

Gold Exploration Commences at the Errolls Gold Project

Soil sampling program targeting the western trend commences prior to initial drilling program

Highlights

- Fieldwork has commenced at the Errolls Gold Project in the Murchison Region of Western Australia.
- Initial soil sampling to be completed across the western magnetic trend.
- RC drilling expected to commence in early August, once final approvals are received, with program to follow up **shallow high grade** gold mineralisation, including¹:
 - **22m @ 7.46g/t Au from surface**, incl. 5m @ 31.76g/t Au and 3m @ 51.85g/t Au, and
 - **11m @ 6.88g/t Au from 14m**, incl. 6m @ 12.3g/t Au
- Aircore drilling program will also be undertaken to explore the northern extension of the mineralized trend in an area absent of any previous exploration.

Breakthrough Minerals (ASX: **BTM** “**Breakthrough**” or “the **Company**”) is pleased to announce the commencement of field exploration at the Company’s 100% owned Errolls Gold Project in the Murchison Region of Western Australia (Figure 1).

Initially field work will concentrate on collection of surface samples over the interpreted western magnetic feature that trends to the northwest and roughly parallels the main Youanmi Shear Zone which hosts the known mineralisation in the Barrambie Greenstone Belt (Figure 2). It is expected that the sampling will be completed in the next 10 days and results to follow thereafter.

The planned drilling program is due to commence once the final statutory requirements are completed, and the Company expects this program to be underway in early August. The drilling will have a dual focus, firstly on the southern extension of the known mineralisation at the Errolls Legacy Prospect, and secondly on exploring new targets in the northern part of the project on the extension of the Youanmi Shear Zone. Figure 3 shows the intended soil sampling traverses and also the proposed drill areas while Figure 4 shows the long projection of Errolls Legacy and the opportunities for additional gold mineralisation.

Breakthrough’s Executive Director, Peretz Schapiro commented

“We are delighted to be underway with fieldwork at the Errolls Gold Project, wasting no time at all following the completion of the acquisition to getting boots on the ground. The exploration team has a wealth of historical data to guide the field program and we are excited to start to build our understanding of this highly prospective asset.”

¹ BTM ASX Announcement 31 March 2025 – Breakthrough Secures High Grade WA Gold Project

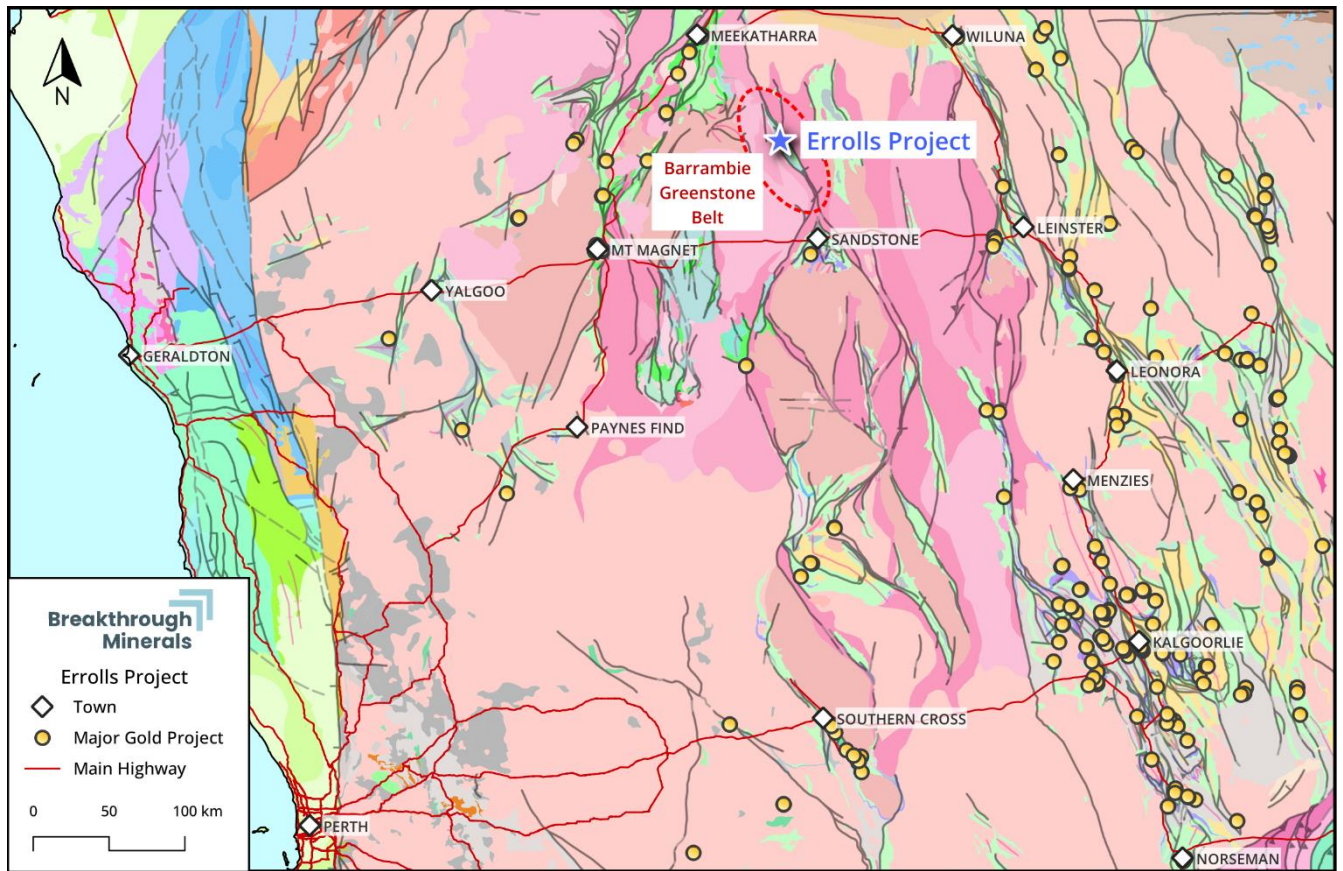


Figure 1: Regional location of the Errolls Gold Project in the Murchison Region of Western Australia

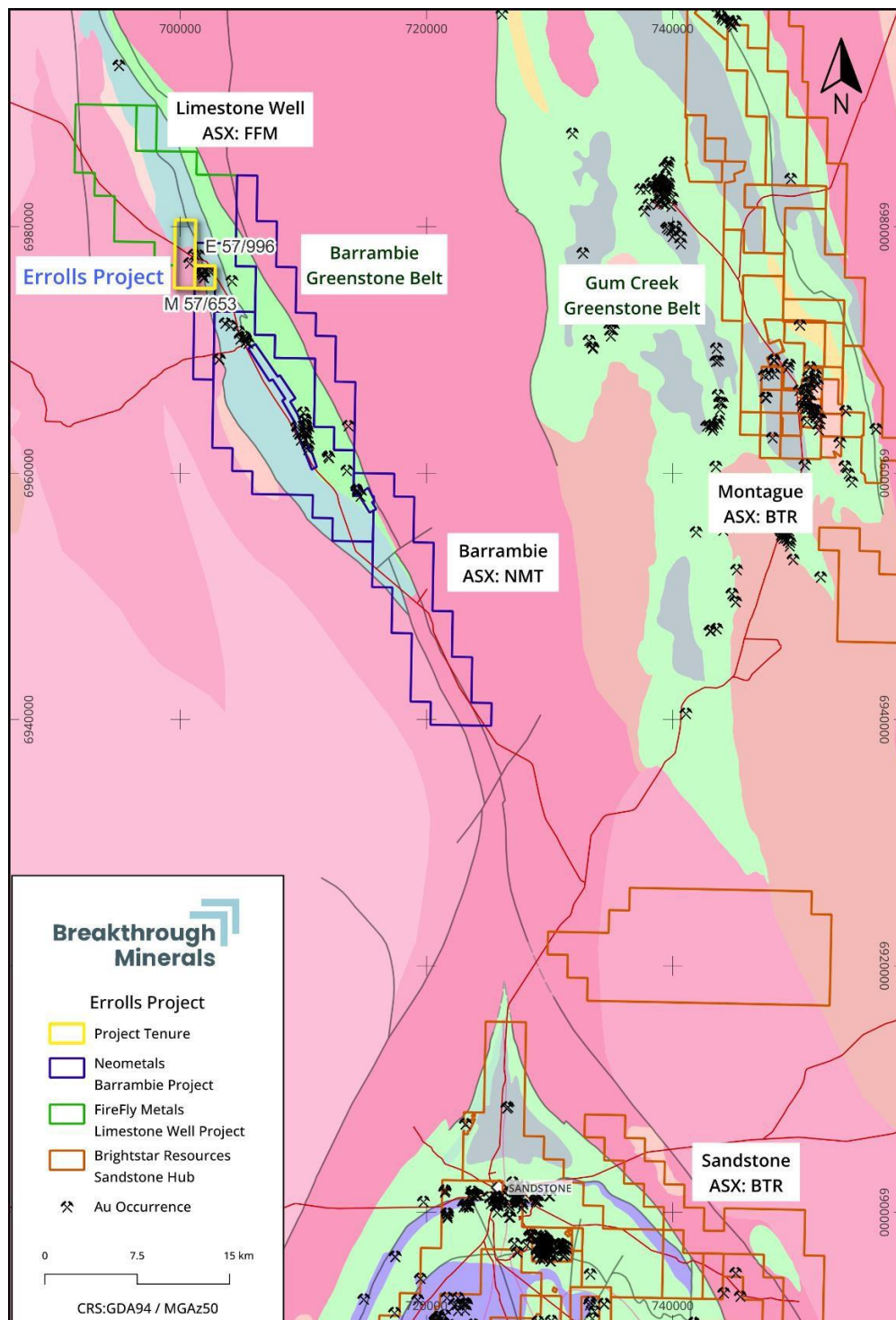


Figure 2: Barrambie Greenstone Belt showing Errolls with Sandstone to the south over GSWA 1:500k geology

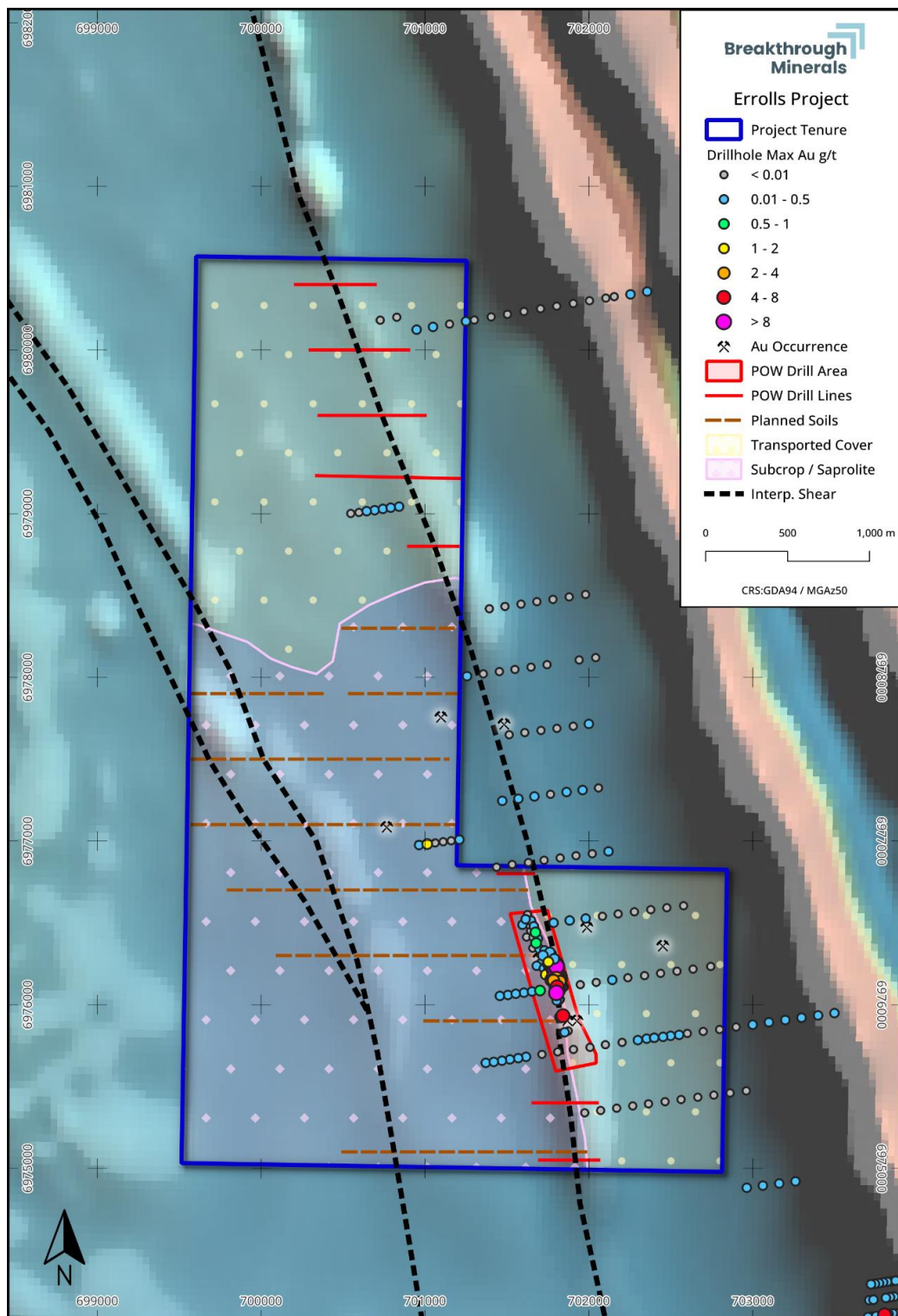


Figure 3: Project plan showing drill collars coloured by maximum downhole gold, soil sampling lines and areas of drilling focus

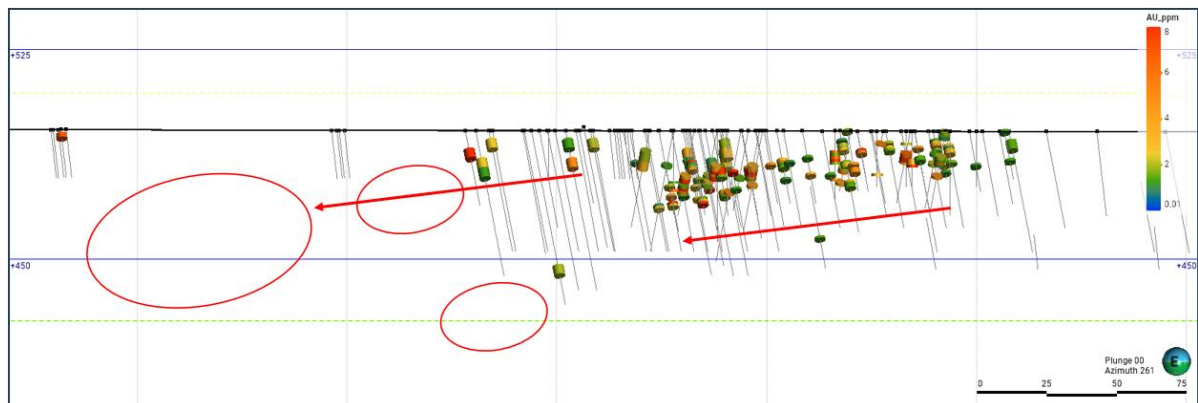


Figure 4: Errolls Legacy Prospect Long Section (looking west) with red circles indicating drill target areas

Errolls Gold Project - Background

The Errolls Gold Project is situated within the Barrambie Greenstone Belt which lies midway between Sandstone and Meekatharra in the Murchison region of Western Australia (Figure 2).

The project itself straddles the contact between granite in the west and Archean greenstone in the east. Outcrop over the tenement is poor with only sparse scattered granite outcrops in the west. A major floodway strikes NNW through the tenement along the position of the granite – greenstone contact which is interpreted to be a major shear zone (Youanmi Shear Zone). Mineralised quartz veins outcrop along this sheared contact at the Errolls Mining Centre with the most substantial being Errolls Legacy Prospect (Figure 3)

Massive quartz veins which are exposed at surface for 300m trending in a NNW direction, have a relatively flat dip (~30o) to the west and are up to 8m wide in places but narrow at depth. The veins are described as being “lenticular in habit with patchy grades”. Occasional flat lying veins branch off from the main on the footwall side and can run up to 24m east of the main trend. These are generally up to 1m thick but can reach 3 meters and can carry spectacular grades of up to 50g/t Au. Table 1 shows selected drill intersections associated with the Errolls Legacy Prospect.

Table 1: Selected RC drill intersections from Errolls Legacy Prospect

Hole ID	Hole Type	Hole Length (m)	Cut-off (g/t)	From (m)	To (m)	Width (m)	Au (g/t)	GM
ER046	RC	35	0.2	14	34	20	2.74	54.8
		incl.	0.5	14	20	6	7.24	43.4
		incl.	3	16	19	3	13.26	39.8
ER047	RC	35	0.2	15	25	10	9.78	97.8
		incl.	0.5	15	23	8	12.17	97.4
		incl.	3	16	19	3	29.6	88.8
ER060	RC		0.2	14	25	11	6.88	75.7
		incl.	0.5	14	20	6	12.3	73.8
ER064	RC	35	0.2	11	35	24	1.86	44.6
		incl.	0.5	18	27	9	4.33	39.0
		incl.	3	18	21	3	6.55	19.7
		incl.	3	23	25	2	7.1	14.2
ER082	RC		0.2	0	22	22	7.46	164.1
		incl.	0.5	8	13	5	31.76	158.8
		incl.	3	9	12	3	51.85	155.6
ER099	RC		0.2	13	21	8	5.14	41.1
		incl.	0.5	14	20	6	5.92	35.5
		incl.	6	16	18	2	10.14	20.3

Table 2: Drill Collar Details for Selected RC drill Holes from Errolls Legacy Prospect

Hole ID	Company	Easting	Northing	Elevation	Depth (m)	Dip (°)	Azimuth (°)
ER046	Samson	701793	6976160	496	35	-60	62.5
ER047	Samson	701789	6976170	496	35	-60	62.5
ER060	Samson	701808	6976166	496	25	-60	242
ER064	Samson	701804	6976155	496	35	-60	242
ER082	Samson	701803	6976233	496	30	-60	242
ER099	Samson	701806	6976179	496	25	-60	242

ENDS:

This release is approved by the Board of Breakthrough Minerals Limited

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No New Information

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the market announcements continue to apply and have not materially changed. The Company confirm that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

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