



ASX Announcement | 1 July 2021
Rafaella Resources Limited (ASX: RFR)

FLTEM Survey Completed over Midrim Ni-Cu-PGE Project confirms high priority drill target

Investment Highlights

- Following VTEM™ Max conducted in February that defined one particularly strong discrete new anomaly¹, Rafaella Resources engaged Geophysique TMC to conduct a fixed loop time domain electromagnetic (“FLTEM”) survey to accurately determine the target for drill testing.
- The FLTEM survey was completed at the end of May with the data now assessed by Southern Geoscience Consultants Pty Ltd.
- A drill target for the anomaly has been determined and Rafaella Resources is assessing timing for an initial drill campaign.

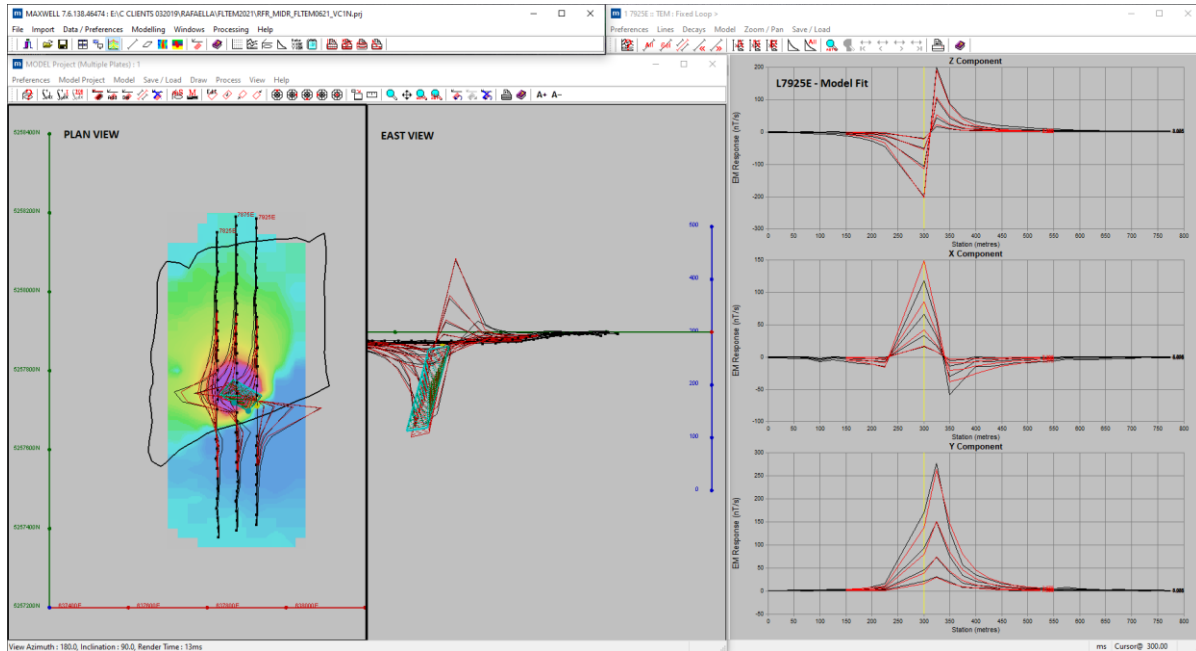
Managing Director Steven Turner said: “The FLTEM survey has confirmed and delineated the VTEM anomaly and the Company is now assessing options to commence a drill campaign focused on the new drill targets. We are looking forward to progressing this exciting new prospect and determining whether this deeper target represents a larger nickel, copper and PGE mineralisation source supporting the high grades already encountered at the shallower depths.”

Rafaella Resources Limited (ASX:RFR) (“Rafaella” or “the Company”) is pleased to announce that Geophysique TMC (“Geophysique”) has completed the FLTEM survey. Furthermore, all data generated from the survey has now been provided and analysed by Southern Geoscience Consultants Pty Ltd (“SGC”).

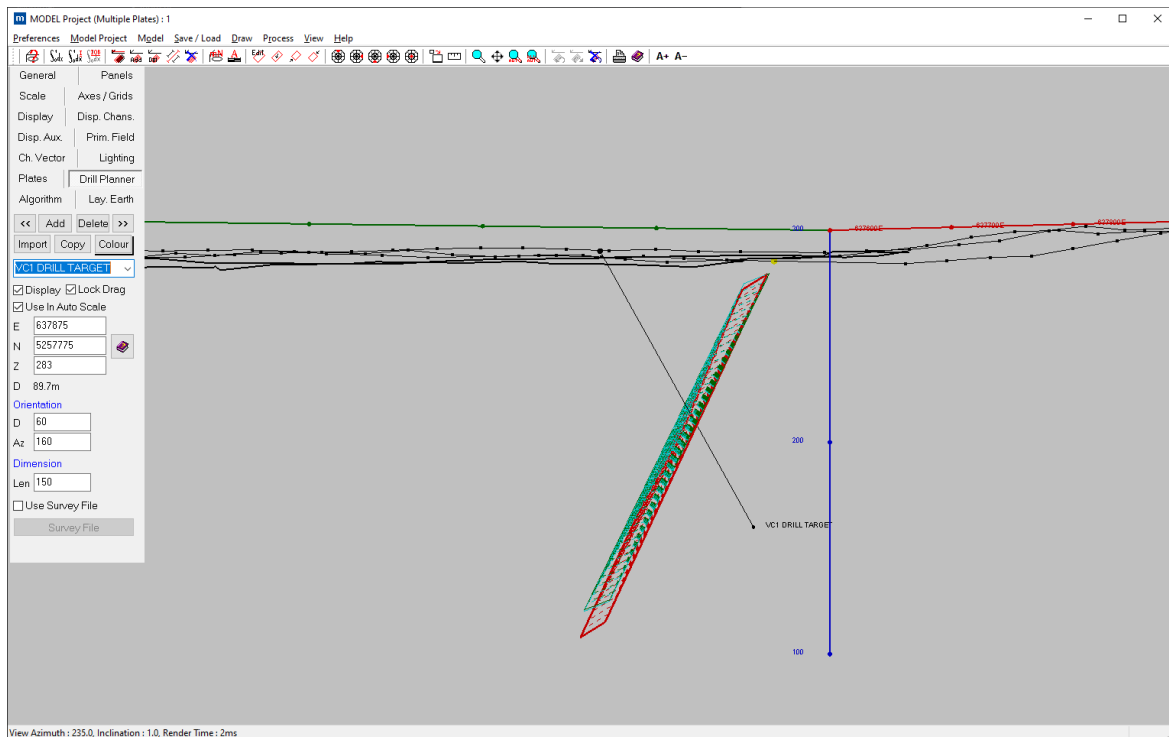
The primary objective of the VTEM™ Max survey conducted in February was to detect potentially blind/deep level bedrock conductors associated with Ni-Cu-PGE mineralisation. In March, the Company announced that the Midrim VTEM™ Max surveying had defined one very strong discrete new anomaly and three clusters of moderate anomalies not previously identified.

SGC has defined the VC1 conductor as having approximately 50m width and 175-200m depth extent with moderate conductance of 500S, steep NW dip/plunge, commencing at a shallow depth of around 25m. SGC has proposed a drill test with a target depth of 75-100m. The conductance levels of this new target are stronger than the known, high grade Midrim and Laforce nickel-copper-PGE sulphide deposits within the Company’s tenement package, giving this new anomaly priority drilling status especially given the current price strength in nickel, copper, platinum and palladium.

¹ Refer to ASX announcement dated 20 March 2021 “Rafaella identifies new priority anomalies following heliborne VTEM and groundfloor EM survey.”



FLTEM Refined Modelling Outcomes - VC1 Conductor - Plan View/East View



FLTEM Refined Modelling Outcomes - VC1 Conductor – Drill Targeting - NW Sectional View

This announcement has been authorised by the Board of Directors of the Company.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

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About Rafaella Resources

Rafaella Resources Limited (ASX:RFR) is an explorer and developer of world-class mineral deposits. Rafaella owns the Santa Comba tungsten and tin development project in Spain, as well as the McCleery cobalt-copper project and the Midrim and Laforce high-grade nickel-copper-PGE sulphide projects in Canada. Santa Comba is located in a productive tungsten and tin province adjacent to critical infrastructure. The McCleery project was previously under-explored and holds significant potential. The Midrim and Laforce projects have had extensive drilling with exciting high-grade intersections offering significant upside for the Company.

To learn more please visit: www.rafaellaresources.com.au

Forward Looking Statements Disclaimer

This announcement contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future development.

Competent Person Statement

The information in this announcement that relates to Geophysical Exploration is based on information compiled by Mr. Russell Mortimer, who is employed as a Consultant to the Company through geophysical consultancy Southern Geoscience Consultants Pty Ltd. Mr. Mortimer is a member of the Australian Institute of Geoscientists (AIG) and a member of the Australian Society of Exploration Geophysicists (ASEG) and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and activities undertaken, 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. Mr. Mortimer consents to the inclusion in the report of matters based on information in the form and context in which it appears.