineral Resource.

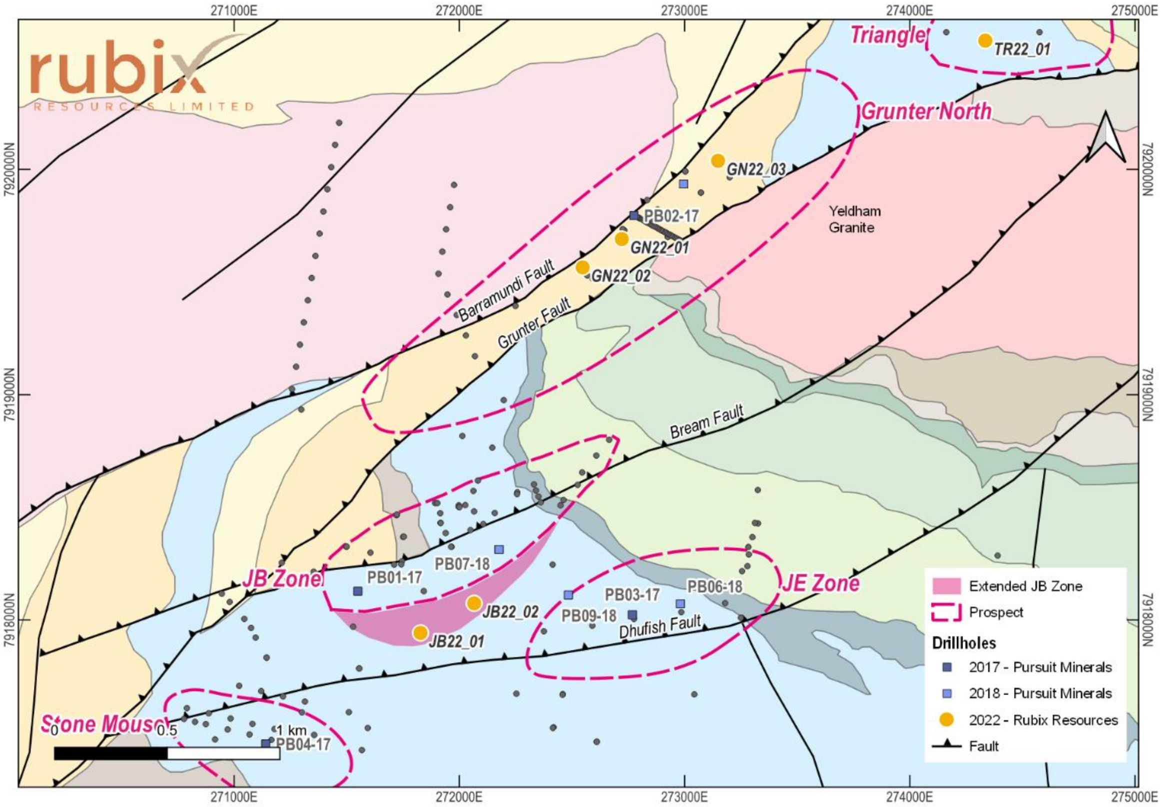

Figure 1 – Rubix' 2022 drillholes, named prospects and selected historic drillholes, showing the approximate position of the Exploration Target.

Lake Johnston Project (Ni-Cu, PGE, Li) – 100%

In December, a site visit was undertaken to test the validity of a new interpretation based upon an aeromagnetic and radiometric survey completed by Rubix in March 2022. A total of 9 surface rock-chip samples and 63 soil samples were collected from selected locations identified as being 'anomalous' in the geophysical data. These locations are interpreted to represent continuations of the Lake Johnston Greenstone Belt in Rubix' tenure. Samples were submitted for assay at LabWest Perth, with results due to be released in Q1 2023.

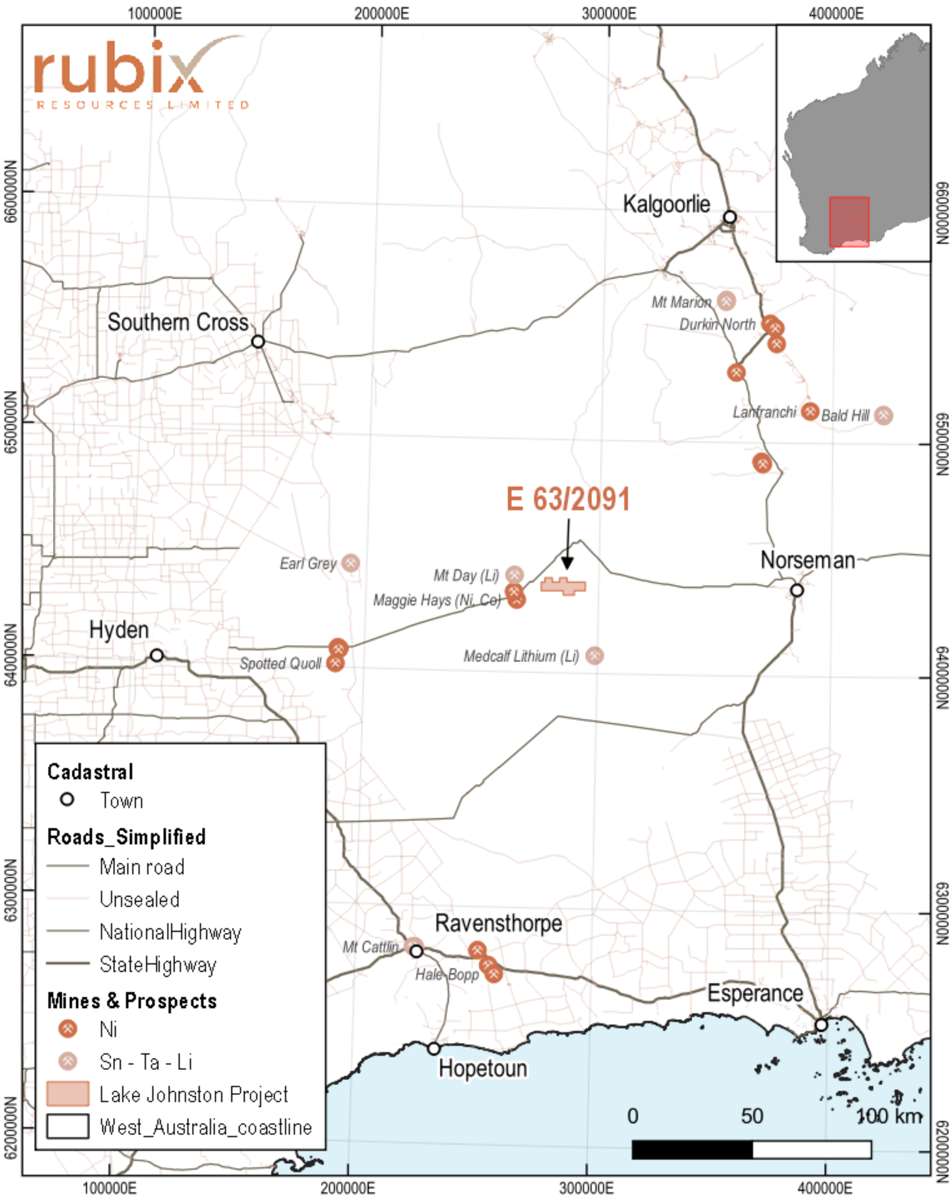

Figure 2 – Location of the Lake Johnston Project and selected nearby nickel and lithium (± tin ± tantalum) projects including Mt Holland / Earl Grey.

The Lake Johnston Project is situated approximately 105km west of Norseman (**Figure 2**), WA and covers the salt pans of Lake Johnston. Comprising a single exploration licence (E 63/2091), the project is positioned over a portion of the Jimberlana Dyke where it crosscuts the Lake Johnston Greenstone Belt. Both the Jimberlana Dyke and Lake Johnston Greenstone Belt are prospective for Ni-Cu and PGE mineralisation. The Lake Johnston Greenstone Belt is additionally prospective for lithium pegmatite mineralisation within Rubix' tenure, as supported by recent nearby drill results (Charger Metals NL ASX release dated 19 January 2023) and proximity to the Mt Holland / Earl Grey Lithium Project (Covalent Lithium) ~70km to the west.

Collurabbie North Project (Ni-Cu-PGE) – 100%

The company has commenced negotiations with the Tarlka Matua Piarku (Aboriginal Corporation) RNTBC regarding a program of Non-Ground-Disturbing works with the aim of completing a ground gravity survey at Collurabbie North. In the area of the proposed works, cover sediments of the Earaheedy Group Basin are up to several hundred metres thick, so ground gravity has been designed as a first-pass exploration technique to assist in the delineation of prospective drill targets by identifying anomalously dense features at depth.

The Collurabbie North Project is situated approximately 190 km to the east of the town of Wiluna, Western Australia, and comprises two exploration licenses 38/3616 and 38/3618 covering 113 sub-blocks over the northern extension of the Gerry Well Greenstone Belt. This greenstone belt is known to host Cu-Ni and PGE mineralisation, but has had limited historic work in the area of Rubix' tenure.

Etheridge (Au) – 100%

The Etheridge Project comprises four non-contiguous exploration licenses in the Etheridge Region of the Georgetown Inlier, northern Queensland (**Figure 3**). The region is host to significant gold deposits including Kidston which was Australia's second-largest gold producer (140 million tonnes at an average of 1.4g/t Au), as well as a number of smaller, high-grade vein-hosted deposits. Consequently, there remains potential across Rubix' tenure in the area to discover one or more small, high grade gold deposits. During the quarter, high-level assessment of existing geologic and geophysical data, including geochemistry and drilling results, was conducted across the tenements comprising the Etheridge Project in order to determine exploration targets for works in 2023.

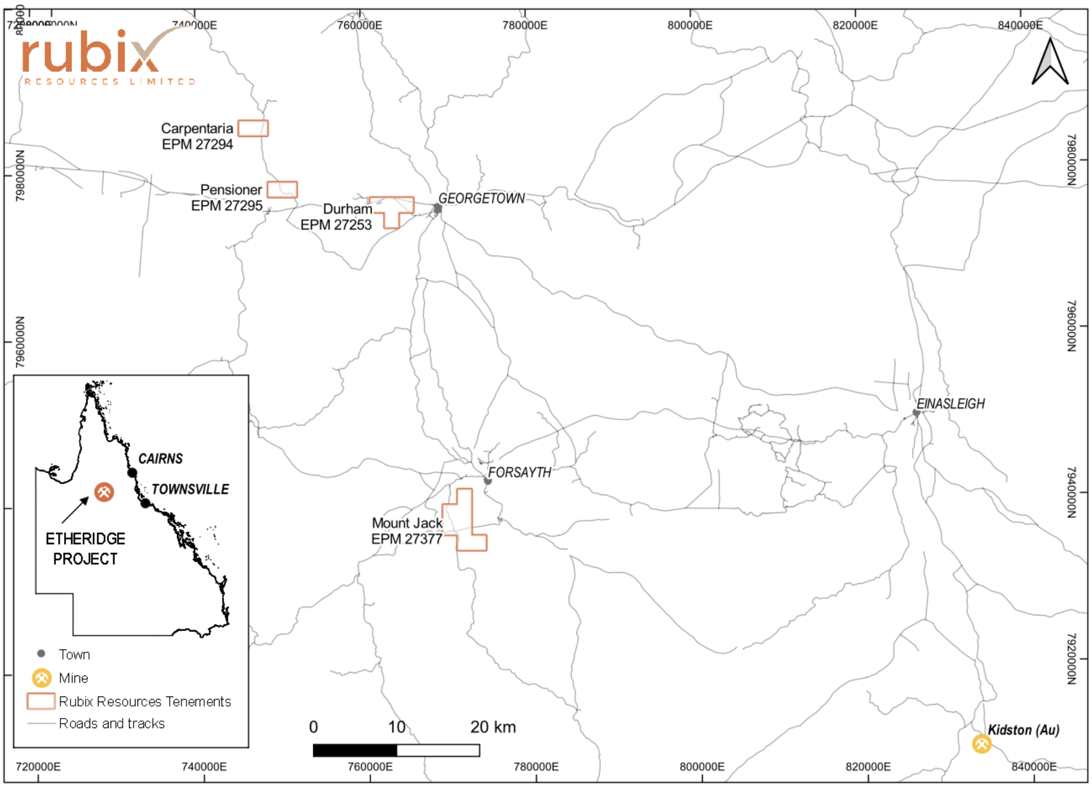

Figure 3 – Location of Rubix' Etheridge Project exploration licenses.

Corporate

Current cash as of 31 December 2022 was $2.7M. Rubix has also been assessing and evaluating strategic acquisition opportunities during the quarter. The Company is actively reviewing potential assets and will update the market when appropriate.

Related Party Payments

Pursuant to item 6 in the Company's Appendix 5B – Quarterly Cashflow Report for the Quarter ended 31 December 2022, the Company made director fee payments of $140k to related parties. Of the monies paid, $108k related to amounts owed to Executive Chairman Eddie King for director fee services under his existing agreement for the 12-month period since listing in December 2021.

Exploration

ASX Listing Rule 5.3.1: Exploration and Evaluation Expenditure during the Quarter was $500k.
ASX Listing Rule 5.3.2: There were no mining production and development activities during the Quarter.

In line with obligations under ASX Listing Rule 5.3.3, Rubix provides the following information with respect to its Mining Tenement holdings as at 31 December 2022.

Paperbark	EPM 14309	Granted	100%
Etheridge	EPM 27377	Granted	100%
Etheridge	EPM 27253	Granted	100%
Etheridge	EPM 27294	Granted	100%
Etheridge	EPM 27295	Granted	100%
Lake Johnston	E 63/2091	Granted	100%
Collurabbie North	E 38/3616	Granted	100%
Collurabbie North	E 38/3618	Granted	100%
Redbeds (Paperbark South)	EPM 28439	Application	-
Redbeds (Paperbark South)	EPM 28440	Application	-
Redbeds (Paperbark South)	EPM 28441	Application	-
Redbeds (Paperbark South)	EPM 28442	Application	-

Exploration Target – JB Zone

The following additional information is provided to meet the requirements of clause 17 of the JORC Code 2012 notwithstanding the Company has previously reported the exploration target referred to below.

The Exploration Target for the JB Zone was estimated based on a review of the previous exploration work undertaken, and was estimated by Rubix's Independent Geologist (Mr Luke Pickering – MAusIMM) during the Rubix IPO in 2021. A summary of the Exploration Target is presented in **Table 4.**

Table 4 – JB Prospect Exploration Target

Range	Zinc Cut-off Grade (%)	Material (Mt)	Zn %	Pb %	Ag g/t
Lower	3.0	5.0	5.0	0.4	2.0
Upper	2.0	15.0	2.7	0.2	1.0

The Exploration Target was reported in accordance with the 2012 JORC Code and was estimated by reporting tonnages between two-grade cut-off ranges, the lower at 3% Zn and the upper at 2% Zn.

No assumed minimum thickness or other constraints were used to estimate the Exploration Target and the Exploration Target took into consideration the natural variation of the zinc grade.

The parameters and assumptions of the various input parameters of the exploration target are detailed in **Table 5** below:

Table 5 – JB Zone Exploration Target – Key Parameters

Parameter	Comments
Geological Model	Limited to drill holes with confirmed Zinc and Lead mineralisation
Bulk Density	A default mean value of 2.9t/m^3 was used for the estimation of the Exploration Target
Number of drill holes	50 holes with geological and assay information
Cut-off grades	Lower at 3% Zn and the upper at 2% Zn. No other element cut offs were used
Target grade	>2.5% Zn
Drill spacing	Drilling is broadly spaced with cross-sections varying from 50-250m but averaging 100m

A review of the JB Zone exploration Target has been conducted by Rubix' competent person (Patrick Say, MAusIMM). No matters that were serious or were likely to impair the validity of the Exploration Target were noted.

Note. The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource in this area. It is uncertain if further exploration will result in the estimation of a Mineral Resource.

Being conceptual in nature, the Exploration Target are expressed as a tonnage and grade range and takes no account of geological complexity, possible mining method or metallurgical recovery factors. The Exploration Target was estimated in order to provide an assessment of the potential scale of exploration at the JB Prospect. The Company intends to continue to test the Exploration Target with potentially further drilling over the next 12-month period.

Use of Funds

In line with obligations under ASX Listing Rule 5.3.4, Rubix provides the following information with respect to its Use of Funds Statement set out in its Prospectus dated 5 November 2021 and its actual expenditure since ASX admission.

Expenditure Item	**Use of Funds $'000**	**Actual Expenditure (23.12.2021 – 31.12.2022) $'000**	**Variance $'000**
Existing cash reserves	240	145	(95)
Proceeds from Public Offer	4,500	4,500	**-**
Total Funds	**4,740**	**4,645**	**(95)**
Exploration Expenditure	(2,450)	(874)	1,576
General administration fees and working capital	(1,820)	(535)	1,285
Estimated expenses of the Public Offer	(470)	(502)	(32)
Proceeds/Expenses from Listed Options Offer	-	-	-
Total Funds Year 1 & 2	**(4,740)**	**(1,911)**	**2,829**
Remaining cash balance			**2,734**

Note: The variance is due to timing difference of the Prospectus forecast over 2 years vs 1 year actual spend.

This announcement has been approved for release by the Board.

FOR FURTHER INFORMATION:

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Competent Person Statement

The information in this announcement that relates to Exploration Results and the Exploration Target is based on, and fairly represents information compiled and reviewed by Patrick Say, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Say consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

Forward Looking Statements

Forward-looking statements are statements that are not historical facts. Words such as "expect(s)", "feel(s)", "believe(s)", "will", "may", "anticipate(s)" and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

Appendix 5B

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

Name of entity
Rubix Resources Limited

ABN	Quarter ended ("current quarter")
70 649 096 917	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			
1.2	Payments for			
	(a)	exploration & evaluation	(500)	(728)
	(b)	development		
	(c)	production		
	(d)	staff costs		
	(e)	administration and corporate costs	(210)	(308)
1.3	Dividends received (see note 3)			
1.4	Interest received			
1.5	Interest and other costs of finance paid			
1.6	Income taxes paid			
1.7	Government grants and tax incentives			
1.8	Other (provide details if material)			
1.9	**Net cash from / (used in) operating activities**		**(710)**	**(1,036)**

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

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (6 months) $A'000**
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment	-	-
	(d) investments		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
2.6	**Net cash from / (used in) investing activities**	**-**	**-**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	3
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	(11)	(39)
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings	(1)	(1)
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**	**(12)**	**(37)**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	3,456	3,807
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(710)	(1,036)
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)	(12)	(37)

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (6 months) $A'000**
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**2,734**	**2,734**

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	2,734	3,456
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)**	**2,734**	**3,456**

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	140
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** *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.	

8.	**Estimated cash available for future operating activities**	**$A'000**
8.1	Net cash from / (used in) operating activities (item 1.9)	(710)
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)	(710)
8.4	Cash and cash equivalents at quarter end (item 4.6)	2,734
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	2,734
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	3.85

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?

Answer: N/A

8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: N/A

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

Answer: N/A

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

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Date: 30 **January 2023**

Authorised by: **By the Board**
(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.