Woomera Mining Limited

Level 4, 22 Grenfell St
Adelaide
5000
admin@WoomeraMining.com.au
www.WoomeraMining.com.au

3 May 2018 ASX Announcement

WOOMERA MINING LIMITED SECURES NEW WESTERN AUSTRALIAN EXPLORATION TENEMENTS

Woomera Mining Limited (ASX: WML, Woomera) is pleased to announce that the Company has been granted two new tenements, Binneringie located in the SE Yilgarn, and Mt Cattlin located near Ravensthorpe.

The prospectivity of the ground for hard-rock lithium deposits was identified during a recent reconnaissance field program conducted on the Company's Cowan and Ravensthorpe tenements. That reconnaissance, coupled with the knowledge that the ground was available for mining, led to the applications being made for the two new tenements.

The two new tenements add to the Company's existing ten tenements in Western Australia considered by the WML to be prospective for hard-rock lithium and lithium brines.

The Binneringie Project

The WML Binneringie project is located along the northern shore of Lake Cowan and the western margin of a NNW trending Archaean Greenstone Belt (the Norseman-Wiluna Belt), in the Kambalda Domain of the Eastern Goldfields in Western Australia.

Figure 1. Location of WML's existing E15/1532 and the new tenement E15/1652

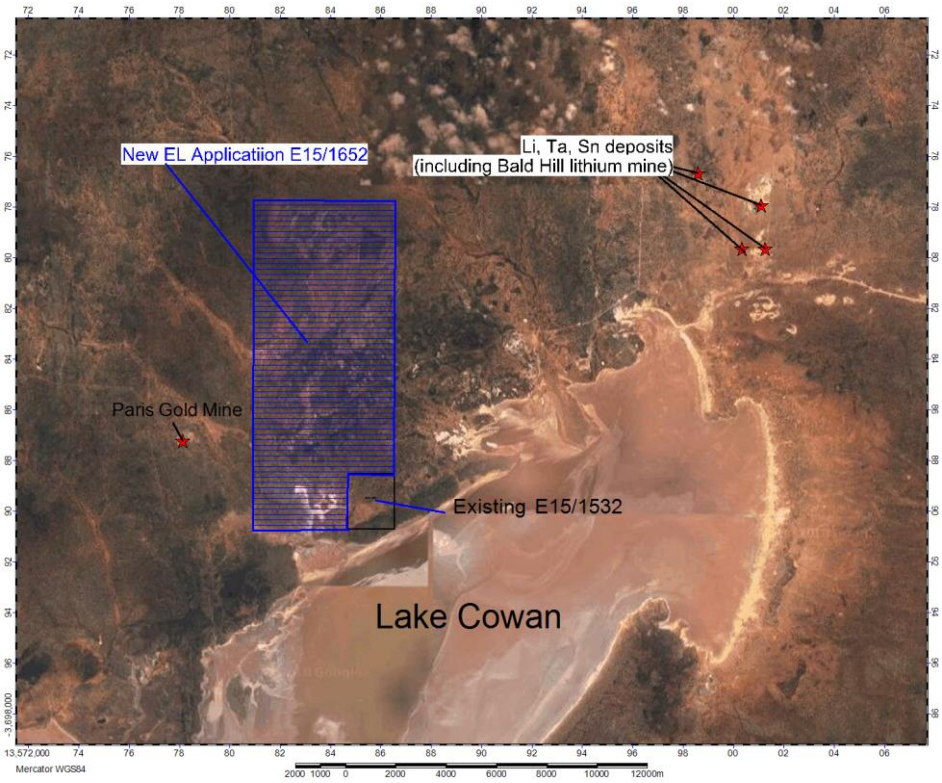
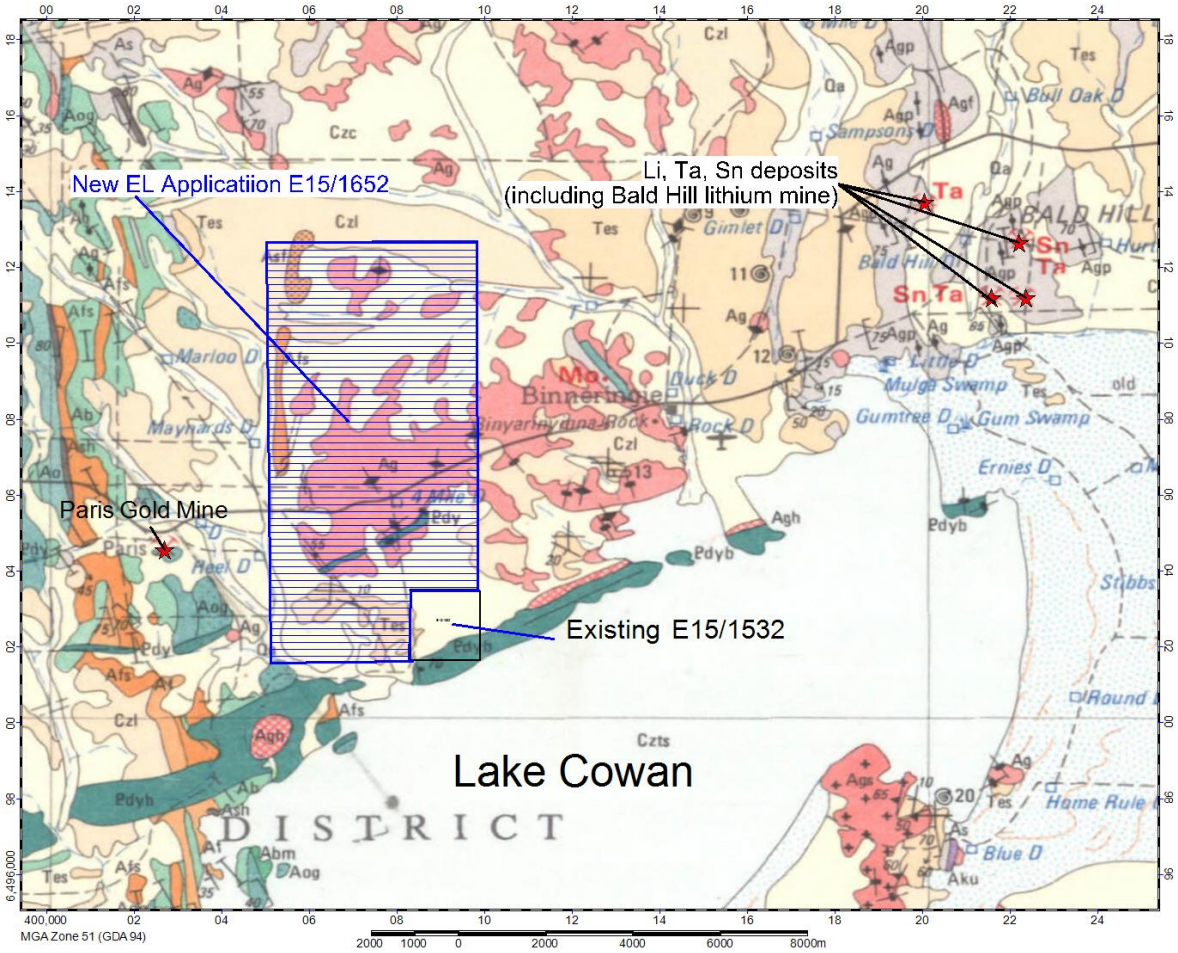


Figure 2. Location of WML's existing E15/1532 and the new tenement E15/1652 relative to prospective geology



On a regional scale the Kambalda Domain's gold endowment is considerable, hosting the largest gold mines in the region, including the Golden Mile, New Celebration and the St Ives Gold Mines. The area is underlain by a sequence of strongly folded and faulted metamorphosed Archaean volcanics and intrusives, which have been intruded by Archaean granitoids and Proterozoic gabbro/dolerite dykes (the largest being the Binneringie Dyke which cuts through the project area).

Locally Archean granitic rocks are dominated by massive to moderately foliated monzogranites to quartz monzonites.

The 50 km^2 project area is under explored, and there is no record of systematic lithium focused exploration in the project area.

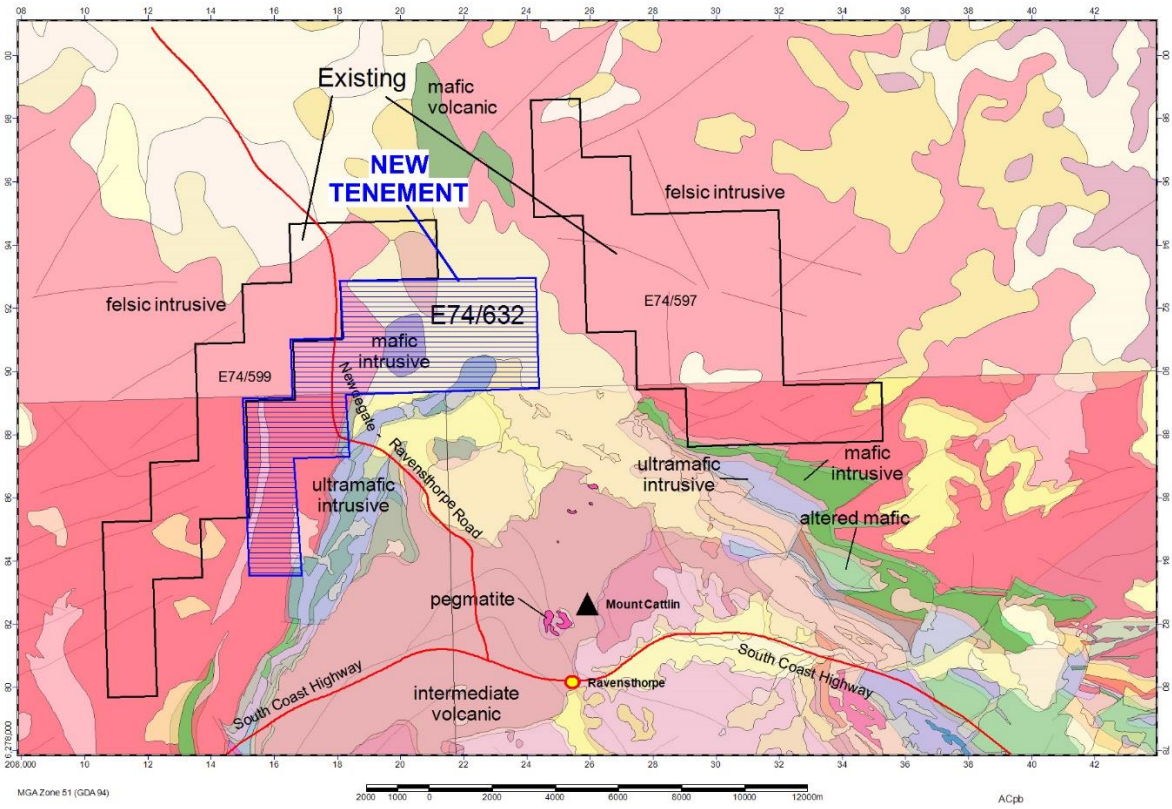
Pegmatite hosted mineralization at Bald Hill lithium-tantalum mine is located approximately 15km to the east of the proposed tenure and has a maiden Indicated and Inferred Mineral Resource estimate of 12.8Mt at 1.18% Li2O and 158ppm Ta2O5 at a 0.5% Li2O cut-off (Tawana website).

Based on proximity to Bald Hill and references by GSWA (2008) to the abundance of pegmatite dykes, WML considers that there is potential for hard rock pegmatite hosted mineralisation, warranting further investigation.

Mt Cattlin Project

The WML Mt Cattlin Project is located along the boundary of the Ravensthorpe Terrane which forms part of the Archaean Ravensthorpe greenstone belt, which lies along the boundary between the Youanmi and Southwest regional terranes of the Yilgarn Craton.

Figure 3. Location of WMLs new tenement E74/632 relative to WML's existing Mt Cattlin tenements



Witt (1998) subdivided the Ravensthorpe greenstone belt into three tectonostratigraphic terranes:

1. The Carlingup Terrane to the east which comprises metamorphose mafic rocks with minor felsic volcanics.
2. The Ravensthorpe Terrane, which host the Mt Cattlin deposit, forms the central portion a calc-alkaline intrusive/extrusive complex, comprising the Manyutup Tonalite and the Annabelle volcanics.
3. The Cocanarup greenstones to the west, which consists mainly of metasediments with lesser ultramafic and mafic rocks.

Locally the geology is dominated by gneissic granitoid rocks including trondhjemite, tonalite, granodiorite, and syenogranite. The south western boundary of the EL abuts mafic and ultramafic volcanics of the Carlinup Terrane. Numerous proterozoic mafic dykes cross the EL trending in a south west – north east direction.

The Mt Cattlin project is considered prospective for hard rock lepidolite and spodumene mineralisation based primarily on geological and structural analogues drawn from Galaxy's Mt Cattlin Lithium deposit located approximately 10km to the south.

The 37 km^2 project area is under explored, and there is no record of previous lithium focused exploration in the project area. The application area lies on the boundary of the favourable Ravensthorpe greenstone belt and GSWA mapping indicates that structurally controlled lithium hosted pegmatites are widespread throughout the area.

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.

Gerard Anderson
Managing Director
Woomera Mining Limited

Peter Taylor
Investor Relations
0412 036 231
Peter@nwrcommunications.com.au

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 two tenement applications including 3 tenements in the Pilbara region of WA (**Pilgangoora Lithium Project)**, 2 lithium tenements near Ravensthorpe (**Mt Cattlin Lithium Project)** and several WA lithium brine prospects over Lakes Tay, Sharpe, Dundas, Cowan and Dumbleyung (**Lakes Lithium Projects).**