

Signature Resources' Regional Work Shows Signs of a Potential Porphyry System; Ground Geophysics Commenced at Lingman Lake

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Toronto, September 7, 2021 - [Signature Resources Ltd.](#) (TSXV: SGU) (OTCQB: SGGTF) (FSE: 3S3) ("Signature" or the "Company") is pleased to announce that its ongoing regional compilation has resulted in the development of a preliminary model to explain the geophysical signature and mineralization at Area-2 (Matikwan Lake-target) in the north-western portion of its 100%-owned Lingman Lake Gold Project ("Project") located in Northwestern Ontario (see Figures 1 & 2).

Highlights:

- Extensive 8,000-metre by 2,200 metre geophysical low in mafic volcanics. Possibly the result of an underlying felsic intrusive body;
- Gold, silver (precious metals); copper, lead, zinc, molybdenum (base metals) associated with localized magnetic highs within the larger magnetic low;
- Base metal assemblage more indicative of an intrusive (porphyry) system with a precious metal component;
- 26-shallow drill holes (1965-1979), totaling 1,623 metres (averaging 62-metres) intersected disseminated to massive sulphides in felsic and mafic volcanics; and
- 1971 mapping by Johnson identified 40-mineral occurrences.

"This is an exciting development in the regional potential of the Lingman Lake Greenstone Belt, as we may be looking at a potential porphyry system in the north-western portion of the property. The mineral assemblages and geophysical signature of the area suggests that a felsic intrusive body may underlie the volcanic rocks. Vein and stringer sulphides would have permeated the volcanic rocks in a fracture system generated by the intrusion. We are eager to test this idea with detailed mapping and ground geophysics, followed by drilling. Whilst we remain focused on expanding the known zones of gold mineralization at the Lingman Lake Gold Mine with a 10,000-metre diamond drill program in the Fall, the regional compilation work is designed to unlock the regional potential of the camp as well as identify new targets to test in parallel with the work we are doing at the Lingman Lake deposit."

Walter Hanych - Head Geologist

Ground magnetic survey commenced at Lingman Lake. As a follow-up to our last press release dated August 23, 2021, work has commenced on a completed 200-line kilometre ground magnetic survey over the Lingman Lake underground workings and historical resource. The data from this survey will be aggregated with 3D IP data to optimize drill hole target vectoring in the upcoming 10,000-metre diamond drill program scheduled to commence around mid-September.

Figure 1: Compilation map of Geophysics over Geology and Mineral Showings

To view an enhanced version of this graphic, please visit:
https://orders.newsfilecorp.com/files/8296/95643_4098c9f8c4c70bf4_001full.jpg

Figure 2: Geophysical map; Anomalous Total Field Magnetics and Mineral Showings

To view an enhanced version of this graphic, please visit:

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About Signature

The Lingman Lake gold property consists of 1,434 staked claims, four freehold fully patented claims and 14 mineral rights patented claims totaling approximately 27,113 hectares. The property hosts an historical estimate of 234,684 oz of gold* (1,063,904 tonnes grading 6.86 g/t with 2.73 gpt cut-off) and includes what has historically been referred to as the Lingman Lake Gold Mine, an underground substructure consisting of a 126.5-metre shaft, and 3-levels at 46-metres, 84-metres and 122-metres depths.

*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 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 Gold Property" dated January 31, 2020, prepared by John M. Siriunas, P.Eng. and Walter Hanych, P.Geo., available on the Company's SEDAR profile at www.sedar.com.

To find out more about Signature Resources Limited, visit our website at www.signatureresources.ca, or contact:

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