

Quarterly Activities & Cash Flow Report Period Ended 31 December 2023

Perth, Australia; 31 January 2024 – Orexplore Technologies Limited (ASX: OXT) (“Orexlore” or the “Company”), a mineral scanning technology company focusing on the global mining and metals sector, is pleased to provide its Quarterly Activities and Cash Flow Report for the quarter ended 31 December 2023. (“Q4FY23”).

Quarter Highlights

- Total revenue for the quarter of \$935k (Q3FY23: \$885k) with resulting revenue for FY23 of \$3.3 million – an increase of \$2.1 million or 174% over FY22.
- Continued safe and reliable operation of field based Geocore GX10® units regularly achieving +90% machine utilisation (40+ metres) per unit per shift (12h).
- Rapid development of software-based geotechnical, geometallurgical and geochemical solutions.
- Technology hardware and software capability advances including Machine Learning (ML) methods, assay proxy and geotechnical advances, gold detection methods, and mineralogy .
- Continued focus on accelerating sales pipeline through converting laboratory projects to larger scale field deployments, and strong engagement with multiple existing and new customers across the three operating regions.
- Successful share placement and underwritten entitlement offer raised approximately \$4.1 million with final allotment completed and capital inflows of \$3.4 million received in Q4FY23.
- Cash balance as at 31 December 2023 of \$3.06 million – the Company has no debt and continues to focus on financial discipline.

Quarter Activities

Operations

The Company continued safe and reliable field and laboratory scanning operations during the period across multiple projects.

The site-based BHP Carrapateena deployment achieved high levels of productivity with individual Geocore X10® units regularly scanning around 40+ metres each per day shift (representing circa +90% utilisation), with peak rates up to 45 metres per machine. Operational activities were undertaken safely, with the Orexplore scanning team working well alongside the Customer operations team. In addition to the original rock mass characterisation focus of the project, a strong emphasis was placed on geotechnical capabilities as a particular unique value proposition for the technology platform.



The Stockholm-Perth software development team continued to advance its solution suite following on from the initial Kalkaroo deployment, with a particular focus for the Carrapateena project on geotechnical and structural capabilities of the technology platform.

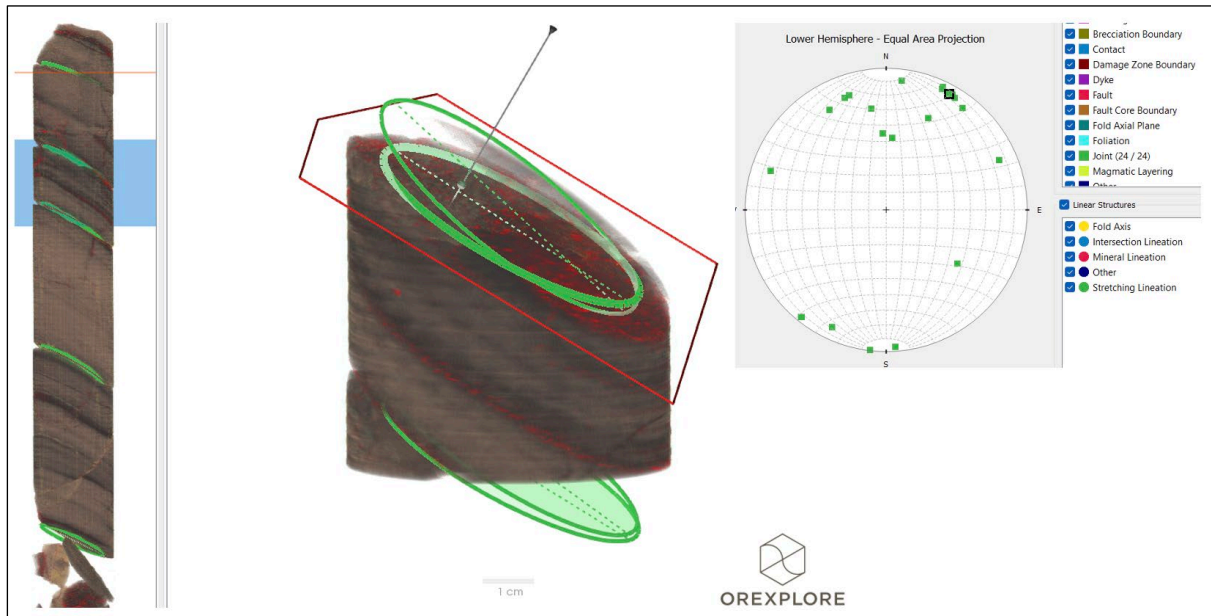


Figure 1 - Insight Geotechnical analysis

The Santiago-based team, supported by the Stockholm DevOps team (development and operations) and Perth data-geoscience team developed and delivered new solutions into the Gold Field's Salares Norte project across the period. The team focused on geometallurgical solutions to support operations processing, in addition to exploration related mineralogy, mineral speciation and geochemical data products.

First stage core scanning for multiple potential customers was undertaken within the Santiago facility during the period to broadly demonstrate the technology platforms' capabilities and map them to specific site-customer opportunities for value creation and risk reduction.

Orexplore's engineering team continued to support operations across the South American and Australian regions. A high level of mechanical availability was achieved with the operating units in the field showcasing the high-quality design, assembly and reliability of the GeoCore X10 instruments manufactured in house at the Company's Stockholm facility.



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Sales and Pipeline

The South American geology and sales team experienced strong customer engagement across the region, with customers in Chile leading the way with respect to adopting Orexplore's unique technology.

The sales team continued to focus on pipeline speed and seeking to convert initial trials into larger commercial laboratory and site-based deployments.

Whilst both the Australian and Swedish teams were heavily focused on supporting operations and solution development during the quarter, they also actively engaged with potential and existing customers including through multiple laboratory visits, commercial lab scanning, and scoping exercises.

Strong interest in the technology platforms' geometallurgical capabilities to drive improved site processing and recoveries was common through customer engagements. Similarly, the geotechnical capabilities and associated solutions also continued to emerge as a repeated strength of the technology and drove customer engagement.

In addition to the geometallurgical and geotechnical focus, gold customers universally demonstrated strong interest in the Company's emerging direct gold detection advances, driving accelerated engagement with these customers.

Solution development and adoption

The Company's software solution suite continued to advance strongly across the quarter with particular focus on geotechnical and geometallurgical modelling capability and related customer facing data products and user interface feature additions.

Orexplore's solutions are each comprised of one or more data products created by ingesting data from the Geocore X10® units and then undergoing processing and modelling. These data products are presented through the Orexplore Insight® software platform and are also being plugged into standard industry geological and mining packages where required.

The development team rolled-out the lithological Log Maker and Log Checker functionality through the period in response to customer demand. These data products are essential components of multiple company solutions across the exploration and operations domains and are powered by the core mineralogical modelling engine.

The Lithological log maker utilises the Company's mineralogical modelling engine to very rapidly produce lithological strip logs and then compare them to the manual logging processes occurring on site through the Log Checker product in order to augment these manual processes and embed the technology into these workflows.



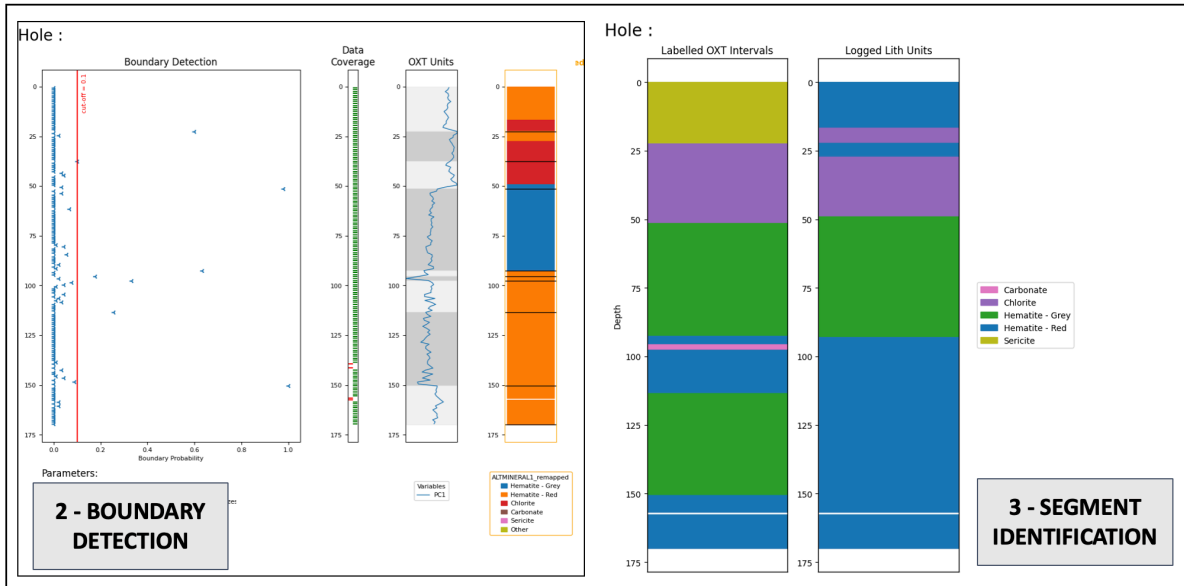


Figure 2 - OXT Lithological log maker / checker

Significant advances also occurred across Orexplre's geotechnical suite of solutions during Q4FY23, powered by work on the back-end modelling and processing of the data sets generated by the Geocore GX10® platform. Joint alteration, roughness and other joint characteristics were advanced in addition to Uniaxial Compressive Strength (UCS), Porosity, and other base modelling capability.

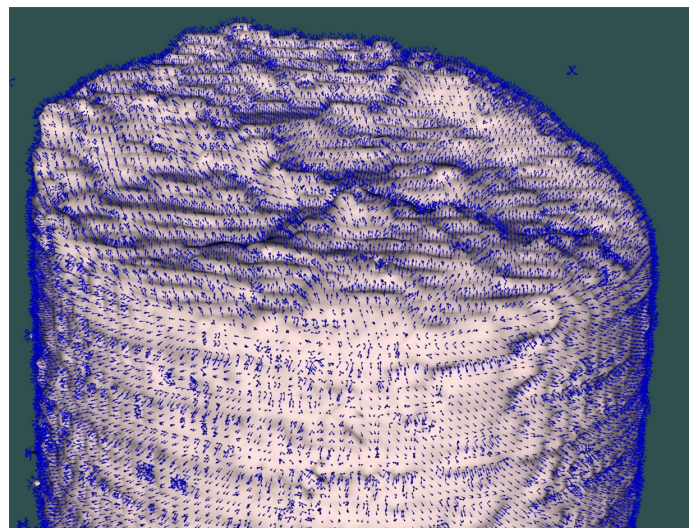


Figure 3 - Geocore GX10® - 3D geotechnical solutions

These capability advances within the base software core engine, support unique high value customer solutions by delivering rapid field-based geotechnical test coverage to advance the often limited, time consuming and expensive current typical processes.

The ability to leverage the development effort for the software solutions across future and



current customers and projects was further demonstrated during the period with the development of the Log Maker data product on one project, being very rapidly rolled out with little additional effort into another active customers' project.

Research and Development

The Stockholm-Perth teams focused heavily on data-geo-science solutions development to service existing projects and advance the solution suite.

Further customer demonstrations and engagement also occurred during the period on the Company's direct element sensing device that complements the CT scanning instrument.

Some limited design work on the next model of the Geocore GX10® , featuring increased speed, functionality and performance occurred through the Stockholm office across the quarter, following on from prior initial design work with suppliers.

Advances in the Company's core software modelling that powers its solution suite continues. Further improvements and validation testing occurred within the geochemical (elemental detection and quantification) modelling that were demonstrated on projects. Rapid downhole mineralogy was also advanced significantly across the quarter, leveraging Machine Learning (ML) methods to train the system on external data sets.

Corporate & Financial

The Company's Appendix 4C for the quarter ending 31 December 2023 is attached.

As at quarter-end, cash holdings were A\$3.06 million with no debt.

Total revenue from customers for Q4FY23 was \$935k – this represents a 6% increase in revenue as compared with Q3FY23.

Total revenue for the financial year to 31 December 2023 totalled \$3.3 million. As a result of this strong performance during FY23, revenue earned exceeds that earned in FY22 by \$2.1 million – this is an annual increase of 174%. Gross cash receipts from customers for FY23 totalled \$3.73 million.

The graph below illustrates the growth in quarterly revenue since the Company was listed on ASX:



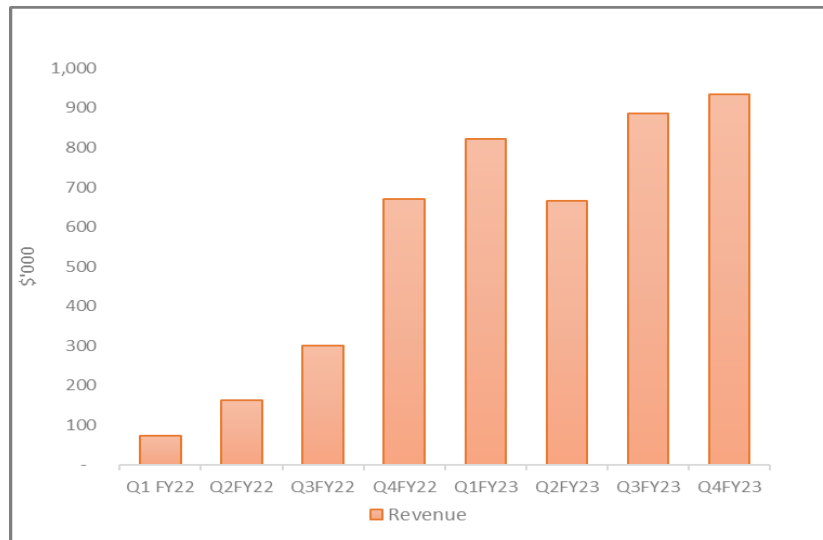


Figure 3 – OXT quarterly revenue

Strong customer receipts together with careful control of operating costs have led to a large drop in net operating cash outflows for the quarter under review to \$1.2 million – average net operating outflows across the first 3 quarters of the year were \$1.84 million.

Capital expenditure for Q3FY23 was \$46k. The Company has focused on reducing capital expenditure as part of its overall cash management strategy whilst also ensuring it has capacity to quickly pivot to manufacturing additional Geocore X10® units in response to new contract growth. Total investing activity outflows for FY23 were \$971k, which supports the increase in operating capacity of the Company.

During Q3FY23 Orexplore commenced a two-tranche institutional placement to sophisticated and professional investors to raise \$1.80m (before costs) and a 1 for 2 pro rata non-renounceable underwritten entitlement offer to raise a further \$2.33 million (before costs). This capital raising process was completed during Q4FY23. After allowing for associated costs, it has resulted in net capital inflows to the Company of approximately \$3.78 million of which \$3.19 million was received in Q4FY23. A total of 91.75 million new shares have been issued by Orexplore at a price of 4.5 cents per share.

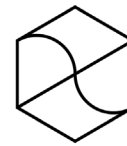
The proceeds of the capital raising are being applied towards business development, operations and working capital offer costs.

The Company continues to balance the expenditure to expand its product offering, grow new sales and introduce suitable operating capacity, against available financial resources.

In accordance with ASX listing rule 4.7C.3, payments to related parties of the Company and their associates during the quarter totalled \$309k. These payments are related to the Managing Director’s remuneration and Non-executive Directors’ fees.

Pursuant to ASX listing rule 4.7C.2, the Company advises the proposed use of funds contained in section 1.7 of Orexplore’s Prospectus dated 22 November 2021 in comparison





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to the actual use of funds following admission of the Company to the official list of the ASX is as follows:

Use of Funds	Estimate for the two years post ASX admission including Priority Offer Funds \$'000	Actual Use since ASX admission to 31 December 2023 \$'000
Business development, sales, and marketing	3,750	3,627
Product and service development (incl. R&D)	6,400	6,719
Operations (site and laboratory)	1,400	1,865
Working capital/corporate expenses	2,974	2,996
Total	14,524	15,207

“Working capital/corporate expenses” actual use of funds includes approximately \$455k of transaction expenses related to the Swick demerger and Priority Offer.

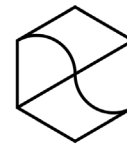
The analysis above excludes the impact of additional capital raised (after associated costs) in FY23 of \$3.78 million. A portion of this capital raised has been utilised to fund the shortfall shown in the table above.

On a cumulative basis since admission to ASX, actual net cash used in the business was approximately 4.7% higher than estimated in the prospectus. The largest variances of actual to proposed use of funds are within the product and service development and operations categories due to additional focus on the development of Orexplore solutions, development of new technology, the expansion of the Company’s Geocore GX10® machine fleet and the enhancement of Group operational capacity.

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This ASX announcement was authorised for release by the Board of Orexplore Technologies Limited





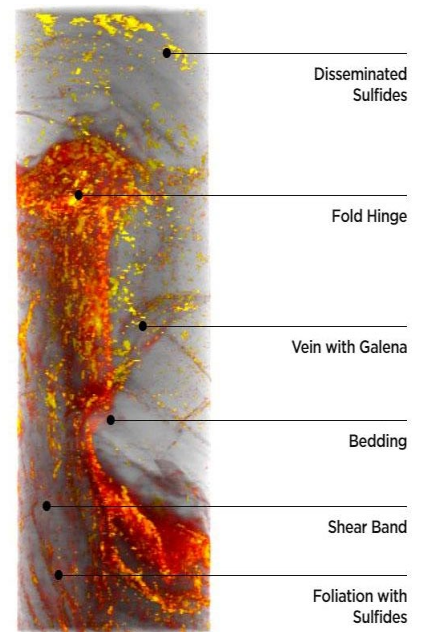
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About Orexplore Technologies

Orexlore Technologies Limited (ASX: OXT) is a globally focused mineral technology business concentrated on advancing the commercialisation of its Technology Platform across the mining value chain within the global metals and mining sector. The Company's Technology Platform consists of the GeoCore GX10® hardware product and Orexplore Insight user interface software, that is continually advancing through its in-house multi-disciplinary research and development team based in Stockholm, Sweden.

Orexlore's first product, the GeoCore X10®, is a transportable X-ray rock mass scanning technology that converts drill core samples into a three-dimensional data set to provide a "through the rock" model of internal structures, particles and texture, in addition to elemental detections, CT-based mineralogy and density.

The Company maintains core-scanning laboratories in Stockholm, Perth and Santiago, where it undertakes scanning operations, and is headquartered in Perth, Western Australia. Orexplore's talented global team includes consulting geologists, engineers, data scientists, physicists, and technology delivery experts. The group continues to advance its solutions through development and delivery of customer Value Propositions powered by its products.



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Disclosure Statement:

These materials include forward looking statements. Forward looking statements inherently involve subjective judgement and analysis and are subject to significant uncertainties, risks, and contingencies, many of which are outside of the control of, and may be unknown to, the Company. Actual results and developments may vary materially from those expressed in these materials. The types of uncertainties which are relevant to the Company may include, but are not limited to, commodity prices, political uncertainty, changes to the regulatory framework which applies to the business of the Company and general economic conditions. Given these uncertainties, readers are cautioned not to place undue reliance on such forward-looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, the Company does not in providing this information undertake any obligation to publicly update or revise any of the forward-looking statements or any change in events, conditions, or circumstances on which any such statement is based.



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Appendix 4C

Quarterly cash flow report for entities subject to Listing Rule 4.7B

Name of entity

Orexplre Technologies Limited

ABN

98 645 505 406

Quarter ended ("current quarter")

31 December 2023

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	1,136	3,731
1.2 Payments for		
(a) research and development	(18)	(526)
(b) product manufacturing and operating costs	(87)	(842)
(c) advertising and marketing	(59)	(377)
(d) leased assets	(105)	(414)
(e) staff costs	(1,579)	(5,856)
(f) administration and corporate costs	(521)	(2,542)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	27	144
1.5 Interest and other costs of finance paid	7	(63)
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	14
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(1,199)	(6,731)
2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) businesses	-	-
(c) property, plant and equipment	(46)	(947)
(d) investments	-	-
(e) intellectual property	-	(24)
(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
2.2	Proceeds from disposal of:		
	(a) entities	-	-
	(b) businesses	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) intellectual property	-	-
	(f) 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	(46)	(971)
3. Cash flows from financing activities			
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	3,429	4,129
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	(240)	(347)
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	3,189	3,782
4. Net increase / (decrease) in cash and cash equivalents for the period			
4.1	Cash and cash equivalents at beginning of period	1,148	7,039
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,199)	(6,731)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(46)	(971)

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
4.4	Net cash from / (used in) financing activities (item 3.10 above)	3,189	3,782
4.5	Effect of movement in exchange rates on cash held	(28)	(55)
4.6	Cash and cash equivalents at end of period	3,064	3,064

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	3,064	1,148
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)	3,064	1,148

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	309
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>		

Quarterly cash flow report for entities subject to Listing Rule 4.7B

7. Financing facilities	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
<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 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)	(1,199)
8.2 Cash and cash equivalents at quarter end (item 4.6)	3,064
8.3 Unused finance facilities available at quarter end (item 7.5)	-
8.4 Total available funding (item 8.2 + item 8.3)	3,064
8.5 Estimated quarters of funding available (item 8.4 divided by item 8.1)	2.56
<i>Note: if the entity has reported positive net operating cash flows in item 1.9, answer item 8.5 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.5.</i>	
8.6 If item 8.5 is less than 2 quarters, please provide answers to the following questions:	
8.6.1 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:	
8.6.2 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:	
8.6.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer:	
<i>Note: where item 8.5 is less than 2 quarters, all of questions 8.6.1, 8.6.2 and 8.6.3 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.

Date: 31 January 2024

Authorised 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 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 standard applies 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.