



RAFAELLA
RESOURCES

ASX Announcement | Friday, 7 September 2018 **Rafaella Resources Limited (ASX:RFR)**

Rafaella Announces Completion of First Airborne Geophysics VTEM Survey at its McCleery Project in Canada

Highlights:

- Airborne VTEM Time Domain EM System completed yesterday
- The entire McCleery project including a promising area of talus float to be tested
- The VTEM system is excellent at locating discrete anomalies and mapping variations in resistivity
- VMS and or Skarn Style mineralisation are the key focus
- Data on the entire geochemistry history of McCleery is being compiled into a single database

Exploration company **Rafaella Resources Limited (ASX: RFR)** (“Rafaella”, “the Company”) is pleased to announce the completion of the first airborne VTEM geophysics survey at its wholly-owned McCleery Project in the Yukon Territory, Canada. The survey was carried out by the Canadian geological consulting firm employed by Rafaella (ASX Announcement: 6 August 2018).

The survey was flown from the nearby town of Teslin, Yukon. The project surveyed area consists of 440-line kilometers. The Company looks forward to the data modelling and processing and releasing to the market in due course.

The VTEM system is excellent at locating discrete conductive anomalies, as well as mapping lateral and vertical variations in resistivity. It has a high-sensitivity cesium magnetometer for mapping geological structure and lithology and a cesium magnetometer base station for diurnal correction. The radar altimeter has an accuracy of approximately 1 meter. A real-time (WAAS) GPS Navigation System providing an in-flight accuracy up to 1.5 meters, with the industry’s highest signal/noise ratio and spatial resolution of conductors, unparalleled depth of penetration and the highest resolution.

The Concentric Transmitter – Receiver geometry ensures positive anomaly location, making ground follow-up unnecessary and resulting in huge time savings and cost savings. Data processing and mapping will be done by the company’s in-house Canadian experienced geophysicists, using the latest computer technology and state-of-the-art software.

Rafaella is also in the final process of having the entire geochemistry history at the McCleery project compiled into one database, then mapped and modelled. The geochemistry database will be integrated with the recently completed airborne VTEM data and obvious and discrete anomalies will then be ranked and drilled.

The geochemistry data has never been compiled into one data set and or modelled and, interestingly, the immediate project area has never received any kind of geological survey. As soon as these combined datasets are finalised and peer-reviewed the Company looks forward to updating the market.



**RAFAELLA
RESOURCES**

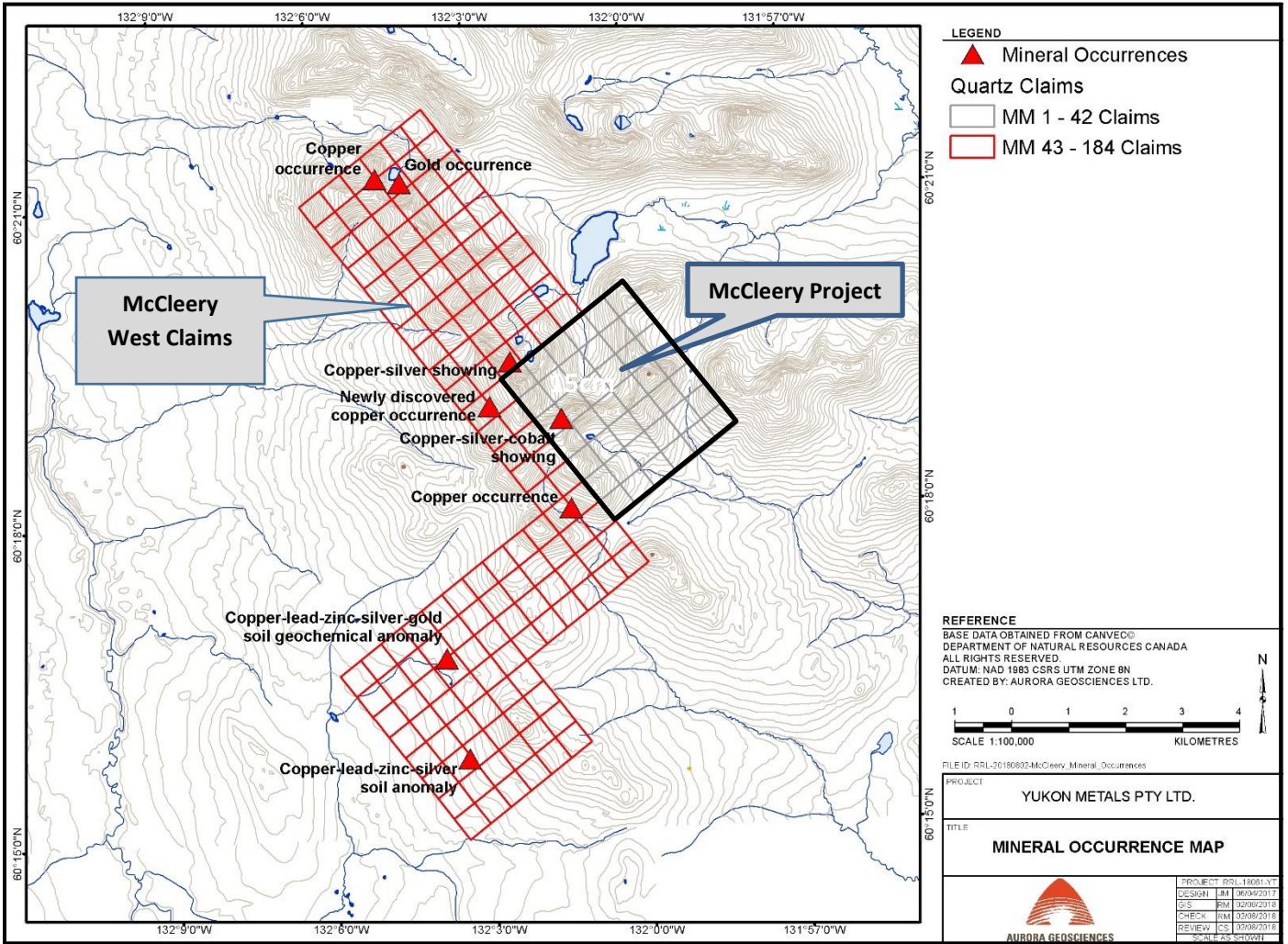


Figure 1. The McCleery project and mapped mineralisation

Rafaela Executive Director Ashley Hood: "We are pleased to have completed this survey ahead of schedule. Combined with the soon to be finalised the geochemistry data compilation, this makes it is a very exciting time for the Company. An expert technical team is combining these data sets and we are optimistic that the airborne VTEM signatures will line up within proximity to mapped surface geochemistry and that decent drilling targets will be generated. We look forward to the informing the market of the results of this research, the most comprehensive ever executed at this project."

Ends



For further information, please contact:

Rafaella Resources

Ashley Hood

Executive Director

Ph: 0427 268 999

E: ashley.hood@rafaellaresources.com.au

Media & Investor Enquiries

Julia Maguire

The Capital Network

M: +61 419 815 386

E: julia@thecapitalnetwork.com.au

About Rafaella Resources

Rafaella Resources Limited (ASX:RFR) is a junior exploration company which owns the McCleery cobalt and copper project in the Yukon territory Canada, and the Sandstone gold project in Western Australia. The Company was established with the purpose of exploring and developing gold, cobalt, copper and other mineral opportunities. Rafaella sees the McCleery and Sandstone projects as having excellent potential due to being under-explored, with limited drilling and exploration completed at the sites to date.

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

Competent Persons Statement

The information in this announcement that relates to Exploration Results has been compiled under the supervision of Mr Bill Oliver, a consultant to the Company. Mr Oliver is a Member of the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. He has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 (JORC Code). Mr Oliver consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Hand specimen observations were provided to the Competent Person by Carl Schulze, Senior Project Manager (Geology) for Aurora Geosciences, Canadian consultants to the Company. Mr Schulze is a Professional Geoscientist in good standing with APEGBC, APGO and NAPEG, Recognised Professional Organisations under the JORC Code.

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 developments.