

Commencement of RC Drilling - West Tanami Gold Project

Highlights:

- **3,600 metre RC drilling program targeting bedrock gold mineralisation has commenced at the West Tanami project**
- **Drilling to test for:**
 - **Bedrock gold mineralisation beneath the Sultan West and Sultan Central aircore anomalies**
 - **Extensions of high-grade gold mineralisation intersected at Sultan Main**
 - **Mineralisation at depth beneath the Fremlins South aircore regolith anomaly**
- **First assay results expected in July 2024**

Hamelin Gold Limited (“**Hamelin**” or the “**Company**”) (**ASX:HMG**) is pleased to announce the commencement of the 2024 drilling program at the West Tanami project in Western Australia.

Commenting on the West Tanami RC drilling program, Hamelin Gold Managing Director Peter Bewick said:

“The successful application of a new undercover exploration technology that led us to the discovery of the Sultan gold occurrences was an outstanding technical success. The next stage of exploration along the Sultan Gold Corridor has now commenced. A 3,000m RC drill program has been designed to test for high grade gold shoots across the Sultan West, Sultan Central and Sultan Main prospects.

The commencement of this program marks another key milestone for these new, high quality gold targets and success in this drill program will provide significant momentum to accelerate our activities in this exciting frontier gold province”.



Figure 1: Mobilising to Sultan Exploration Camp

Sultan Gold Corridor

The Sultan gold corridor extends over 10 kilometres of strike and is located in the far northwest of the West Tanami project. Mineralisation along the Sultan Corridor appears to be exclusively hosted within and near the margins of a dolerite unit within a thick sediment package which provides possible iron-rich and rheological contrasting rock types favourable for gold deposition. This sequence sits on the northern rim of a regional scale granodioritic intrusion.

Sultan Main

The first diamond drill hole at Sultan Main intersected high grade gold mineralisation at the contact between the granitoid intrusion and a package of sediments and mafic rocks with best results including:

- **7.6 metres at 3.2 g/t Au from 326.2 metres including 1.1 metres at 15.9 g/t Au from 329.7 metres in TSD0007** (refer to ASX announcement 12 December 2022)

A 1,200 metre RC drilling program has commenced at the Sultan Main to test for lateral and downdip extension to the high-grade gold mineralisation discovered in the TSD0007.

Soil sampling along the Sultan Corridor analysed using the CSIRO developed Ultrafine® technology successfully identified two coherent gold anomalies, Sultan West and Sultan Central (refer to ASX announcement 26 September 2023). The 1000 metre long gold anomaly at Sultan West is coincident with a significant flexure in the Sultan Fault and considered a strong conceptual and empirical gold target.

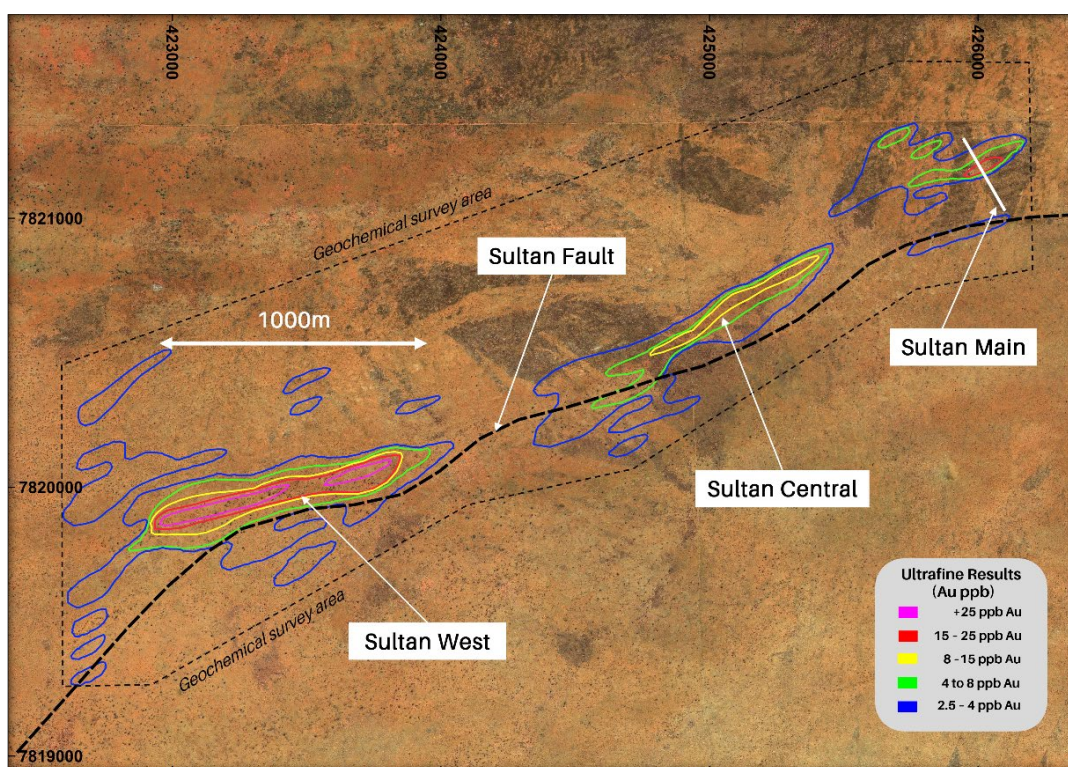


Figure 2: Sultan Ultrafine® surface geochemical anomalies

Sultan West and Sultan Central

A program of aircore drilling completed in October 2023 at Sultan West intersected significant shallow gold mineralisation over 700 metres of strike (refer to ASX announcement 2 January 2024). Results from this aircore program confirmed significant gold mineralisation including:

- TSA0146: 4 metres at 0.58g/t Au from 20 metres to end of hole
- TSA0168: 8 metres at 0.94g/t Au from 16 metres including **2 metres at 2.6g/t Au** from 18 metres
- TSA0172: 4 metres at 0.99g/t Au from 12 metres including **2 metres at 1.85g/t Au** from 14 metres

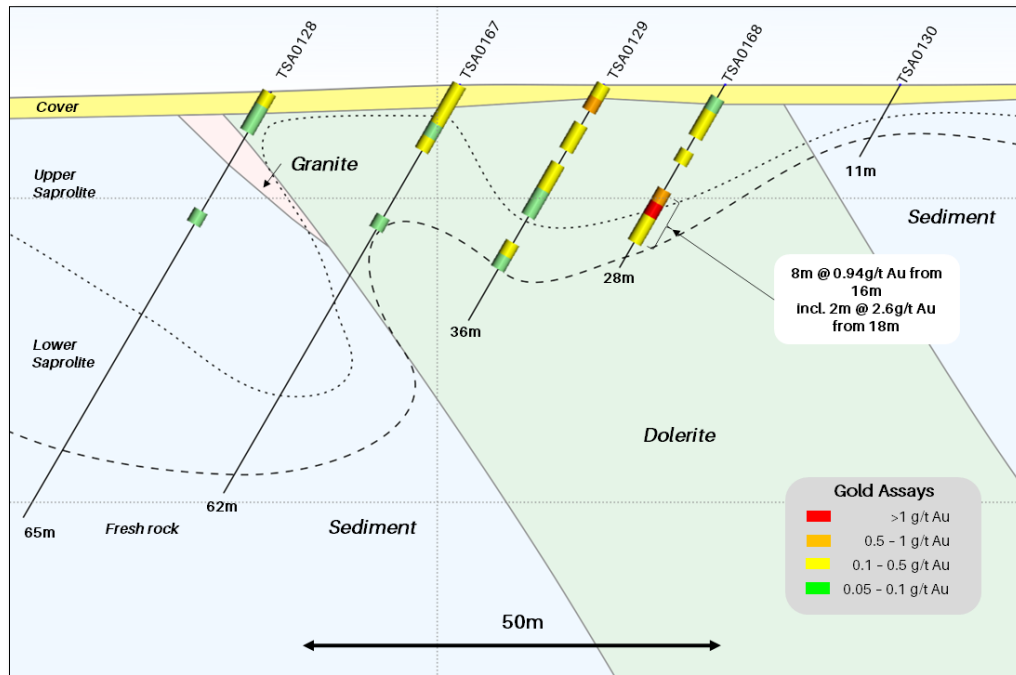


Figure 3: Sultan West – Cross Section 423140mE

RC drilling at Sultan West and Sultan Central is designed to test directly beneath the regolith hosted gold footprints with a series of 160 metre spaced sections of 1 to 3 holes per section. The aim of the 1,800 metre drill program is to confirm the presence of primary bedrock gold mineralisation and define the orientation of potential high grade gold shoots at depth.

Results from the RC drilling along the Sultan Corridor are expected in July / August 2024.

Fremlins

The Fremlins gold prospect ("Fremlins") is located 8 kilometres south of the Coyote Gold Mine. The near surface gold anomalism at Fremlins extends over 10 kilometres of strike with the southern 4 kilometres of the system defined by surface LAG sampling.

Three lines of aircore drilling across the northern section of the LAG anomaly defined a +200-metre wide, +100ppb gold anomaly within the weathered lower saprolite zone and confirmed the ineffective nature of the previous shallow RAB drilling (ASX Announcement 16 October 2023). The southern most aircore traverse (Figure 4) contains the highest gold grades and best continuity, suggesting the system may be improving to the south. Better intersections from the aircore drilling include:

- TLA0087: 22 metres at 0.34 g/t Au from 22 metres including **2 metres at 1.2 g/t Au** from 28 metres
- TLA0081: **2 metres at 1.06 g/t Au** from 54 metres
- TLA0082: 4 metres at 0.29 g/t Au from 60 metres and 4 metres at 0.34 g/t Au from 68 metres to end of hole

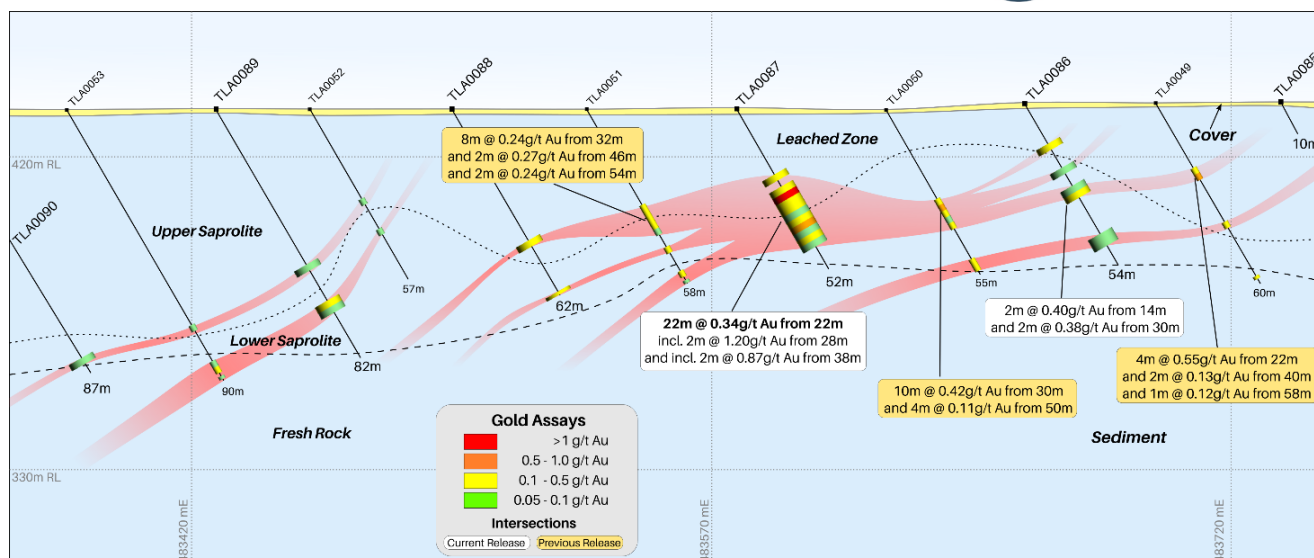


Figure 4: Fremlins South – Cross Section 7785080mN

A planned program of four RC holes will test beneath the area of gold regolith anomalism defined in the southern two aircore sections. This 600 metre program aims to locate the primary source of regolith gold anomalism and to determine the orientation of possible gold-mineralised structures.

Results from the Fremlins RC drilling program are expected in August 2024.

This announcement has been authorised by the Board of Directors.

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The information in this report that relates to Exploration Results is based on information compiled by Mr. Peter Bewick who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Bewick holds shares and options in and is a full time employee of Hamelin Gold Ltd and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bewick consents to the inclusion in the report of the matters based on the information compiled by him, in the form and context in which it appears.

¹Information on historical results outlined in this Announcement together with JORC Table 1 information, is contained in the Independent Technical Assessment Report within Hamelin's Prospectus dated 17 September 2021, which was released in an announcement on 3 November 2021.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed. This announcement has been authorised for release by the Board of Hamelin Gold Limited.

About Hamelin Gold

Hamelin Gold Limited (**ASX:HMG**) is an ASX-listed exploration company based in Perth, Western Australia. Hamelin has a landholding of 2,489km² in the Tanami Gold Province in Western Australian (Figure 5). The province is prospective for high value, large scale gold deposits and hosts Newmont's +20Moz, Tier 1 Callie Operations and their +2.7Moz Oberon Development Project in the Northern Territory. Hamelin's West Tanami project is a belt-scale Greenfields opportunity hosting the same geology and key structures as the Newmont deposits in the NT with minimal modern exploration completed across the Hamelin landholdings.

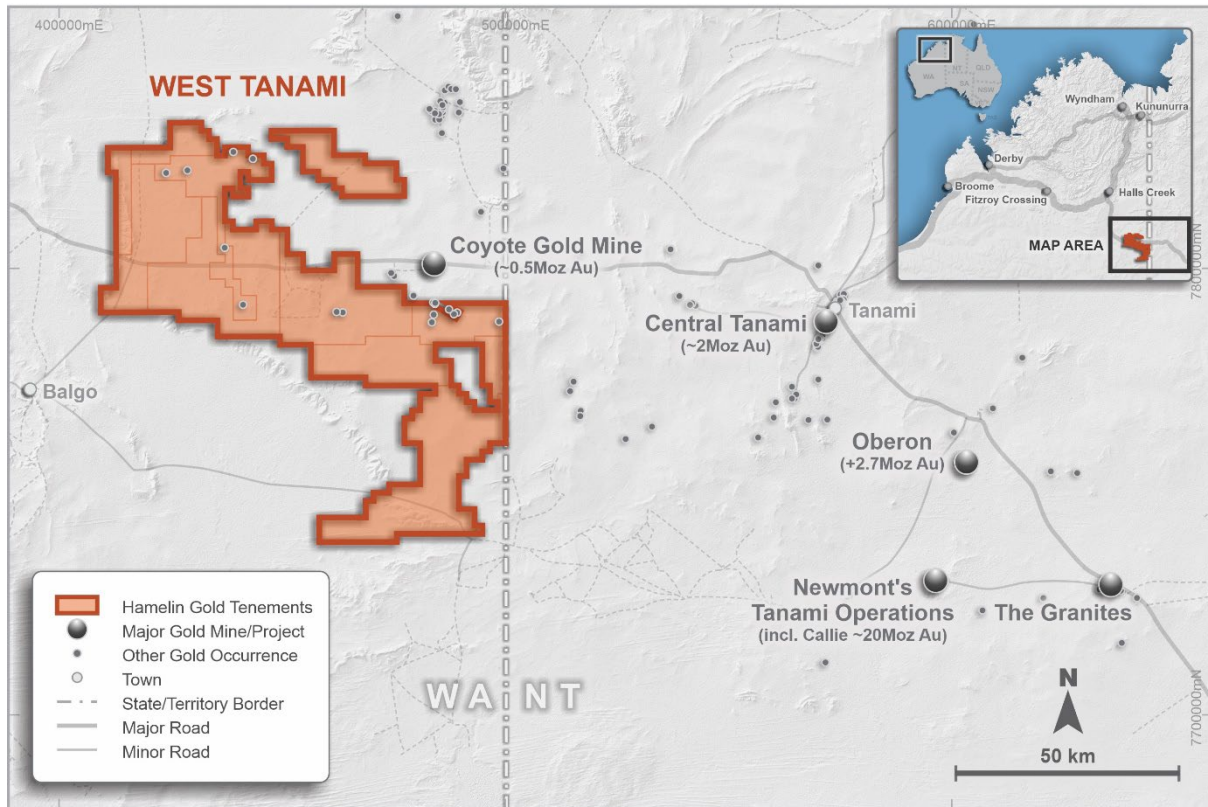


Figure 5: Hamelin's West Tanami Project tenure within the Tanami Gold Province

Hamelin is undertaking systematic whole of project target generation activities in the West Tanami targeting world class mineral systems.

The Company has a strong Board and Management team and is well funded.

Hamelin's shareholders include highly regarded gold miners Gold Fields Limited (JSE/NYSE:GFI) and Silver Lake Resources Limited (ASX:SLR).