



## **SIGNATURE RESOURCES IDENTIFIES EXTENSIVE GOLD TARGET AREAS**

### **GEOPHYSICS DEFINES LARGE AREA MIRRORING THE LINGMAN LAKE GOLD ZONES**

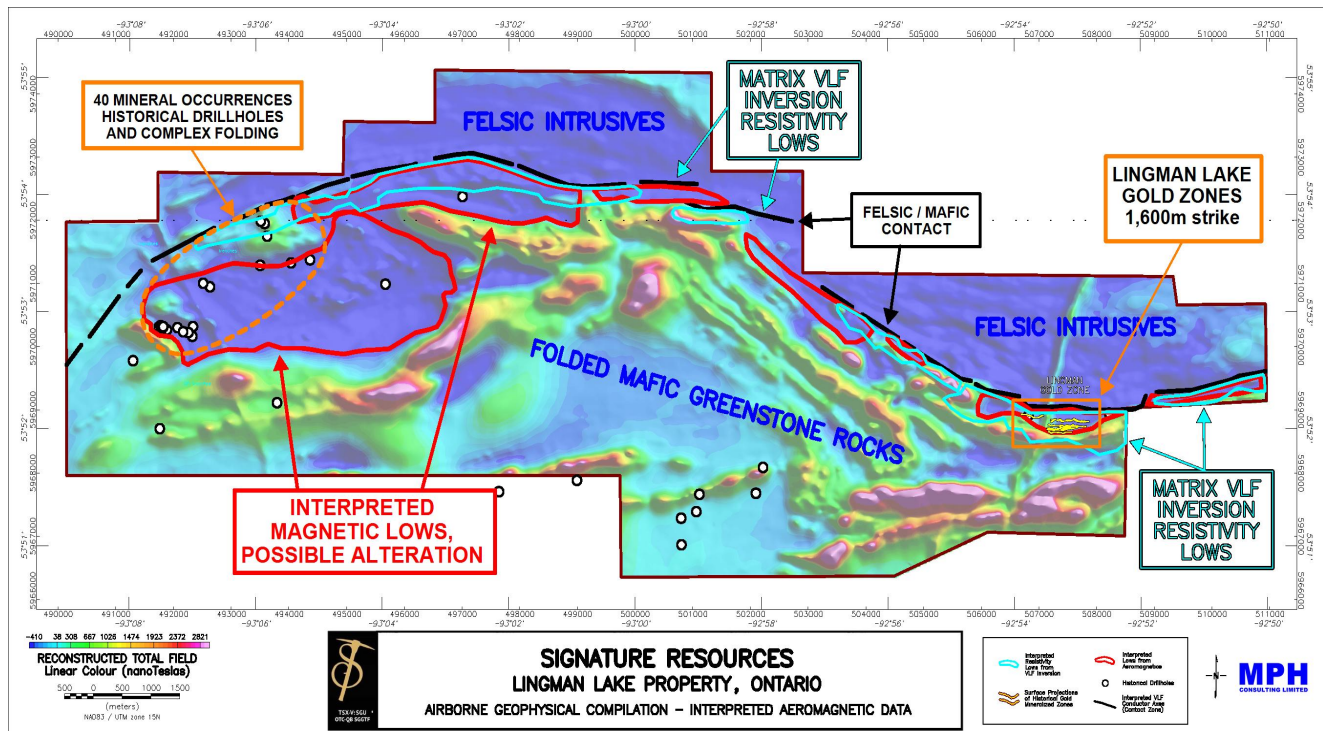
**Toronto, Ontario, April 4, 2019** – Signature Resources Ltd. (TSXV: SGU, OTCQB: SGGTF) ("**Signature**" or the "**Company**") is pleased to announce that it has received additional interpretation of its airborne geophysical surveys. The data from the surveys, which have identified characteristics of the gold zones at the Lingman Lake mine, have now defined an extensive area exhibiting the same characteristics. The area is known to host over 40 mineral occurrences, reported to contain gold, copper and molybdenum mineralization. This area is situated 12.5-kilometers west of the Lingman Lake gold mine.

"These areas, far to the West of the Lingman Gold Zones, are a high priority for future exploration work. The premise that the contact zone is an extensive alteration feature along extended strike length is new for the project, but possibly explains the 40 mineral occurrences, blast trenches and historical drill holes at the West end of the property. This historical work may have been onto something, but lacked modern airborne geophysics and inversion modelling to support the targeting.", commented Walter Hanych, President and CEO of Signature Resources.

The feature in part, is a magnetic low encompassing 1,400-hectres within a volcanic assemblage of rocks which are typically characterized as having moderate to high magnetic intensities. The feature is interpreted to be the result of an alteration system replacing the normal magnetite found in volcanic rocks with pyrite, an alteration often associated with gold mineralization. (See Figure 1)

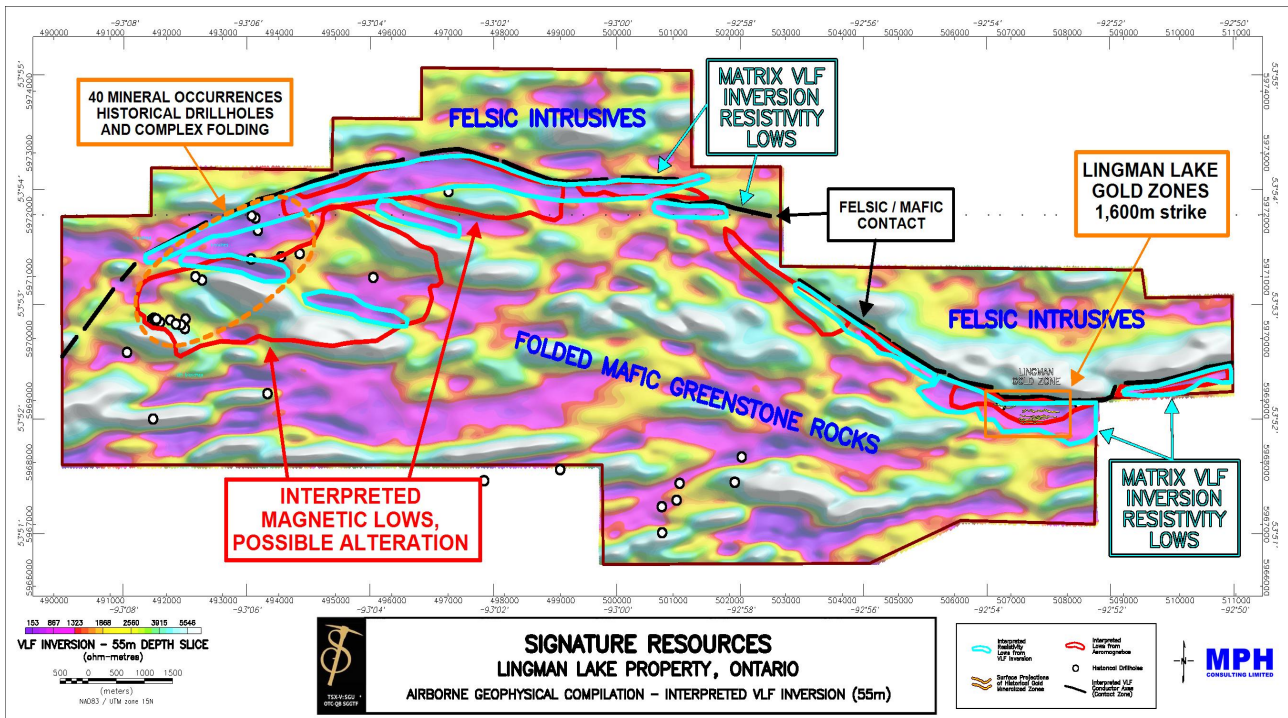
In addition, the VLF-EM 55-meter depth inversion slice defines a semi-linear resistivity low feature, within the broader magnetic low, at the edge of resistivity high, the high being interpreted to be intrusive rocks. Two linear resistivity lows, the north one, trends essentially-east-west, occurs for a strike length of 10-kilometers and is situated along the main contact between the north granitic terrane and southern volcanic assemblage, while the south one, trends northwest-southeast and extends for a distance of 4.6-kilometers. Importantly, these features reflect the geophysical fingerprint of the Lingman Lake gold zones. (See Figure 2)

**Figure 1** - An image of the Reconstructed Total Field magnetics from the airborne survey is presented below highlighting key areas. The felsic intrusives are obvious magnetic lows, but this presentation shows distinct magnetic lows immediately South of the felsic/mafic contact, which could relate to alteration and magnetite replacement by pyrite.



Jeremy S. Brett of MPH Consulting Limited states: "The newly identified coincident magnetic and resistivity lows could match an ideal model for a large alteration system at the West end of the property and along the felsic / mafic contact. This matches the same geophysical anomaly characteristics observed at the Lingman Gold Zone. It potentially adds another ~14km of target zones which could be prospective for gold mineralization, which lay hidden under glacial cover."

**Figure 2** - An image of the VLF-EM 55-meter depth inversion slice from the airborne survey is presented below. The resistivity lows from the VLF inversion are correlated with the magnetic lows, mentioned above in Figure 1. Combined, these may indicate prospective target zones along the felsic/mafic contact.



\*This historical resource estimate is based on prior data and reports obtained and prepared by previous operators, and information provided by governmental authorities. A Qualified Person has not done sufficient work to verify the classification of the mineral resource estimates in accordance with current CIM



categories. The Company is not treating the historical estimate as a current NI 43-101-compliant mineral resource estimate. Establishing a current mineral resource estimate on the Lingman Lake deposit will require further evaluation, which the Company and its consultants intend to complete in due course. Additional information regarding historical resource estimates is available in the technical report entitled, "Technical Report on the Lingman Lake Property" dated December 20, 2013, prepared by Walter Hanych, P.Geo., and Frank Racicot, P.Geo., available on the Company's SEDAR profile at [www.sedar.com](http://www.sedar.com)

To find out more about Signature Resources Limited, visit our website at [www.signatureresources.ca](http://www.signatureresources.ca) , or contact:

Walter Hanych  
Chief Executive Officer  
705.446.5379

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