



26 September 2018

ASX Announcement

## WOOMERA MINING LIMITED TENURE AND EXPLORATION UPDATE MUSGRAVE PROVINCE AND GAWLER CRATON

### Highlights

#### Musgrave Province

- Exploration Licence EL 6180 (formerly EL5287 and SELA 2018/00042) has been granted
- The ground Moving Loop Electromagnetic (MLEM) survey utilising state of the art “SQUID” technology is almost complete.
- MLEM station spacing over zones of anomalous conductivity will now be reduced from 200m to 50m to further delineate causative bodies to fine tune drill hole locations
- 4,000m RC drilling program to commence immediately following infill MLEM. Drilling is expected to commence late October.

#### Nawa Project

- Exploration Licence EL 6246 (formerly ELA 2017/00183) (Nawa Project) has been granted
- Native Title Mining Agreement negotiations underway with Antakirinja Matu-Yankunytjatjara Aboriginal Corporation

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Woomera Mining Limited (ASX: WML, Woomera) advises that the Subsequent Exploration Licence Applications, ELA 2018/00042 and ELA 2017/00183 have been granted as EL 6180 and EL 6246 respectively. EL 6180 is held by Norsa Exploration Pty Ltd, while EL 6246 is held by Woomera Exploration Limited, both companies are wholly owned subsidiaries of Woomera. The current tenement holding in South Australia is shown in Figure 1.

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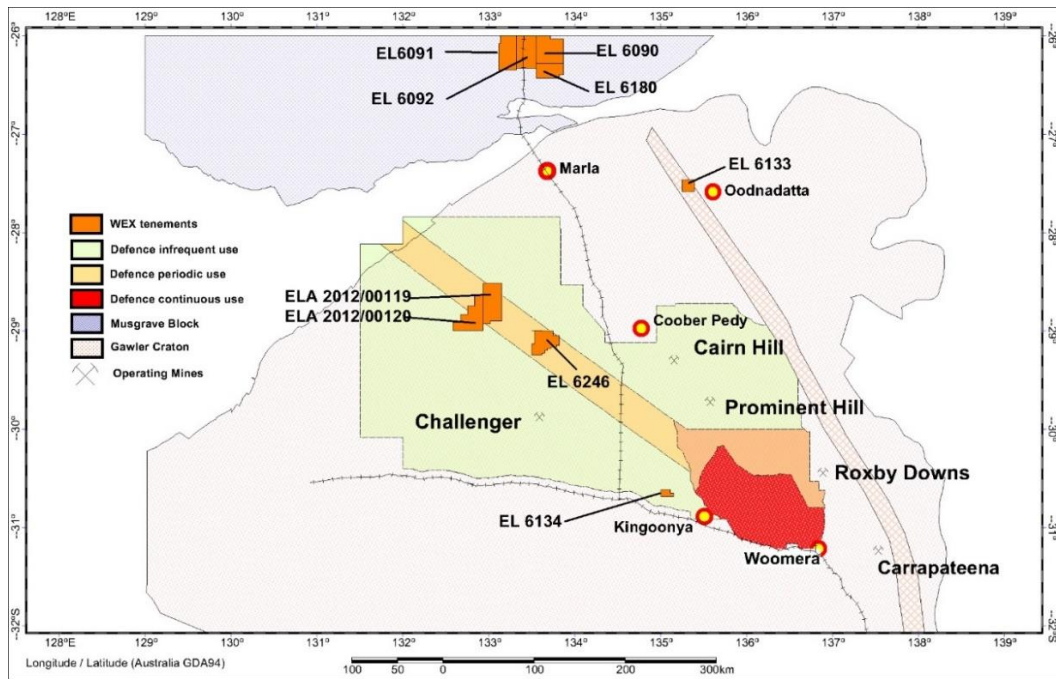


Figure 1 - Location of South Australian exploration licences

## Musgrave Province – Alcurra-Tieyon Project

EL 6180 is one of four tenements in the Company’s Alcurra-Tieyon project in the Musgrave Province and this Project is the subject of a previously documented Joint Venture with OZ Minerals Ltd.

The JV partners are currently conducting a ground Moving Loop Electromagnetic (MLEM) survey utilising state of the art “SQUID” technology. Both Inloop and Slingram data has been acquired at 500 stations representing over 100 line kms of MLEM traverses (Figure 2). A further 12 line kms will be collected to complete the first pass over six magnetic anomalies that were previously identified (ASX release 16 August 2018). Station spacing over zones of anomalous conductivity will now be reduced from 200m to 50m to further delineate causative bodies to fine tune drill hole locations for a 4,000m RC drilling program which will commence immediately following the acquisition of infill data in late October 2018.

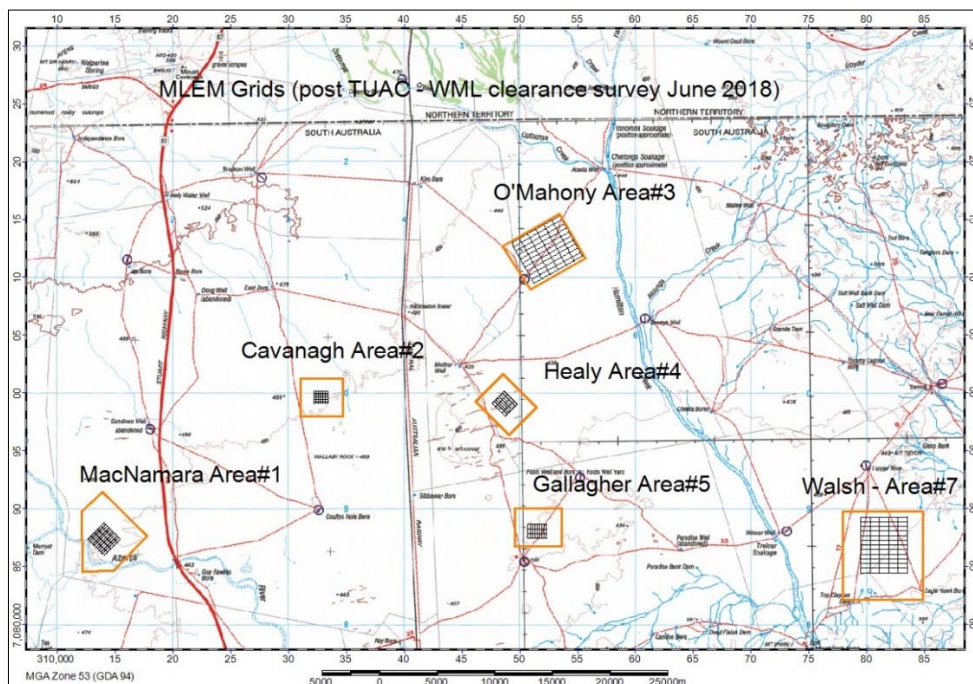


Figure 2 – MLEM survey locations

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# Nawa Project

EL 6246 hosts coincident magnetic and gravity anomalies (Figure 3) that extend for approximately 12 kms in an area dominated by metasediments and ironstone. Previous exploration by BHP concluded that the underlying rocks are part of the Mount Woods complex, which hosts Prominent Hill.

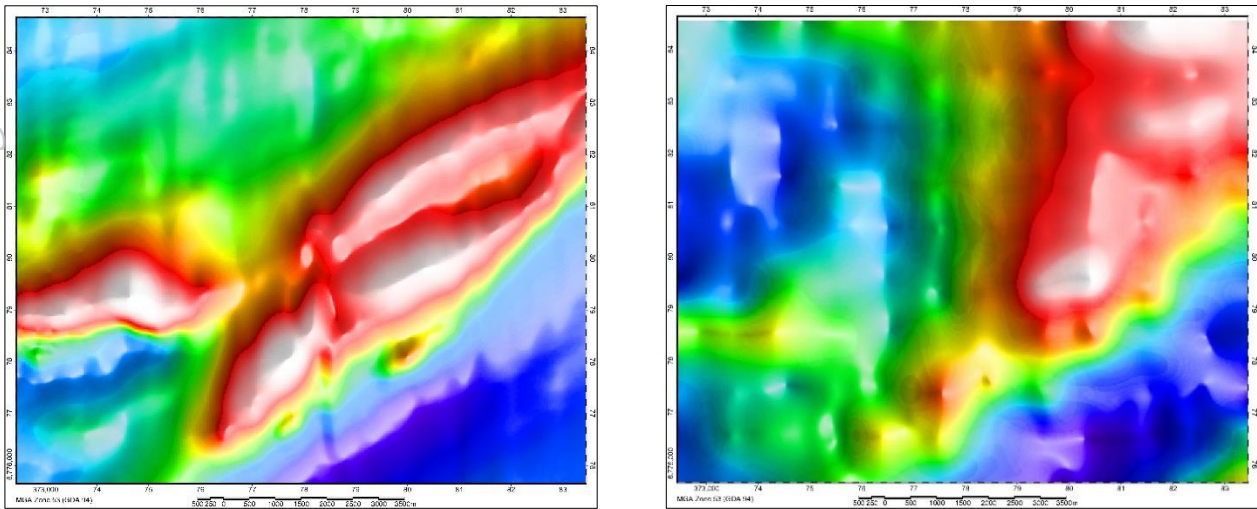


Figure 3 – Left: Magnetic intensity

Gravity

Woomera Mining has conducted 3D magnetic and gravity inversion using data published by the Geological Survey of South Australia to produce the model shown in Figure 4.

Woomera Mining has initiated negotiations with the Antakirinja Matu-Yankunytjatjara Aboriginal Corporation with the aim of executing a Native Title Mining Agreement needed in order to undertake exploration activities.

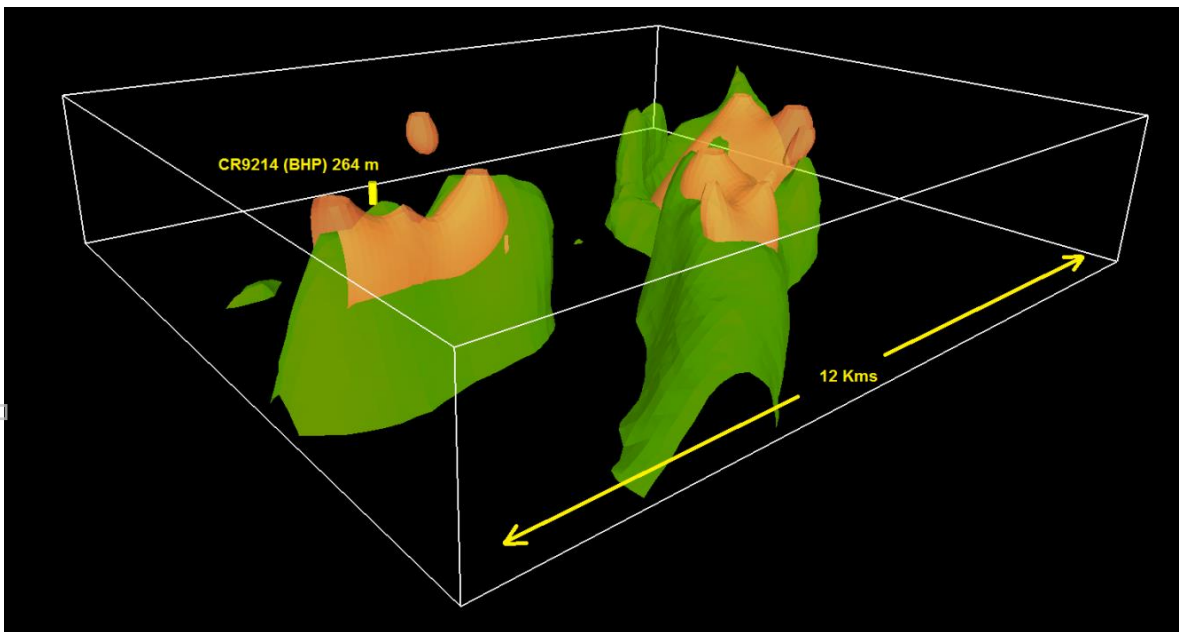


Figure 4 – Green: Magnetic susceptibility and Brown: Density contrast

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### **About Woomera Mining Limited**

Woomera Mining Limited (Woomera) is an ASX listed exploration company based in Adelaide, South Australia with an extensive minerals tenement portfolio prospective for Copper, Lithium, Gold, Uranium, Iron Ore, Nickel and Cobalt. The Woomera tenement package includes four tenements in the Musgrave Province of South Australia with several drill ready targets (**Musgrave Project**) which is the subject of a binding Heads of Agreement with Oz Minerals (ASX: OZL) where Oz Minerals can elect to expend up to \$7.5m in exploration to gain up to 75% of the Joint Venture in the Musgrave Province with Woomera. Five tenements make up the Gawler Craton package (**Gawler Craton Project**) which are prospective for IOCGU deposits, Cu-Ni-Co deposits, RE and Precious Metals. Woomera's tenement portfolio also includes 8 granted tenements and 4 tenement applications including 2 tenements and 1 tenement application in the Pilbara region of WA (**Pilgangoora Lithium Project**), 2 lithium tenements and 1 tenement application near Ravensthorpe (**Mt Cattlin Lithium Project**), 1 lithium tenement and 1 tenement application at Cowan and several WA lithium brine prospects over Lakes Tay, Sharpe, Dundas and Dumbleyung (**Lakes Lithium Projects**).