



AUSTRALASIAN METALS

ASX Announcement | ASX: A8G | 26 July 2024

JUNE 2024 QUARTERLY ACTIVITIES REPORT

Australasian Metals Limited (ASX:A8G, **Australasian** or the **Company**) is pleased to present its quarterly activities report for the June 2024 quarter.

Operations

Dingo Hole Highly Pure Quartz Project

On 27 May 2024, the Company announced that it had entered into an Option Agreement with Verdant Minerals Limited regarding the Dingo Hole Highly Pure Quartz Project (EL31078) (**Dingo Hole HPQ Project**). The acquisition of the highly prospective project will provide Australasian with exposure to the rapidly growing High Pure Quartz (HPQ) sector.

The Dingo Hole HPQ Project is located in the Georgina Basin, approximately 300km southeast of Tennant Creek (Figure 1). The project covers 35.16km² and was subject to limited exploration by Rum Jungle Resources Limited (**Rum Jungle**, renamed to Verdant Minerals Limited) from 2012 to 2016.

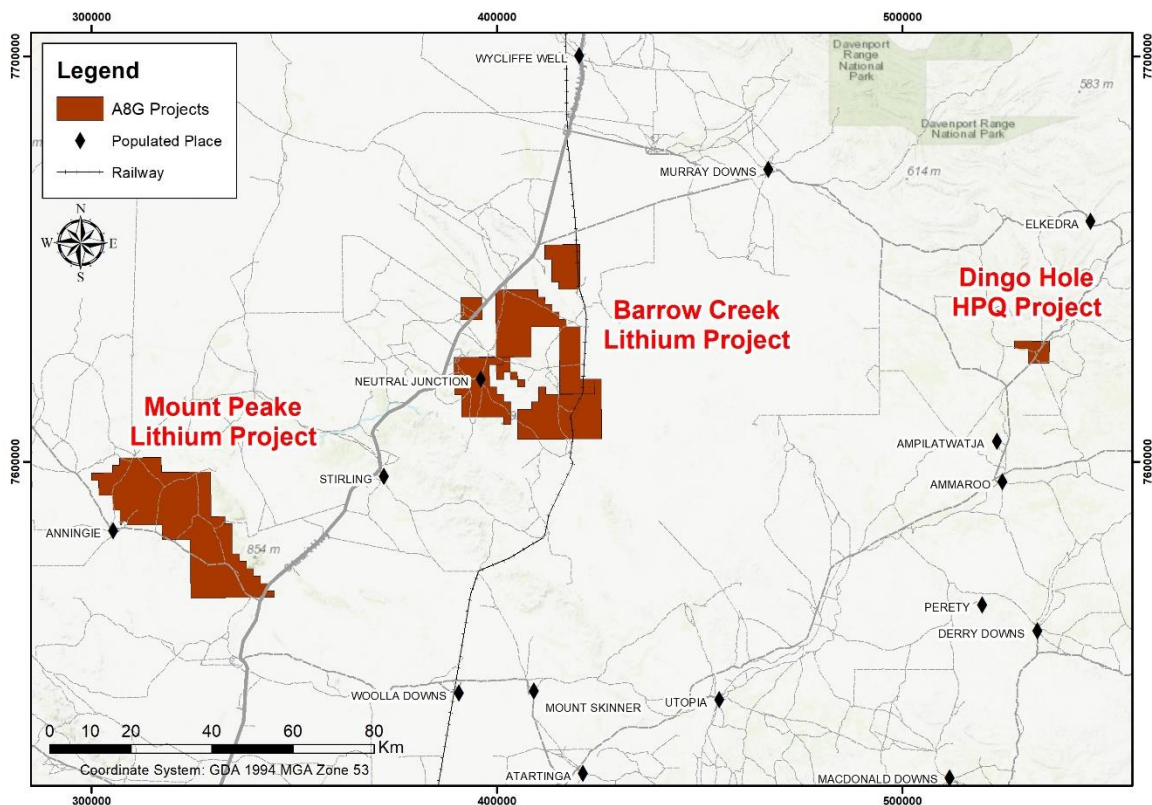


Figure 1: Dingo Hole HPQ Project location in Central Northern Territory



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During the quarter, the Company provided an update on field exploration activities at Dingo Hole, which included sampling and geological mapping of the silica unit to gain a clearer idea of the commercial viability of the project. Previous work at Dingo Hole suggested that the silica unit is a silcrete deposit but the lack of any residual clasts within the silica coupled with the ubiquitous vugs with inward growing crystals suggests a higher temperature mode of formation. Our team believes the metasomatic replacement of a dolomite unit is a possible model which has resulted in what can be seen as very clean silica in many areas.

Clean white silica can be seen in Figure 2 below in the foreground where the team are standing while a ridge of highly ferruginous silica is in the background. The iron appears to be on the outside of the silica and not necessarily within (Figure 3) but further work is needed to assess the iron's impact on any future product.



Figure 2: Field staff standing in the area Rum Jungle took sample 112004 112004 with 4.7ppm Al, 0.6ppm Ti and 37ppb Li.

Exploration Target Range Study with SRK Consulting

On 23 July 2024, the Company announced a maiden exploration target for the Dingo Hole HPQ Project (Table 1).



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Table 1: Exploration Target for the Dingo Hole High Purity Quartz Project

Exploration Target	Area (km ²)	Height (m)	Density (kg/m ³)	Tonnage (Mt)	SiO ₂ (%)
Lower Case	1.16	5	1.8	10.4	99.37
Upper Case	1.7	10	2.5	42.6	99.85

Note: The SiO₂ grade displayed in the table is not the in situ grade; it is the leached grade after hydrofluoric acid treatment.

The lower limit was based on the Lower Case area delineated from Google Maps (Figure 2). SRK considered it appropriate as the most conservative case because the boundary between the silica and non-silica soil is clearly visible on Google Maps. A thickness of 3m and a lower average density of 1.8 g/cm³ were used for the Lower Case. The upper limit was calculated based on the Upper Case area which is delineated from the DTM relief. The difference being that it contains additional areas which are not clearly identified in the Google imagery used for the Lower Case. This could be a potential HPQ zone covered by red soil. A thickness of 8m, and a higher average density of 2.5 g/cm³ were chosen for the Upper Case. The SiO₂ grade range was estimated based on a 95% confidence interval around the sample mean, assuming that the sample mean is normally distributed.



Figure 3: Delineated HPQ areas at Dingo Hole based on Google Maps (SRK Consulting, 2024). The readings are SiO₂ content based on %. It is noted that SRK calculated the SiO₂ content by subtracting the sum of the other elements' converted oxides (with some elements like silver (Ag) and gold (Au) remaining in their elemental form) from 100%, based on the original assay results from Jericho Resources (2015). SRK notes that SiO₂ is not assayed. It is calculated due to the potential inaccuracies when assaying high purity silica.



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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 640km² and shares a boundary with Core Lithium Limited’s (ASX:CXO) Anningie lithium project ~200km north of Alice Springs (**Figure 4**).

During the March quarter, the Company advised that it had completed a three drillhole, reconnaissance diamond drill program of approximately 600m, at the Mount Peake Project. The drill program was the result of being successfully awarded a grant of \$95,185 under the *Resource the Territory* initiative, which is administered by the Northern Territory Geological Survey.

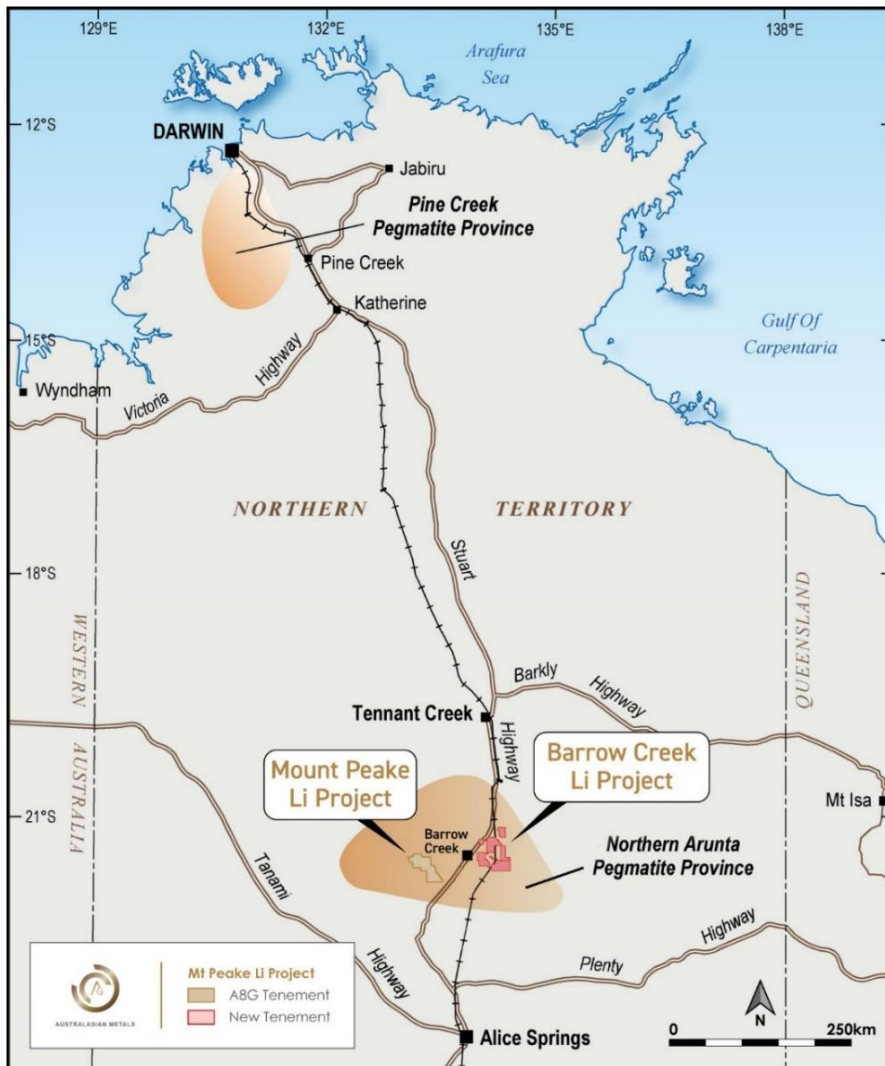


Figure 4: Mt Peake and Barrow Creek lithium project location in the Northern Arunta Pegmatite province of the Northern Territory



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With this detailed logging, our technical team is re-processing the previously reported geophysics and geochemical results. Our increased understanding of the pegmatites will be used to plan future exploration activities at Mount Peake.

Barrow Creek Lithium project (90%)

Barrow Creek is located roughly 100 km to the northeast of the Mt Peake Lithium project (**Figure 4**). There are historical Ta-Sn mineral occurrences records across several tenements, and pegmatite rocks have been mapped, with regional geological mapping by previous explorers and government geologists.

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.

Desktop targeting work was undertaken at the Mt Clermont and Capella projects during the June quarter.

May Queen South Bauxite Project

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 16km². Customer demand is currently strong for this ore type.

No work was undertaken at the May Queen South Bauxite project during the June quarter.



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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.

No field work was undertaken at May Queen Gold project during the June quarter. Field work is planned to investigate further gold potential in the coming quarters.

Corporate

New Opportunities

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

Cash Position

As at 30 June 2024, the Company had approximately \$3.15 million of cash and no debt.

Summary of Exploration Expenditure

In accordance with Listing Rule 5.3.1, the Company reports that there was \$99,000 exploration expenditure incurred during the June quarter.

Note 6 to Appendix 5B

Payments to related parties of the entity and their associates: during the June quarter \$28,000 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

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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



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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.

Annexure 1: Australasian Metals Limited – tenements held directly by Australasian Metals or subsidiary company as at 30 June 2024

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
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

AUSTRALASIAN METALS LIMITED

ABN

54 625 744 907

Quarter ended ("current quarter")

30 June 2024

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	-	-
1.2 Payments for		
(a) exploration & evaluation (if expensed)	(41)	(52)
(b) development	-	-
(c) production	-	-
(d) staff costs	-	-
(e) administration and corporate costs	(81)	(534)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	9	62
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	39	297
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(74)	(227)

2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	(10)
(c) property, plant and equipment	-	-
(d) exploration & evaluation (if capitalised)	(99)	(598)
(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 (12 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	(99)	(608)
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	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings (lease liability)	(5)	(43)
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	(5)	(43)
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,328	4,028
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(74)	(227)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(99)	(608)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(5)	(43)

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 (12 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	3,150	3,150

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	1,150	3,328
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (term deposit)	2,000	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	3,150	3,328

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	(27)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	(1)

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

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)	(74)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(99)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(173)
8.4 Cash and cash equivalents at quarter end (item 4.6)	3,150
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	3,150
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	18.2
<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: 26 July 2024.....

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.