

## QUARTERLY ACTIVITIES REPORT FOR THE PERIOD ENDED 31 DECEMBER 2023

31 January 2024

### Highlights

- **Results from RC drilling at Eastman PGE Project increased the strike length of higher-grade PGE mineralisation at the Brumby Prospect from 180m to 680m**
- **PGE mineralisation at Brumby now extends over the entire 1.1kms of strike length drill tested**
- **Significant new PGE results at Brumby include:**
  - **22m @ 1.67 g/t PdEq<sup>1</sup> (1.19g/t 3E<sup>2</sup>) from 33m**
    - including **7m @ 3.13 g/t PdEq (2.01g/t 3E)** from 45m
  - **17m @ 1.43 g/t PdEq (1.04g/t 3E) from 35m**
    - including **4m @ 2.57 g/t PdEq (2.01 g/t 3E)** from 43m
  - **54m @ 1.02 g/t PdEq (0.7 g/t 3E) from 96m**
    - including **4m @ 2.16 g/t PdEq (1.69 g/t 3E)** from 126m
    - & including **6m @ 2.22 g/t PdEq (1.69 g/t 3E)** from 138m
- **Satellite interpretation and radiometrics reprocessing undertaken across the Minneroo Lithium Project with potential pegmatites identified for field checking**

Peako Limited (ASX: PKO) (**Peako** or **the Company**) is pleased to provide its Quarterly Activities Report for the three months to 31 December 2023.

### East Kimberley Tenements

Peako's exploration focus is its ground-holding (**Figure 1**) in the East Kimberley region of Western Australia.

The geological diversity within Peako's tenement package has driven the search for a wide range of commodities, with the Koongie Park Formation having demonstrated prospectivity for base (Cu-Pb-Zn) and precious (Ag, Au) metals mineralisation, whilst the Eastman Ultramafic Intrusion has demonstrated prospectivity for additional base (Ni, Cu) and precious metal (Au, PGE and REE) mineralisation.

<sup>1</sup> Palladium Equivalent - refer pages 5-6 for calculation and commentary

<sup>2</sup> 3E = The sum of palladium (Pd) + platinum (Pt) + gold (Au) in g/t

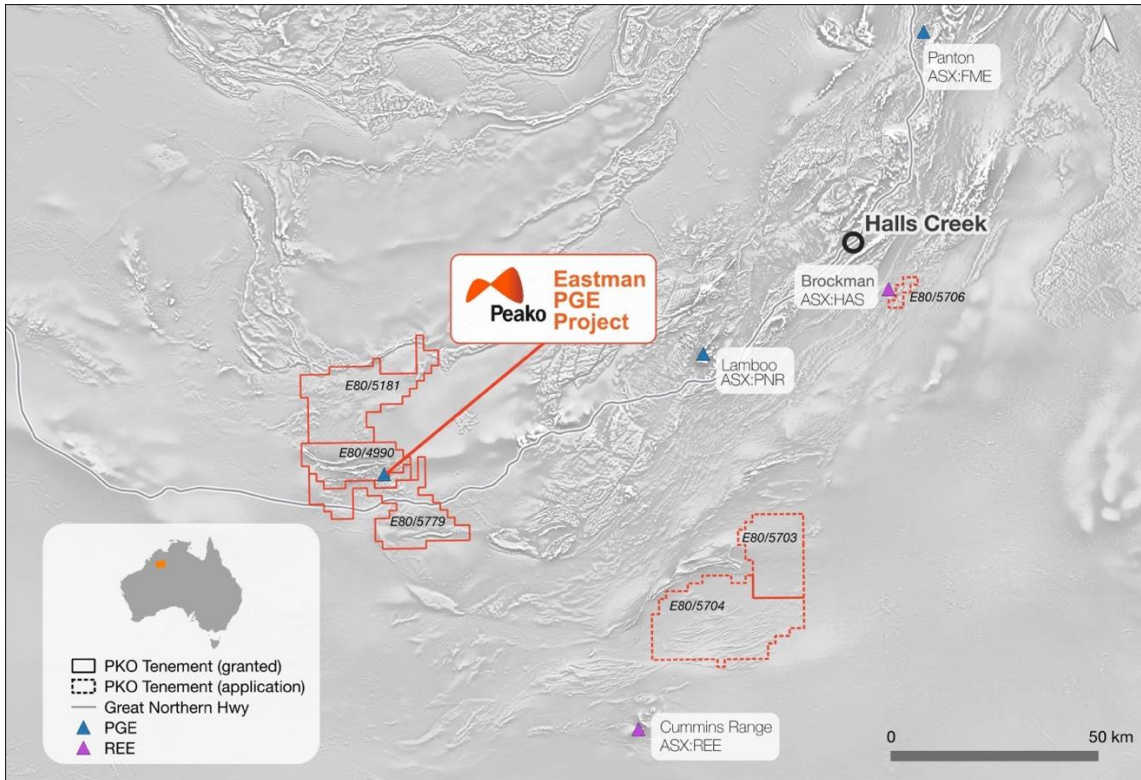


Figure 1. Peako's East Kimberley tenement package

## Activities during the December Quarter

### Eastman PGE - RC Drilling

During the quarter Peako received results from a 1,462m reverse circulation (RC) drilling program undertaken at its Eastman PGE Project. The drilling was focused on the Brumby Prospect (**Figure 2**) with the aim of extending the strike length of higher-grade PGE mineralisation along with testing the grade continuity and width at the prospect. A total of 10 holes were drilled at Brumby for 1240m, with two additional holes drilled west of the Waterloo Prospect to test undercover for the location and nature of PGE mineralisation within the buried ultramafic host unit.

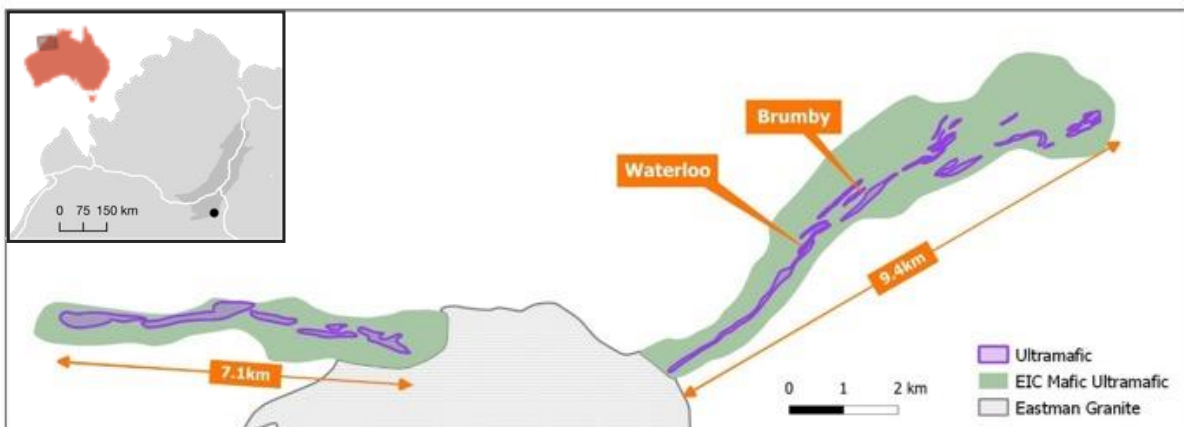
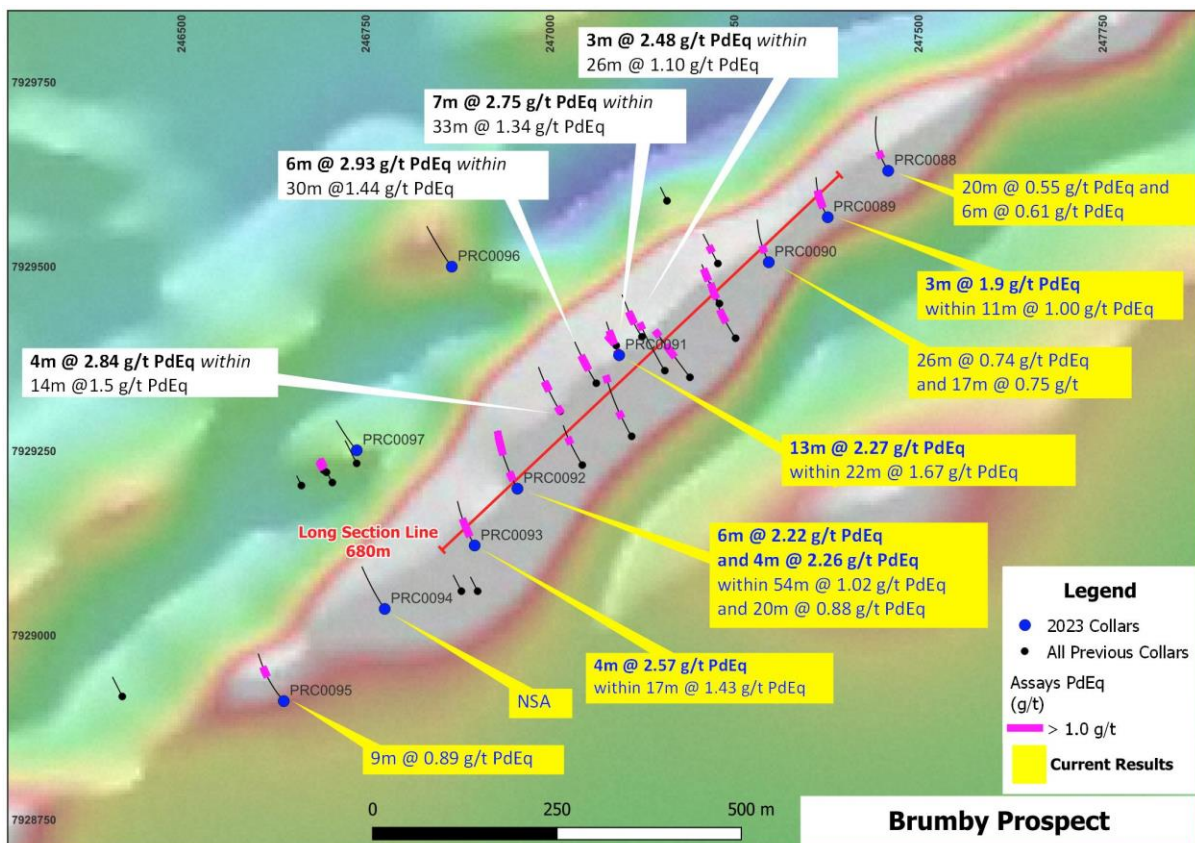


Figure 2. Location of prospects targeted in the 2023 step-out RC drilling program.

Of the 10 holes drilled at the Brumby Prospect, two were drilled to test the parallel ultramafic unit to the north, with the remaining 8 holes drilled at the main Brumby Prospect.

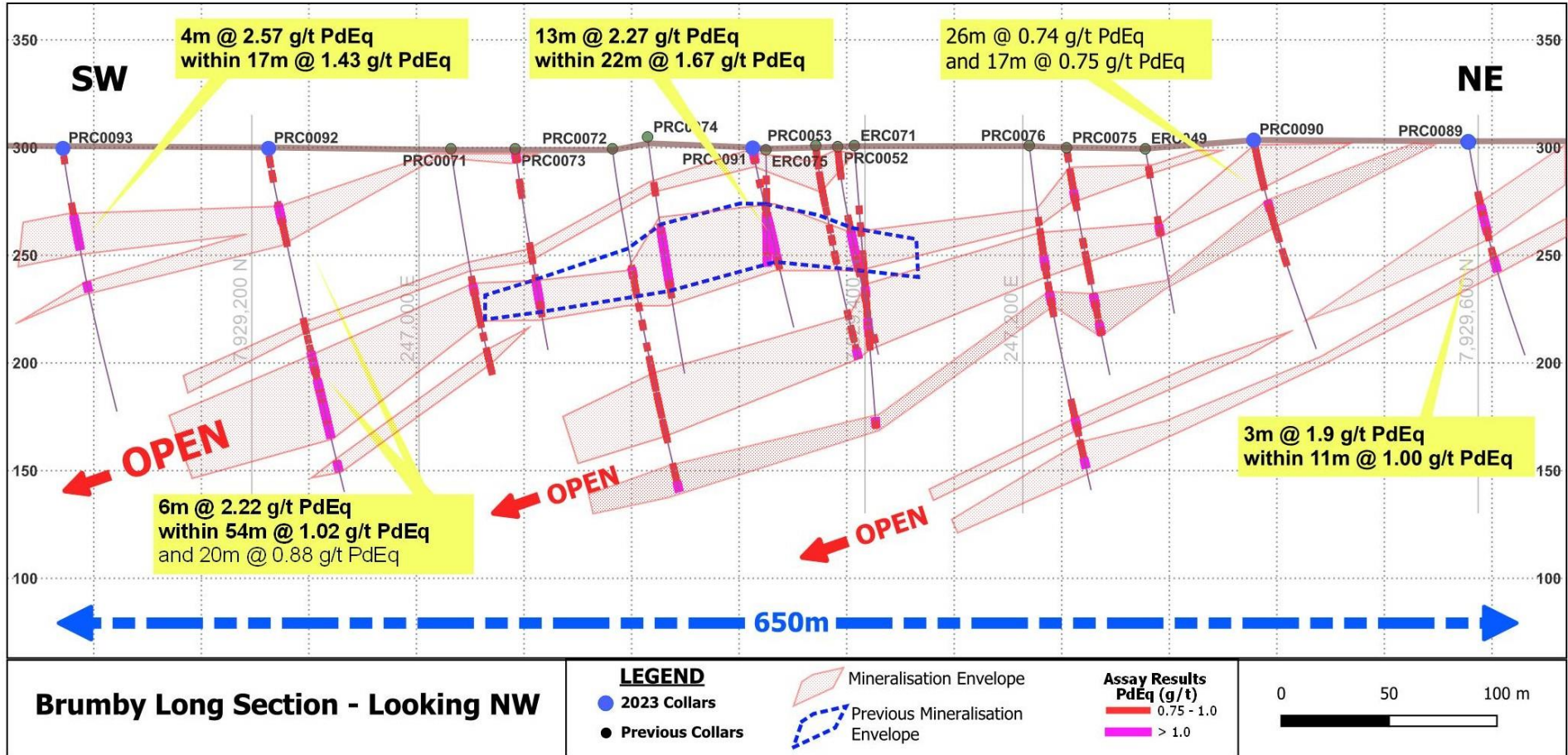
Most drill holes at Brumby returned anomalous PGE results, with these results extending the strike length of known mineralisation from 300m to more than 1.1kms. The drilling has also increased the strike length of higher grade mineralisation from 180m to 680m (see **Figure 3 & 4**).

An interpretation of PGE mineralisation in long-section suggests mineralisation is contained within zones of varying widths and grades. These mineralised zones tend to plunge moderately to the south-west at approximately 25 to 30 degrees with all zones remaining open at depth. Potential exists for the higher-grade PGE mineralisation intercepted in PRC0092 to plunge below PRC0093 (see **Figure 3 & 4**) which can be tested by extending PRC0093.



**Figure 3.** Brumby drilling results, showing higher-grade PGE mineralisation intercepted over the 680m strike.





**Figure 4.** Brumby Long-Section highlighting the latest step-out drilling results and the shallow southwest plunge to PGE mineralisation (Section window, ±120m).

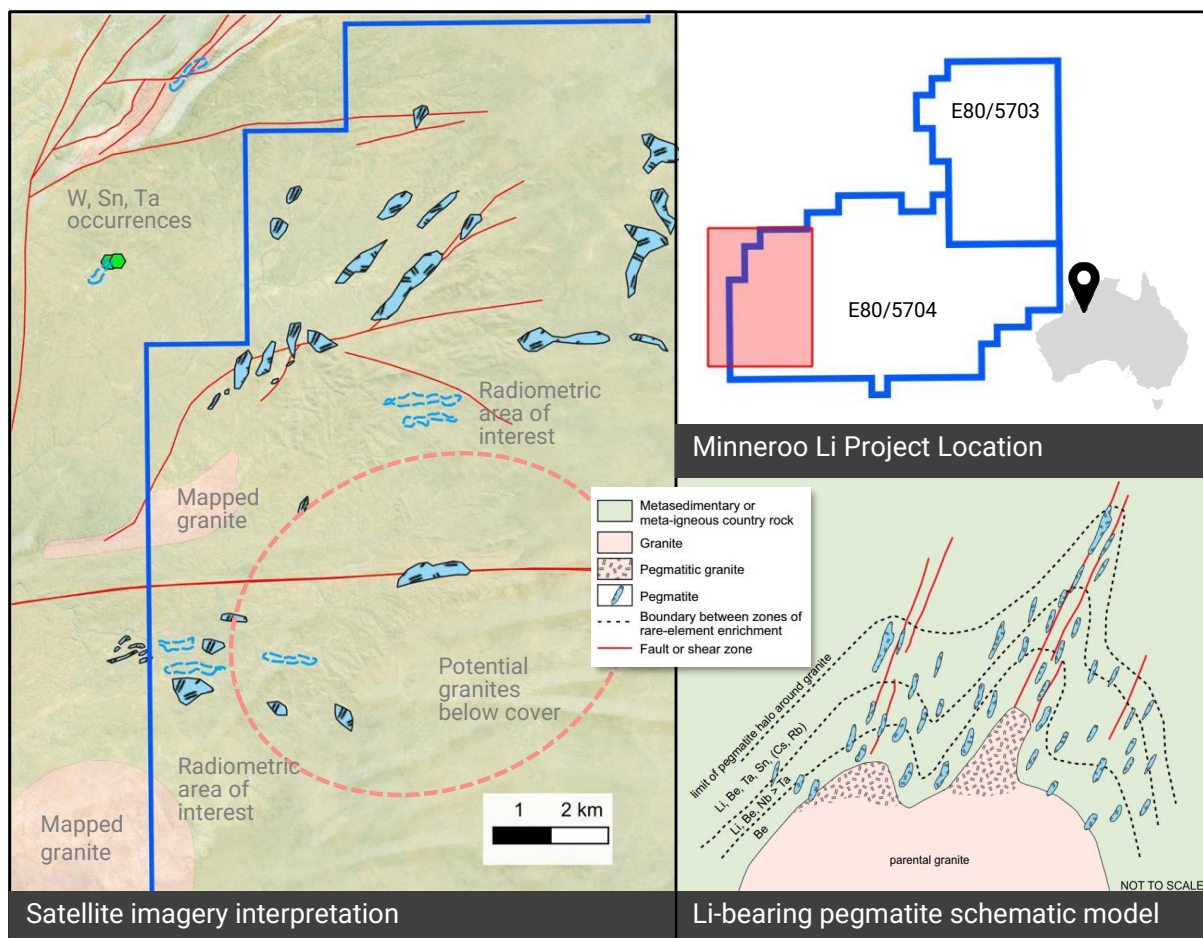
## Minneroo Pool Lithium Project

The Minneroo Pool Lithium Project is located in E80/5703 over which Peako has an Exploration Licence Application. Peako has identified evidence of potential Lithium-bearing pegmatite systems and large untested alkaline granitoid bodies within the project area having potential for several mineralisation styles including structurally-controlled pegmatite dykes as well as intrusion hosted and intrusion related models.

Historically Li-fertile granites, associated anomalous Nb, Sn, Ta, REE, Pb and Cu mineralisation, have been mapped adjacent to and intruding onto Peako's tenement. There is no record of lithium exploration having previously been undertaken in this area.

Following an initial reconnaissance visit to the Minneroo Pool Project areas during September 2023 an interpretation of satellite imagery and reprocessing of Government open-file radiometrics data was completed during the quarter. The new interpretation and reprocessing has resulted in the identification of numerous interpreted pegmatites and other areas of interest for future field validation (**Figure 5**).

Given the limited tracks and access conditions helicopter sampling is considered the most efficient means of carrying out future initial sampling and validation activities.



**Figure 5.** Minneroo Pool Project potential for Lithium-bearing pegmatites

## Corporate



During the Quarter the Company raised a total of \$391,591 before costs through a pro-rata entitlement offer. A total of 56,353,260 new fully paid Ordinary shares issued and 56,353,260 new options granted<sup>3</sup> and exercisable at \$0.020, with an expiry date of 30 November 2026.

The Company's Directors took up entitlements amounting to \$286,880, demonstrating their strong commitment to the Company's projects.

**This announcement is approved by the Board of Peako Limited**

### For more information

Rae Clark

Director, Peako Limited | +61 3 8610 4723 | [info@peako.com.au](mailto:info@peako.com.au) |   |

---

<sup>3</sup> ASX Announcement 11 October 2023 – Update to Results of Entitlement Offer



## COMPETENT PERSON DECLARATION

The information in this report that relates to Exploration Results is based on information compiled or reviewed by Dr Paul Kitto who is a member of the Australian Institute of Geoscientists. Dr Kitto is Technical Director of and a consultant to Peako Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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 Kitto consents to the inclusion in this report of the matters based on information provided by him and in the form and context in which it appears.

## REFERENCES

The information in this report that relates to Exploration Results previously reported in ASX announcements are listed below. The Company is not aware of any new information or data that materially affects the information included in each relevant market announcement.

Further details can be found in the following Peako ASX announcements:

25 October 2023	<a href="#">Higher-grade PGE Mineralisation at Brumby extends over 680 metres</a>
20 February 2023	<a href="#">High-Grade PGE Results at Brumby – Table 1 Corrected</a>
28 March 2023	<a href="#">Rhodium and Iridium enhance PGE grade at Eastman Project</a>

## Palladium Equivalent (PdEq)

The Company reports individual grades for each of the elements palladium, platinum, gold, nickel, copper and cobalt as well as an aggregate 3E value, being the aggregate of Pd, Pt and Au.

Peako cautions that while many PGE explorers report 3E grades, such grades, being aggregates, do not reflect the varying value contribution of each element. As such, 3E PGE mineralisation with a high proportion of Palladium, such as that reported from the Eastman Project, will have a higher value than the same grade 3E PGE mineralisation calculated from a different project that is comprised largely of Platinum, due to the higher value of Palladium per gram compared to Platinum.

### *Basis for Palladium Equivalent Calculation*

Accordingly, Peako has calculated Palladium Equivalent (PdEq) grades in order to reflect the potential contributions of the elements to contribute to a resource and assist in providing a concise indication of the potential value of mineralisation at Eastman. Palladium Equivalent (PdEq) calculation represents the total metal value for each metal, multiplied by the conversion factor, summed and expressed in Equivalent Palladium (PdEq) grade.

Given the Eastman Project's stage of development, no metallurgical test work has yet been conducted. However, it is the Company's opinion that all elements included in the metal equivalent calculation (palladium, platinum, gold, nickel, copper and cobalt) have a reasonable potential to be recovered and sold. Based on the similar Panton deposit, located approximately 185km to the north-east, the Company has assumed metallurgical recoveries based on the Panton deposit model.



Metal recoveries used in the palladium equivalent calculations are shown below:

- Palladium 80%, Platinum 80%, Gold 70%, Nickel 45%, Copper 67.5% and Cobalt 60%

Metal prices used are also shown below:

- Palladium US\$1,700/oz, Platinum US\$1,300/oz, Gold US\$1,700/oz, Nickel US\$18,500/t, Copper US\$9,000/t and Cobalt US\$60,000/t

Metal equivalents were calculated according to the follow formula:

- $PdEq \text{ (Palladium Equivalent g/t)} = Pd(g/t) + 0.76471 \times Pt(g/t) + 0.875 \times Au(g/t) + 1.90394 \times Ni(\%) + 1.38936 \times Cu(\%) + 8.23 \times Co(\%)$

Peako cautions that while it considers Panton a similar style deposit to Eastman, actual metallurgical recoveries at Eastman may differ from those at Panton. Further, that its opinion that all elements included in the metal equivalent calculation have a reasonable potential of being recovered and sold relies on defining sufficient mineable economic resources.

## Eastman PGE Project Overview

Peako Limited (ASX:PKO) is focused on the exploration of its large tenement holding in the East Kimberley region of Western Australia. Peako's flagship Eastman PGE Project incorporates a large, underexplored intrusive complex that Peako considers prospective for a major PGE resource.

Located within the Central Zone of the Halls Creek Orogen, a province with established PGE endowment, the intrusion is a layered mafic to ultramafic intrusive complex and is interpreted to extend along strike for approximately 16.5km.

Anomalous PGE intercepts from wide-spaced drilling indicate an extensive PGE mineralised system. Historical exploration focused on the outcropping ~6.9km length of the eastern zone of the intrusive complex, with a bias to evaluating narrow and discontinuous chromite lenses within the sequence.

Peako has been testing PGE endowment across the intrusion, with a focus on PGE mineralisation within the ultramafic horizons of the intrusion outside of the chromite lenses. Peako's results to date confirm PGE mineralisation is not confined to the chromite lenses and seams but has been intersected throughout the ultramafic units.





### Additional Information Required by Listing Rules 5.3.3 and 5.4.3

Tenements held/applied for at the end of the quarter and their location

Tenement	Peako Interest	Tenement Status
Western Australia (East Kimberley Region)		
E80/4990	100%	Granted
E80/5182	100%	Granted
E80/5703	100%	Application
E80/5704	100%	Application
E80/5706	100%	Application
E80/5779	100%	Granted

### Tenements acquired during the quarter and their location

Nil.

### Tenements disposed of during the quarter and their location

Nil.

### Beneficial percentage interests held in farm-in or farm-out agreements at the end of the Quarter:

Nil.

### Payments to related parties during the Quarter included in Appendix 5B – Quarterly Cash Flow Report

Payments were made to Directors and their associates during the Quarter totalling approximately \$45,000. Payments were for contracted services including consulting fees, office costs and directors fees.

## Appendix 5B

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

Name of entity

PEAKO LIMITED

ABN

79 131 843 868

Quarter ended ("current quarter")

31 December 2023

<b>Consolidated statement of cash flows</b>	<b>Current quarter \$A'000</b>	<b>Year to date (6 months) \$A'000</b>
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation		
(b) development		
(c) production		
(d) staff costs	(50)	(90)
(e) administration and corporate costs	(97)	(215)
1.3 Dividends received (see note 3)		
1.4 Interest received		
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Government grants and tax incentives		
1.8 Other (provide details if material)	-	-
<b>1.9 Net cash used in operating activities</b>	<b>(147)</b>	<b>(305)</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	(187)	(383)
(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 (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment	8	40
	(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	-	-
<b>2.6</b>	<b>Net cash used in investing activities</b>	<b>(179)</b>	<b>(343)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	392	392
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	(16)	(23)
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)	-	-
<b>3.10</b>	<b>Net cash from financing activities</b>	<b>376</b>	<b>369</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	272	601
4.2	Net cash used in operating activities (item 1.9 above)	(147)	(305)
4.3	Net cash used in investing activities (item 2.6 above)	(179)	(343)
4.4	Net cash from financing activities (item 3.10 above)	376	369

## 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 (6 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>322</b>	<b>322</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	322	272
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>322</b>	<b>272</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	45
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>		



## 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)	(147)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(179)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(326)
8.4 Cash and cash equivalents at quarter end (item 4.6)	322
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	322
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	0.99
<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: No. Field work at the Company's projects is seasonal due to the annual Kimberley wet season. As a result most field work is carried out during the June and September quarters each year with the bulk of expenditure concentrated in those quarters. The Company conducted field work (including drilling activities) during the June, September and December 2023 quarters. The March 2024 and June 2024 quarters are expected to have lower cash outflows due to the Kimberley wet season.	

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

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: Yes, last quarter, the Company raised \$391,591 as part of an entitlement and shortfall offer. The Company will review all options available to it as and when further funding is required.

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: Yes for the reasons outlined above.

*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.

31 January 2024

Date: .....

The Board of Directors

Authorised by: .....

**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.