DRILLING UNDERWAY AT THE EMERGING AMY CLARKE DISCOVERY

- **An 18 hole (~2,300m) Reverse Circulation (RC) drilling program has commenced at the emerging Amy Clarke discovery, part of the Duketon Gold Project located in the Laverton District of Western Australia**
- This is the maiden RC program at Amy Clarke, where 2021 and 2025 air core drilling defined significant gold mineralisation over a 4.7km strike. Notably, drilling to date has rarely penetrated below 50m from ground surface.
- Better intercepts from previous air core drilling programs include:
  - **17m at 1.4 g/t Au from 20m**, including **1m at 11.2 g/t Au and 4m at 2.2 g/t Au** in hole 25ACAC0105
  - **8m at 6.7 g/t Au from 33m**, including **4m @ 12.5 g/t Au** in hole 21ACAC147
  - **3m at 5.7 g/t Au from 8m** and 1m at 3.2 g/t Au from 37m in hole 25ACAC0132
  - **2m at 23.9 g/t Au** from 10m in hole 25ACAC0007
  - **11m at 1.2 g/t Au** from 25m, including 6m at 1.7 g/t Au in hole 25ACAC0057.
- Amy Clarke is located approximately 12km south of Regis Resources' Garden Well processing facility and approximately 3.5km directly south of Regis Resources' Erlistoun gold mine, in the Duketon Gold Belt
- **Assays are pending for 16 holes (3,089m) drilled at the Mon Ami Gold Project**, located 12km south of the town of Laverton. Results are imminent[1].
- **Assays are also pending for 38 holes (4,726m) completed at the northern 1.1km of the Golden Boulder discovery**, located in the Duketon Gold Project. Results are expected in the coming weeks[2].
- **A further 68 holes are planned for the Golden Boulder area**, which will be drilled after Amy Clarke
- **Diamond drilling is also underway at the Mt Dillon target within the Edinburgh Park Project** in northern Queensland. This drilling will initially comprise up to 1,300m and is being funded and managed by G-Ex Resources, a wholly owned subsidiary of Gold Fields Ltd[3].

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[1] Refer to GSN ASX announcement dated 24 June 2026

[2] Refer to GSN ASX announcement dated 13 July 2026

[3] Refer to GSN ASX announcement dated 23 July 2026

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Figure 1. RC drill rig on site at the emerging Amy Clarke discovery, within Great Southern Mining's 100% owned Duketon Gold Project.

Duketon Gold Project – Amy Clarke maiden RC drilling program underway

Great Southern Mining ("GSN" or the "Company") is pleased to advise that a maiden RC drilling program has commenced at the emerging Amy Clarke discovery, within the Company's 100% owed Duketon Gold Project in Western Australia (see Figure 4 below). Drilling will initially comprise 18 holes for approximately 2,300m.

Systematic exploration by the GSN team has defined shallow intercepts greater than 1.0 g/t gold over a strike length of 4.7km (Figures 2 and 3). Prior to the tenement being granted in 2021, very little historic exploration had been conducted, and unlike many defined deposits in the Duketon Belt, there are no historical shafts or workings. Targets at Amy Clarke were first defined by comprehensive surface geochemistry, mapping and structural interpretation from geophysical surveys. This was followed up by two aircore drilling programs in 2021 and 2025.

Better intercepts from previous air core drilling include[4]:

- 17m at 1.4 g/t Au from 20m, including 1m at 11.2 g/t Au and 4m at 2.2 g/t Au in hole 25ACAC0105;
- 8m at 6.7 g/t Au from 33m, including 4m at 12.5 g/t Au in hole 21ACAC147
- 3m at 5.7 g/t Au from 8m and 1m at 3.2 g/t Au from 37m in hole 25ACAC0132
- 2m at 23.9 g/t Au from 10m in hole 25ACAC0007
- 1m at 10.3 g/t Au from 32m in hole 25ACAC0138
- 2m at 2.9 g/t Au from 9m (within a broader zone of 11m at 0.7 g/t Au from surface) in hole 25ACAC0144
- 11m at 1.2 g/t Au from 25m, including 6m at 1.7 g/t Au in hole 25ACAC0057

[4] Refer to ASX announcements dated 6 November 2025 and 15 December 2025

RC holes have been designed to step out along strike and at depth below zones of higher-grade mineralisation identified from air core drilling. The key objectives of this program are to define the orientation and better understand the controls on gold mineralisation.

GSN made the decision to commence Amy Clarke drilling before the completion of Golden Boulder to expedite results for potential follow-up drilling at Amy Clarke whilst the drill rig is on site. Approximately 1.1km of the 3.5km mineralised strike at Golden Boulder has been drilled under the current program. Assays for the 38 holes (4,726m) completed holes are expected in the coming weeks. The remaining holes in the Golden Boulder area will be drilled after Amy Clarke.

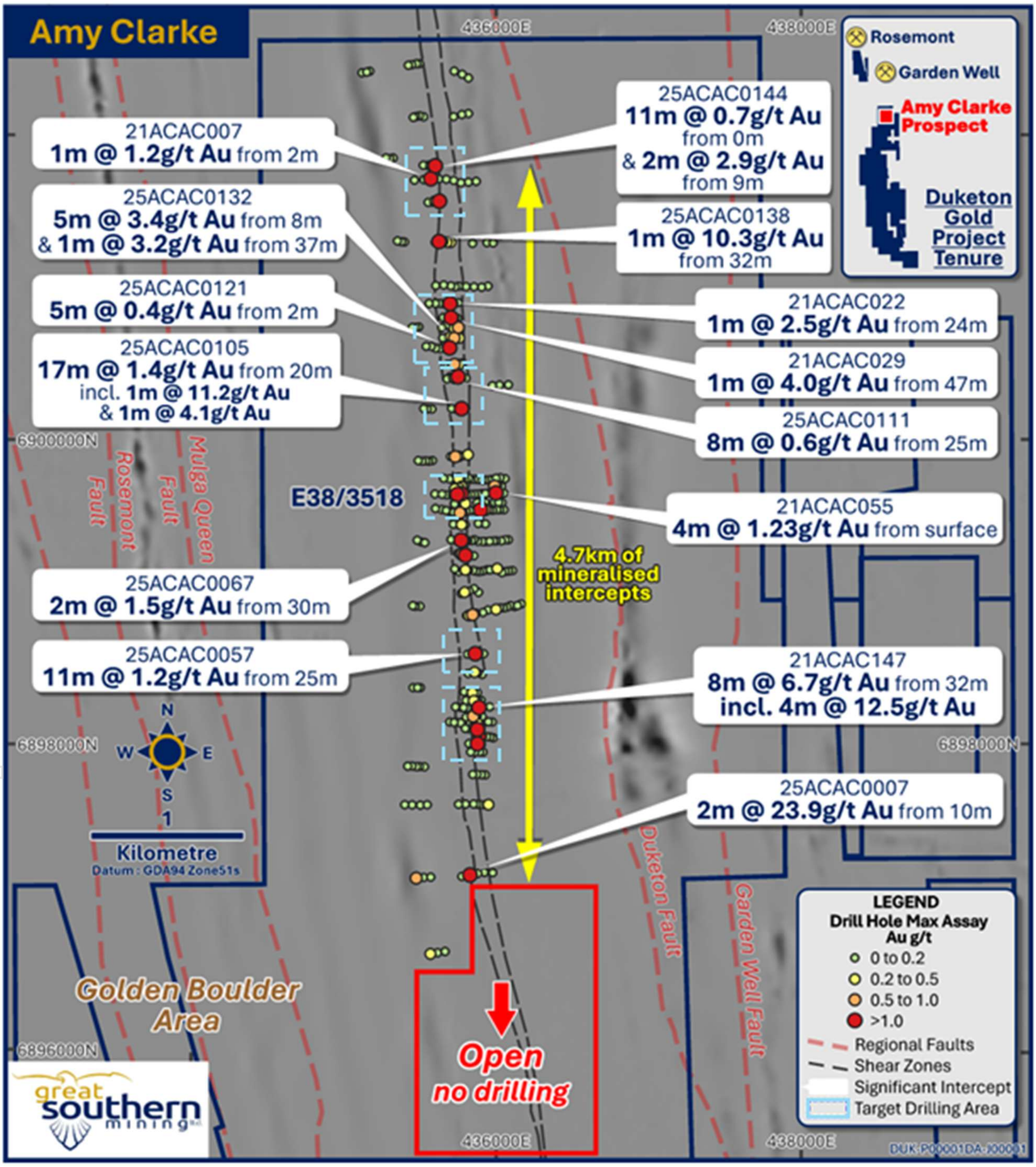

Figure 2. Map of the Amy Clarke prospect showing key mineralised trends, significant faults, and previous air core drill intercepts.

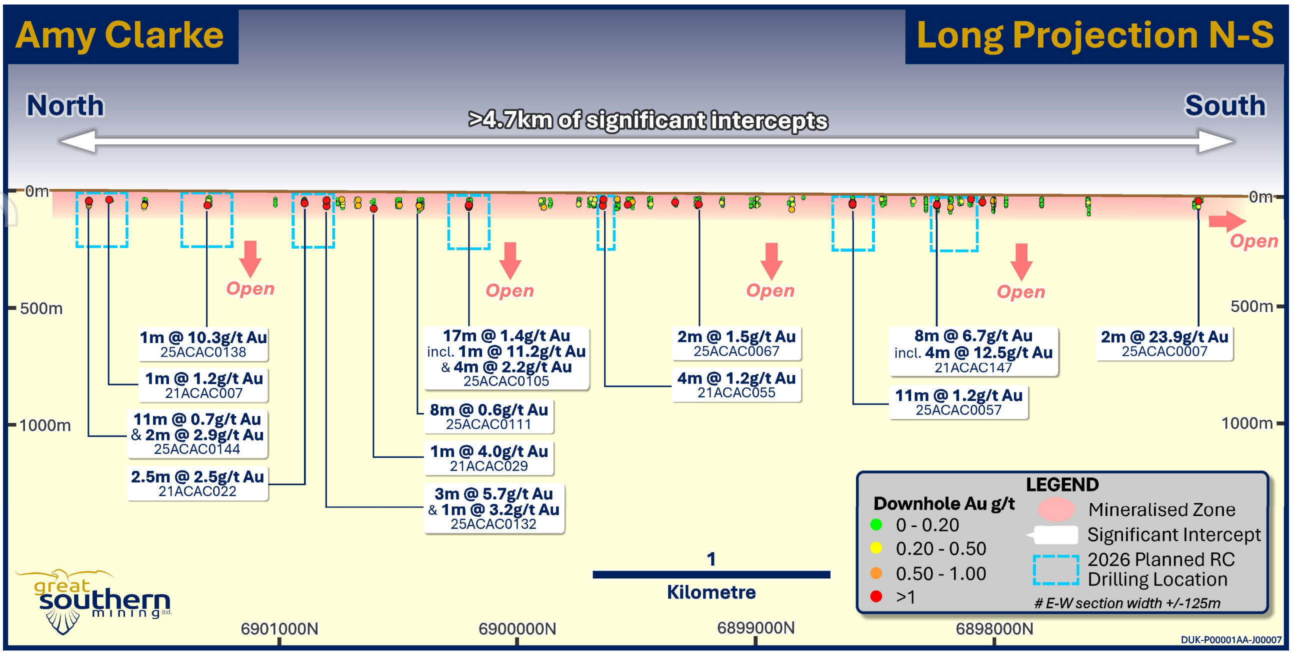

Figure 3. Long projection of the 4.7km mineralised strike of the Amy Clarke prospect showing significant drill intercepts from previous drilling and areas to be targeted in the upcoming RC drilling program.

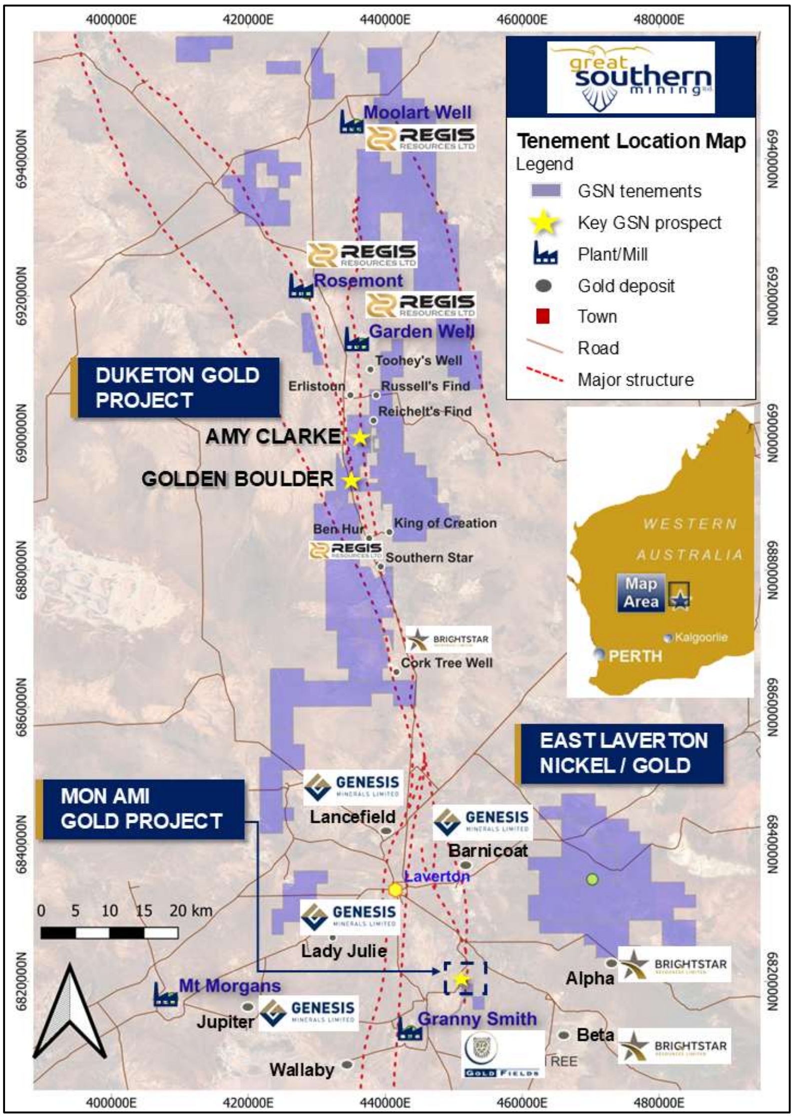

Figure 4. Map of Great Southern's tenure in the Laverton District of Western Australia, incorporating the Duketon Gold, Mon Ami and East Laverton projects.

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 the northern Queensland gold fields, all projects are located within 40km of operating mills and major operations.

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The release of this ASX announcement was authorised by 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 Duketon Gold Project, Mon Ami Gold Project and Edinburgh Park Project is based on, and fairly represents, information and supporting documentation compiled and/or reviewed by Mr Matthew McCarthy. Mr McCarthy is an employee of Great Southern Mining Limited. He 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)". Mr McCarthy 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

Forward- looking statements are only predictions and are not guaranteed. They are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of the Company. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to differ from those referred to in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward- looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, the Company, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will occur as contemplated.