



ASX ANNOUNCEMENT

9 December 2019

## Aurora Tank Gold

### Phase 2 Drilling Starts

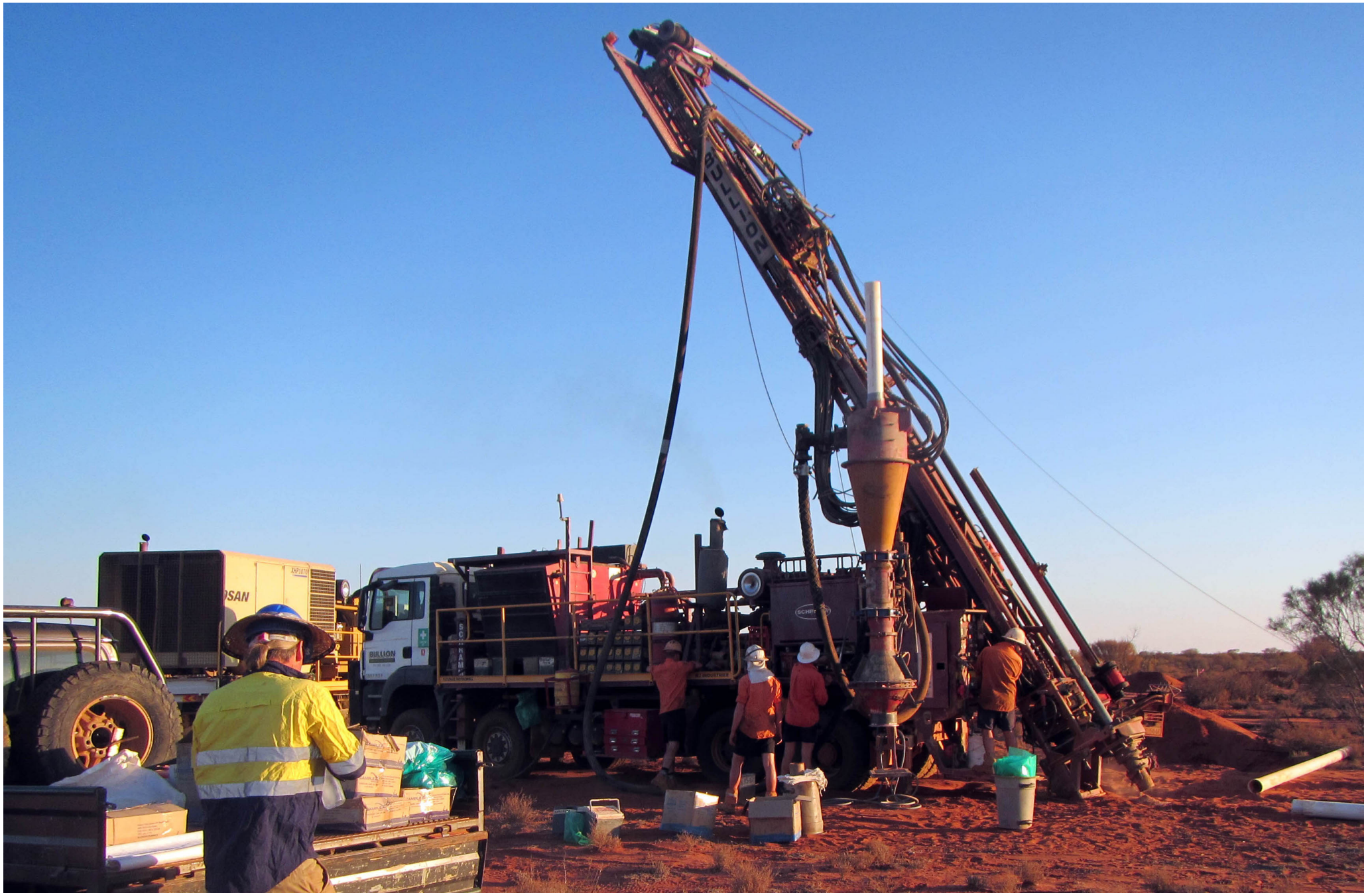
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Marmota Limited (ASX: MEU) ("Marmota")

Phase 2 drilling at Aurora Tank **has commenced**

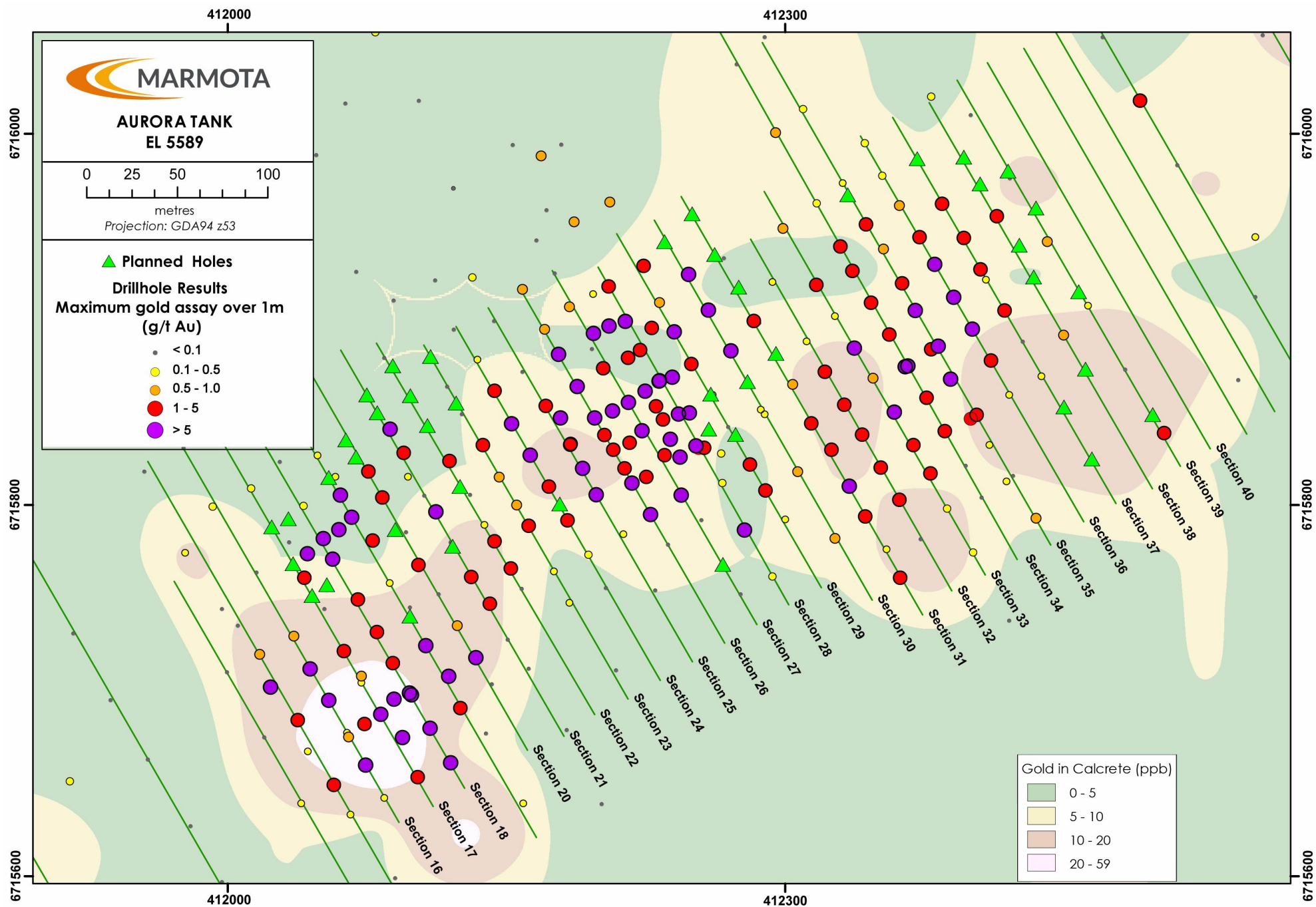
#### **PROGRAM: 2019 PHASE 2**

- **RC drill program:** 60 holes (approx.)
- **Total RC drilling:** 5,000m (approx.)
- **Hole depths:** 85m (average)
- Drilling expected to take approximately 2 weeks
- For overview of planned hole locations, see **Figures 1 and 2**



**Commencement of December 2019 RC drilling (Phase 2) at Aurora Tank Gold discovery**





## Two Fingers Discovery Hole

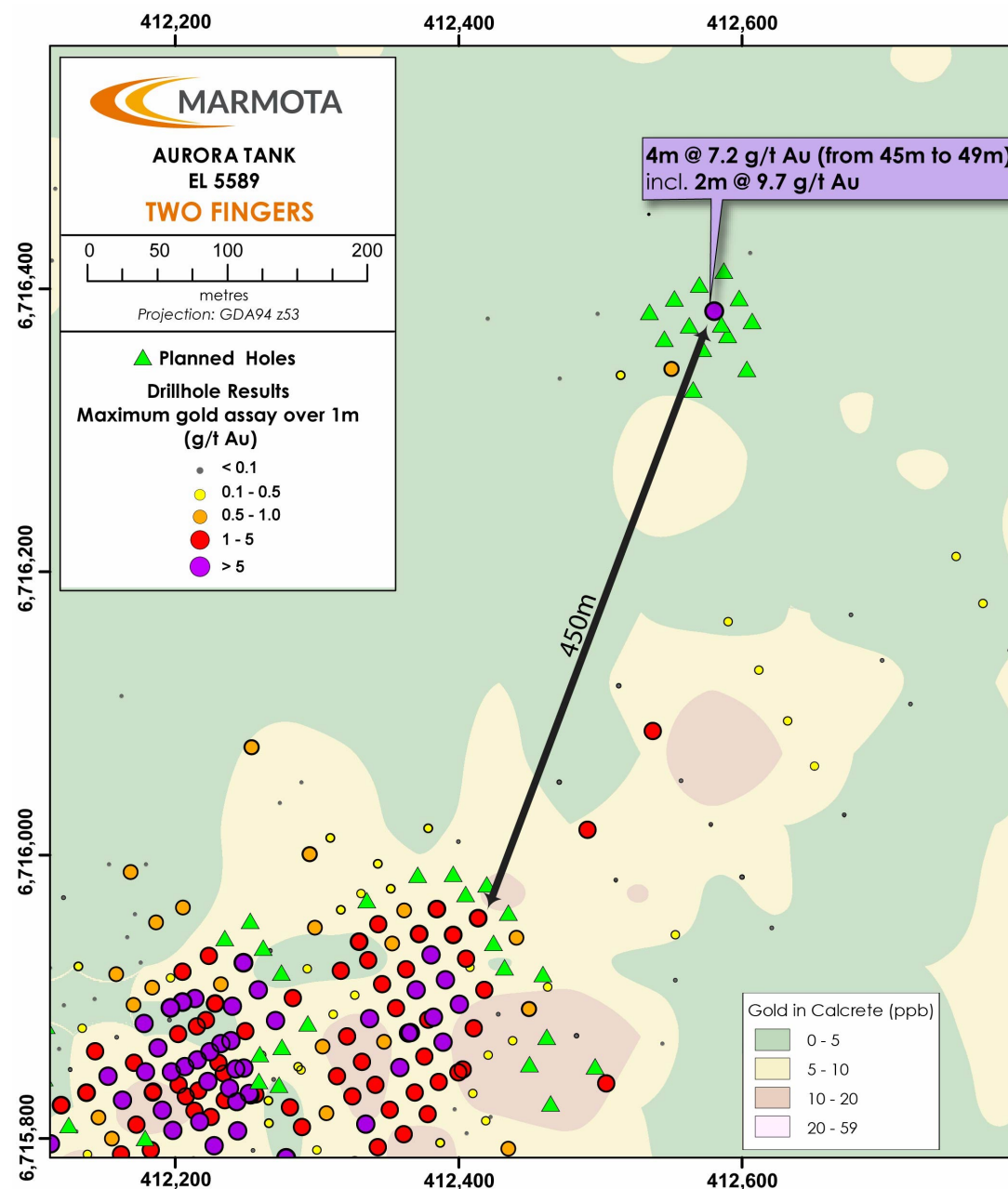
The recent **Phase 1** June drilling program included a recon program that yielded a new discovery hole 98 called Two Fingers located 450m to the NE of the main mineralised zone [ see ASX:MEU 19 Sept 2019 ]

Two Fingers Hole 98 reported:

45 to 46m:	<b>10.0 g/t</b> gold
46 to 47m:	<b>9.3 g/t</b> gold
47 to 48m:	<b>6.0 g/t</b> gold
48 to 49m:	<b>3.5 g/t</b> gold

... averaging **4m @ 7.2 g/t** gold

The December 2019 RC program includes 13 new planned RC holes to help define the new Two Fingers zone.



**Fig. 2: Two Fingers discovery Phase 2: 13 planned RC holes**



## Multiple Targets

The **Phase 2** program has **multiple objectives** and **multiple targets** including testing:

**1. NW flank**

Testing the size and extensions of the new NW flank [ see **Fig. 3 and 4** ].

The new NW flank recently yielded outstanding intersections such as **5m @ 27 g/t gold** (from 38m) including **1m @ 105g/t gold** [ ASX:MEU 7 May 2019 ] and was featured in 'Top Drill Intersections per State – Australia – Q1 2019' published by the *RSC Mineral Intelligence Report* (May 2019)

**2. Extensions** to the N, NE and E of the Aurora Tank mineralised zone

**3. Extensions at depth**

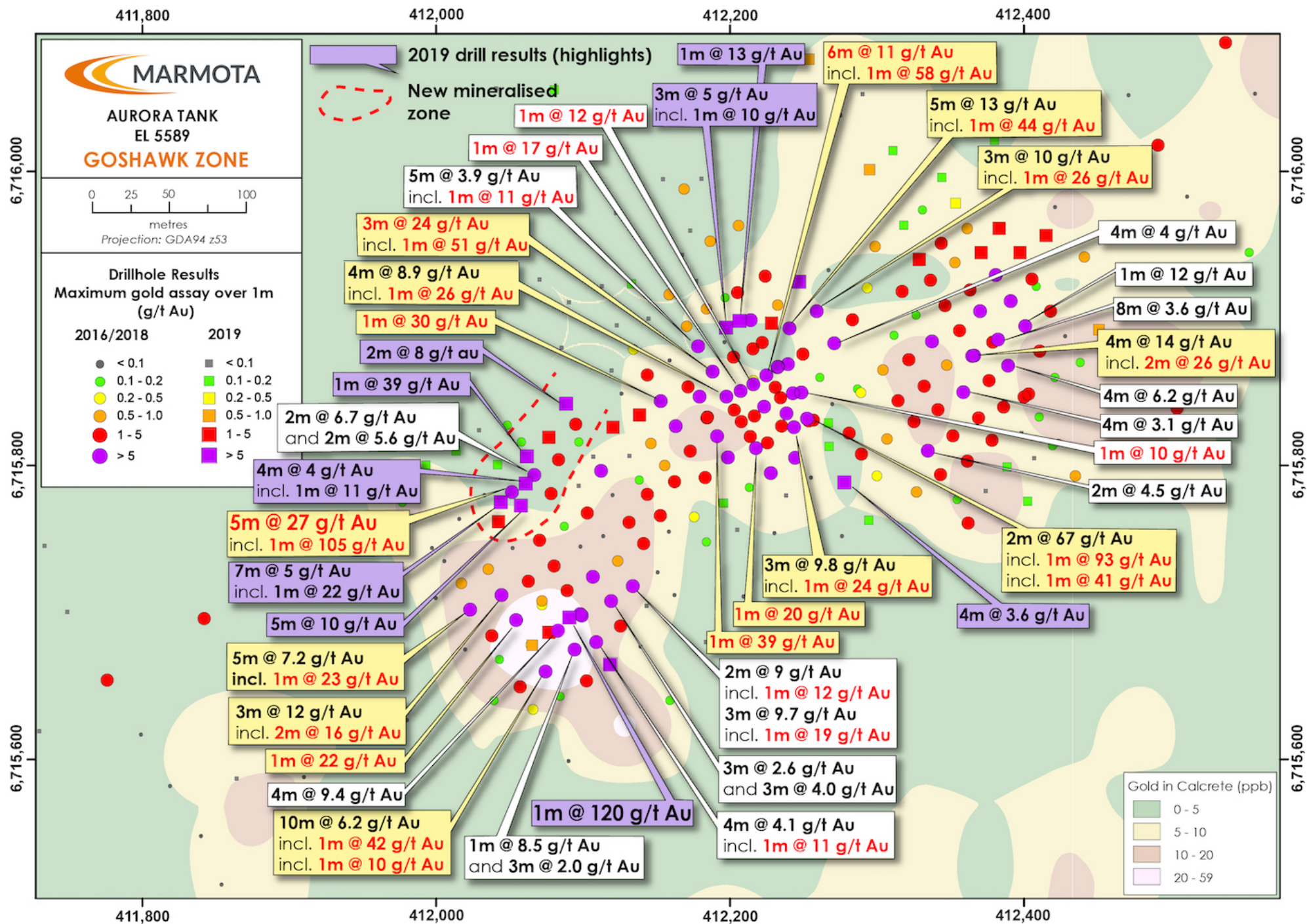
**4. New Two Fingers Zone**

To define the new gold intersection at the Two Fingers zone, located about 450m NE of the main mineralised zone [ see **Fig. 2** ], recently discovered by Marmota in our **Phase 1** recon drill program, as a by-product of our innovative R&D biogeochem (tree-sampling) program that was recently featured in *The Economist* [ 25 May 2019 ] and *New Scientist* [ August 2019 ].

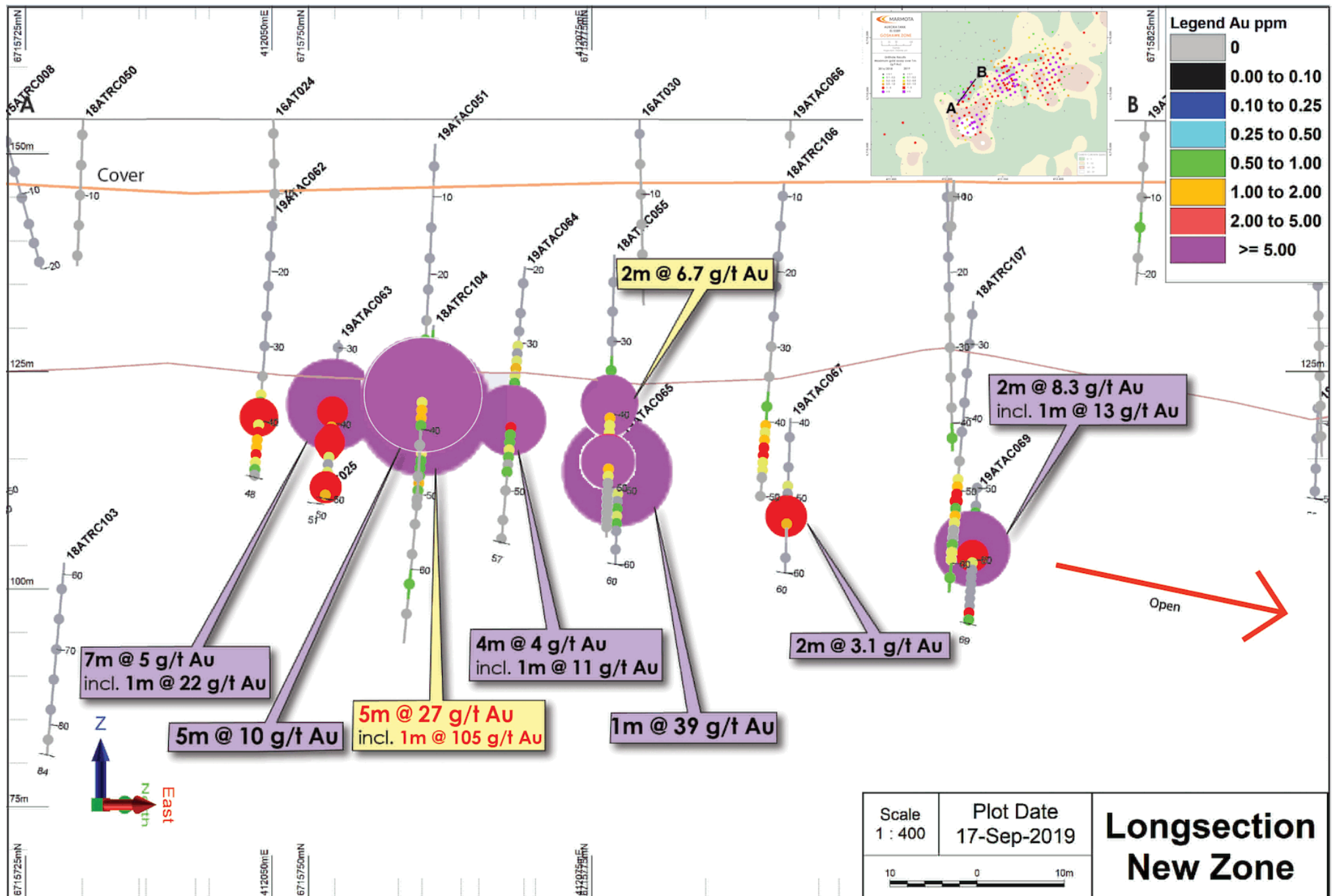
**5. First recon over New Biogeochem Gold anomaly**

Tree sampling carried out in August has revealed a new gold-in-biogeochem anomalous zone – this time to the SE of the main mineralised zone. The timing is most fortuitous and enables Marmota to test the new anomaly at the same time as the main program.





**Figure 3:** Aurora Tank – Best downhole gold results + new NW flank -----



**Figure 4:** Schematic long-section through new NW flank

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**About Marmota Limited**

Marmota Limited (ASX: MEU) is a South Australian mining exploration company, focused on gold, copper and uranium. Gold exploration is centred on the Company's dominant tenement holding in the highly prospective and significantly underexplored Gawler Craton, near the Challenger gold mine, in the Woomera Prohibited Defence Area. The Company's copper project is based at the Melton project on the Yorke Peninsula. The Company's uranium JORC resource is at Junction Dam adjacent to the Honeymoon mine.

For more information, please visit: [www.marmota.com.au](http://www.marmota.com.au)

**Competent Persons Statement**

Information in this Release relating to Exploration Results is based on information compiled by Dr Kevin Wills, who is a Fellow of the Australasian Institute of Mining and Metallurgy. He has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves." Dr Wills consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Where results from previous announcements are quoted, Marmota confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.