

Drilling Begins on High-Grade Gold & Silver Targets

HIGHLIGHTS

- Assay grades up to 17,600g/t Ag and 83.6g/t Au recently confirmed high-grade silver and gold discoveries at Tarcoola’s ‘Tolmer’ prospect; Mar / Apr 2025 silver discovery holes included:¹

Hole ID	Interval	Including:
TBAC130	6m @ 4,747 g/t Ag from 46 metres	1m @ 17,600 g/t Ay from 46 metres
TBM227	4m @ 1,417 g/t Ag from 9 metres	1m @ 3,790 g/t Ag from 9 metres
TBM228	14m @ 434 g/t Ag from 46 metres	1m @ 3,350 g/t Ag from 54 metres

Barton Gold Holdings Limited (ASX:BGD, FRA:BGD3, OTCQB:BGDFF) (**Barton** or **Company**) is pleased to confirm the start of a ~2,500m drilling program targeting high-grade gold and silver at its South Australian Tarcoola Gold Project (**Tarcoola**), plus ~500m scout drilling near its wholly owned Central Gawler Mill.

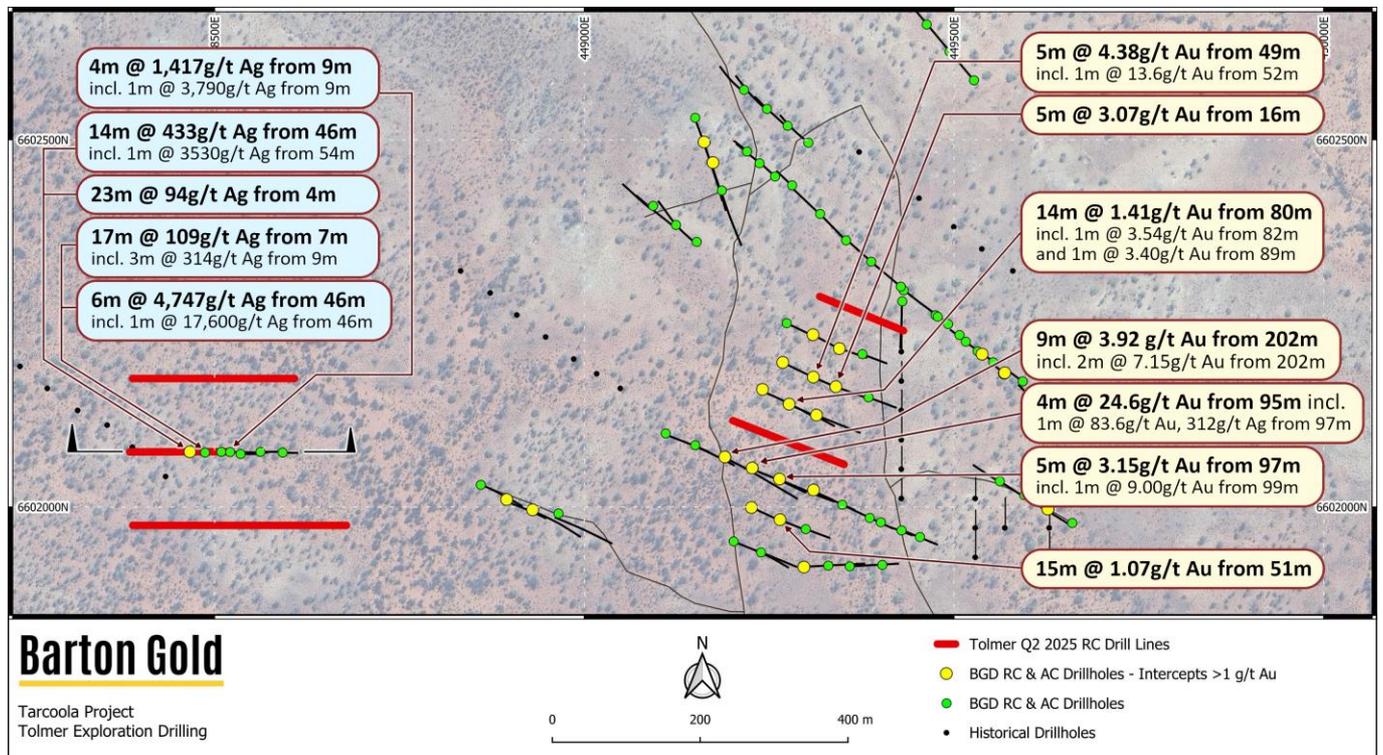


Figure 1 – Tolmer ‘western silver’ & ‘eastern gold’ zones with high-grade gold and silver assays¹

Commenting on the start of Tolmer follow-up drilling, Barton MD Alexander Scanlon said:

“Tolmer is an exciting new opportunity for Barton, with high-grade silver and gold zones emerging in parallel and shallow assays grading up to 17,600 g/t Ag and 83.6 g/t Au, respectively. We aim to map these out quickly, so we are also deploying our Portable PPB detectORE™ workflows to analyse, adapt and direct drilling in real time. We can also expand the initial program of ~2,500m where we see potential for high-value extensions.”

¹ Refer to ASX announcements dated 27 August 2024, and 30 January, 6 February, 27 March and 16 April 2025

Background

Tarcoola hosts the historical Tarcoola Goldfield, located ~130km southeast of Barton's Central Gawler Mill, where Barton owns the fully permitted Perseverance Mine. Barton published a newly interpreted regional structural model in November 2023, and commenced regional scout drilling on multiple targets in May 2024.² The Tolmer prospect (**Tolmer**) was identified as a new high-grade gold discovery in August 2024.³

Subsequent geochemical assays identified higher than expected silver values at Tolmer (up to 312 g/t Ag) coincident with high grade gold (up to 83.6 g/t Au), with subsequent expedited drilling identifying Tolmer's new 'silver zone' ~500m to the west in a line of seven discovery holes returning globally significant assays.⁴

The ~2,500m of reverse circulation (**RC**) drilling currently planned for the Tolmer prospect will target both the 'western silver' and 'eastern gold' zones with the objective to infill and/or extend both.

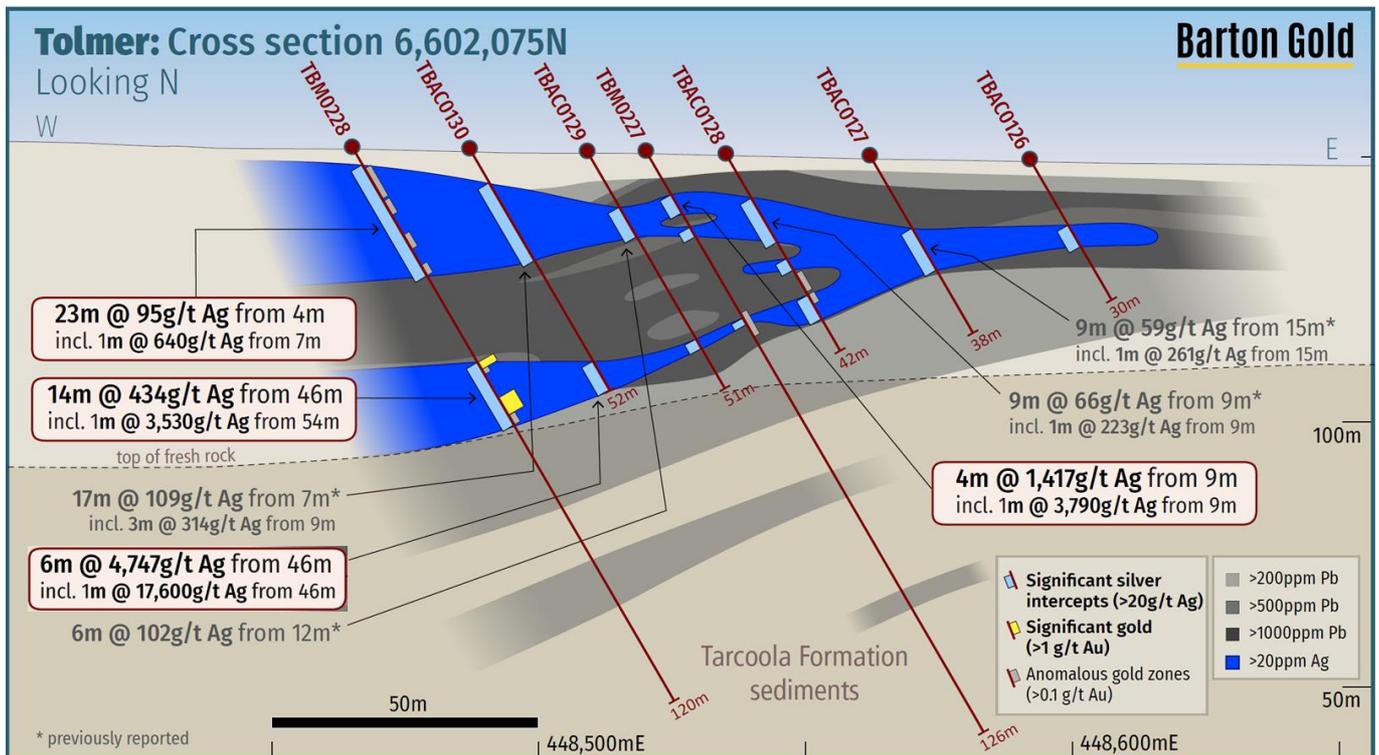


Figure 2 - Tolmer 'silver zone' anomalous Ag-Pb zones & significant drilling intercepts (>100g-m Ag)⁴

Other regional drilling

The current program also includes ~500m of early-stage scout drilling testing potential sources of gold mineralisation at the Challenger Gold Project (**Challenger**), near the Central Gawler Mill. The objective is to test potential sources of mineralisation for 'Stage 1' mill feed, and for subsequent follow up drilling.

Authorised by the Managing Director of Barton Gold Holdings Limited.

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² Refer to ASX announcements dated 28 November 2023, and 14 May and 20 June 2024

³ Refer to ASX announcement dated 27 August 2024

⁴ Refer to ASX announcements dated 30 January, 6 February, 27 March and 16 April 2025

About Barton Gold

Barton Gold is an ASX, OTCQB and Frankfurt Stock Exchange listed Australian gold developer targeting future gold production of 150,000ozpa with **1.7Moz Au & 3.1Moz Ag JORC Mineral Resources** (64.0Mt @ 0.83 g/t Au), brownfield mines, and **100% ownership of the region's only gold mill** in the renowned Gawler Craton of South Australia.*

Tarcoola Gold Project

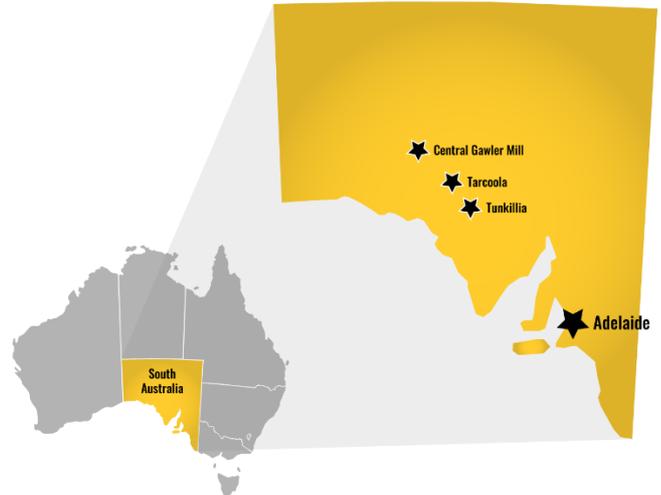
- Fully permitted open pit mine with ~20koz Au within trucking distance of Barton's Central Gawler Mill
- Historical goldfield with new high-grade gold-silver discovery in grades up to 83.6 g/t Au and 17,600 g/t Ag

Tunkillia Gold Project

- 1.6Moz Au & 3.1Moz Ag JORC Mineral Resources
- Optimised Scoping Study for competitive ~120kozpa gold and ~250kozpa silver bulk open pit operation

Key Regional Infrastructure

- Region's only gold processing plant (650ktpa CIP)
- Multiple camps / accommodation across projects



Competent Persons Statement & Previously Reported Information

The information in this announcement that relates to the historic Exploration Results and Mineral Resources as listed in the table below is based on, and fairly represents, information and supporting documentation prepared by the Competent Person whose name appears in the same row, who is an employee of or independent consultant to the Company and is a Member or Fellow of the Australasian Institute of Mining and Metallurgy (**AusIMM**), Australian Institute of Geoscientists (**AIG**) or a Recognised Professional Organisation (RPO). Each person named in the table below has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he has undertaken to qualify as a Competent Person as defined in the JORC Code 2012 (**JORC**).

Activity	Competent Person	Membership	Status
Tarcoola Mineral Resource (Stockpiles)	Dr Andrew Fowler (Consultant)	AusIMM	Member
Tarcoola Mineral Resource (Perseverance Mine)	Mr Ian Taylor (Consultant)	AusIMM	Fellow
Tarcoola Exploration Results (until 15 Nov 2021)	Mr Colin Skidmore (Consultant)	AIG	Member
Tarcoola Exploration Results (after 15 Nov 2021)	Mr Marc Twining (Employee)	AusIMM	Member
Tunkillia Exploration Results (until 15 Nov 2021)	Mr Colin Skidmore (Consultant)	AIG	Member
Tunkillia Exploration Results (after 15 Nov 2021)	Mr Marc Twining (Employee)	AusIMM	Member
Tunkillia Mineral Resource	Mr Ian Taylor (Consultant)	AusIMM	Fellow
Challenger Mineral Resource	Mr Dale Sims (Consultant)	AusIMM / AIG	Fellow / Member

The information relating to historic Exploration Results and Mineral Resources in this announcement is extracted from the Company's Prospectus dated 14 May 2021 or as otherwise noted in this announcement, available from the Company's website at www.bartongold.com.au or on the ASX website www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the Exploration Results and Mineral Resource information included in previous announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates, and any production targets and forecast financial information derived from the production targets, continue to apply and have not materially changed. The Company confirms that the form and context in which the applicable Competent Persons' findings are presented have not been materially modified from the previous announcements.

Cautionary Statement Regarding Forward-Looking Information

This document may contain forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "believe", "plan", "expect", "target" and "intend" and statements that an event or result "may", "will", "should", "would", "could", or "might" occur or be achieved and other similar expressions. Forward-looking information is subject to business, legal and economic risks and uncertainties and other factors that could cause actual results to differ materially from those contained in forward-looking statements. Such factors include, among other things, risks relating to property interests, the global economic climate, commodity prices, sovereign and legal risks, and environmental risks. Forward-looking statements are based upon estimates and opinions at the date the statements are made. Barton undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such dates or to update or keep current any of the information contained herein. Any estimates or projections as to events that may occur in the future (including projections of revenue, expense, net income and performance) are based upon the best judgment of Barton from information available as of the date of this document. There is no guarantee that any of these estimates or projections will be achieved. Actual results will vary from the projections and such variations may be material. Nothing contained herein is, or shall be relied upon as, a promise or representation as to the past or future. Any reliance placed by the reader on this document, or on any forward-looking statement contained in or referred to in this document will be solely at the readers own risk, and readers are cautioned not to place undue reliance on forward-looking statements due to the inherent uncertainty thereof.

* Refer to Barton Prospectus dated 14 May 2021 and ASX announcement dated 4 March 2025. Total Barton JORC (2012) Mineral Resources include 909koz Au (30.8Mt @ 0.92 g/t Au) in Indicated category and 799koz Au (33.2Mt @ 0.75 g/t Au) in Inferred category, and 3,070koz Ag (34.5Mt @ 2.80 g/t Ag) in Inferred category as a subset of Tunkillia gold JORC (2012) Mineral Resources.