



## AUSTRALASIAN METALS

ASX Announcement | ASX: A8G | 23 October 2023

# SEPTEMBER 2023 QUARTERLY ACTIVITIES REPORT

Australasian Metals Limited (ASX:**A8G**, **Australasian** or the **Company**) is pleased to present its quarterly activities report for the September quarter.

## Operations

### ***Mt Peake Lithium project (100%)***

The Mt Peake lithium project (granted EL32830) is located to the south of the Anningie Tin-Tantalum-Pegmatite fields, within the north Arunta Region of the Northern Territory. The area is considered highly prospective for hard rock lithium mineralisation. EL32830 covers over 640km<sup>2</sup> and shares a boundary with Core Lithium Limited's (ASX:CXO) Anningie lithium project ~200km north of Alice Springs (**Figure 2**).

On 10 October 2023, the Company advised that a maiden drilling program had commenced that the Mt Peake project. The diamond drilling program will initially comprise three holes totalling 600m. Two holes have been designed to test the geological zones immediately beneath previously discovered lithium-bearing pegmatite outcrops (JC001 and MP10127) with 1.61% Li<sub>2</sub>O and 225 ppm Ta; and 1.15% Li<sub>2</sub>O & 223 ppm Ta respectively.

The third hole will test a well-defined soil geochemical anomaly along the southeast trend from Core Lithium's EL26848, where spodumene is outcropping and 6 samples returned over 1% Li<sub>2</sub>O with a maximum of 4.78% Li<sub>2</sub>O, (Core Lithium Announcement 15 August, 2022). The program will take approximately 3 weeks to complete and could be extended if early results are positive.

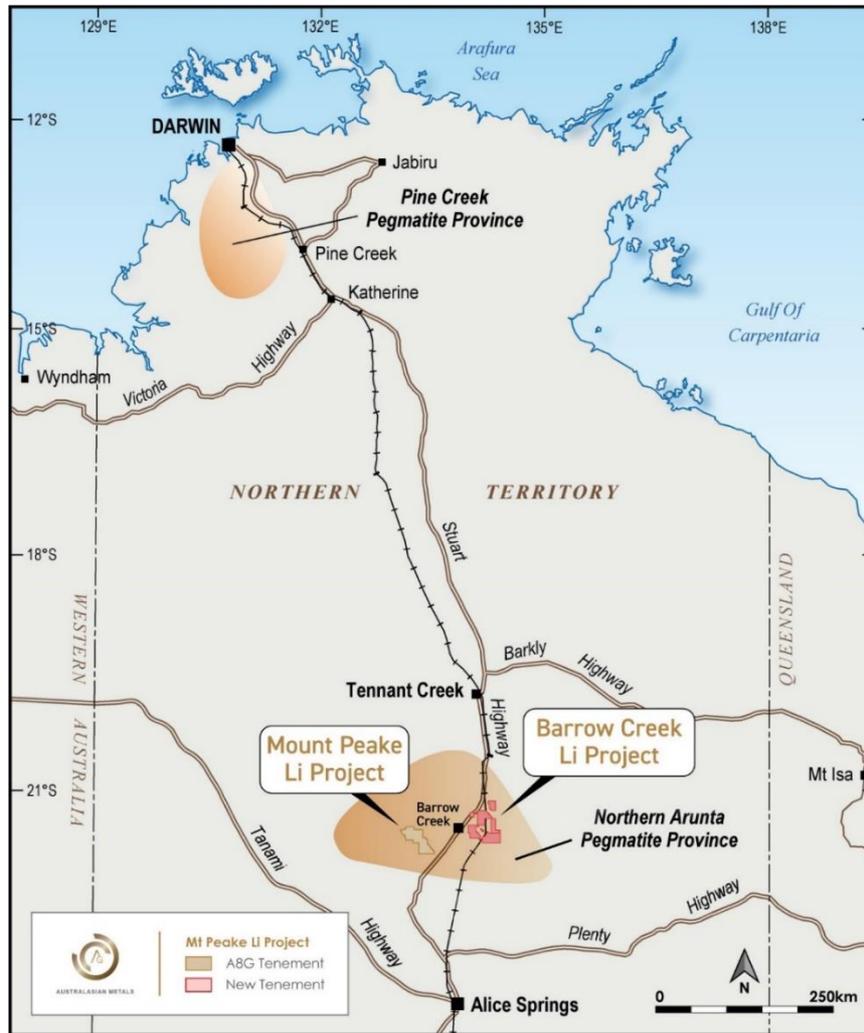


**Figure 1:** Diamond rig arrives at Mt Peake Lithium Project



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**Figure 2:** Mt Peake and Barrow Creek lithium project location in the Northern Arunta Pegmatite province of the Northern Territory

The Company has obtained its Aboriginal Area Protection Authority certificate, which allows it to conduct diamond drilling of high-priority targets at Mt Peake. The Company has an approved mining management plan (MMP) in place.

Australasian Metals and CSIRO have been actively continuing their successful collaboration in Mt Peake lithium project which aims to narrow down the search for Li-(Ta-Sn) bearing pegmatites. CSIRO has improved the mapping of mafic country rocks in the Mt Peake area by developing the PRISMA-derived mineral maps targeting mafic minerals and comparing this with aeromagnetic and gravity data (A8G announcement 28 June, 2022).



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A joint research program with Centre for Exploration Targeting (CET) of the University of Western Australia (UWA) was established in Nov, 2022, covering the Northern Arunta pegmatite province in the Northern Territory. The program is to be co-funded by Australasian Metals Limited, Core Lithium Limited, Oceana Lithium Limited, Askari Minerals Limited, and Lithium Spring Limited, all of which are actively exploring for lithium-related minerals in the North Arunta Pegmatite province (A8G announcement, 28 November, 2022).

The Company has been awarded a grant of \$95,185 (inclusive of GST) under the *Resource the Territory* initiative, which is administered by the Northern Territory Geological Survey. The funds from the grant will be applied towards the Company's maiden diamond drilling program, which is currently under the way.

### **Barrow Creek Lithium project (90%)**

Barrow Creek is located roughly 100 km to the northeast of the Mt Peake Lithium project (**Figure 2**). There are historical Ta-Sn mineral occurrence records across several tenements, and pegmatite rocks have been mapped, with regional geological mapping by previous explorers and government geologists.

Several campaigns of fieldwork were completed during the quarter and the Company now has the AAPA certificate to conduct a RAB drilling program. Negotiations are continuing with the landholders for an access agreement in order to finalise approvals for the Mining Management Plan.

### **Queensland Projects (100%)**

#### **Mt Clermont and Capella Project**

Mt Clermont hosts the regionally significant Retro, Retro Extended, and Nanya prospects associated with the Retro Fault Zone. The project lies within the Anakie Province of the Drummond Basin, which is composed of a sequence of Devonian to Carboniferous sediments in Central Queensland, approximately 60km by road north-west of the town of Emerald. Mt Clermont has over 6,700m of historical drilling, showing potential for a high-grade polymetallic epithermal system.

On 11 April 2023, the Company announced a maiden JORC Inferred Mineral Resource Estimate (MRE) for the Ayres Rock and the Retro Extended deposits situated within the Capella and Mt Clermont Gold Projects.

The MRE for each of the deposits are as follows:

Inferred Resources				
Projects	Au Cut-off Grade	M Tonnes	Au g/t	Au Koz



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<b>Ayres Rock</b>	<b>0.60</b>	<b>0.92</b>	<b>1.02</b>	<b>30.1</b>
<b>Retro Extended</b>	<b>0.60</b>	<b>0.82</b>	<b>1.27</b>	<b>33.5</b>
<b>TOTAL COMBINED</b>	<b>0.60</b>	<b>1.74</b>	<b>1.13</b>	<b>63.6</b>

*(minor rounding)*

The Company will target extensions of mineralisation in the form of potential high grade plunging shoots identified in drilling such as drill hole CAR036: **26m at 3.88 g/t Au** from 45m, including: **2m at 33.4 g/t Au** from 50m and **3m at 3.89 g/t Au** from 59m and **1m at 9.75 g/t Au** from 78m (A8G announcement 25 July, 2022).

### ***May Queen South Bauxite Project***

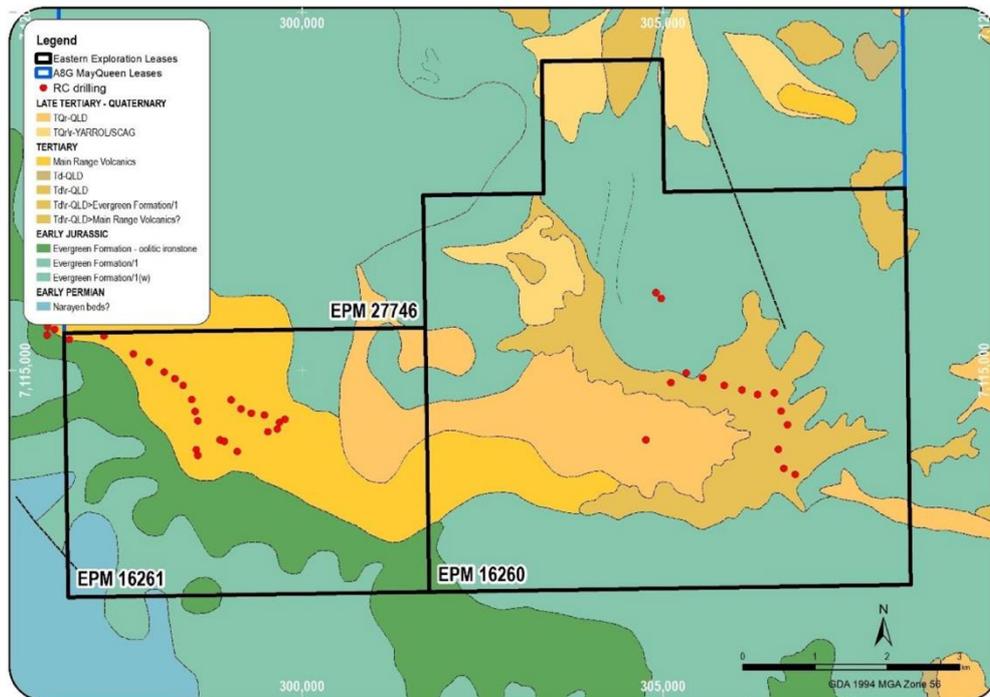
On 30 May 2023, the Company announced it had entered into an agreement to acquire the May Queen South Bauxite project from Atlantic Lithium Limited. The May Queen South Bauxite project is located in central Queensland, within a short trucking distance of a rail system leading north to the Port of Bundaberg. It is also located within close proximity of the main Queensland Rail network heading south towards the Port of Brisbane.

Bauxite mineralised plateaus and zones defined to date are shown in Figure 3 below, along with RC drilling locations. Mapping, sampling and initial laboratory assay results have defined significant high-grade bauxite mineralisation averaging 42% alumina over a combined surface area of 16km<sup>2</sup>. Customer demand is currently strong for this ore type.



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**Figure 3:** Basic geology of the EPM16260 and EPM 16261 with RC hole's locations marked

The Project has a JORC 2012 Inferred Mineral Resource estimate of **54.9Mt at 37.5% total  $Al_2O_3$ % and 5.2%  $TiO_2$  and 7.9%  $Rx SiO_2$ %<sup>1</sup>.**

Preliminary scoping metallurgical test-work including size reduction, scrubbing and sizing was completed at Core Resources laboratory in Brisbane, Australia on representative 25 to 50kg bulk samples of the surface duricrust and bauxite resource. This work was carried out to test whether a 'premium quality' DSO product could be easily beneficiated through simple crushing, scrubbing and screening.

On 7 July 2023, the Company announced that it had completed its initial field program at the May Queen South Bauxite project. The program consisted primarily of mapping and surface rock chip sampling. The geological fertility of the Project was confirmed by the identification of several high-grade surface samples of between 6% to 17.55%  $TiO_2$ .

<sup>1</sup> IronRidge Resources RNS dated 24 November 2017, 'High-Grade Bauxite Discovered at Koko. Monogorilby Bauxite and May Queen Gold Project Update, Queensland, Australia'.

[https://www.rns-pdf.londonstockexchange.com/rns/4144X\\_-2017-11-24.pdf](https://www.rns-pdf.londonstockexchange.com/rns/4144X_-2017-11-24.pdf)



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SAMPLE ID	mE	mN	TiO <sub>2</sub> %
Q23761	308559	7119576	9.25
Q23762	308559	7119576	3.05
Q23763	307246	7113815	5.67
Q23764	308235	7113713	6.56
Q23765	306420	7113508	5.6
Q23766	306909	7113482	4.57
Q23767	299680	7114297	17.55
Q23768	299671	7114316	3.36
Q23770	299505	7114378	4.4
Q23771	299756	7114330	8.91
Q23772	299753	7114356	5.12
Q23774	299164	7114458	5.14
Q23775	299299	7114400	5.14
Q23776	298556	7113826	3.88
Q23779	320531	7140711	1.37
Q23780	320531	7140711	1.41

Table 1. Rock chip sampling results for Titanium oxide results

### ***May Queen Gold Project***

The May Queen gold project comprises granted Exploration Permits for Minerals EPM 19419 and adjacent EPM 27746, located within the Brovinia goldfield in Queensland, approximately 375km by road from Brisbane.

Fieldwork was undertaken at May Queen to check the titanium potential of the historically drilled diamond core during the September quarter.

### **Western Australian Projects**

#### ***Fairview Gold project***

On 17 July 2023, the Company announced that it entered into a sale agreement with Marquee Resources Limited (ASX:MQR) regarding the sale of the Company's 100% interest in the Fairview Gold Project, Western Australia (EL E08/3248). The sale of Fairview allows Australasian to continue its focus on the Company's lithium, gold and bauxite/titanium projects in the Northern Territory and Queensland.

### **Corporate**

#### ***New Opportunities***

The Board continues to assess new project opportunities to drive further shareholder value.



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### ***Cash Position***

As at 30 September 2023, the Company had approximately \$3.74 million of cash and nil debt.

### ***Summary of Exploration Expenditure***

In accordance with Listing Rule 5.3.1, the Company reports that there was \$84,000 exploration expenditure incurred during the September quarter.

### ***Note 6 to Appendix 5B***

Payments to related parties of the entity and their associates: during the September quarter \$23,000 was paid to related parties and associates in relation to director remuneration and consulting fees in accordance with existing service agreements.

This announcement is approved for release by the Board of Directors

**ENDS**

### **For Further Information**

**Dr Qingtao Zeng**  
**Managing Director**  
**+61 8 6507 3082**

**Mr Dan Smith**  
**Joint-Company Secretary**  
**+61 8 9486 4036**

### **Competent Person Statement**

The information in this report that relates to Mineral Resources and Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Dr Qingtao Zeng, Managing Director of Australasian Metals Limited. Dr Zeng is a member of the Australasian Institute of Mining and Metallurgy and he has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken 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". Dr Zeng consents to the inclusion in this release of the matters based on the information in the form and context in which they appear. Dr Zeng is a shareholder of Australasian Metals Limited.



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### Annexure 1: Australasian Metals Limited – tenements held directly by Australasian Metals or subsidiary company as at 30 September 2023

Tenements	Acquired during Quarter	Disposed of during Quarter	Held at end of Quarter	State / Country
May Queen, EPM 19419	-	-	100%	Queensland
May Queen, EPM 27746	-	-	100%	Queensland
Mt Clermont, EPM 14116	-	-	100%	Queensland
Capella, EPM 25956	-	-	100%	Queensland
Fairview, E08/3248	-	100%	NIL	Western Australia
Mt Peake, EL 32830	-	-	100%	Northern Territory
Barrow Creek, EL 30507	-	-	90%	Northern Territory
Barrow Creek, EL 28515	-	-	90%	Northern Territory
Barrow Creek, EL 29724	-	-	90%	Northern Territory
Barrow Creek, EL 29725	-	-	90%	Northern Territory
Barrow Creek, EL 30470	-	-	90%	Northern Territory

## Appendix 5B

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

Name of entity

<b>AUSTRALASIAN METALS LIMITED</b>
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ABN

<b>54 625 744 907</b>
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Quarter ended ("current quarter")

<b>30 September 2023</b>
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<b>Consolidated statement of cash flows</b>	<b>Current quarter \$A'000</b>	<b>Year to date (3 months) \$A'000</b>
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation (if expensed)	(6)	(6)
(b) development	-	-
(c) production	-	-
(d) staff costs	-	-
(e) administration and corporate costs	(188)	(188)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	9	9
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)	-	-
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(185)</b>	<b>(185)</b>

<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	-
(d) exploration & evaluation (if capitalised)	(78)	(78)
(e) investments	-	-
(f) other non-current assets	-	-

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

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(78)</b>	<b>(78)</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 (lease liability)	(28)	(28)
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>(28)</b>	<b>(28)</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	4,028	4,028
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(185)	(185)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(78)	(78)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(28)	(28)

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

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (3 months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held	-	-
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>3,737</b>	<b>3,737</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	3,737	4,028
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>3,737</b>	<b>4,028</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$A'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(23)
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.*

Amounts at item 6.1 are in relation to director fees included in item 1.2.

Amounts at item 6.2 are in relation to consulting fees included in item 2.1.

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

<b>7. Financing facilities</b>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity.</i>		
<i>Add notes as necessary for an understanding of the sources of finance available to the entity.</i>		
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 <b>Total financing facilities</b>	-	-
7.5 <b>Unused financing facilities available at quarter end</b>		-
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

<b>8. Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (item 1.9)	(185)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(78)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(263)
8.4 Cash and cash equivalents at quarter end (item 4.6)	3,737
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	3,737
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	14.2
<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?	
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	

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

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: ..... 23 October 2023.....

Authorised by: .....Board of Directors.....  
(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.