

31 October 2023

# **Quarterly Activities Report – September 2023**

#### **Key information**

- Worldview-3 detailed imagery completed at South Wodgina. The area covered by the survey was 297 km<sup>2</sup> with results received during the quarter.
- Aeromagnetic survey completed at South Wodgina with 6,678 line km flown on 50m spaced lines at an average height of 38m, with results pending.
- Cash at 30 September 2023 \$1.312 million.
- Listed securities held at 30 September 2023 \$2.881 million.

All references in this report are to Australian Dollars, unless otherwise stated.

Yari Minerals Limited ("Company") (ASX: YAR) presents its September 2023 quarterly activities report.

## Pilbara Lithium Projects - Pilbara, Western Australia

The Company owns 100% of the Pilbara Lithium projects as detailed below.

#### South Wodgina

The South Wodgina exploration licenses require mining access permits to be issued, before onground exploration activities can commence. The company has submitted the application for the issue of these permits. Exploration activities that does not require a mining access permit have commenced.

Geoimage Ltd. completed a Worldview-3 hyperspectral survey. This involved sourcing existing data and acquiring new data over the entire South Wodgina block and surrounding area. The area covered by the survey is a total of 297 km<sup>2</sup>.

The high-resolution WorldView-3 imagery provides valuable ground cover and lithological information for geological mapping, as well as for identifying alteration associated with pegmatitic mineralisation. The WorldView-3 spectra is similar to that of the Aster data acquired in 2022, but with 16 times the resolution. This makes it useful to refine the search over the area and increases the data selectivity and usefulness in identifying targets likely to be pegmatites.

Over the South Wodgina tenements the Worldview 3 data has been interpreted by the company's specialist consultant and this has resulted in a high-quality target and prioritised generation process where false signals have been removed, and a total of 204 have been identified. This data will be overlayed upon the magnetic and radiometric layers to be received over the coming weeks to further improve targeting.

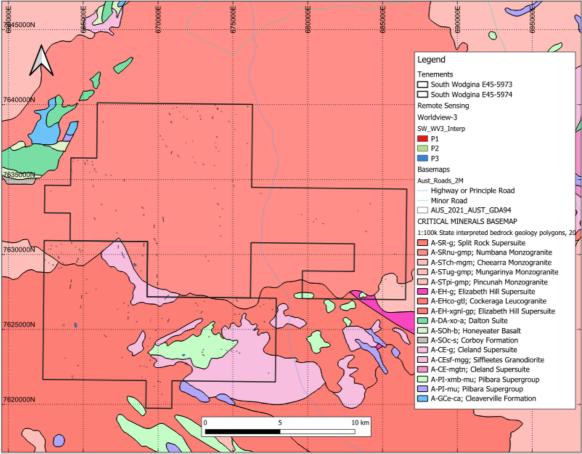


Figure 1 South Wodgina Worldview 3 Interpretation over 1:100,000 Geology

Thomson Aviation completed the airborne magnetic and radiometric survey over both the South Wodgina tenements. The survey consisted of 6,678 line km flown on 50m spaced lines at an average height of 38m.

The magnetic survey highlights subsurface structures based on Earth's magnetic field variations, highlighting iron-rich materials in structures like faults. The radiometric survey estimates radioelement concentrations like potassium, uranium, and thorium through gamma-ray measurements. Changes in lithology or soil type accompany changes in these elements. The potassic channel is useful in exploring for pegmatites as they generally contain potassic feldspar. The processed data will be transferred to our geophysical experts, Resource Potentials, who will model the data to provide high-quality 3D structural and radiometric layers to our targeting process.

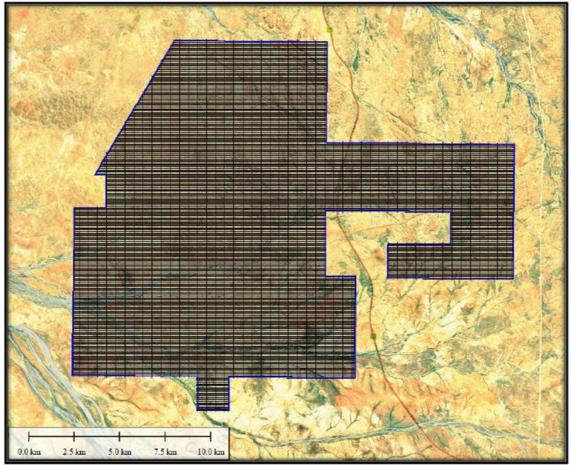


Figure 2 South Wodgina Airborne Geophysics Survey Lines

Exploration expenditure incurred during the quarter on the Pilbara Lithium Projects was \$0.174 million.

There were no substantive mining or development activities during the quarter.

# Corporate

### <u>Cash</u>

The Company's closing cash balance at the end of the quarter was \$1.312 million.

### Listed shares

The Company 11,441,647 Impact Silver shares were valued at \$2.881 million based on a closing share price of C\$0.22 per Impact Silver share as at 30 September 2023.

The first and second tranches of Impact Silver shares were released from escrow on 5 August 2023 and 5 October 2023 respectively, with 50% of the Impact Silver shareholding released from escrow.

#### Payments to related parties

During the quarter, payments totaling \$0.110 million were made to director's for salaries, fees and superannuation.

This announcement was authorised for issue to the ASX by the Directors of the Company.

For further information please contact:

Anthony Italiano Managing Director 08 6400 6222

## **About Yari Minerals**

Yari Minerals Limited (ASX: YAR) owns 100% interests in the Pilbara Lithium and Wandagee Projects, which comprise approximately 1,400km<sup>2</sup> in 6 granted exploration licenses located in the Pilbara and Gascoyne regions of Western Australia.

The Pilbara Projects are highly prospective for lithium and situated near two of the world's largest hard rock lithium deposits/mines (ASX: PLS – Pilgangoora & ASX: MIN – Wodgina) and other deposits and occurrences near Marble Bar (ASX: GL1's Archer Project).

Until 3 April 2023 CZL owned and operated the Plomosas Mine in Mexico. On that date the Mine was sold to Impact Silver (TSX-V: IPT). The Company retains an interest in that Project through a 12% net profit interest royalty and shares in Impact Silver which we part of the purchase consideration.

Caution Regarding Forward Looking Statements and Forward-Looking Information:

This report contains forward-looking statements and forward-looking information, which are based on assumptions and judgments of management regarding future events and results. Such forward-looking statements and forward-looking information involve known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any anticipated future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the actual market prices of lithium, zinc, lead and silver, the actual results of current exploration, the availability of debt and equity financing, the volatility in global financial markets, the actual results of future mining, processing and development activities, receipt of regulatory approvals as and when required and changes in project parameters as plans continue to be evaluated.

Except as required by law or regulation (including the ASX Listing Rules), Yari Minerals undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. Indications of, and guidance or outlook on, future earnings or financial position or performance are also forward-looking statements.

**Competent Persons' Statement** The information in this report that relates to exploration results, data collection and geological interpretation is based on information compiled by Mr Kerry Griffin. Mr Griffin is the COO of Yari Minerals and is a Member of the Australian Institute of Geoscientists (AIG). Mr Griffin has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves' (JORC Code). Mr Griffin consents to the inclusion in this announcement of the matters based on their information in the form and context in which it appears.

## **Appendix 1: Tenement Schedule**

The schedule of tenements and concessions held by the Company on 30 September 2023 are detailed in Table 1 below.

There were no changes to the tenements during the quarter.

	Table 1 – Tenement schedule						
Lease	Project	Name	Туре	Lease Status	Expiry Date	Q3 YAR Equity	Q2 YAR Equity
	Western Australia						
EL45/5972	Figtree	Figtree	Exploration	Granted	10/03/2028	100%	100%
EL45/5973	South Wodgina	South Wodgina	Exploration	Granted	03/07/2027	100%	100%
EL45/5974	South Wodgina	South Wodgina	Exploration	Granted	03/07/2027	100%	100%
EL45/5986	Ant Hill	Ant Hill	Exploration	Granted	26/05/2027	100%	100%
EL45/5987	Camel Creek	Camel Creek	Exploration	Granted	26/05/2027	100%	100%
EL09/2499	Wandagee	Wandagee	Exploration	Granted	01/06/2027	100%	100%

## Appendix 2: JORC Code, 2012 Edition

**Section 1 Sampling Techniques and Data** (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary	
Sampling techniques	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>The hyperspectral data uses Worldview 3 satellite imagery processed by a specialist independent consultant.</li> <li>Imagery enhancements using Worldview 3 data highlight features due to spectral characteristics of certain minerals.</li> </ul>	
Drilling techniques	• Drill type (e.g. core, reverse circulation, open- hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	,	
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	2	
Logging	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	• No samples are reported	

Criteria	JORC Code explanation	Commentary
Sub- sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	• No samples are reported
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul> <li>No samples are reported</li> </ul>
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	• No samples are reported
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>The grid system used is GDA94 Zone 50.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	• The spatial sampling of the satellite imagery averages 7.5m x 7.5m
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have</li> </ul>	• No samples are reported

Criteria JORC Code explanation		Commentary	
	introduced a sampling bias, this should be assessed and reported if material.		
Sample security	• The measures taken to ensure sample security.	No samples are reported	
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	No audits have been completed	

## Section 2 Reporting of Exploration Results

# (Criteria in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>The South Wodgina projects consist of 2 granted exploration licenses in the Pilbara region of Western Australia (E45/5973, E45/5974) as per the tenement table in this announcement.</li> <li>The 100% holder of the tenements is WestOz Lithium Pty Ltd, a wholly-owned subsidiary of Yari Minerals Limited.</li> <li>There are no known impediments to obtaining a license or working in this area.</li> </ul>
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	<ul> <li>No information relating to exploration by other parties is reported.</li> </ul>
Geology	• Deposit type, geological setting and style of mineralisation.	• Relevant information regarding the geological setting of the tenements has been set out in previous releases.
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</li> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	• No drill hole information is reported.
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be stated for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>No data is aggregated and no drill hole information is reported.</li> </ul>
Relationship between	• These relationships are particularly important in the reporting of Exploration Results.	• No drill hole information is reported.

Criteria	JORC Code explanation	Commentary
mineralisation widths and intercept lengths	<ul> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul> <li>No drill hole information is reported but regional hyperspectral anomaly maps are included in the announcement.</li> </ul>
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	• No exploration results are reported.
Other substantive exploration data	<ul> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul> <li>No additional material and meaningful exploration data information is presently available.</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	• Further exploration work will be planned following the receipt of the airborne survey data

# Appendix 5B

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

Name of entity	
YARI MINERALS LIMITED	
ABN	Quarter ended ("current quarter")

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30 SETPEMBER 2023

Consolidated statement of cash flows		Current quarter \$AUD'000	Year to date (9 months) \$AUD'000	
1.	Cash flows from operating activities			
1.1	Receipts from customers	-	540	
1.2	Payments for			
	(a) exploration & evaluation	(174)	(252)	
	(b) development	-	-	
	(c) production	-	(1,644)	
	(d) staff costs	(211)	(706)	
	(e) administration and corporate costs	(90)	(110)	
1.3	Dividends received (see note 3)	-	-	
1.4	Interest received	4	11	
1.5	Interest and other costs of finance paid	(40)	(40)	
1.6	Income taxes paid	-	-	
1.7	Government grants and tax incentives	-	-	
1.8	Other	-	3	
1.9	Net cash from / (used in) operating activities	(511)	(2,198)	

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	-

Con	solidated statement of cash flows	Current quarter \$AUD'000	Year to date (9 months) \$AUD'000
2.2	Proceeds from the disposal of:		
	(a) entities (net of cash disposed)	-	3,193
	(b) tenements	-	-
	(c) property, plant and equipment	(7)	(7)
	(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 (transaction costs of entity disposal)	-	(530)
2.6	Net cash from / (used in) investing activities	(7)	2,656

3.	Cash flows from financing activities		
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	-	(15)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	(400)
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	-	(415)

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,830	1,269
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(511)	(2,198)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(7)	2,656
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	(415)

Consolidated statement of cash flows		Current quarter \$AUD'000	Year to date (9 months) \$AUD'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	1,312	1,312

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 \$US'000	Previous quarter \$US'000
5.1	Bank balances	1,312	1,829
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)	1,312	1,829

6.	Payments to related parties of the entity and their associates	Current quarter \$AUD'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	-
	f any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a ation for, such payments.	description of, and an
Item (	6.1 - payments of executive salaries, superannuation and director fees.	

7.	<b>Financing facilities</b> 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	-	-
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 learnet rate, maturity date and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after qual include a note providing details of those facilities as well.		litional financing	
	N/A		

8.	Estimated cash available for future operating activities \$AUD'		\$AUD'000
8.1	Net cash from / (used in) operating activities (item 1.9)		(511)
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)		(511)
8.4	Cash and cash equivalents at quarter end (item 4.6)		1,312
8.5	Unused finance facilities available at quarter end (item 7.5)		-
8.6	Total available funding (item 8.4 + item 8.5)		1,312
8.7	Estim item 8	ated quarters of funding available (item 8.6 divided by	2.6
	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?		
	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?		
	N/A		
	N/A 8.8.3		nd to meet its business
		believe that they will be successful? Does the entity expect to be able to continue its operations ar	nd to meet its business

#### **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 October 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.