

Musgrave Commences Fraser Range Exploration

- Musgrave commences detailed aeromagnetic survey at new Fraser Range Mamba Ni-Cu project
- Project in same belt as Nova-Bollinger nickel-copper deposits

Musgrave Minerals Ltd (“Musgrave Minerals” or “the Company”) (ASX: MGV) is pleased to announce that it has commenced a detailed aeromagnetic survey over its new Mamba project in the Fraser Range in Western Australia. The survey will cover the entire 180km² tenement at 100m line spacing.

The new Mamba nickel-copper project (ELA28/2405) is in the same belt as the world class Nova-Bollinger nickel-copper sulphide discoveries of Sirius Resources NL in south-eastern WA. The tenement is along strike from Sirius’ Nova deposit and only 5km from the Trans Australian rail line access corridor (Figure 1).

The Mamba project is in a favourable tectonic setting with very little previous exploration undertaken. Musgrave’s technical team has identified a number of magnetic targets from regional data (Figure 2) that are comparable in shape and size to Sirius’s Nova “Eye” feature. The results from this higher resolution aeromagnetic survey will be used to prioritise targets for follow-up exploration upon grant of the tenement and will include surface geophysical surveys and drilling.

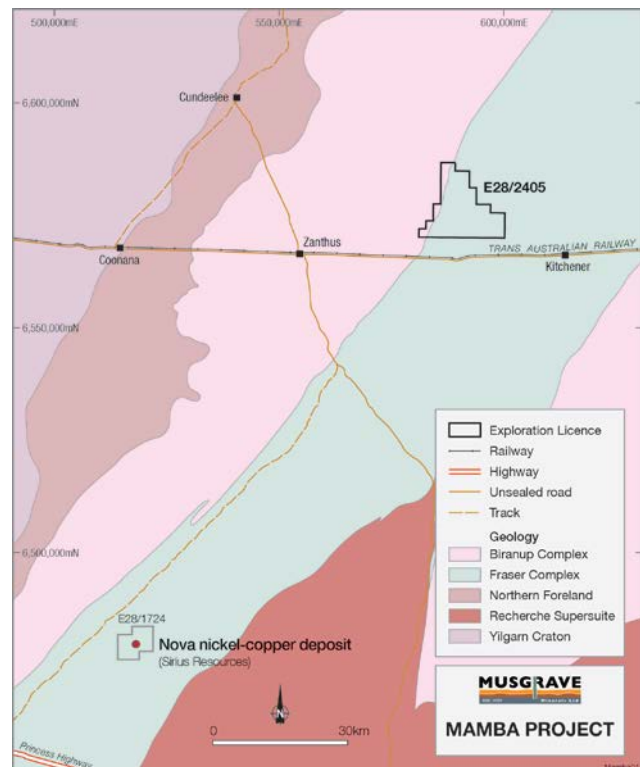


Figure 1: **Location of Musgrave’s new Mamba Project in the Fraser Range**

Musgrave's Managing Director Rob Waugh said: "The detailed aeromagnetic data will allow better targeting of systematic on ground exploration including aircore drilling and ground geophysical surveys. These techniques have proven successful elsewhere in the Fraser Range. The tenement is expected to be granted in the first quarter 2015."

The survey will take 4-5 days to complete with results available in late September.

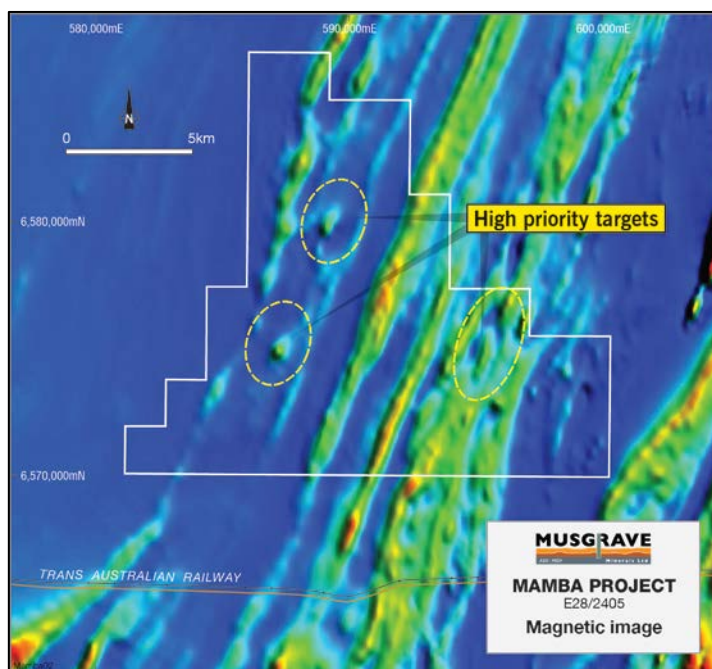


Figure 2. **Musgrave's tenement E28/2405 in the Fraser Range of WA showing initial high priority targets on broad spaced regional aeromagnetic data.**

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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 50,000km². The Company also has a new Ni-Cu sulphide project in the highly prospective Fraser Range of Western Australia and 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.

Musgrave Project

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Section 2 Reporting of Exploration Results

Criteria	Explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	All data is within Mamba Project tenement E28/2405 in the Fraser Range of Western Australia. E28/2405 is 100% Musgrave Minerals Ltd. There is no Native Title claim over the tenement.
	<i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i>	The tenement application is in good standing and no known impediments exist.
<i>Exploration done by other parties</i>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	Historical drilling on this tenement has been limited to a small number of shallow aircore holes covering the a 1sqkm area in the north-east corner of the tenement completed by a previous explorer.
<i>Geology</i>	<i>Deposit type, geological setting and style of mineralisation.</i>	Musgrave is exploring for multi commodity style deposits consistent with low MgO magmatic Ni-Cu sulphide systems and Proterozoic gold mineralisation.
<i>Drill hole Information</i>	<i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: .</i>	No drilling has been undertaken by the owner or referred to in this report.
<i>Data aggregation methods</i>	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i>	No drilling has been undertaken by the owner or referred to in this report.
<i>Relationship between mineralisation widths and intercept lengths</i>	<i>These relationships are particularly important in the reporting of Exploration Results.</i>	No significant mineralisation has yet been identified on the tenement
<i>Diagrams</i>	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	Refer to figures in the body of this report.
<i>Balanced reporting</i>	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	No drilling has been undertaken by the owner or referred to in this report.
<i>Other substantive exploration data</i>	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	A fixed wing aeromagnetic and radiometric survey has commenced over the entire tenement area of E28/2405 by Thomson Aviation. The survey comprises 2136 line km of data, with an E-W line orientation at 100m line spacing and nominal sensor height of 35-40m. The grid system used is GDA94 Z51
<i>Further work</i>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	A range of exploration techniques are being considered to progress exploration including drilling.
	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	Refer to figures in the body of this report.