

TUMBLEGUM SOUTH GOLD PROJECT UPDATE

Highlights

- Drill pad clearing for infill and extensional drilling at the Tumblegum South Gold Project starting this week
- Mining works approvals progressing with:
 - Geotechnical characterisation and slope stability assessments underway
 - Gap analysis completed for mining feasibility study
 - Surface and ground water studies underway
 - Environmental report underway
- Drilling to commence mid-June

Star Minerals Limited (ASX: SMS, “the Company” or “Star Minerals”) is pleased to provide a project update for the Tumblegum South Gold Project.

Following the appointment of mine approval process consultant ResourcesWA,¹ key elements of the mining works approval are being evaluated. This work involves all studies and information that is required for the mining approvals.

Managing Director, Ashley Jones commented: *“We are making strong progress through the steps required to commence mining at the Tumblegum South Gold Project. ResourcesWA are advancing the approvals, including undertaking a mining feasibility study. Drilling will commence in June, with site preparation starting this week.”*

The infill drill program, which is part of a larger drilling program,² will also generate some of the sample required for waste material classification required to define the waste dumps and mine closure plans.

Infill drilling aims to increase existing mineral resource confidence and there are additional holes planned for extensional drilling to the northwest of the proposed pit location similar structural targets.

Figure 1 shows the Tumblegum South Gold Project location at the bottom of the photo, with historic pits along strike, and Figure 2 shows the structural interpretation and priority target

The Company will provide a further update when drilling commences.

¹ See ASX announcement dated 12 May 2025 ‘Mine Approval Process Consultant Appointed’

² See ASX announcement dated 14 May 2025 ‘Programme of Work Approved for Drill Program’



Figure 1 - Tumblegum South Gold Project location and historic pits along strike

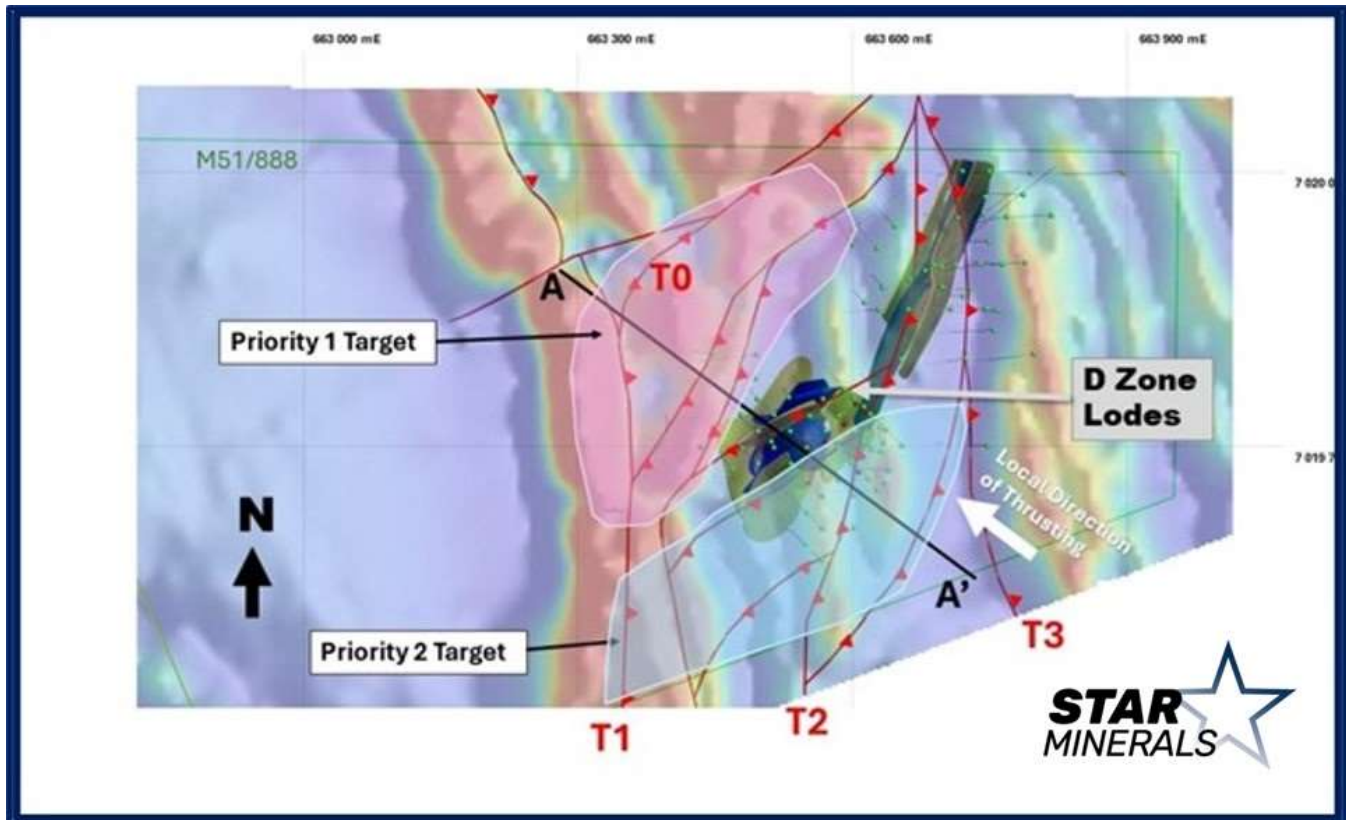


Figure 2 - Structural interpretation of near surface duplex, with targets for additional drilling

For further information contact:

Ashley Jones, Managing Director

This announcement has been approved for release by the Board

ABOUT STAR MINERALS

Star Minerals is primarily focused on the development of the Tumblegum South Gold Project, aiming to bring the project into production in early 2026. Free cashflow will capitalise on gold prices sitting significantly higher than the prices used in the Updated Scoping Study.³ An MOU has been signed with MEGA Resources for mine development and mining.⁴ ResourcesWA has been appointed to undertake the mine approvals process.⁵

At gold prices from A\$3,000 to A\$3,800/oz, the updated Production Target for the Tumblegum South Gold Project (**Updated Production Target**) ranges from approximately:

- **167kt @ 2.43g/t producing 11.8koz gold, to**
- **255kt @ 2.16g/t producing 15.9koz gold**

The Updated Production Target generates an undiscounted accumulated cash surplus after payment of all working capital costs, but excluding pre-mining capital requirements, of approximately **A\$9.4M to A\$19.6M**.

Mining is contemplated as a single campaign over approximately 18-months. Pre-mining capital and start-up costs are estimated to be approximately **A\$0.7M to A\$1.5M**.

Sensitivity of the base case scenario to gold price was assessed. Results suggest that project economics are robust for a broad range of gold prices.

MINERAL RESOURCE ESTIMATE

Project Area	Resource Category	Weathering	Tonnes (kt)	Grade (g/t Au)	Gold ounces (koz)
Tumblegum South	Indicated	Transitional	25	2.99	2
		Fresh	312	2.48	25
		Subtotal	337	2.52	27
	Inferred	Transitional	40	1.76	2
		Fresh	239	2.03	16
		Subtotal	279	1.99	18
Total			616	2.28	45

Tonnages are dry metric tonnes. Minor discrepancies may occur due to rounding.

³ See ASX announcement dated 20 May 2024 'Positive Updated Scoping Study for Tumblegum South Gold Project'

⁴ See ASX announcement dated 1 April 2025 'Star Minerals Signs MOU with Mining Contractor to Advance Tumblegum South Gold Project'

⁵ See ASX announcement dated 12 May 2025 'Mine Approval Process Consultant Appointed'

COMPLIANCE STATEMENTS

The information in this announcement that relates to exploration results is based on information compiled by Mr Ashley Jones, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and is a Director of Star Minerals Limited. Mr Jones 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Jones consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The information in this announcement relating to the current resource estimate for the Tumblegum South gold deposit is extracted from the Company's announcement 'Tumblegum South Mineral Resource Update' dated 29 May 2023 and is available to view on the Star Minerals' website, www.starminerals.com.au.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement. The estimated mineral resources underpinning the Production Target have been prepared by the Competent Person in accordance with the requirements of the JORC Code (2012).

The information in this report that relates to the Open Pit Mining Scoping Study for Tumblegum South and to the Production Target derived from the Scoping Study is based on information compiled by Mr Jake Fitzsimons, a Competent Person who is a Member or Fellow of The Australian Institute of Mining and Metallurgy and a full time employee of Orelogy Pty Ltd. Mr Fitzsimons 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 "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves". Mr Fitzsimons consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

FORWARD LOOKING STATEMENTS

This announcement contains forward-looking statements which are identified by words such as 'may', 'could', 'should', 'believes', 'estimates', 'targets', 'expected', or 'intends' and other similar words that involve risks and uncertainties. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this announcement, are considered reasonable. Such forward-looking statements are not a guarantee of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and the management. The Directors cannot and do not give any assurance that the results, performance, or achievements expressed or implied by the forward-looking statements contained in this announce will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements.