

ASX ANNOUNCEMENT

1 November 2017

# Aurora Tank Gold

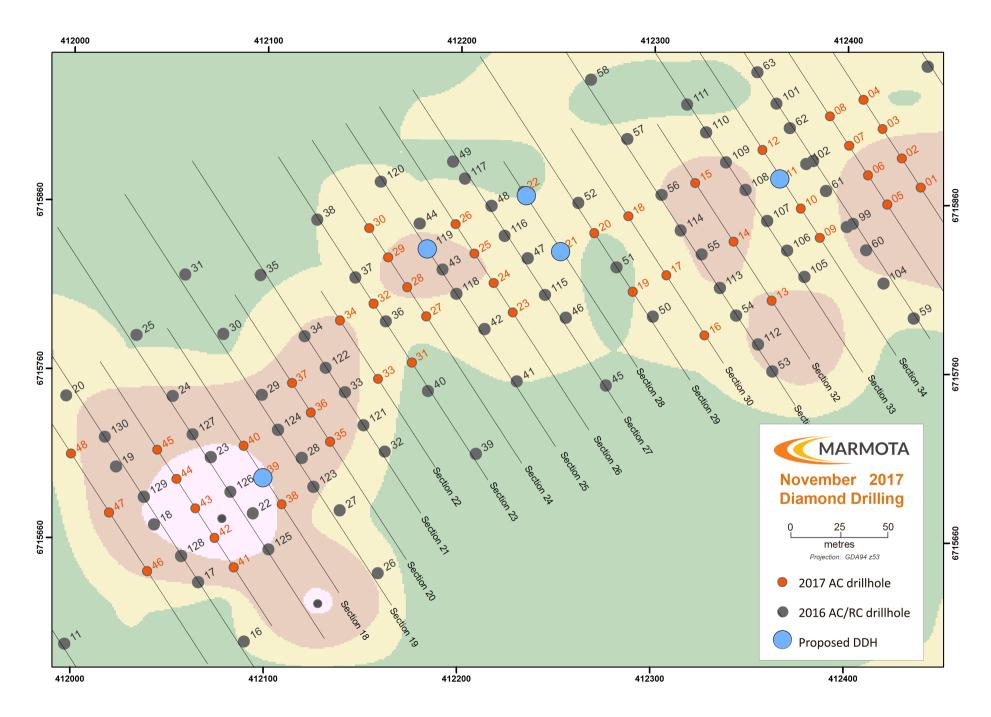
# **First Diamond Drilling Program to Commence**

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

Marmota is pleased to announce the first diamond drilling program at Aurora Tank

### **KEY POINTS**

- Diamond drilling at Aurora Tank is expected to commence within 7 days
- Five diamond core holes to be drilled
- Approximately 200m of triple tubed HQ diameter core to be obtained
- All necessary approvals granted





## Background

- Aurora Tank (EL 5589) is located 50km NE of the Challenger Gold Mine (ASX:WPG); the latter has produced over 1 million ounces of gold (about \$1.7 billion at current prices)
- Aurora Tank is 100% owned by Marmota
- In September 2016, Marmota carried out its first drilling program at Aurora Tank (Goshawk).
- In September 2017, Marmota reported **outstanding 1m intersections** including **101** g/t gold (with duplicate samples at 85 g/t and 93 g/t, averaging 93 g/t).

## **Highlights include:**

- 2m at 67 g/t gold from 32m ноle 17АТО21
  5m at 13 g/t gold from 41m ноle 17АТО22
- 4m at <u>14 g/t</u> gold from 32m ное 17АТО11
- 10m at 6 g/t gold from 17m ноle 17АТО42
- 4m at 9 g/t gold from 28m ноle 17АТО26
- 3m at 10 g/t gold from 22m ное 17АТОЗ5
- 3m at <u>12 g/t</u> gold from 29m ноle 17АТО45
- 3m at <u>11 g/t</u> gold from 22m ноle 16АТО19
- 4m at 9 g/t gold from 25m ноle 16АТО43
- Im at 30 g/t gold from 17m ноle 17АТО29
- Im at 23 g/t gold from 35m ноle 16АТО61
- Im at 20 g/t gold from 17m Hole 17АТО24
- Im at 22 g/t gold from 20m ноle 17АТО44

lincl	1m @ <b>93</b> g/t	cold from 22m )
( incl	III @ 95 g/t	gold from 32m)
( incl	1m @ <b>44</b> g/t	gold from 45m )
( incl	1m @ <b>42</b> g/t	gold from 33m )
( incl	1m @ <b>42</b> g/t	gold from 18m )
( incl	1m @ <b>26</b> g/t	gold from 31m )
( incl	1m @ <b>19</b> g/t	gold from 23m )
( incl	1m @ <b>20</b> g/t	gold from 30m )
( incl	1m @ <b>23</b> g/t	gold from 22m )
( incl	1m @ <b>34</b> g/t	gold from 27m )

### **Features include:**

- Significant gold mineralisation over 500m strike length
- More than 117 intersections greater than 1 g/t gold
- Mineralisation close to surface (consistently within 50m of surface)

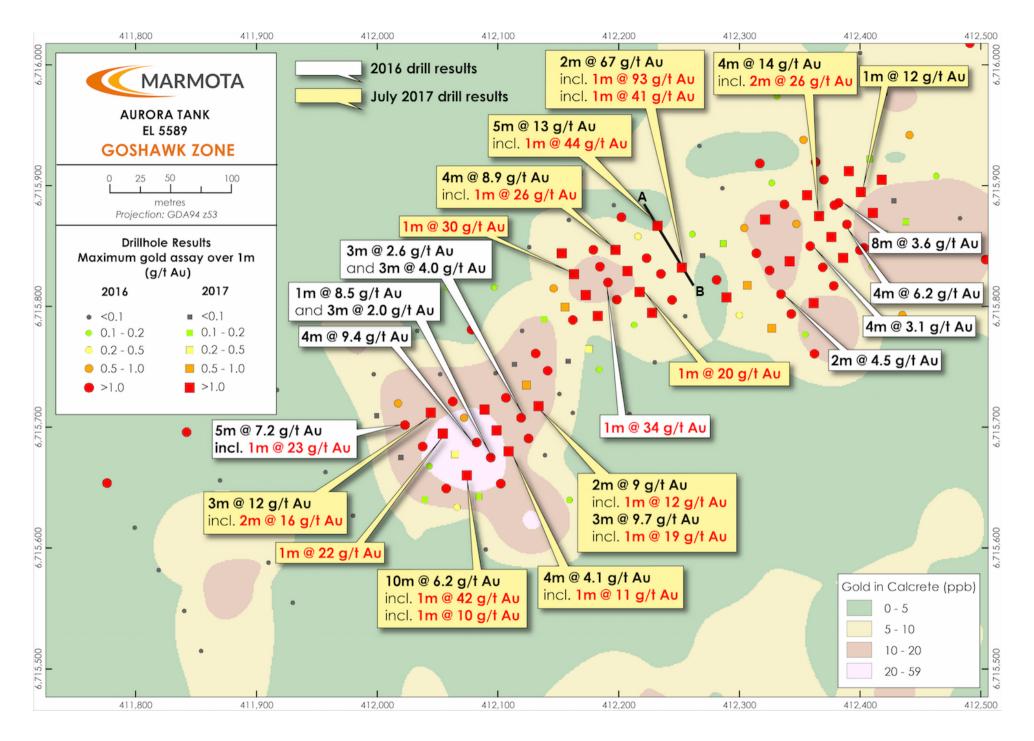
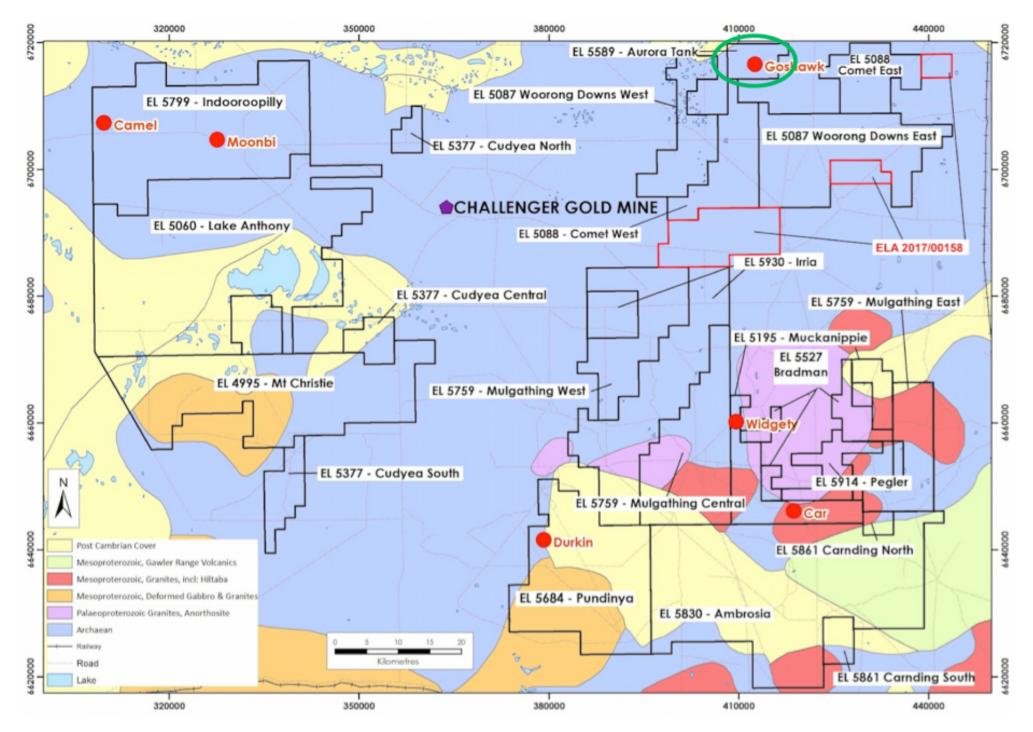


Figure 2: Aurora Tank – Best downhole gold results at Goshawk Prospect

## **Objectives of the diamond drill program**

- To provide high quality geological and mining information in areas of significant interest
- To determine true widths and grades of mineralised intersections
- To provide samples of fresh bedrock for detailed logging and petrological description of rock types and associated mineral system elements such as hydrothermal alteration. This will help provide validation of the solid geology model.
- To provide high-quality samples for density and geotechnical measurements and metallurgical testwork. Density measurements will be incorporated to the block model for tonnage calculations in the estimate of JORC Resources (already underway).
- To determine true orientation of geological structures and underlying geology
- To plan further holes targeting deeper primary mineralisation



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Figure 3: Marmota's Aurora Tank tenement and tenements around the Challenger Gold Mine

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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 on the Yorke Peninsula. The Company's largest uranium project is at Junction Dam adjacent to the Honeymoon mine.

For more information, please visit: www.marmota.com.au

#### **Competent Persons Statement**

Information in this Release relating to Exploration Targets, Exploration Results and Mineral Resources is based on information compiled by Dr Kevin Wills, who is a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience which is relevant to the styles of mineralisation, metallurgical testwork 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.