



Giyani Receives Positive Leaching Results

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OAKVILLE, Ontario, May 06, 2019 -- Giyani Metals Corp. (TSXV:EMM) (FRANKFURT:[KT9](#)) (WKN:A2DUU8) (“**Giyani**” or the “**Company**”) is pleased to announce the first results from its phase-two hydrometallurgical test program that covers all three components of purification starting with leaching, through solvent extraction, and finishing with electrowinning. Last year Giyani completed phase-one hydrometallurgical testing which only included the leaching of manganese mineralized material from its K.Hill deposit in Botswana. As part of the phase-two program, these leach tests had to be repeated to provide enough material for the subsequent solvent extraction tests. These repeated tests have confirmed and improved the results from last year.

Leaching is the first, and most critical, phase in a three-step purification process that is designed to produce high purity electrolytic manganese metal (EMM). The second step, solvent extraction, is currently in progress and will be followed shortly by the third and final step, electrowinning.

Two main samples were tested MT10 and MT11. MT10 was assayed at 24.7% Mn and MT11 was assayed at 30.72% Mn. A series of leach tests were performed on the two samples to determine the leaching response of manganese with time. The leaching test results show that manganese recovery was approximately 94% with most of the recovery occurring within the first hour of residence time.

A summary of the manganese recoveries is shown in Table 1 below.

Test	MT10	MT11
Mn recovery with reductant	91±3%	94±3%

Robin Birchall, CEO of Giyani commented:

“We are very pleased with the leaching results as they reflect a much higher recovery at 94% compared to the lower and more conservative 60% that was used for our maiden mineral resource estimate announced back in September 2018. These improved test results not only bode well for further hydrometallurgical tests but will also, ultimately, result in a lower cut-off grade for our K.Hill resource with the obvious corresponding impacts on the resource size.”

The leaching tests were performed on samples collected from drill cores extracted during the Company’s drilling program in the summer of 2018. The cores were from a hole that was specifically drilled for hydrometallurgical testing and is deemed representative of the K.Hill deposit. The samples were ground to a d80 of 200 micrometers (where 80 percent of the product is finer than 200 micrometers). From this, ten sub-samples were drawn of 25g. One sub-sample was set aside and assayed later as the head grade. Four sub-samples were used for reductant tests and five for non-reductant tests. All tests were performed using 25g of rock sample, 125 ml of 3.64M H₂SO₄ solution at 90C. Four independent leaches were performed with the reductant with only residence time being varied: 30, 60,120 and 180 minutes. Five independent leaches were performed without the reductant with only residence time being varied: 15, 30, 60 120 and 180 minutes. All ten sub-samples were assayed for manganese.

Ian Flint, Ph.D., P.Eng, is the qualified person, as that term is defined by National Instrument 43-101, on behalf of the Company and has approved the scientific and technical content contained in this press release.

About Giyani

Giyani Metals Corp. is a Canadian junior exploration company focused on creating shareholder value by accelerating the development of its high-grade manganese project in the Kanye Basin, Botswana, Africa. Additional information and corporate documents may be found on www.sedar.com and on Giyani Metals Corp. website: <http://giyanimetals.com/>.

On behalf of the Board of Directors of Giyani Metals Corp.

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This press release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. All statements in this news release, other than statements of historical fact, that address events or developments that Giyani expects to occur, are "forward-looking statements". Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "does not expect", "plans", "anticipates", "does not anticipate", "believes", "intends", "estimates", "projects", "potential", "scheduled", "forecast", "budget" and similar expressions, or that events or conditions "will", "would", "may", "could", "should" or "might" occur. Specific forward-looking statements and forward-looking information herein includes statements regarding the size of and completion of the private placement and the intended use of the net proceeds from the financing.

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Giyani's forward-looking information is based on the reasonable beliefs, expectations and opinions of their respective management on the date the statements are made, and Giyani does not assume any obligation to update forward looking information if circumstances or management's beliefs, expectations or opinions change, except as required by law. For the reasons set forth above, investors should not place undue reliance on forward-looking information. For a complete discussion with respect to Giyani and risks associated with forward-looking information and forward-looking statements, please refer to Giyani's financial statements and related MD&A, all of which are filed on SEDAR at www.sedar.com.

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