



ASX RELEASE

30<sup>th</sup> July 2014

ASX: MGV

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## Musgrave Successful in Ballot for Fraser Range Tenement

- **New 100% owned exploration licence application located in the Fraser Range that hosts the world class Nova-Bollinger nickel-copper sulphide deposits.**
- **Tenement covers approximately 180km<sup>2</sup> and is adjacent to the Trans Australian Railway Line.**
- **Compelling high priority magnetic targets identified for follow-up exploration.**

Musgrave Minerals Ltd (“Musgrave Minerals” or “the Company”) (ASX: MGV) is pleased to announce that it has been successful in a ballot for Fraser Range tenement EL 28/2405 in Western Australia, now named the Mamba Project. The Company was in the ballot with 10 other applicants which went before the WA Department of Mines and Petroleum’s Wardens Court on 18<sup>th</sup> July 2014. Musgrave has won and now accepted 61 blocks covering approximately 180km<sup>2</sup>.

The new tenement application (EL28/2405) is in the same belt as the world class Nova-Bollinger nickel-copper sulphide discoveries of Sirius Resources NL (ASX: SIR) in south-eastern WA. The tenement is along strike from Sirius’ Nova deposit and only 5km from the Trans Australian rail line (Figure 1).

Musgrave’s technical team has commenced reviewing previous exploration conducted on the tenement and has identified compelling targets within the regional aeromagnetics that warrant follow-up exploration. These magnetic targets are comparable in shape and size to Sirius’s Nova “Eye” feature (Figure 2).

The Mamba Project is located on a significant regional gravity high, which is interpreted to represent a large accumulation of mafic rocks prospective for massive nickel-copper sulphide mineralisation.

Managing Director Rob Waugh said, “We are very pleased with the positive ballot outcome for the tenement in a very competitive process. The tenement is in an exceptional location within the very prospective Fraser Range and we look forward to commencing exploration when the tenement is granted.”

Previously, the area covered by Musgrave Minerals’ application E28/2405 was held by Ponton Minerals Pty Ltd and was subject to a five year compulsory partial surrender in late 2013 prompting widespread interest amongst explorers.

Musgrave is in a strong financial position with \$6.1M in cash to conduct an aggressive exploration campaign over the new Mamba Project tenement in the Fraser Range once it is granted. Upon grant Musgrave will undertake detailed surface geochemical and ground electromagnetic surveys prior to drilling.

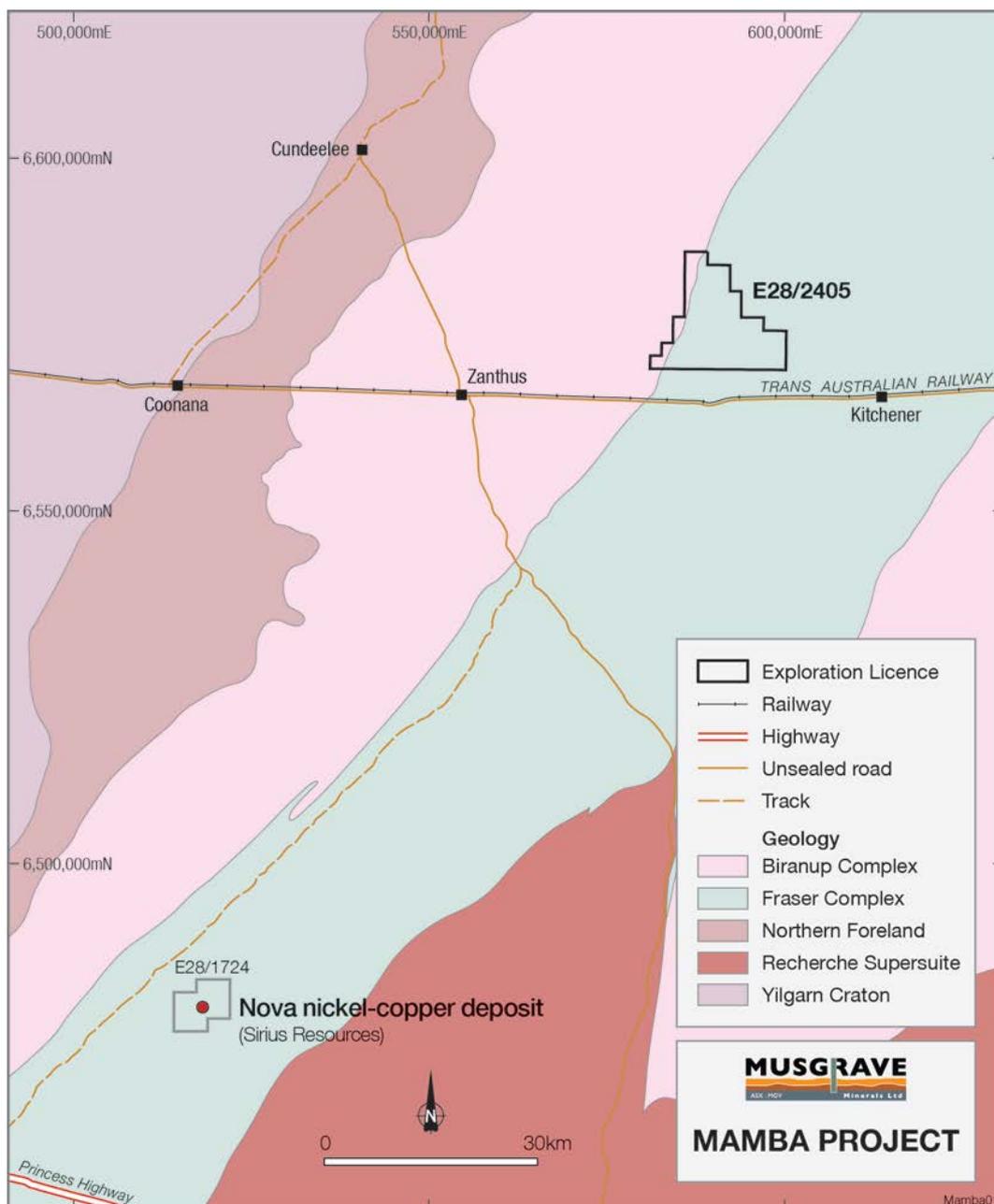


Figure 1: **Location of Musgrave’s new Mamba Project in the Fraser Range**



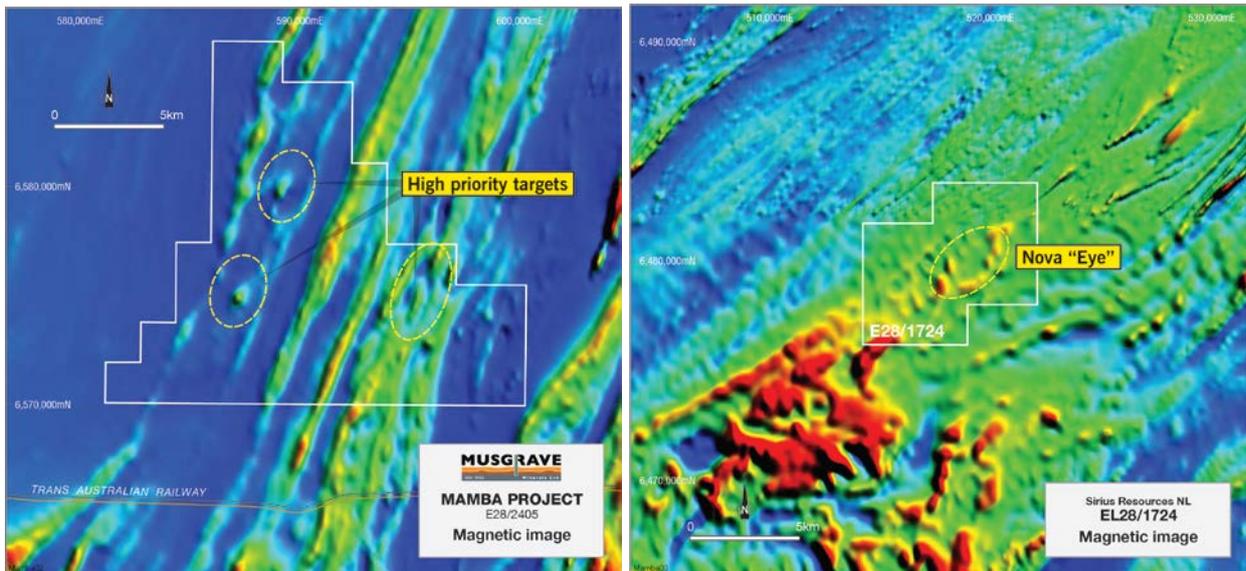


Figure 2a and 2b: **Musgrave’s initial high priority targets (2a – on the left) with Sirius Resources NL’s Nova “Eye” (2b – on the right) are shown on a regional aeromagnetic image for comparison. A similar sized oval shaped geological structure is highlighted on the eastern side of Musgrave’s E28/2405 tenement application along with two separate targets on the western side.**

**Enquiries:**

Robert Waugh  
 Managing Director  
 Musgrave Minerals Ltd  
 +61 8 9324 1061

Robert Gundelach  
 Investor Relations  
 NWR Communications  
 0451 896 420

**Competent Person’s Statement**

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled and/or thoroughly reviewed by Mr Robert Waugh, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Member of the Australian Institute of Geoscientists (AIG). Mr Waugh is Managing Director and a full-time employee of Musgrave Minerals Ltd. Mr Waugh has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration 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’. Mr Waugh consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**About Musgrave Minerals**

Musgrave Minerals Ltd is an active Australian base metals explorer with a large exploration footprint in the Musgrave Province in South Australia, with tenements covering an area of approximately 50,000km<sup>2</sup>. The Company also has an active advanced stage exploration project, Menninnie Dam in the prospective silver and base metals province of the southern Gawler Craton of South Australia. Musgrave has a powerful shareholder base with six mining and exploration companies participating as cornerstone investors.