

ASX ANNOUNCEMENT

6 November 2025

Drilling commences on extension of Mt York Gold Project, WA

Highlights

- 10,000m of RC and diamond drilling underway on PLS licence after signing of Mineral Rights Agreement
- Minimum 60-hole programme for 10,000m underway on PLS licence E45/2241 adjacent to Kairos' 1.4Moz Mt York Gold Project, WA
- Kairos' geologists targeting continuation of mineralised Banded Iron Formation (BIF) from Main Hill for another 1,500m, aiming to grow Mt York resources
- Historic PLS reconnaissance drilling indicates excellent potential to add gold resources across entire 1,500m strike. Previous PLS results include:
 - 11m @ 3.11 g/t Au from 19m including 4m @ 7.99 g/t Au from 22m (MYRC007);
 - 9m @ 2.66 g/t Au from 81m and 3m @ 1.32 g/t Au from 98m (MYRC005);
- Up to four reverse circulation and diamond drill rigs to complete the drilling
- Updated Mt York mineral resource estimate (MRE) expected in Q1 CY2026.

Kairos Minerals Ltd (ASX: KAI) ("**KAI**" or the "**Company**") is pleased to announce it has commenced drilling on the extension of the 1.4Moz Mt York Gold Project in WA's Pilbara.

The drilling, comprising approximately 60 reverse circulation (RC) and diamond drill holes for a nominal 10,000m of drilling (**Figures 1 & 2**), is planned for November and is being undertaken by up to four drill rigs from DDH1, Strike Drilling and Hagstrom Drilling.

Kairos Exploration Manager Mark Falconer said:

"The Kairos Exploration Team is very excited with the prospect of drilling the extension of Mt York. We have drilled up to the licence boundary at Main Hill and come up with some spectacular drill hits underneath Main Hill, so we can't wait to pattern-drill the rest of the deposit on the PLS side to see what is there."

Very few historic drill holes have been completed in the extension area and we believe that in some cases, the drill holes did not successfully reach the main target mineralised horizon.

Our planned drilling provides a genuine opportunity to add fresh resources to the project from this new area that has never had this level of drilling applied to it before."

Drill Programme

The 1,500m strike of the deposit to the NW of Main Hill will be drilled on nominal fences 80m apart with drill hole centres situated approximately 50m apart along the fences (see **Figures 1 & 2** for drill hole locations on plan and long-section view respectively).

Kairos plans to drill 60 holes for 10,000m in the Stage 1 drilling with two RC drill rigs supported by two diamond drill rigs.

One RC (**Figure 3**) and one diamond rig are currently underway on the extensional drilling and will be supported with a further RC rig and a small-footprint diamond rig to mobilise to site later in November.

Kairos intends to drill to a maximum vertical depth of 150m to enable an update to the Mt York MRE in early 2026.

It is anticipated that additional drilling will be required to fully test the extension and to infill the resource for feasibility-level studies.

Kairos' priority is to grow Mt York resources before completing further studies.

Next Steps

- Finalise Stage 1 drilling program on Main Hill Extension, routine review of results
- Compile all geological and assay data in preparation for updated Mineral Resource Estimate
- Commence wireframing of mineralised zones of Main Trend in preparation for mineral resource estimation (MRE)
- Progress Mining Agreement with Nyamal Aboriginal Corporation towards signing
- Begin advanced metallurgical test work with Minescope Metallurgical Consultants from fresh, transitional and oxide zones.

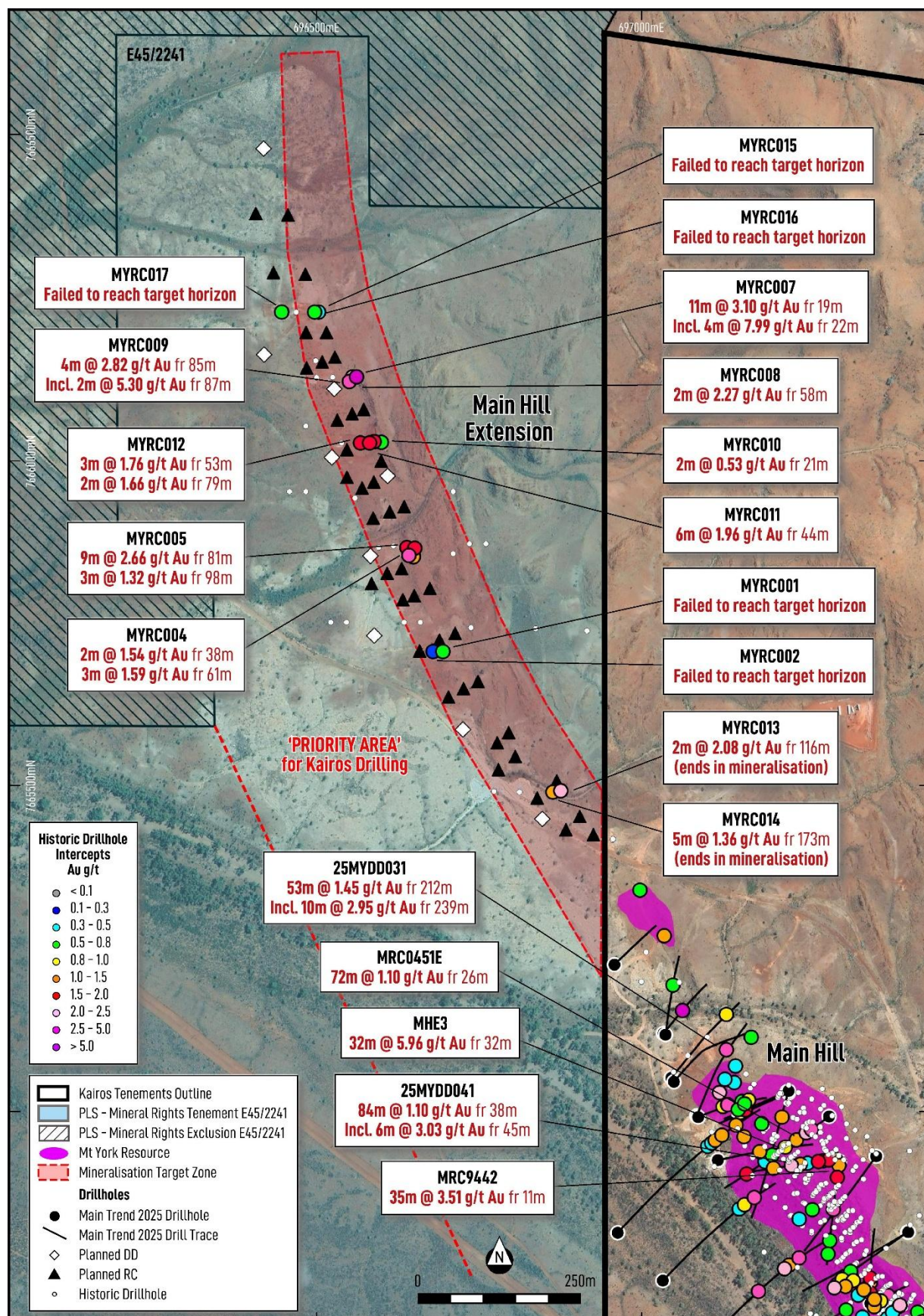


Figure 1. Plan view of the western side of Main Trend showing the northwestern part of Main Hill Prospect with drill intercepts and the Main Hill Extension prospect on the PLS licence E45/2241 in the 'Priority Area'. 'Monster' area drill hole 25MYDD031 is shown.

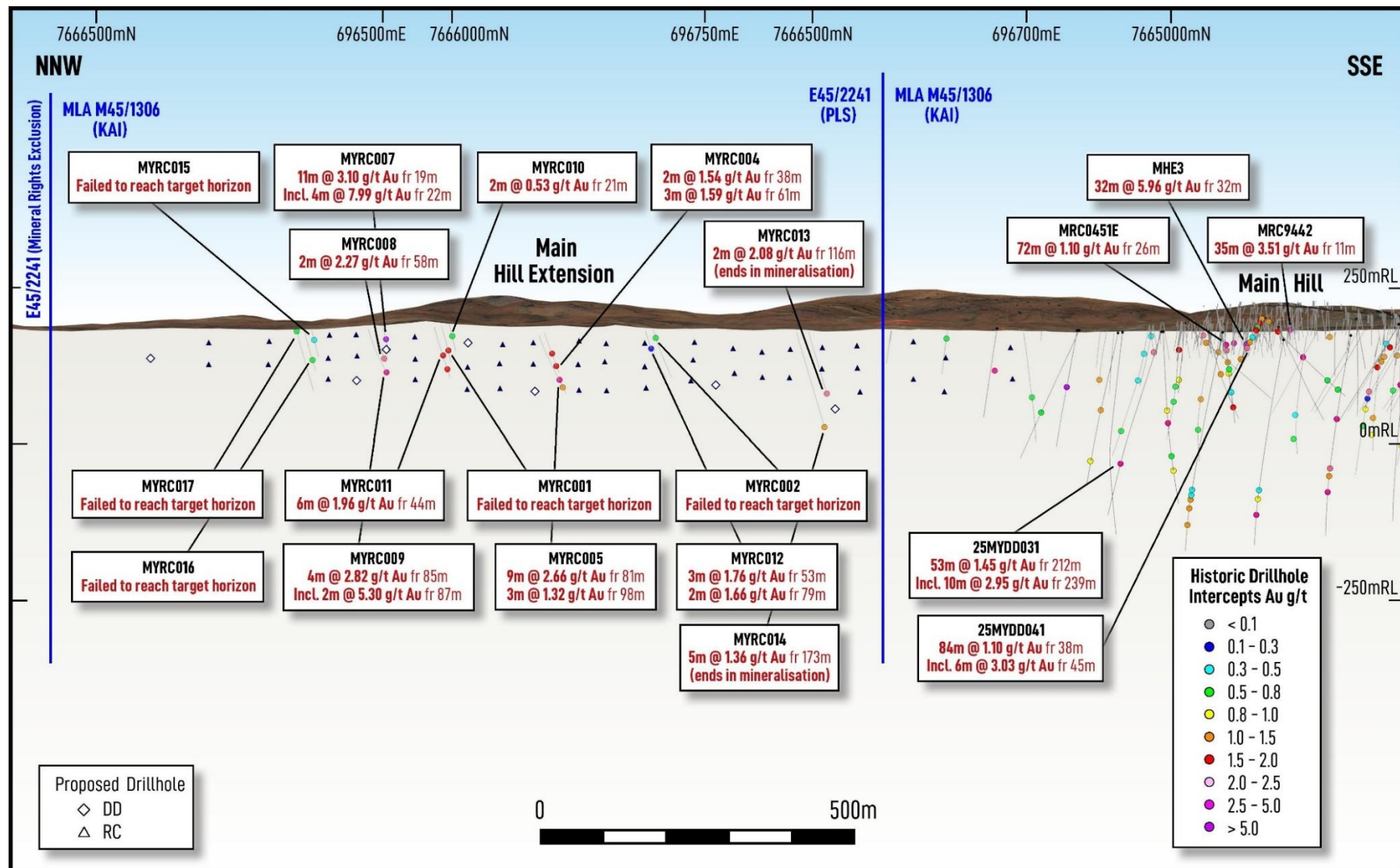


Figure 2. Long-section of the Main Hill Prospect (right) and Main Hill Extension Prospect (left, PLS licence E45/2241) showing historic drill hits. 'Monster' drill hits (25MYDD031) area shown on section. Planned Kairos drill holes shown for resource drilling.



Figure 3. Strike Drilling Pty Ltd RC drill rig on pad 25MYRC011.

About Kairos Minerals

Kairos Minerals (ASX:KAI) owns 100% of the flagship 1.4 Moz **Mt York Gold Project** that was partially mined by Lynas Gold NL between 1994 and 1998. Kairos has recognised that the resource has significant potential to grow further from its current 1.4 Moz base with significant exploration potential existing within the Mt York '**Main Trend**' and its extension towards the northwest where Kairos owns the mineral rights for gold. Scoping study results point to a robust, open-cut mining operation processing 4Mtpa of free-milling mineralisation over eight years. The next steps are to drill the extensions of Main Trend and nearby gold prospects for resource increases whilst targeting near-surface, high-grade shoots to further improve the project economics.

During the resource expansion work, Kairos will collect important additional information to fine-tune metallurgical processing, geotechnical engineering and mine scheduling for further development studies. Current resources at a 0.5 g/t Au cutoff grade above 325m depth are shown in the table below.

Deposit	Indicated			Inferred			Total		
	Tonnes (MT)	Au (g/t)	Ounces (kzs)	Tonnes (MT)	Au (g/t)	Ounces (kzs)	Tonnes (MT)	Au (g/t)	Ounces (kzs)
Main Trend	20.25	1.06	690	22.83	0.95	697	43.08	1.00	1,385
Total	20.25	1.06	690	22.83	0.95	697	43.08	1.00	1,385

Kairos's 100%-owned Roe Hills Project, located 120km east of Kalgoorlie in WA's Eastern Goldfields, comprises an extensive tenement portfolio where the Company's exploration work has confirmed the potential for significant discoveries of high-grade gold, nickel, cobalt and importantly, rare earth element (REE) mineralisation. A 2023 drilling program at Black Cat intercepted significant, clay-hosted REE mineralisation.

This announcement has been authorised for release by the Board.

Peter Turner
Managing Director

Simon Lill
Non-Executive Chairman

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COMPETENT PERSON STATEMENT:

The information in this report that relates to Exploration Results is based on and fairly represents information compiled and reviewed by Mr Mark Falconer, who is a full-time employee of Kairos Minerals Ltd and who is also a Member of the Australian Institute of Geoscientists (AIG). Mr Falconer has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' (the JORC Code 2012). Mr Falconer has provided his prior written consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The information in this report that relates to Mineral Resources is based on information compiled and reviewed by Christopher Speedy a fulltime employee of Encompass Mining Consultants who is also a Member of the Australian Institute of Geoscientists (AIG). Mr Speedy has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' (the JORC Code 2012). The Resource Estimation has been prepared independently in accordance with the JORC

Code. Mr Speedy has no vested interest in Kairos Minerals or its related parties, or to any mineral properties included in this report. Fees for the report are being levied at market rates and are in no way contingent upon the results. Mr Speedy has consented to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The Mineral Resources were first reported in the announcement dated 15 May 2023 (Announcement) and subsequently updated in an announcement dated 5 September 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Announcement and, in the case of estimates of mineral resources, that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.