

DRILLING RECOMMENCED AT DUKETON GOLD PROJECT

Highlights

- **Drilling has commenced at the Amy Clarke prospect**, within the Company's 100% owned Duketon Gold Project, where shallow aircore drilling and soil geochemistry has defined a ~5 km surface gold anomaly¹.
- Drilling was last conducted at Amy Clarke in 2021, where drill intercepts from broad spaced holes included:
 - **8 m at 6.73 g/t Au from 32 m, including 4 m at 12.5 g/t Au** in 21ACAC147
 - **4 m at 2.13 g/t Au from surface** in 21ACAC038
- Approximately **7,000 metres of air core drilling is planned** for Amy Clarke, covering an area greater than 6 kilometres in length along geochemical anomalies and key structural targets.
- The Amy Clarke air core program is the first phase of the **12,000 to 15,000 metres** planned drilling program for the half year ending December 2025, designed to accelerate gold exploration and resource development at the Duketon Gold Project.
- The next phase will comprise Reverse Circulation (RC) drilling at the Golden Boulder prospect, where previous programs have defined contiguous gold mineralisation over a ~650 m strike and gold anomalism for up to 1.6 km. A further ~1.4 km of prospective strike remains untested to the south. Better results from recent drilling campaigns include²:
 - **5 m at 14.57 g/t Au from 41 m, including 1 m at 70.94 g/t Au** in hole 25GBRC009
 - **3 m at 4.80 g/t Au from 18 m, including 1 m at 12.45 g/t Au** hole 24GBRC0007
 - **4 m at 5.64 g/t Au from 63 m, including 2 m at 9.89 g/t Au** in hole 24GBRC0005

GSN's Managing Director, Matthew Keane, commented:

"After a four-year hiatus, it is exciting to be back drilling at the Amy Clarke prospect, targeting a significant long-striking gold anomaly. With mineralisation still at an early stage of understanding, this program will be pivotal in shaping our knowledge and future direction."

"With high-impact exploration advancing across both Duketon in WA and Edinburgh Park in Qld, the coming year will be one of our most active yet. The Company is well capitalised to execute budgeted FY26 exploration programs, underpinned by the receipt of A\$4 million in upfront cash from a recent asset sale and a further A\$5 million in contingent future payments".

¹ Refer to GSN ASX announcement dated 17 January 2022

² Refer to GSN ASX announcement dated 20 March 2025 and 8 October 2024

Amy Clarke drilling underway

Great Southern Mining Limited (ASX: GSN) has planned ~7,000 metres of air core drilling program over a strike length of ~6 kilometres at the Amy Clarke prospect. This drilling will test key structural and geochemical targets.

Amy Clarke sits in a high strain structural zone with overprinting sericitic alteration associated with shearing and related folding. An extensive gold-bismuth-lithium-tungsten surface geochemical anomaly extends from the northern tenement boundary for approximately five kilometres south (Figure 2). This anomaly is interpreted to lie on the same structural trend that hosts Regis Resources' Eristoun open pit mine (320 koz gold) located approximately 3.5 kilometres to the north. Broad spaced aircore drilling in 2021 defined two mineralised gold trends with better intercepts including:

- 8 m @ 6.73 g/t Au from 32 m including 4 m @ 12.5 g/t Au in 21ACAC147
- 4 m @ 2.13 g/t Au from surface in 21ACAC038
- 4 m @ 1.23 g/t Au from surface in 21ACAC055

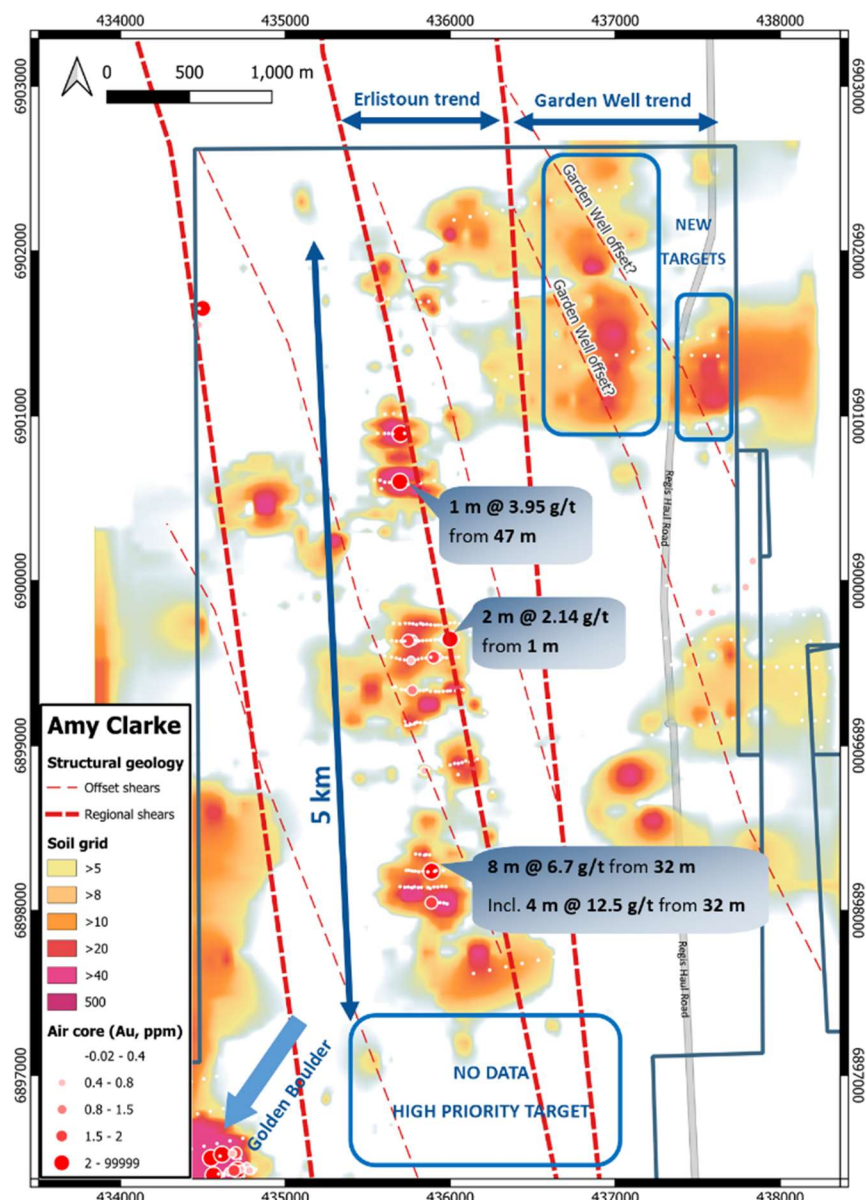


Figure 2. Amy Clarke prospect showing gold soil geochemical anomalies and selected drill intercepts

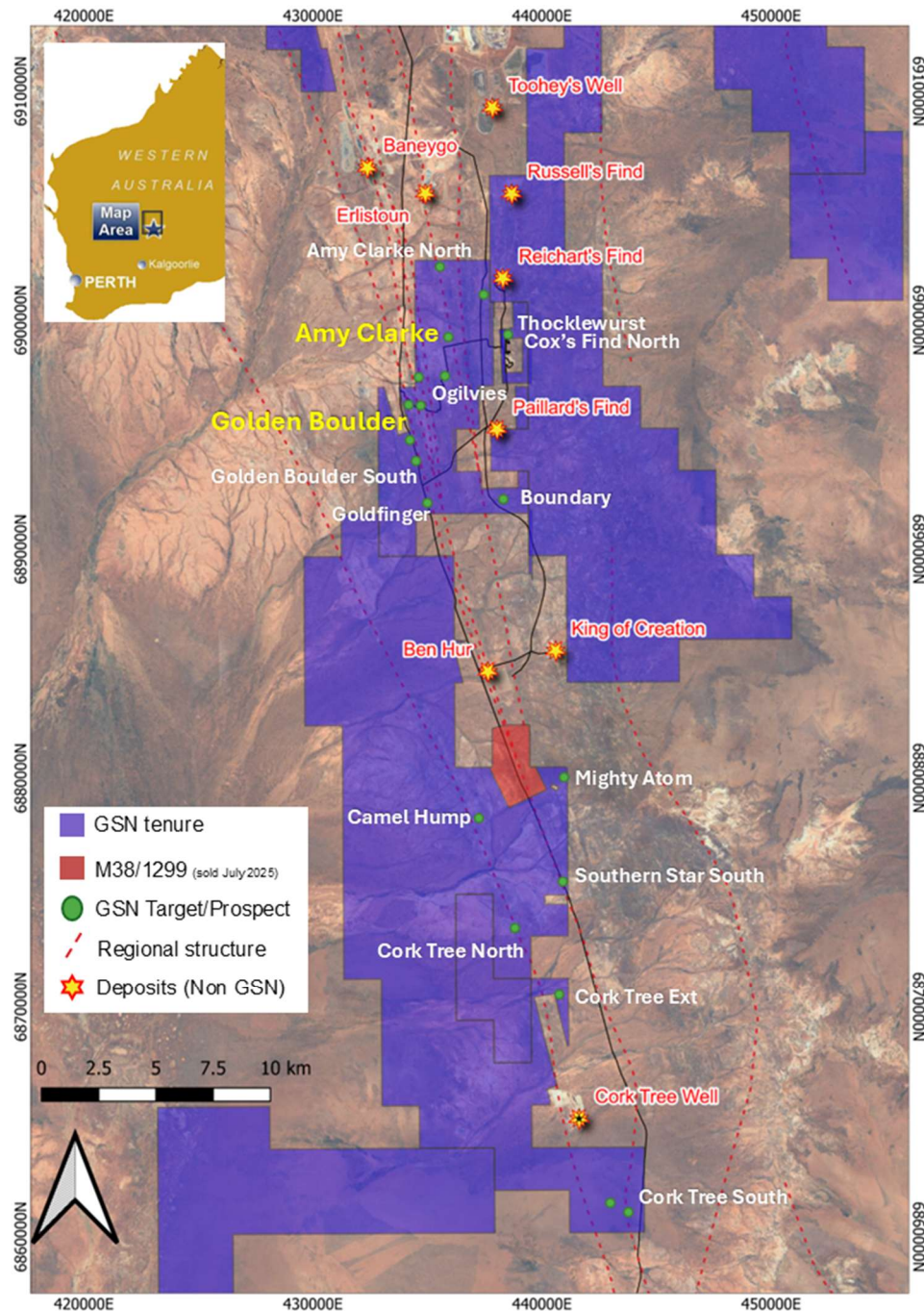


Figure 3. Tenure map of Great Southern Mining's Duketon Gold Project showing key prospects, Amy Clarke and Golden Boulder in yellow.

About Great Southern Mining

Great Southern Mining Limited is a leading Australian listed exploration company. With significant land holdings in the world-renowned mining districts of Laverton in Western Australia and Mt Carlton in north Queensland, all projects are located within 40 km of operating mills and major operations.

The release of this ASX announcement was authorised by the Managing Director on behalf of the Board of Directors of the Company.

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Competent Person's Statement

The information in this report that relates to exploration results at the Edinburgh Park Project is based on, and fairly represents, information and supporting documentation compiled and/or reviewed by Ms Rachel Backus. Ms Backus is an employee of Great Southern Mining Limited. She has sufficient experience relevant to the assessment and of this style of mineralisation to qualify as a Competent Person as defined by the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)". Ms Backus consents to the inclusion in this report of the matters based on the information in the form and context in which they appear.

Forward Looking Statements

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