

New 5,000m Drilling Program Commences at Barimaia Gold Project, WA

Multi-pronged campaign set to target extensions and new discoveries within
expanded 7km long Barimaia Intrusion

Key Points

- **First pass Reverse Circulation (RC) drilling will target exciting discovery opportunities outlined by recent aircore drilling along strike from the 2.5km zone of mineralisation already defined at the McNabs and McNabs East Prospects.**
- **Aircore drilling has more than doubled the size of the targeted Barimaia granodiorite host intrusion to over 7km of strike, with strong zones of gold anomalism returned.**
- **RC and diamond drilling will further evaluate the extensive zone of gold mineralisation¹ which has now been defined over 500m of strike on the western side of McNabs East, where drilling has previously returned significant results including:**
 - **22.7m @ 4.09g/t Au from 71.3m 24BADD004**
 - **29m @ 2.52g/t Au from 81m 24BARC083**
 - **17m @ 2.25g/t Au from 86m 25BARC116**
 - **10m @ 4.24g/t Au from 44m 25BARC114**
- **Drilling will target a large expansion to the currently defined mineralisation on the western side of McNabs East, with drilling planned to test across the +200m wide granodiorite intrusion host rock and at depth.**
- **RC drilling will also be completed on the eastern side of McNabs East towards The Furnace, targeting extensions to the recently defined shallow high-grade gold mineralisation¹, which included:**
 - **4m @ 9.62g/t Au from 59m 24BARC102**
 - **4m @ 7.97g/t Au from 56m 25BARC132**
 - **1m @ 23.61g/t Au from 67m 25BARC128**
- **Extensions to the host granodiorite intrusion identified by recent aircore drilling will also be systematically followed up in the second half of 2025.**

Ordell Minerals Limited (ASX: ORD) (“Ordell” or “the Company”) is pleased to advise that it has commenced a new ~5,000m drilling program at its Barimaia Gold Project (“Barimaia”), located near Mount Magnet in the Murchison region of Western Australia.

The objective of the new drilling program is to:

1. Define significant extensions to the extensive zone of near-surface gold mineralisation on the western side of the McNabs East prospect, with drilling targeting across the entire +200m wide granodiorite intrusion host rock and at depth (see Figures 2 to 4);
2. Follow up the eastern side of McNabs East towards The Furnace to determine the orientation and target extensions to the recently defined shallow high-grade gold mineralisation (see Figure 2); and

¹ For the full details of drilling results see Ordell Minerals Limited ASX releases dated:

- 4 November 2024 “Shallow, High-Grade Gold Mineralisation Intersected at Barimaia Gold Project”
- 14 January 2025 “High-Grade Gold Returned in First Diamond Drill Program at Barimaia Gold Project”
- 2 April 2025 “Further Shallow, High Grade Gold Mineralisation Intersected at Barimaia Gold Project, WA”
- 16 April 2025 “New Zone of Shallow, High-Grade Gold Mineralisation Intersected at Barimaia”
- 19 May 2025 “Aircore Drilling Expands Prospective Barimaia Intrusion to +7km of Strike”

3. First pass follow up drilling of strongly gold anomalous zones identified by recent wide-spaced aircore drilling within the near-surface (oxide zones) to the east of The Furnace prospect.

The program will be completed between May and July 2025.

Management Comment

Ordell’s Managing Director, Michael Fowler, said:

“We are pleased to have the rig back on site as we embark on a new multi-faceted 5,000m drilling campaign at Barimaia with RC drilling already underway. We expect diamond drilling to commence in the first half of June. Our focus will be to build on our growing understanding of the mineralised system with the dual objective of testing extensions of the known mineralisation and making new discoveries.

“The current drill program will target significant extensions to the McNabs East mineralisation, with diamond drilling to test the entire +200m width of the intrusion from its southern contact to its northern contact within the surrounding ultramafic rocks.

“The recently outlined zone of shallow, high-grade gold mineralisation extending over 300m of strike from McNabs East and moving eastwards towards The Furnace will also be followed up with RC drilling.

“We are also excited to commence a first pass test of the strongly gold anomalous zones returned from the recent aircore drilling reported earlier in the week which will now be followed up with RC drilling during the current program. Further aircore drilling is being planned to continue to define the extent of the Barimaia intrusion.”

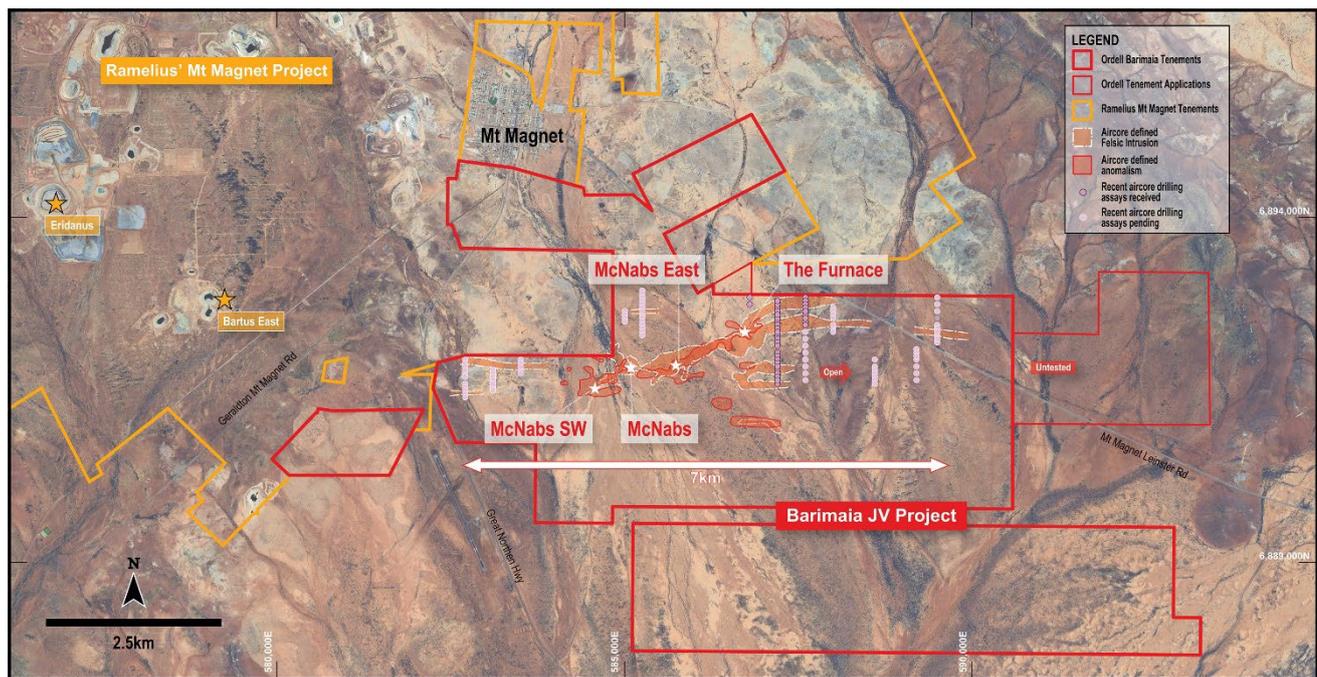


Figure 1. Plan view showing prospects and recent aircore drilling highlighting significant strike extent of interpreted Barimaia Intrusion. The target footprint of the intrusion has more than doubled.

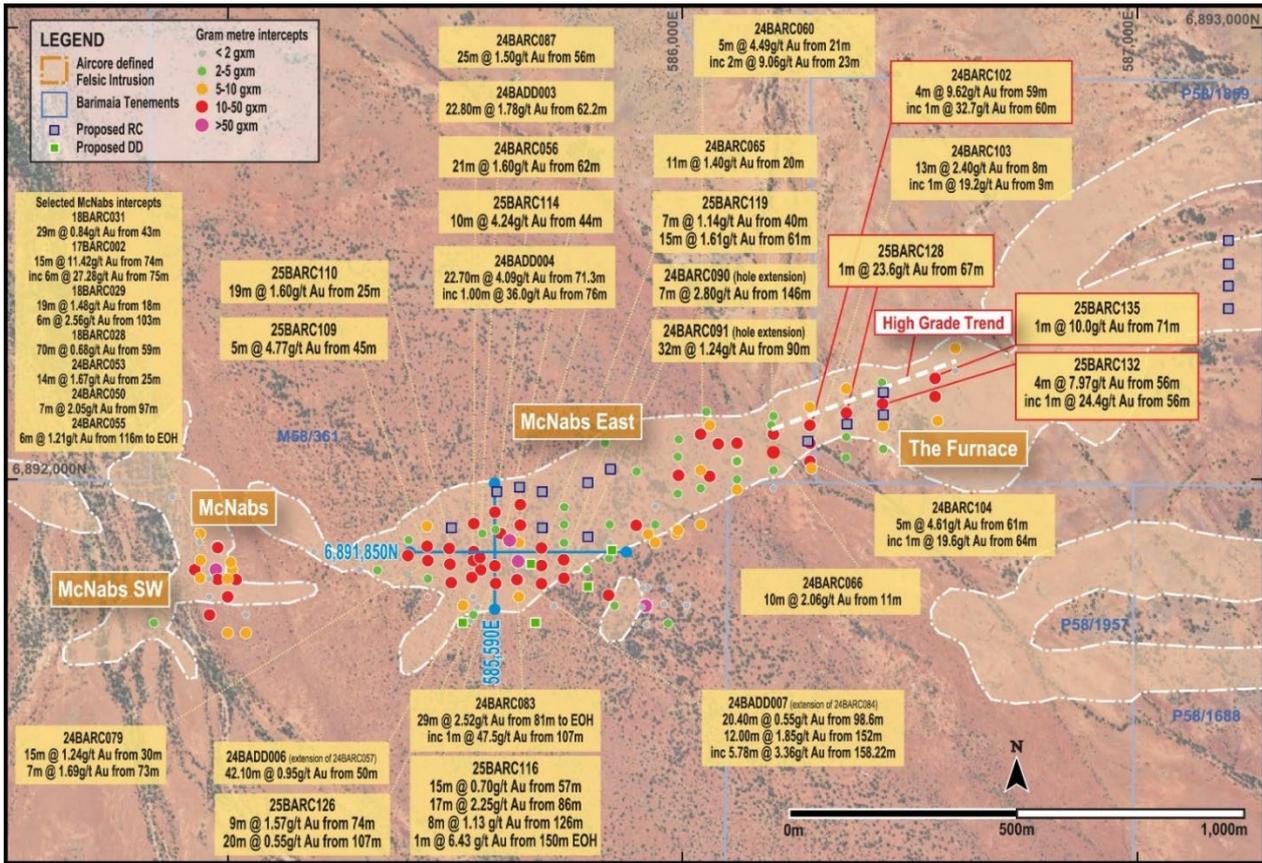


Figure 2. Plan view showing collar locations of planned drilling (diamond collars light green squares and RC collars blue squares). The location of section line for Figures 3 and 4 is shown by the blue lines. The interpreted trend of high-grade gold mineralisation intercepted between McNabs East and The Furnace is shown in a white dashed line.

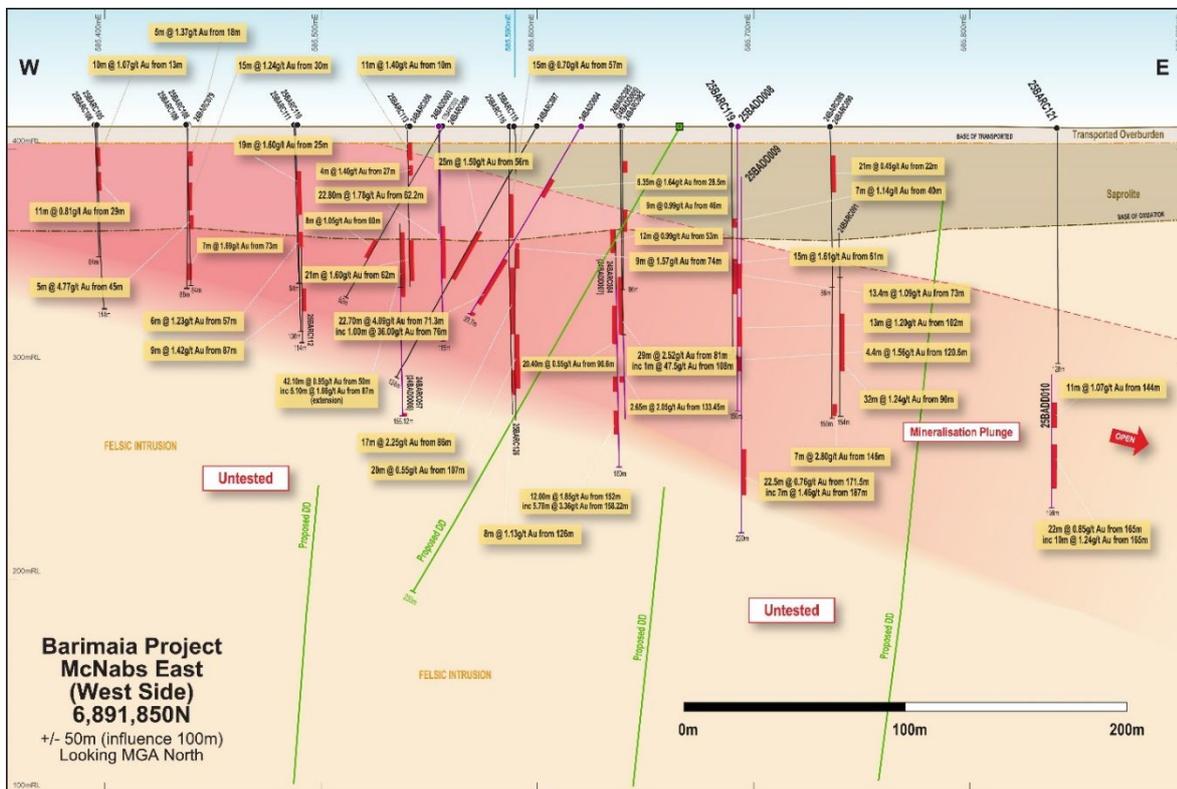


Figure 3. Section 6,891,850N looking north, highlighting a shallow zone of gold mineralisation plunging to the east. The proposed drill traces are shown on the section. The section location is shown on Figure 2. Note holes 25BADD010, 24BARC090 and 24BARC091 failed to reach target depths due to difficult ground conditions (broken/fractured).

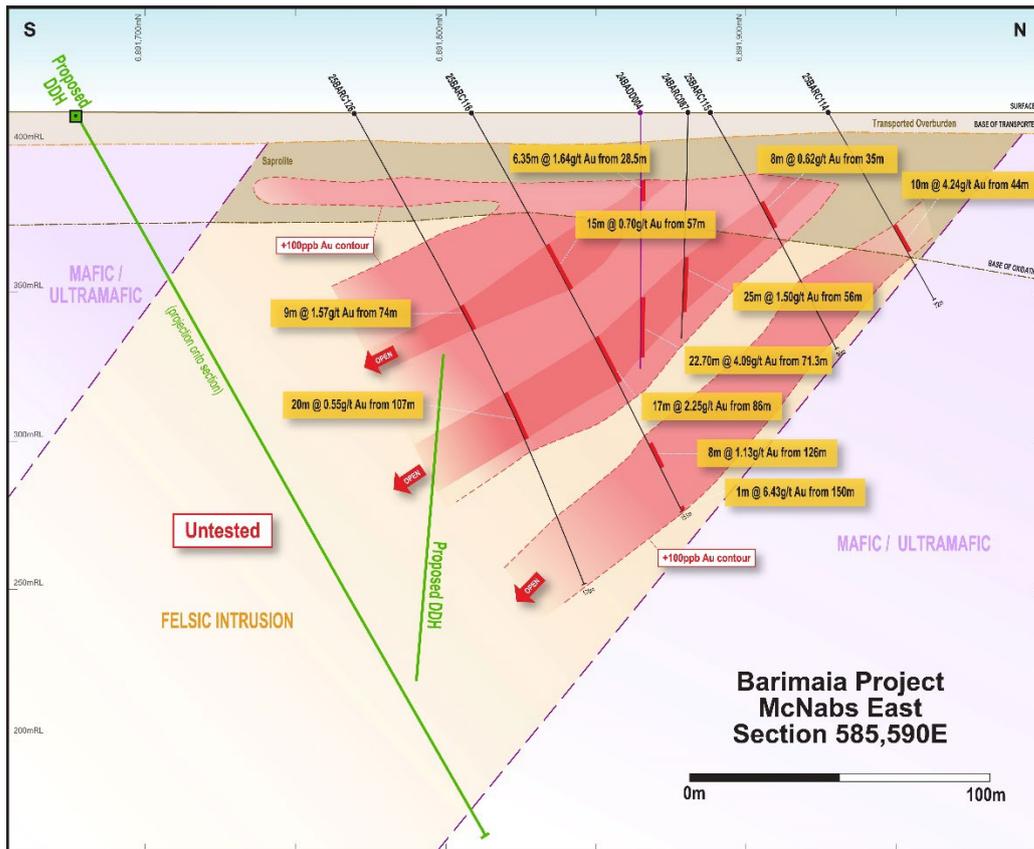


Figure 4. Section 585,590E showing proposed diamond drill hole traces. The felsic intrusion is over 200m wide however the exact orientation of the contacts is unclear due to the lack of drilling into the contact zones. Note the large area untested by drilling on the southern side of the intrusion at shallow depths.

Background

The Company's flagship Barimaia Gold Project, located in the Murchison region of Western Australia, represents an advanced exploration project with significant historical drilling results.

Ordell acquired its 80.3% interest in Barimaia from Genesis Minerals Limited (ASX: GMD), which is now a major shareholder of Ordell with an 8% shareholding. Barimaia was never systematically explored due to Genesis' strategic focus on its assets in the Leonora region.

Barimaia is located in a Tier-1 mining jurisdiction in close proximity to several gold processing plants, lying adjacent to Ramelius Resources' Mt Magnet mill.

Previous exploration by Genesis identified an extensive gold system at Barimaia, with historical RC drilling highlighting shallow open pit potential.

Ordell's exploration at Barimaia is targeting new discoveries of a similar style to the Eridanus deposit, which forms part of Ramelius Resources' (ASX: RMS) Mount Magnet gold mining operations (Figure 1). Eridanus lies ~6km north-west of Barimaia and hosts a current Mineral Resource Estimate of 21Mt @ 1.7g/t Au for 1,200,000oz of contained gold², with an additional +300,000 ounces of gold already mined from the open pit.

² Ramelius Resources ASX Release, 13 May 2024, "Eridanus Mineral Resource up 64% to 1.2Moz"

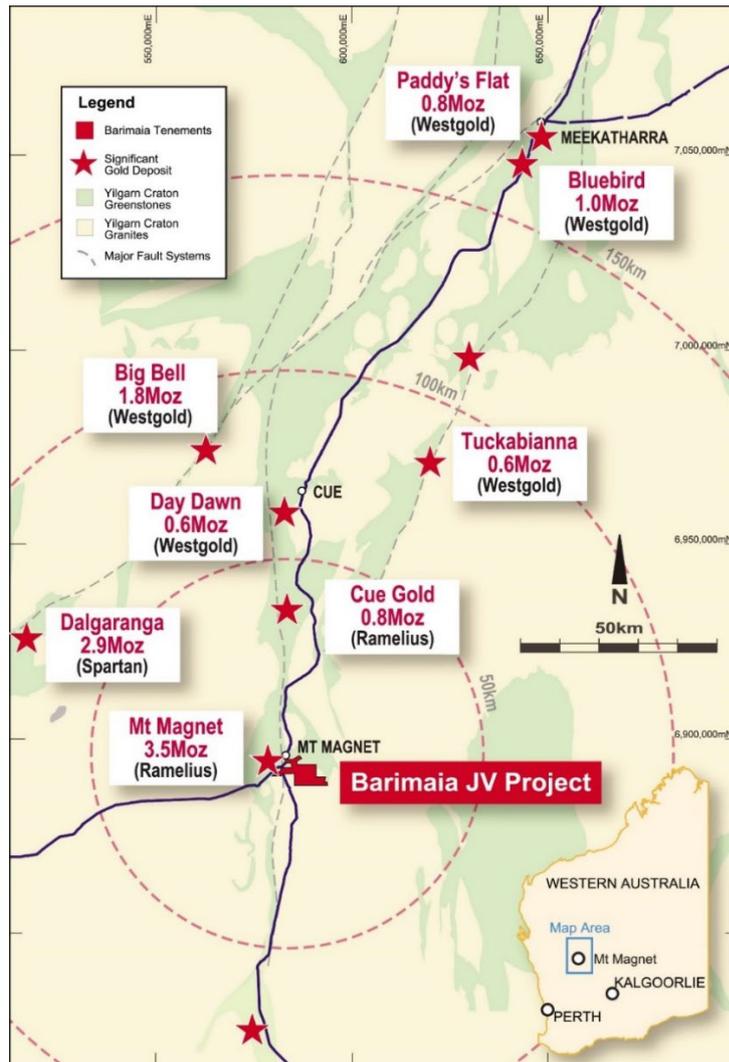


Figure 5. Project location. (see Table 1 for source data for Mineral Resources of Gold Deposits in the Murchison District).

This announcement is approved for release by Michael Fowler, Managing Director for Ordell Minerals Limited.

For more information, visit: www.ordellminerals.com.au or please contact:

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ENDS

Competent Person’s Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Michael Fowler, a Competent Person who is a Member of the AusIMM. Michael is a Director and a shareholder of Ordell. He has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the JORC Code. Michael consents to the inclusion in the Report of the matters based on his information in the form and context in which it appears.

The references in this announcement to Exploration Results were reported in accordance with Listing Rule 5.7 in the following announcements:

- ASX release dated 11 September 2024 “Drilling confirms shallow zones of gold mineralisation at Barimaia Gold Project, WA”
- ASX Release dated 4 November 2024 “Shallow, High-Grade Gold Mineralisation Intersected at Barimaia Gold Project”
- ASX release dated 14 January 2025 “High-Grade Gold Returned in First Diamond Drill Program at Barimaia Gold Project, WA
- ASX Release dated 2 April 2025 “Further Shallow, High Grade Gold Mineralisation Intersected at Barimaia Gold Project, WA”
- ASX Release dated 16 April 2025 “New Zone of Shallow, High-Grade Gold Mineralisation Intersected at Barimaia”
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The Company confirms it is not aware of any new information or data that materially affects the information in the original reports and that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original reports.

Table 1: Mineral Resources of Gold Deposits in the Murchison District.

Mineral Resources									
Deposit	Measured and Indicated			Inferred			Total		
	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (Moz)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (Moz)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (Moz)
Mt Magnet ¹	48.0	1.7	2.67	17.0	1.6	0.87	65.0	1.7	3.50
Cue Gold ¹	6.0	2.6	0.50	5.3	1.8	0.31	10.0	2.0	0.81
Dalgaranga ²	10.6	6.3	2.16	5.3	4.1	0.70	15.9	5.6	2.86
Big Bell ³	12.0	3.2	1.25	5.9	3.1	0.59	17.9	3.2	1.84
Paddy Flat ³	11.0	1.7	0.61	2.6	1.9	0.16	13.6	1.8	0.77
Tuckabianna ³	3.7	2.8	0.34	2.9	2.6	0.24	6.6	2.7	0.58
Bluebird ³	4.7	3.1	0.46	6.0	2.6	0.49	10.7	2.8	0.96
Day Dawn ^{3,4}	1.9	5.4	0.34	1.8	4.35	0.26	3.8	4.9	0.59

1. Ramelius Resources ASX Release, 2 September 2024, “Resources And Reserves Statement 2024”

2. Spartan Resources ASX Release, 2 December 2024, “High-Grade Resource Hits 2.37Moz @ 8.7g/T As Pepper Soars 99% To 873,400oz @ 10.3g/T”

3. Westgold ASX Release, 23 September 2024, “2024 Mineral Resource Estimate And Ore Reserves (Updated)”

4. Westgold - Day Dawn includes Great Fingall and Golden Crown