

Diamond drilling commences at Fremlins – West Tanami

Highlights:

- Diamond drilling at the high priority Fremlins gold prospect has commenced
- Drilling to test for potential high grade gold shoots beneath extensive, near surface gold mineralisation
- The 1,200m program is the first diamond drilling conducted at Fremlins
- Program co-funded through WA Government EIS drilling grant totalling up to \$180,000

Hamelin Gold Limited (“**Hamelin**” or the “**Company**”) (**ASX:HMG**) is pleased to announce the commencement of diamond drilling at the Fremlins gold prospect within the Company’s 100% owned West Tanami Gold Project in Western Australia.

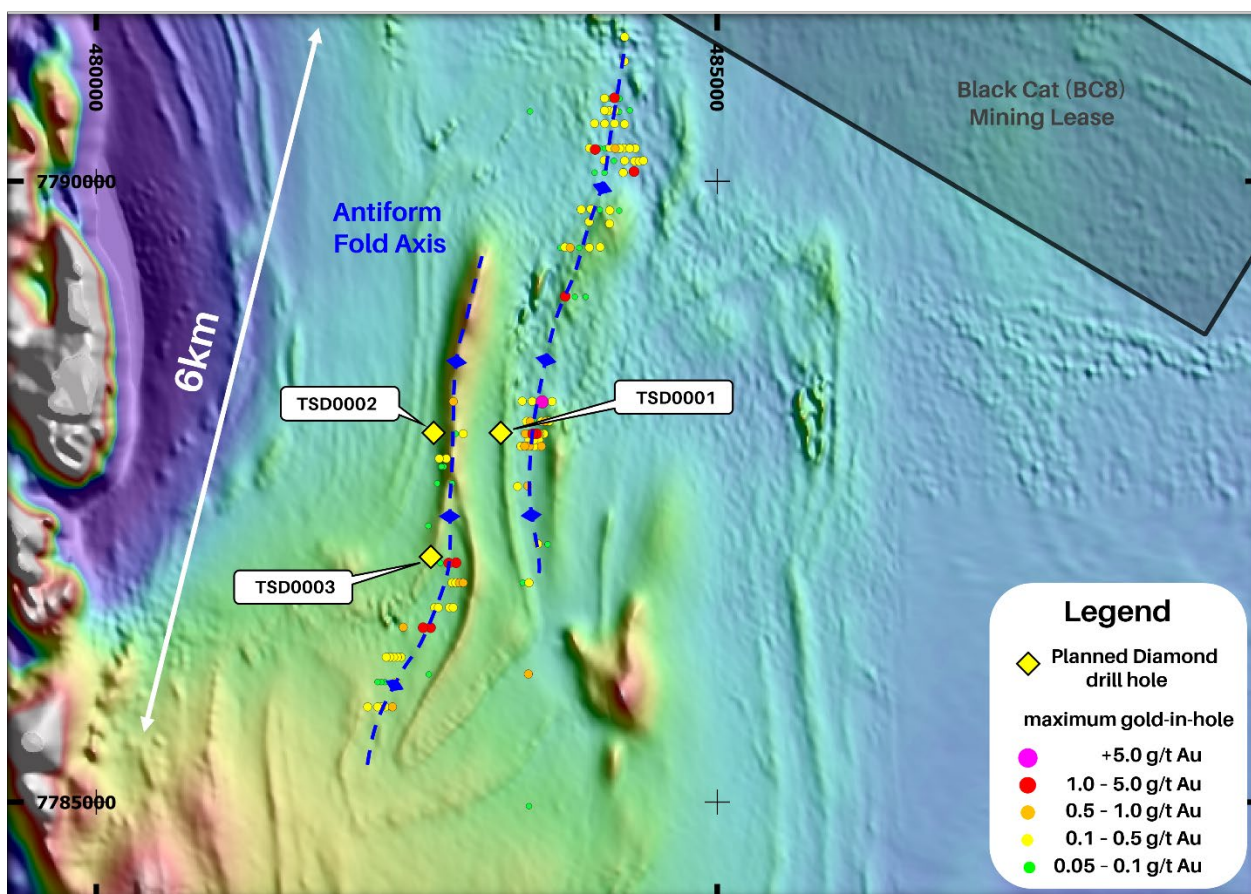


Figure 1: Fremlins prospect detailed magnetics and planned diamond drill locations¹

Commenting on the Fremlins drill program, Hamelin Gold Managing Director Peter Bewick said:

“Fremlins is one of our highest priority drill targets within the West Tanami Project. Following the grant of the Fremlins tenement in late 2021 we completed a magnetic and radiometric survey and targeting exercise.

This diamond drilling program is co-funded through a WA Government EIS drilling grant and it will be the first diamond drilling ever completed at Fremlins. Previous drilling along the 6 kilometre long prospect was predominantly shallow geochemical drilling.

Hamelin interprets the geological and structural setting at Fremlins to be similar to Newmont’s giant Callie gold deposit located 100km to the east in the Northern Territory. Our exploration program at Fremlins is focused on the discovery of high grade gold mineralisation beneath the large scale, near surface gold anomaly defined by previous explorers.”

Background

Previous drilling at the Fremlins prospect is dominated by shallow RAB, vacuum and RC drilling, with no holes deeper than 115m from surface and no diamond drilling. The historical shallow drill programs defined two parallel gold trends over 6km in strike with mineralisation interpreted to be focused along the axis of two tightly folded antiforms (see Figure 1). The drilling returned broad (20 – 80m) zones of lower grade mineralisation (0.2 – 0.6g/t Au) with mineralisation occurring to the end of several holes.

The Fremlins prospect displays the footprint of a major gold system with higher grade mineralisation interpreted by Hamelin to occur at structural intersections and flexures in key structures.

Diamond Drilling Program

Planned diamond drilling is designed to confirm the geological and structural interpretation at Fremlins as well as testing key structural positions for high grade gold mineralisation. Three diamond holes are planned for a total of 1,200m. Two holes will test the axis of the western antiform and the third hole will test the axis of the eastern antiform (see Figure 1). The three planned holes are located in the central and southern half of the prospect where the folded mafic and sedimentary units are offset by a major regional scale structure.

The diamond drill program will be completed in early September with assay results expected in November 2022.

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.



Figure 2: DDH-1 Rig 4 Arriving on site Saturday 13 August 2022

About Hamelin Gold

Hamelin Gold Limited (**ASX:HMG**) is an ASX-listed gold exploration company based in Perth, Western Australia. Hamelin has a landholding of 2,489km² in the Tanami Gold Province in Western Australian (Figure 3). The province is prospective for high value, large scale gold deposits and hosts Newmont's Tier 1 Callie Operations in the Northern Territory. Hamelin's West Tanami project is a belt-scale Greenfields opportunity hosting the same geology and key structures as Callie with minimal modern exploration completed across the Hamelin landholdings.

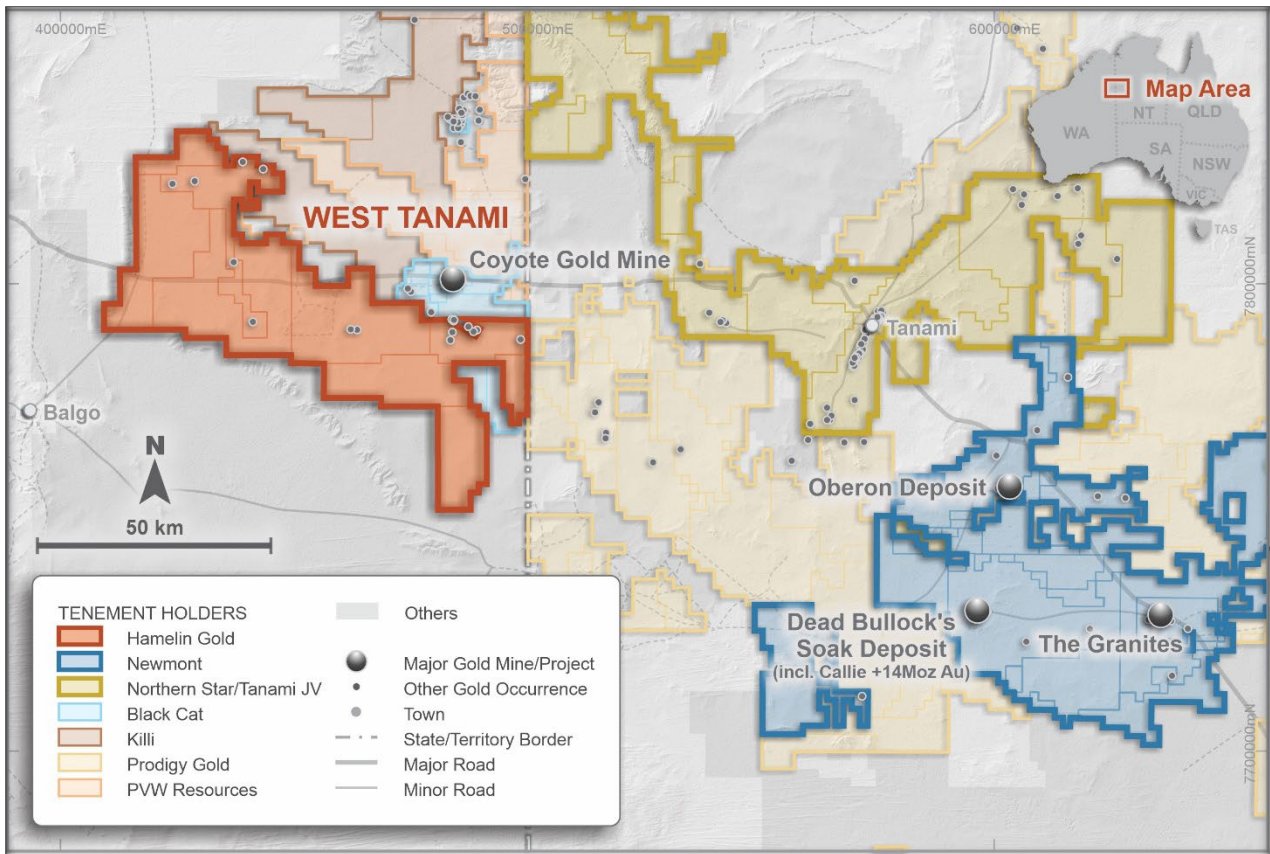


Figure 3: Hamelin's West Tanami Project tenure within the Tanami Gold Province

Hamelin is undertaking systematic whole of project target generation activities in the West Tanami to support a major drill program in 2022 targeting world class gold mineral systems.

The Company has a strong Board and Management team and is well funded after completing an IPO in November 2021.

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