



17 June 2019

ASX Announcement

ETHNOGRAPHIC SURVEY CLEARS PLANNED PILGANGOORA RC DRILLING PROGRAM

Highlights

- Woomera Mining and representatives of the Njamal Native Title Claimants completed an on-country ethnographic survey of Woomera's Magpie Range South Exploration Program, within the Njamal native title claim, Pilbara, Western Australia.
- The ethnographic survey involved an anthropologist from Heritage WA, representatives from Njamal Heritage Services and Woomera Mining management.
- The objective of the fieldwork was to identify and record any Aboriginal heritage sites within the Magpie Range South Exploration Program survey area.
- During the ethnographic survey no Aboriginal heritage sites were recorded.
- The completed Heritage Report made the following recommendations:

 - The area surveyed for the Magpie Range South Exploration Program does not contain any Aboriginal heritage sites.
 - Works within the area surveyed for the Magpie Range South Exploration Program can proceed without impacting any Aboriginal heritage sites.
 - Woomera Mining continue discussions with Njamal Heritage Services about whether monitoring of initial earthworks will occur.

Woomera Mining Limited (ASX: WML, 'Woomera' or 'the Company') is pleased to announce that an Ethnographic Heritage Survey was undertaken by representatives of the Njamal Native Title Claimants, Heritage WA and representatives of Woomera on 4th June 2019. All 11 proposed drill sites were cleared for drilling.

The Magpie Range Project is located on 100% owned tenements approximately 100km south east of Port Hedland in the Pilgangoora region which is known as one of the world's richest pegmatite-hosted lithium provinces. Rock chips and gridded 400m x 400m soil sampling demonstrated that the area contained evolved pegmatites carrying anomalous lithium, caesium and tantalum.

Geological mapping recorded numerous pegmatites of variable widths and lengths occurring within the Project Area. Several dozen pegmatites were observed, and it is likely that many more are present given the limited outcrop in the areas mapped and sampled.

The results indicate that the Project Area is prospective for lithium-caesium-tantalum pegmatites, more complex petalite-lepidolite-elbaite-amblygonite pegmatites and for rare earth allanite-monazite pegmatites (Refer WML ASX Release dated 21 December 2018).

A second more comprehensive soil sampling and rock chip program was completed between 20 February and 3 March 2019 (Refer WML ASX Release dated 14 March 2019).

The second sampling program identified broad lithium anomalism in the north, south and eastern margins of E45/4790 at Areas K, I, D, and H. Zones of lithium anomalism are also observed centrally at Areas M and F (Figure 1).

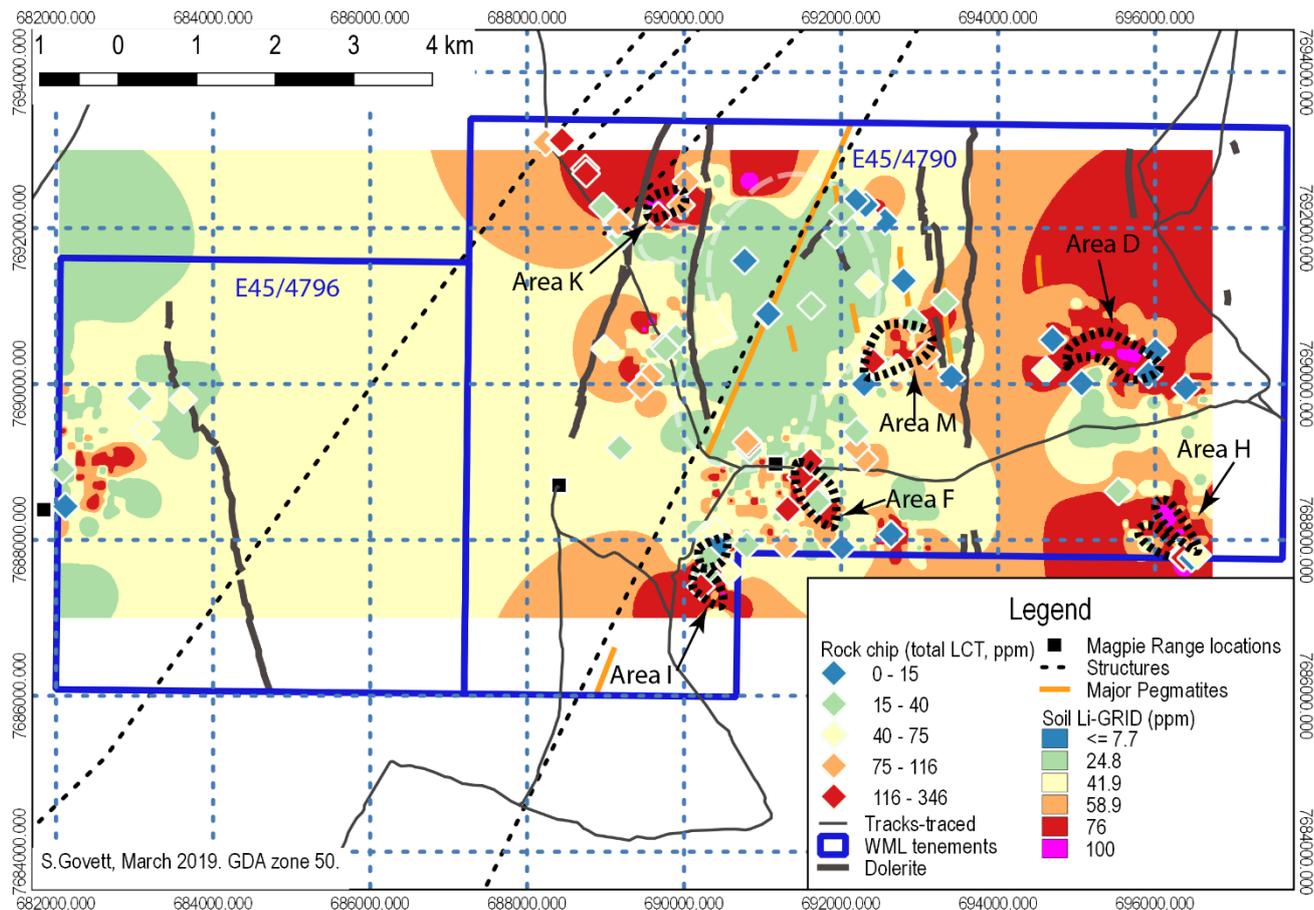


Figure 1. Lithium map produced for E45/4790 and E45/4796 from field data collected from work programs 1&2. Anomalous areas are also displayed with magenta representing the most anomalous areas.

EL 45/4790 hosts a large oval-shaped area (3.5km x 2.5km) of greisen with a core of 2km x 1.5km of intense greisenisation. In the greisen, pervasive hydrothermal alteration has led to the replacement of feldspars by fine to coarse grained muscovite, epidote, trace chlorite and garnet. Biotite is also locally replaced by muscovite, chlorite and epidote.

The greisen area hosts numerous flat lying, high angle pegmatite and zeolite veins.

Drilling Planned for August/September 2019

A total of 11 RC drill holes are planned to be drilled across areas of anomalous lithium identified in soil and rock chip sampling. The details of the proposed drilling were outlined in an ASX Release dated 3rd April 2019.

Hole ID	Easting	Northing	Declination (deg)	Azimuth (deg)	Total Depth (m)
RCI292E756N	690292	7687756	-60	020	100
RCI487E508N	690488	7687508	-60	220	100
RCI286E806N	690287	7687806	-60	020	140
RCX174E085N	689075	7692085	-60	180	80
RCX875E876N	696069	7688876	-60	200	80
RCH395E817N	696395	7687817	-60	200	100
RCF485E811N	691485	7688811	-60	180	100
RCD002E399N	696002	7690399	-60	045	100
RCF873E166N	690873	7689166	-60	020	70
RCL613E797N	689613	7690797	-60	160	60
RCX167E084N	689167	7692084	-60	180	60

Table 1. RC Drill Holes planned to be drilled August/September 2019

The collar locations of the proposed RC drill holes are shown below in Figure 2.

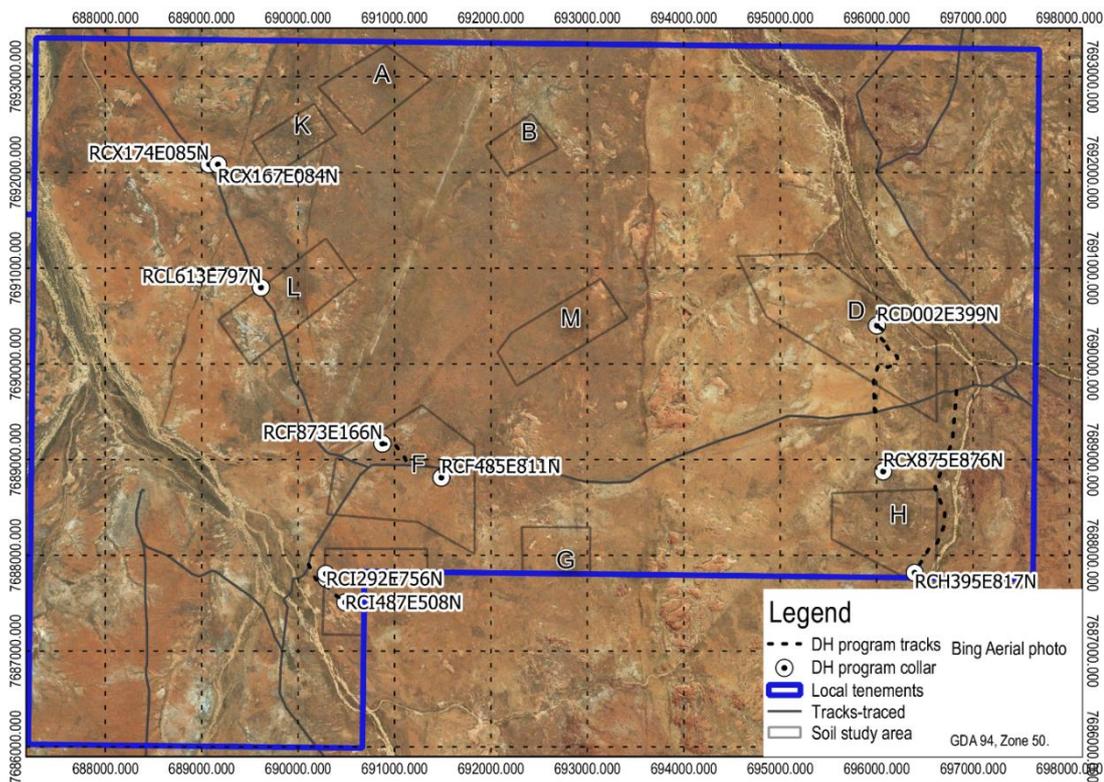


Figure 2. Plan of the collar locations of the 11 proposed RC drill holes. NB Hole RCI286E806N is not plotted as it will overprint the other Area I collars.

Next Steps

Indicative timing of planned works:

1. Submit a Works Program to the Department of Mines, Industry Regulation and Safety June 2019
2. Issue drill tender July 2019
3. Appoint drilling contractor Aug 2019
4. Conduct drilling program Aug/Sept 2019

COMPETENT PERSONS STATEMENT

The exploration results reported herein, insofar as they relate to mineralisation, are based on information compiled by Mr Gerard Anderson, Managing Director of Woomera Mining Limited. Mr Anderson is a Member of the Australasian Institute of Mining and Metallurgy who has over forty-two years of experience in the field of activity being reported. Mr Anderson has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' relating to the reporting of Exploration Results. Mr Anderson consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

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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 mineral tenement portfolio prospective for Copper, Lithium, Gold, Uranium, Iron Ore, Nickel and Cobalt. The Woomera tenement package includes tenements in the Musgrave Province of South Australia (**Musgrave Alcurra-Tieyon Project**). The Company also has tenements in the Gawler Craton which are considered prospective for IOCGU deposits, Cu-Ni-Co deposits, rare earth and Precious Metals. Woomera's tenement portfolio also includes 9 granted tenements and 3 tenement applications in Western Australia including 2 tenements and 1 tenement application in the Pilbara region of WA (**Pilgangoora Lithium Project**), 3 lithium tenements near Ravensthorpe (**Mt Cattlin Lithium Project**), 1 lithium tenement and 1 tenement application at Binneringie near Lake Cowan and several WA lithium brine prospects over Lakes Tay, Sharpe, Dundas and Dumbleyung (**Lakes Lithium Projects**).