



ASX Announcement | 27 April 2021
Rafaella Resources Limited (ASX:RFR)

Rafaella signs contract to conduct FLTEM to follow up on Midrim first order anomaly identified in recent VTEM Max survey

Investment Highlights

- Results of the VTEM™ Max conducted in February defined 1 strong discrete new anomaly and 3 clusters of moderate anomalies not previously identified¹.
- Rafaella Resources has engaged Geophysique TMC to conduct a surface fixed loop time domain electromagnetic (FLTEM) survey over the recently identified strong discrete priority anomaly to accurately determine the target for drill testing.

Managing Director Steven Turner said: “The FLTEM survey now commissioned will provide a 3D vector/directional target for drill testing of this high priority deeper anomaly. Midrim and Laforce deposits continue to offer the Company some significant Ni-Cu-PGE upside at a time of increasing interest and prices in these critical metals.”

Rafaella Resources Limited (ASX:RFR) (“Rafaella” or “the Company”) is pleased to announce that it has contracted Geophysique TMC (“**Geophysique**”), a company specialising in geophysical ground data collection, to undertake the FLTEM survey.

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 1 strong discrete new anomaly and 3 clusters of moderate anomalies not previously identified.

The Company has contracted Geophysique to conduct a FLTEM survey on the strong discrete new anomaly identified. The survey is expected to take approximately 3 days (excluding mobilisation and demobilisation) to complete. There are 7 lines planned over the priority target with 50m stations and 50m line spacings, each line being 800m in length. The survey is expected to commence in mid-May.

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

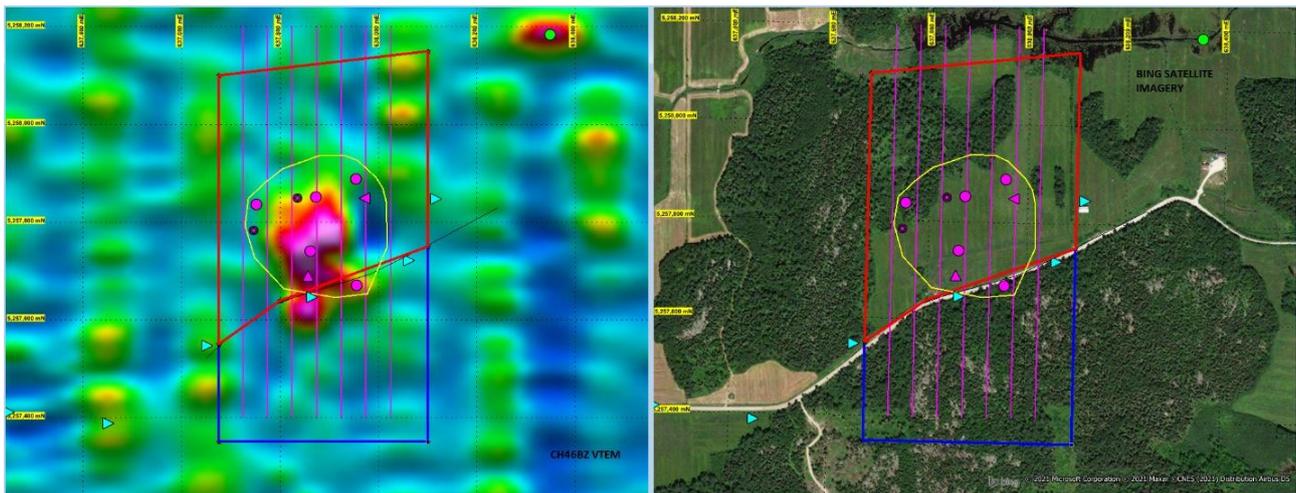


Figure 1: Plan Showing Proposed FLTEM Surveying.

The priority target area is ideally accessible by an all-season access road and open agriculture fields for ease of surveying.

The Company looks forward to keeping the market informed regarding survey results post modelling, Southern Geoscience Consultants will be supervising the FLTEM survey and completing the modelling/interpretation/drill targeting and an independent overview of the local and regional geology will be completed by Tony Donaghy a world-renowned nickel/copper sulphide geologist with CSA Global. Mr. Donaghy has extensive experience in the geology of the area.

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

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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 some exciting intersections and offer 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.