Drilling Commences at Turpentine Copper-Gold Deposit

Targeting Growth at BTM's Largest Resource

Highlights

- ~4,000m resource expansion drilling program has commenced at the **Turpentine Deposit**, the Company's largest copper-gold deposit within the Hazel Creek Copper-Gold Project (**HCCGP**), North West Queensland.
- Turpentine hosts an Inferred Mineral Resource of **8.7Mt @ 1.16% CuEq (101,000t contained CuEq)** representing more than half of Breakthrough's global NQCGP resource inventory.
- Drilling is targeting northern and down dip extensions to the existing resource, where mineralisation remains open.
- Gravity inversion modelling and magnetics support a north-plunging mineralised system, directly informing the current drill targeting.
- Follow-up drilling will test extensions below and along strike from historic high-grade copper-gold mineralisation, including;
  - **21m @ 1.5% Cu, 0.2g/t Au** from 167m (EHRC0400)
  - **13m @ 2.1% Cu, 1.1g/t Au** from 136m (EHRC221)
  - **11m @ 2.0% Cu, 0.5g/t Au** from 277m (EHDD003)
- A further ~2,500m RC program is planned across Hazel Creek to advance priority targets including Turpentine South, Eight Mile Creek North, Eight Mile Creek East and the SE Offset Prospect.
- BTM's 200kt CuEq Resource remains entirely uncommitted, positioning the Company to benefit from future resource growth and strengthening long-term copper market fundamentals.
- Assay results from the Company's maiden diamond drilling program at the Barbara Copper-Gold Project are expected in the coming weeks

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Breakthrough Minerals Managing Director, Nigel Broomham, commented:

"Turpentine is a cornerstone deposit for Breakthrough, and this program marks an important step in our strategy to grow our North Queensland copper-gold resource base. With over 100,000 tonnes of contained copper equivalent already defined and mineralisation remaining open to the north and at depth, we believe there is significant opportunity to expand the resource through systematic drilling.

"The gravity inversion modelling provides a compelling vector for growth, indicating the mineralised system continues to plunge north beyond the current resource. That gives us confidence that we're drilling in the right place, and we look forward to reporting results as they become available.

"We're also delighted to welcome Jim Yaxley as Exploration Manager. Jim brings extensive North Queensland experience and deep technical expertise across both IOCG and ISCG systems. His appointment significantly strengthens our technical capability as we accelerate exploration across Barbara, Hazel Creek and our broader regional portfolio."

Breakthrough Minerals Limited (ASX: BTM; **Breakthrough** or the **Company**) is pleased to announce the commencement of resource expansion drilling at the Turpentine Deposit, within the Hazel Creek Copper-Gold Project (**HCCGP**), located approximately 100km north of Cloncurry and ~20km from Harmony Gold's (NYSE: HMY) Eva Copper Mine. Turpentine forms part of the Company's North Queensland Copper-Gold Project, which hosts a global Mineral Resource of 18.8Mt @ 1.07% CuEq for 200kt contained CuEq.

The program forms part of Breakthrough's broader ~10,000m 2026 exploration campaign across the North Queensland Copper-Gold Project, following the successful completion of the Company's maiden diamond drilling program at Barbara. Results from Barbara are expected shortly, with drilling now advancing at Turpentine before regional RC programs commence later this year.

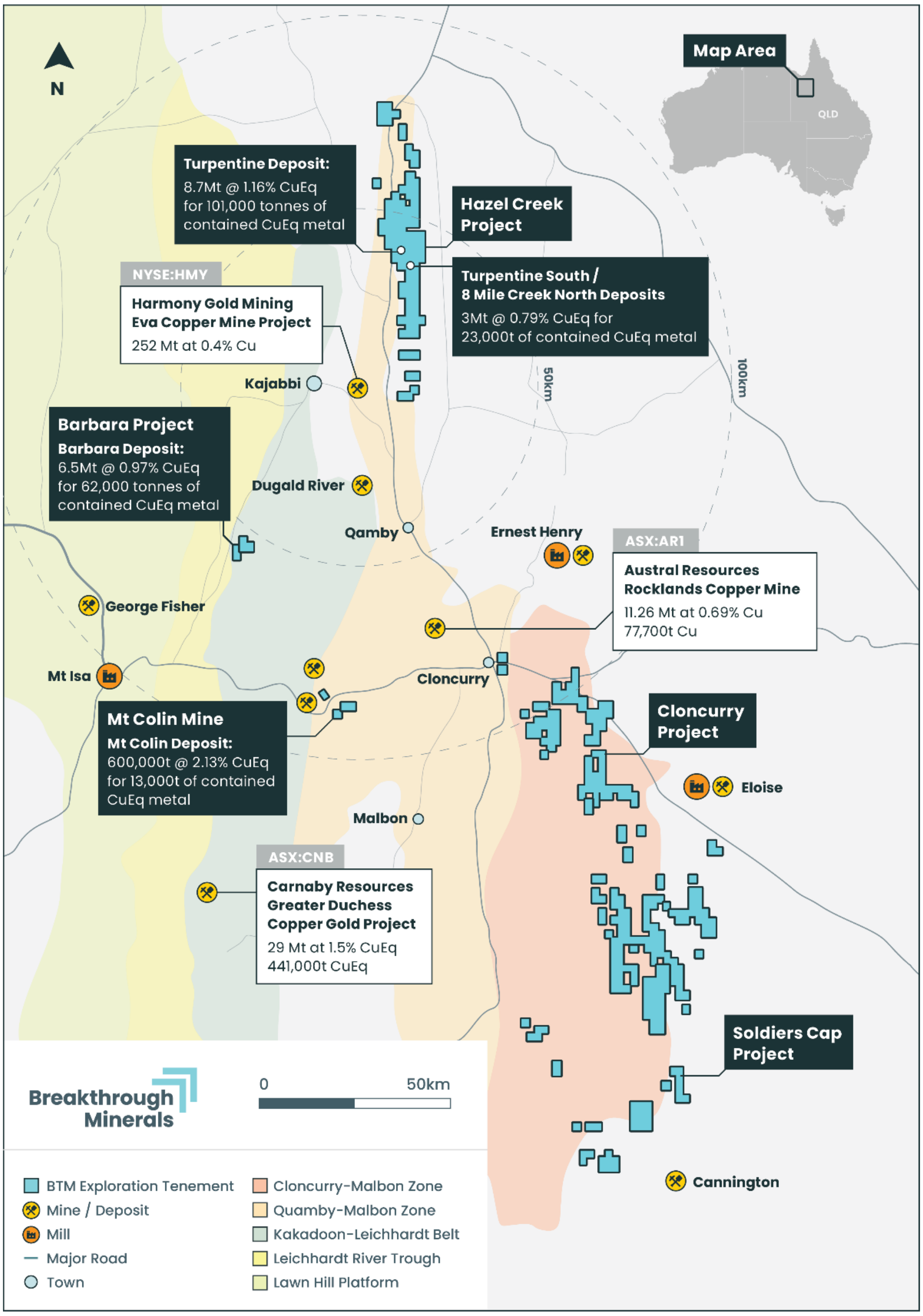


Figure 1: *Queensland Copper-Gold Projects – Mt Isa Region, Queensland*

Hazel Creek Copper-Gold Project

The HCCGP is located approximately 100km north of Cloncurry within the highly prospective Mt Isa Eastern Succession, one of the world's premier Proterozoic copper-gold provinces. The HCCGP hosts the Turpentine Deposit, Breakthrough's largest copper-gold resource, containing more than half of the Company's global 200kt CuEq Mineral Resource inventory. Located only ~20km from Harmony Gold's Eva Copper Project, Hazel Creek is well positioned within an emerging copper production district.

Resource Expansion Drilling — Turpentine Deposit

The Turpentine Deposit is the Company's largest single deposit, hosting a Mineral Resource Estimate of **8.7Mt @ 1.16% CuEq (1.03% Cu, 0.16 g/t Au, 0.34 g/t Ag) for 101,000 tonnes of contained CuEq metal** in the Inferred category (refer to Mineral Resource Estimates in Table 1).

An initial ~4,000m diamond drilling program has commenced targeting extensions of the copper-gold mineralisation to the north and at depth. Mineralisation at Turpentine remains open in both directions, with the program designed to follow up the high-grade historical intersection, including:

- 11m @ 2.0% Cu & 0.5 g/t Au from 277m, including 3m @ 5.1% Cu & 1.3 g/t Au from 277m (EHDD003)

Gravity inversion modelling indicates the mineralised system continues to plunge north beyond the current resource envelope, providing a strong geophysical vector for resource expansion. Drill hole orientations and depths have been designed to directly test this interpreted extension (Figure 2)

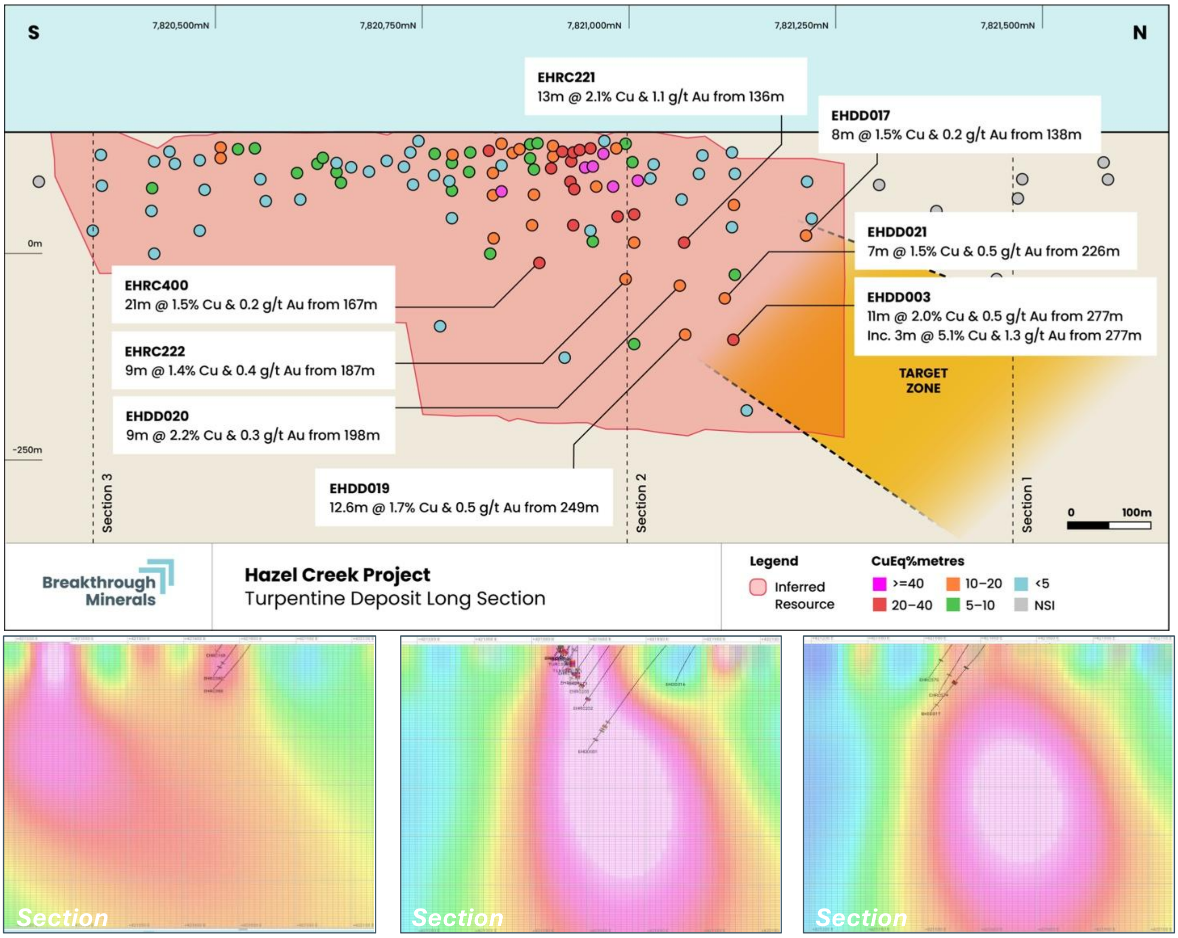


Figure 2: Long projection of the Turpentine Resource highlighting the northern down-plunge target area for the 2026 diamond drilling program. Cross-sections: gravity inversion model providing a strong geophysical vector for resource expansion

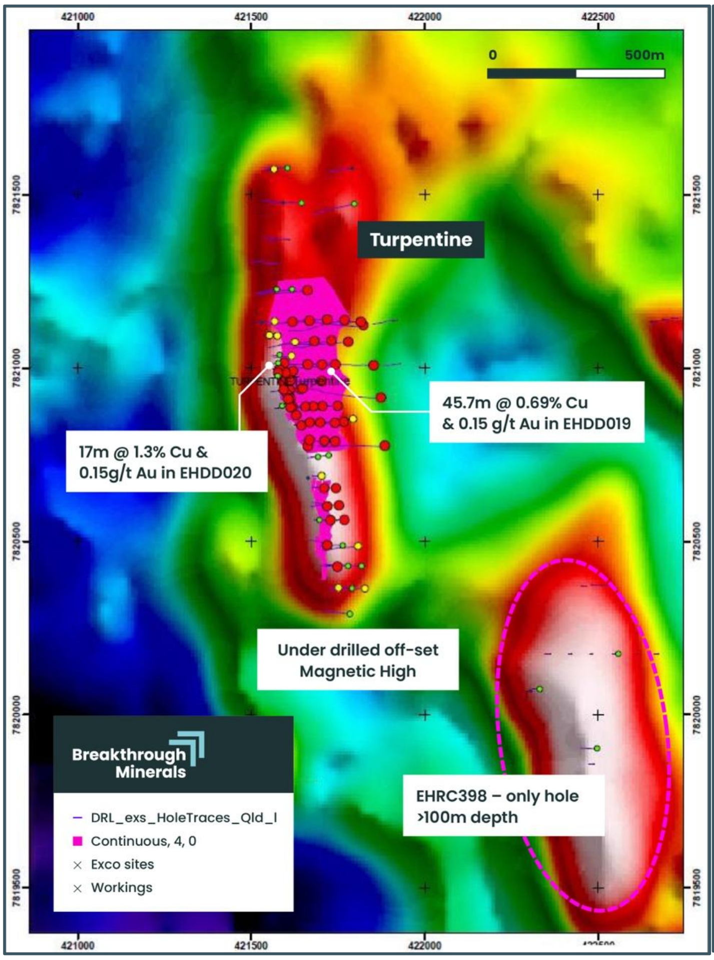
HCCGP Exploration Drilling

In addition to the Turpentine resource expansion program, Breakthrough plans to complete a further ~2,500m RC drilling program targeting several high-priority opportunities across Hazel Creek, including:

- Resource expansion at Turpentine South and Eight Mile Creek North
- Resource definition at Eight Mile Creek East, where drillhole EHRC286 returned **50m @ 0.7% Cu & 0.2 g/t Au** from 86m, with intersections remaining open at depth and along strike
- First-pass testing of the **Turpentine SE Offset Prospect**. A high-priority magnetic anomaly with geophysical similarities to the Turpentine Deposit, only one historical hole drilled to 100m, and a co-incident gravity anomaly and +100ppm Cu soil anomaly
- Follow-up of untested EM targets and geochemical anomalies across the broader project area

Previous exploration[1] at Hazel Creek focused primarily on magnetite-hosted IOCG targets. Numerous electromagnetic conductors, geophysical anomalies and regional exploration targets remain either untested or only partially evaluated, providing Breakthrough with a substantial pipeline of exploration opportunities beyond the current Mineral Resource.

Beyond the existing Mineral Resources, Hazel Creek contains numerous drill-ready regional targets capable of delivering additional resource growth.



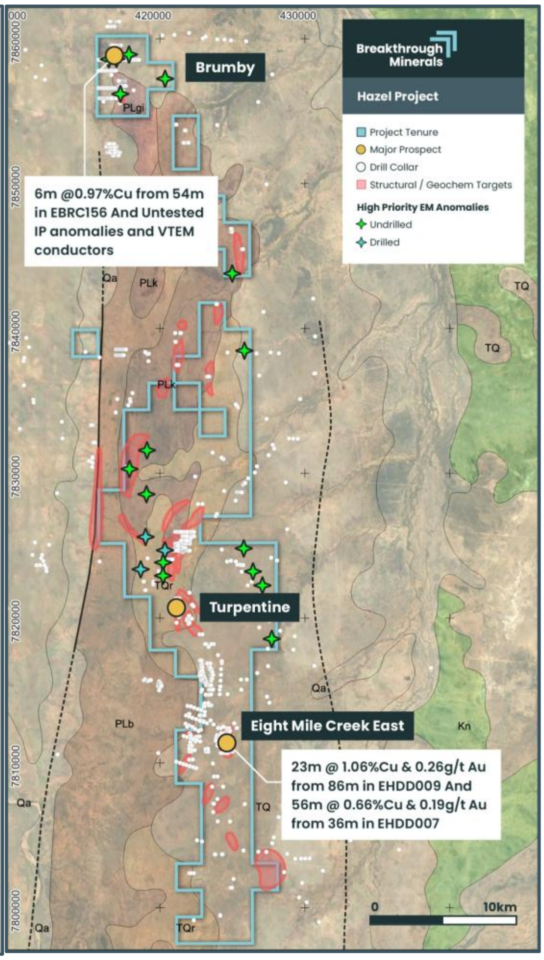


Figure 3: *Turpentine SE Offset Prospect on TMI magnetics.* ***Figure 4:*** *HCCGP with exploration prospects and targets*

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[1] For full details of historic exploration results including JORC tables, please refer to BTM ASX 30 October 2025

Geological Setting

The Hazel Creek Copper-Gold Project is located within the Eastern Succession of the Mount Isa Inlier, one of the world's premier Proterozoic copper-gold provinces and host to numerous world-class Iron Oxide Copper-Gold (IOCG) deposits. The project is situated within the Mary Kathleen Domain where major crustal-scale structures, including the Rose Bee, Quamby and Boomarra fault systems, are interpreted to have focused hydrothermal fluid flow and controlled copper-gold mineralisation.

The Turpentine Deposit is hosted within a sequence of interbedded amphibolite, psammite, gneiss and schist and is interpreted as an IOCG-style system. Copper mineralisation occurs predominantly as chalcopyrite associated with magnetite, amphibole, albite and biotite alteration, with the strongest mineralisation spatially associated with magnetite-rich zones.

The mineralised lode extends for approximately 1.1 km along strike, dips steeply (~75°) to the east and remains open at depth and down plunge to the north. The interpreted plunge of approximately 5–10° is consistent with recent gravity inversion modelling and provides the principal vector for the current resource expansion drilling program.

Appointment of Exploration Manager

Breakthrough is pleased to announce the appointment of **Dr Jim Yaxley** as Exploration Manager, effective **1 July 2026**.

Dr Yaxley is a JORC (2012) Competent Person with more than 20 years' experience across exploration, resource definition and mine geology. He holds a PhD from the Queensland University of Technology and a Bachelor of Science (Economic Geology) from the University of Tasmania.

Dr Yaxley has held senior technical roles with BHP Billiton and Ivanhoe Mines (Chinova), where he gained extensive experience exploring and developing copper-gold systems in North-West Queensland. His expertise includes drill program design and execution, geological modelling, resource estimation and the application of structural geology and geophysics to IOCG and ISCG mineral systems.

Dr Yaxley will lead Breakthrough's North Queensland exploration programs, including the current drilling campaigns at Barbara and Hazel Creek, as the Company continues to execute its strategy of growing its copper-gold resource inventory.

Mineral Resource Estimates

Table 1: *Project Summary of Mineral Resources for North Queensland Copper-Gold Project*

Asset	Resource Category	Tonnes (Mt)	Grade				Contained Metal			
			Cu (%)	Au (g/t)	Ag (g/t)	CuEq (%)	Cu (kt)	Au (koz)	Ag (koz)	CuEq (kt)
Barbara	Measured									
	Indicated	5.8	0.90	0.08	1.55	0.97	52	15	288	57
	Inferred	0.7	0.91	0.06	1.72	0.96	6	1	38	6
	Total	***6.5***	***0.90***	***0.08***	***1.57***	***0.97***	***58***	***16***	***326***	***63***
Mt Colin	Measured	0.2	2.30	0.50		2.71	5	3		6
	Indicated	0.3	1.40	0.30		1.64	4	3		5
	Inferred	0.1	1.60	0.30		1.84	2	1		2
	Total	***0.6***	***1.80***	***0.40***		***2.13***	***11***	***7***		***13***
Turpentine	Measured									
	Indicated									
	Inferred	8.7	1.03	0.16	0.34	1.16	90	46	96	101
	Total	***8.7***	***1.03***	***0.16***	***0.34***	***1.16***	***90***	***46***	***96***	***101***
Turpentine South & Eight Mile Creek North	Measured									
	Indicated									
	Inferred	3.0	0.68	0.13	0.20	0.79	20	12	19	23
	Total	***3.0***	***0.68***	***0.13***	***0.20***	***0.79***	***20***	***12***	***19***	***23***
Total	**Measured**	**0.2**	**2.30**	**0.50**		**2.71**	**5**	**3**		**6**
	Indicated	**6.1**	**0.93**	**0.09**	**1.55**	**1.00**	**56**	**18**	**287**	**62**
	Inferred	**12.5**	**0.94**	**0.15**	**0.39**	**1.06**	**118**	**60**	**153**	**132**
	Total	**18.8**	**0.96**	**0.14**	**0.76**	**1.07**	**179**	**81**	**441**	**200**

Notes:

- Mineral Resource Estimates are reported using a variety of cutoff criteria (NSR) depending on which is best suited to each deposit
- Discrepancy in summation may occur due to rounding
- For full details including JORC tables, please refer to ASX Announcement 30 October 2025

Enquiries

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Forward Looking Statements

This announcement includes forward-looking statements. These statements relate to the Company's expectations, beliefs, intentions or strategies regarding the future. These statements can be identified by the use of words like "will", "progress", "anticipate", "intend", "expect", "may", "seek", "towards", "enable" and similar words or expressions containing same.

The forward-looking statements reflect the Company's views and assumptions with respect to future events as of the date of this announcement and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. Given these uncertainties, no one should place undue reliance on any forward- looking statements attributable to the Company, or any of its affiliates or persons acting on its behalf. The Company does not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Neither the Company nor any other person, gives any representation, warranty, assurance, nor will guarantee that the occurrence of the events expressed or implied in any forward-looking statement will actually occur. To the maximum extent permitted by law, the Company and each of its advisors, affiliates, related bodies corporate, directors, officers, partners, employees and agents disclaim any responsibility for the accuracy or completeness of any forward-looking statements whether as a result of new information, future events or results or otherwise.

Competent Person's Statement

The information in this announcement that relates to Exploration Results is based upon information compiled by Dr Jim Yaxley, who is a Member of the Australian Institute of Geoscientists (AIG Member #7389) and serves as Exploration Manager of Breakthrough Minerals. Dr Yaxley has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the December 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Dr Yaxley consents to the inclusion in the announcement of the matters based upon the information in the form and context in which it appears.

Mineral Resource Estimates

The Mineral Resource Estimates referred to in this announcement (Table 1) were first reported in the Company's ASX announcement dated 30 October 2025. The Company confirms it is not aware of any new information or data that materially affects the information included in that original announcement, and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

Metal equivalents statement

Metal equivalents have been calculated using the formula CuEq = [Cu grade /100 / 0.912 Cu Recovery * $9773) +(Au grade * 0.686 Au Recovery * $3300/31.1034) / (0.912 Cu Recovery * $9773) * 100]. Prices of USD9,773/t for Cu, USD3,300/oz for Au and recoveries Cu 91.2% and Au 68.6%. It is the competent person's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.