2023 Eastman PGE Field Campaign Underway

21 June 2023

Highlights:

- **Ground and preparatory work in progress for upcoming Reverse Circulation (RC) drilling campaign**
- **~1,200m RC drilling program to focus on high-priority Brumby Prospect**
- **Drilling designed to extend the strike of high-grade PGE mineralization at Brumby**
- **Drilling to also test additional parallel Ultramafic units close to Brumby**

Peako Limited (ASX: **PKO**, **Peako**) is pleased to announce the commencement of its 2023 field campaign at the Eastman Platinum Group Element (PGE) Project. Ground and preparatory work are currently in progress in preparation for a reverse circulation (RC) drilling campaign which will commence shortly at the high-priority Brumby Prospect. The primary objective of this campaign is to extend the strike of high-grade PGE mineralization and explore additional parallel ultramafic units to the north.

Peako Executive Director, Rae Clark, commented:

"We are pleased to be back in the field and preparing for RC drilling at our priority Brumby Prospect."

"Our immediate focus is on extending high-grade PGE mineralization at Brumby as part of our systematic exploration approach for the Eastman Intrusion, where the ultimate objective is to progressively define PGE resources along the entire 16.5km strike potential."

Planned RC Drilling

The upcoming RC drilling campaign will be focused at the high priority Brumby Prospect and comprise 10 holes for a total of ~1,200m. The objective is to extend the known strike of high-grade PGE mineralization at Brumby through a series of step-out drill holes. In addition to testing strike, the drill program will assess the width, grade and continuity of the Brumby high grade mineralization.

Importantly, drilling will also test two additional parallel ultramafic units to the north which present opportunity to define additional high-grade PGE targets in close proximity to Brumby.

Brumby Prospect Overview

Situated centrally within the eastern zone of the 16.5km long Eastman PGE Intrusion, the Brumby Prospect has a strike potential of at least 1.4km. Continuous PGE mineralization is presently defined along a tested 300m strike (**Figure 1**).

Drilling intercepts include:

- 6m @ 2.93 g/t PdEq *within* 30m @ 1.44 g/t PdEq
- 7m @ 2.75 g/t PdEq *within* 33m @ 1.34 g/t PdEq
- 4m @ 2.84 g/t Pdeq *within* 14m @ 1.5 g/t PdEq
- 3m @ 2.48 g/t PdEq *within* 26m @ 1. g/t PdEq

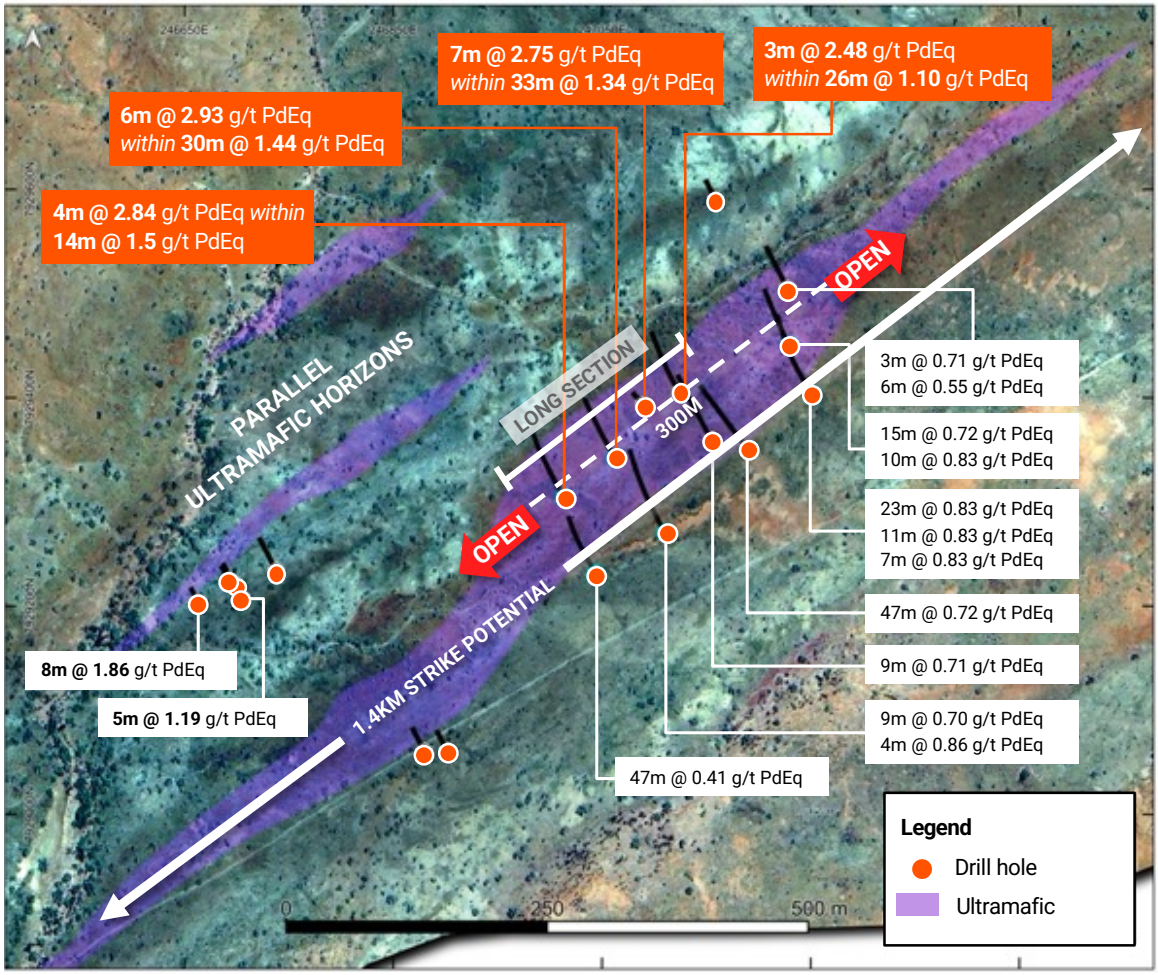

Figure 1. Brumby Prospect results, showing over 300m and open along strike in both directions

Two **additional parallel ultramafic units to the north** of Brumby present opportunity to define additional high-grade PGE targets in close proximity to Brumby, with sparse historical drilling having returned results up **to 8m @ 1.86 g/t PdEq and 5m @ 1.19 g/t PdEq**

To date higher-grade PGE mineralisation at Brumby has been intersected at vertical depths ranging from 35 to 75m, and is open both up and down dip and along strike to the north-east and south-west (**Figure 2**).

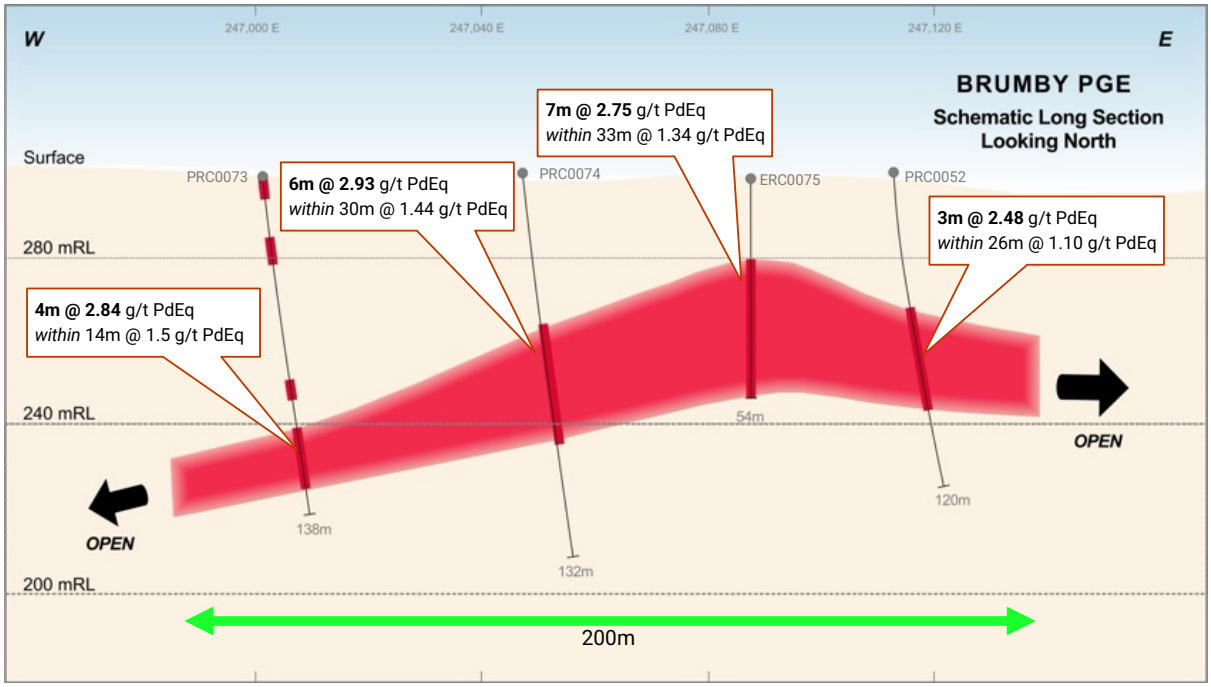

Figure 2. Brumby long section showing mineralisation envelope open along strike and up and down dip

Diamond Drilling

The Brumby Prospect is also the focus of planned diamond drill testing following the completion of RC drilling and interpretation of results, co-funded by a Western Australian Government EIS grant. Diamond drilling will enhance Peako's geological understanding of the Brumby Prospect, particularly in terms of the relationship between PGE mineralization, stratigraphy, and structure. The knowledge obtained from the planned diamond drilling program will assist with targeting PGE mineralization along the entire 16.5km strike of the Eastman Intrusion.

Systematic exploration strategy to progressively define resources across the 16.5km Eastman Intrusion

Peako's exploration strategy is based on a systematic approach to unlock the potential of the 16.5km Eastman Intrusion (**Figure 3**). A sparsity of drilling along Eastman Intrusion means substantial areas are untested, providing significant opportunity for defining PGE resources.

Peako aims to progressively define resources along the length of the Eastman Intrusion. Its immediate focus is on the Brumby Prospect where its objective is to define an economic PGE resource. Results and knowledge gained at the Brumby Prospect will inform systematic assessment and exploration of PGE targets across the Eastman Intrusion.

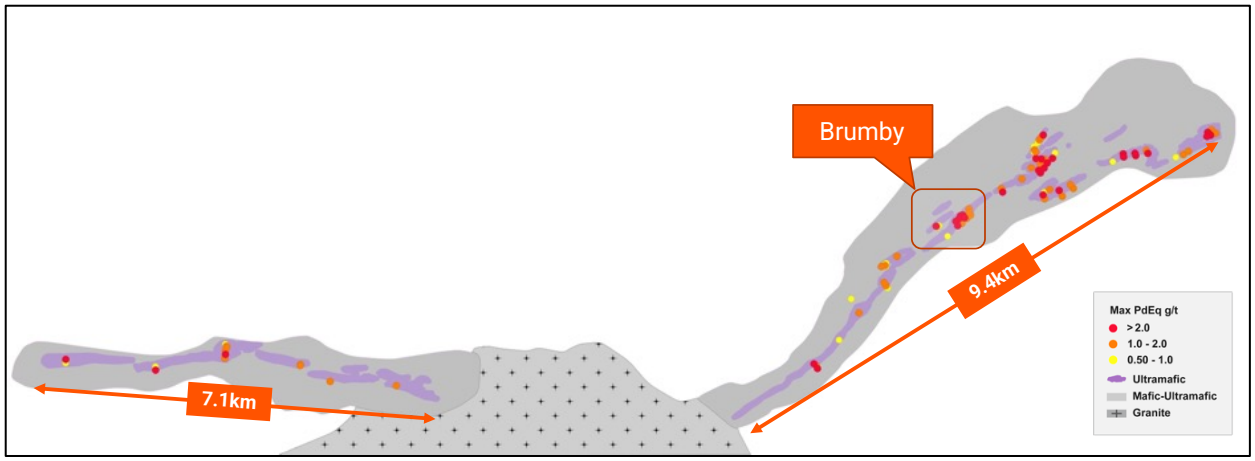

Figure 3. Location of Brumby Prospect within Eastman Intrusion

This announcement is approved by the Board of Peako Limited

For more information

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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:

20 February 2023	High-Grade PGE Results at Brumby – Table 1 Corrected
24 October 2022	Reconnaissance Drilling Extends Eastman PGE Project
31 January 2022	Significant PGE Potential – Peako East Kimberley Project

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 (Palladium Equivalent g/t) = Pd(g/t) +0.76471 x Pt(g/t) +0.875 x Au(g/t) +1.90394 x Ni(%) + 1.38936 x Cu(%) + 8.23 x 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 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. Of particular interest to Peako are zones of higher-grade PGE mineralisation that have been intersected during drilling and which Peako considers encouraging for the potential of the Eastman Intrusion Complex to host economic PGE mineralisation.