



ASX ANNOUNCEMENT
29 June 2022

REDSTONE COMMENCES SECOND PHASE DRILLING AT WEST MUSGRAVE PROJECT

HIGHLIGHTS

- Redstone has commenced the second phase of a reverse circulation (RC) drilling programme (the Programme) at the Company's 100% owned West Musgrave Copper Project (the Project).
- This second phase of the Programme will include approximately 5,000m of RC drilling to further test the anomalous copper at the EM5 Target, combined with two other EM5 'look-a-like' magnetic anomalies, as well as at the Tollu copper veins and surrounding prospective Target Areas targeting copper mineralisation.
- The Programme will include deep (300m+) holes.
- Target EM5, is an EM target coincident with a large circular magnetic anomaly located 7.2km north east of the Tollu copper vein deposit (Tollu). Previous drilling at the EM5 Target intersected a large gabbroic intrusion over 400m in diameter bearing a thick sequence of anomalous disseminated copper sulphides, continuous for 95m (up to 0.06% copper) from 66m downhole (TLC170) (ASX announcement 6 July 2020).
- The second phase deeper RC holes will also test magnetic anomalies for the presence of potential nickel-cobalt-copper bearing ultra-mafic or similar rocks within the Project area.
- This next phase follows from an initial 3,000m of shallow RC drilling to a maximum depth of 250m undertaken in November 2021, which included drilling at the Forio and Chatsworth Prospects (ASX announcements 10 November 2021 and 23 November 2021).
- Further evaluation of the broader highly prospective West Musgrave Project has the potential to add to its current JORC compliant Tollu copper resource (3.8 million tonnes at 1% Cu, containing 38,000 tonnes of copper¹), both at Tollu and areas outside of Tollu.

Redstone Resources Limited (ASX Code: RDS) ('Redstone' or the 'Company') is pleased to announce that it has commenced the second phase of reverse circulation (RC) drilling (the 'Programme') on the Company's 100% owned West Musgrave Project (the 'Project'). The second phase follows-on from the first phase completed in late 2021 and will consist of approximately 5,000m of drilling (including deep drilling at 300m+ depths). The Programme includes drilling the EM5 Target and two other EM5 'look-a-like' magnetic anomalies, as well as at the Tollu copper veins and surrounding prospective Target Areas. The drilling will target copper mineralisation but also test for rock types that have the potential to host nickel-cobalt-copper mineralisation.



Further evaluation of the Tollu Copper Project, surrounding Target Areas and the broader West Musgrave Project, has the potential to add to the Company's Tollu copper resource of **3.8 million tonnes at 1% Cu, containing 38,000 tonnes of copper**¹ (ASX announcement of 15 June 2016).

TARGET EM5 – 7.2KM NORTHEAST OF TOLLU AND SIMILAR MAGNETIC ANOMALIES

Target EM5, is an EM target coincident with a large circular magnetic anomaly located 7.2km northeast of the Tollu copper vein deposit (**Tollu**). Previous drilling at the EM5 Target intersected a gabbroic rock bearing a thick sequence of anomalous disseminated copper sulphides, continuous for 95m (up to 0.06% copper) from 66m downhole (TLC170) (**Figure 1**) (ASX announcement 6 July 2020). The current drilling will test for an increase in concentration of this copper mineralisation at depth.

The Programme will also test at depth similar magnetic features located within the Project including a cigar shaped anomaly only 800m SE of the EM5 Target and which may be related to the EM5 rocks from SE trending lineaments in the magnetics. Drilling will also test a circular magnetic anomaly in the north of the Project known as 'Hot Spot' (refer to **Figure 1**).

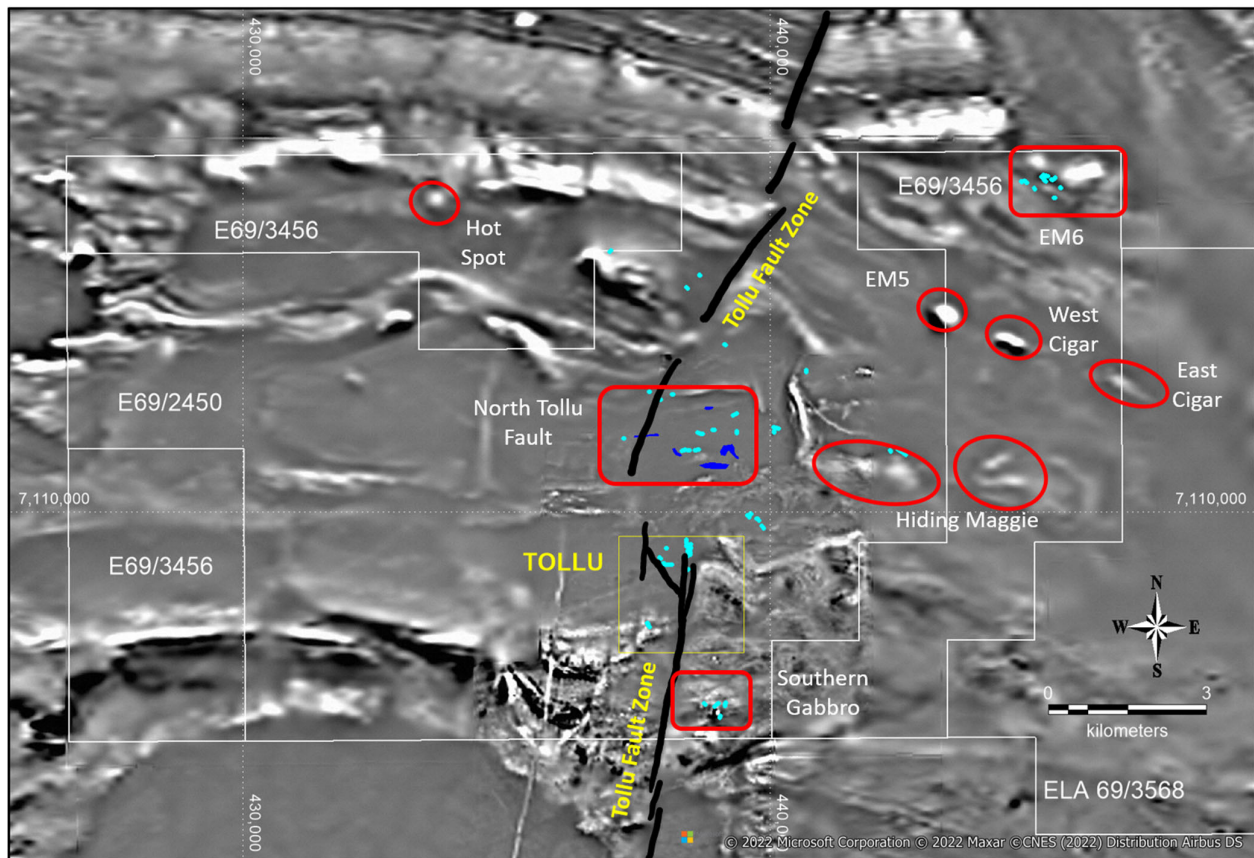


Figure 1 - Location of Target Areas of interest for the second phase Programme.



HIDING MAGGIE MAGNETIC TARGET

The Hiding Maggie target is an E-W oriented untested magnetic rock unit with a number of elevated magnetic centres, seemingly a late magnetic intrusive, that coincides with a district scale E-W linear feature in the magnetics that could be a large shear zone. All these features are covered by recent sedimentation and weathering and so have no surface expression. The major E-W lineament is coincident with the orientation of the Tollu sub-basin and the interpreted rifting responsible for the Tollu volcanic package. A strong near surface airborne EM anomaly that also trends across the E-W lineament, probably related to the recent cover sequence, hides any potential EM anomaly that may exist at depth. Drilling will aim to identify and characterise the geology and test the magnetic intrusive and its contacts with the surrounding rocks for copper or nickel-cobalt-copper mineralisation potential.

TOLLU COPPER VEIN DEPOSIT

Following on from the success of the initial phase of shallow RC drilling undertaken at the Chatsworth and Forio Prospects in late 2021 (ASX announcements 10 November 2021 and 23 November 2021) it is planned to further test the Tollu Copper vein system with deeper drilling in similar locations. Drilling will focus on testing extensions of the high grade copper mineralisation at Forio and in the central area of Chatsworth.

It is expected that the second phase drilling will take approximately 5 weeks to complete. Although in-field hh-pXRF results will be available, long delays at geochemical laboratories within Australia make forecasting the return of assay results difficult. Redstone looks forward to updating the market as the Programme advances.

This Announcement has been approved for release by the Board of Redstone Resources Limited.

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- ^{1.} Initial JORC 2012 resource of 3.8 million tonnes at 1% Cu, containing 38,000 tonnes of copper at the Tollu Copper Vein Project, West Musgrave (ASX Announcement 15 July 2016).

REDSTONE RESOURCES

Redstone Resources Limited (**ASX: RDS**) is a base and precious metals developer exploring the 100% owned prospective West Musgrave Project, which includes the Tollu Copper deposit, in Western Australia. The West Musgrave Project is located between OZ Minerals' Nebo Babel prospect and Nico Resources' Wingellina Ni-Co project. Redstone is also evaluating the HanTails Gold Project at Kalgoorlie, Western Australia for potential development in the future.



Competent Persons Statement

The information in this document that relates to Redstone exploration results was authorised by Dr Greg Shirtliff, who is employed as a Consultant to the company through Zephyr Professional Pty Ltd. Dr Shirtliff is a Member of the Australian Institute of Mining and Metallurgy and has sufficient experience of relevance to the tasks with which he was employed to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Shirtliff consents to the inclusion in the report of matters based on information in the form and context in which it appears.

The information in this report that relates to Mineral Resource for Tollu, West Musgrave Project was authorised by Mr Darryl Mapleson, a Principal Geologist and full-time employee of BM Geological Services, who were engaged as consultant geologists to Redstone Resources Limited. Mr Mapleson is a Fellow of the Australian Institute of Mining and Metallurgy. Mr Mapleson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to act 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 Mapleson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

ASX Listing Rule Information

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the competent persons findings have not been materially modified from the original announcement referred to in the release.

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include but are not limited to statements concerning Redstone Resources Limited's (**Redstone**) planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should", and similar expressions are forward-looking statements. Although Redstone believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.