Giyani's High Purity Manganese Oxide Phase 2 Interim Results From Charge CCCV's Digital DNA Program

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Giyani Metals Corp. (TSXV: EMM) (GR: A2DUU8) ("Giyani" or the "Company"), developer of the K.Hill Battery-Grade Manganese Project in Botswana ("K.Hill" or "the Project"), is pleased to announce that successful interim results of its High-Purity Manganese Oxide ("HPMO") produced from its demonstration plant ("Demo Plant") in Johannesburg, South Africa, have been received from US battery technology leader Charge CCCV LLC ("C4V") from Phase 2 of C4V's Digital DNA Supply Chain Qualification Program (the "Qualification Program").

Highlights:

- HPMO produced from Giyani's Demo Plant successfully satisfied the Phase 1 qualification criteria under C4V's Qualification Program (see news release dated October 21, 2025).
- As part of Phase 2 testing, C4V assembled multiple single-layer pouch cells using Giyani's HPMO.
- Interim results confirm that Giyani's HPMO meets CV4 quality assurance standards for Phase 2.
- Phase 2 completion is anticipated within 60 days, with results and progression to Phase 3 to follow thereafter.
- Giyani has developed a process flowsheet that enables the Company to produce two battery-grade manganese products, high-purity manganese sulphate monohydrate ("HPMSM") and HPMO.
- The technical insights and operational data generated by the Demo Plant operation are being integrated into the definitive feasibility study ("DFS") for the future commercial plant in Botswana.
- Giyani believes that the learnings derived from the scale and operation of its Demo Plant significantly reduces the technical, scale up, commissioning risks associated with the ramp-up of full-scale commercial operations.
- The K.Hill DFS remains on track for release this quarter.

Phase 2 Interim Results

Using HPMO produced from Giyani's Demo Plant in South Africa, C4V is continuing long cycle life testing on multiple single-layer pouch cells as part of Phase 2 testing of its Digital DNA Supply Chain Qualification Program. Interim results indicate that Giyani's HPMO meets C4V's quality assurance standards. Electrode density is comparable to baseline electrodes and rate testing demonstrates consistent rate and cycling stability across a range of C-rates[1]. Cells incorporating Giyani's HPMO are also showing capacity retention comparable to baseline cells during long cycling, with overall stability looking encouraging. Phase 2 testing is ongoing with further evaluation of the cells using Giyani's HPMO until the cells reach 80% retained capacity which is expected within 60 days.

Phase 3 consists of multi-layer pouch cell testing with similar checks as Phase 2 and is expected to take approximately six months following the completion of Phase 2.

DFS Progress and Commercial

The K.Hill DFS is on track for release during this quarter. Discussions are ongoing with a number of potential strategic partners to support Giyani's strategic goals and objectives. Through the development and operation of the Demo Plant, Giyani has developed a process flowsheet that allows the Company to produce at scale, two battery-grade manganese products (HPMO and HPMSM). This will enable Giyani to adapt and supply a broader range of future battery chemistries.

Giyani has shipped both HPMO and HPMSM to multiple potential partners as part of the offtake qualification processes for testing.

Giyani received a letter of intent in June 2025 from the Export-Import Bank of the United States for up to US$225 million in financing to support the construction of the Project.

Nigel Robinson, Interim Executive Chair of the Company, commented:

"Building on the success of Phase 1, the interim results from Phase 2 of C4V's Qualification Program look promising with, HPMO samples produced from our Demo Plant successfully meeting the necessary quality assurance requirements set by C4V, a leading US battery technology company. This is another step forward to securing independent third-party validation of the quality of our manganese product and we look forward to the completion of Phase 2 once the cells have reached 80% capacity retention.

In parallel, I am pleased to report that our DFS remains on track for completion this quarter and we look forward to announcing the results to the market."

About Giyani

Giyani is focused on becoming the preferred western-world producer of sustainable, low-carbon high-purity battery-grade manganese for the EV and ESS industry. The Company has developed a bespoke hydrometallurgical process to produce battery-grade manganese products, for cathode precursor materials, critical for EVs and ESS.

Additional information and corporate documents may be found on www.sedarplus.ca and on Giyani Metals Corp. website at https://giyanimetals.com/.

Baasit Ali, Vice President - Supply Chain of C4V, commented:

"We are encouraged with the positive interim results from Phase 2 of our Digital DNA qualification program with Giyani Metals. Their HPMO product is showing promising performance during our internal evaluation and aligns well with our material and electrochemical standards. We look forward to completing Phase 2 and advancing through Phase 3 of qualification and further strengthening our collaboration."

About C4V

C4V™ is a lithium-ion battery technology company possessing critical insights related to the optimum performance of lithium-ion batteries and Gigafactory's. C4V's discoveries have been fruitful in vastly extending battery life, safety and charge performance, however more important is the Gigafactory offering that allows emerging countries to establish their own robust manufacturing ecosystem. C4V works with industry-leading raw material suppliers and equipment supply chain to bring to market fully optimized batteries possessing key economic advantages providing the ultimate "best in class" performance for various applications and end- to-end solutions to produce them on a Gigawatt hour scale. With its unique and innovative business model C4V is rapidly gearing towards 100+GWh of cell production capacity globally by 2032 and its Digital DNA Supply Chain solution ensures materials meet the highest industry standards for performance and reliability.

For more information on C4V please visit http://www.chargecccv.com

On behalf of Giyani Metals Corp.
Nigel Robinson, Interim Executive Chair

Neither the TSX Venture Exchange (the "TSXV") nor its Regulation Services Provider (as that term is defined in the policies of the TSXV) accepts responsibility for the adequacy or accuracy of this news release.

Forward-Looking Information

This news 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.

Such statements include without limitation: the delivery of HPMO to C4V, results of phase 2 and / or phase qualifications and timing thereof, as applicable, anticipated operations in future periods, and plans related to its business and other matters that may occur in the future, and the demand for the Company's products.

All such forward-looking statements are based on the opinions and estimates of the relevant management as of the date such statements are made and are subject to certain assumptions, important risk factors and uncertainties, many of which are beyond Giyani's ability to control or predict. Forward-looking statements are necessarily based on estimates and assumptions that are inherently subject to known and unknown risks, uncertainties and other factors that may cause actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking statements. In the case of Giyani, these facts include anticipated operations in future periods, planned construction and development of its properties and facilities, and plans related to its business and other matters that may occur in the future. This information relates to analyses and other information that is based on expectations of future performance and planned work programs.

Forward-looking information is subject to a variety of known and unknown risks, uncertainties and other factors which could cause actual events or results to differ from those expressed or implied by the forward-looking information, including, without limitation: inherent exploration hazards and risks; risks related to exploration and development of natural resource properties; uncertainty in Giyani's ability to obtain funding; commodity price fluctuations; recent market events and conditions; risks related to governmental regulations; risks related to obtaining necessary licences and permits; risks related to Giyani's business being subject to environmental laws and regulations; risks related to the Company's mineral properties being subject to prior unregistered agreements, transfers, or claims and other defects in title; risks relating to competition from larger companies with greater financial and technical resources; risks relating to the inability to meet financial obligations under agreements to which they are a party; ability to recruit and retain qualified personnel; and risks related to the Company's directors and officers becoming associated with other natural resource companies which may give rise to conflicts of interests. This list is not exhaustive of the factors that may affect Giyani's forward-looking information. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in the forward-looking information or statements.

Giyani's forward-looking information is based on the reasonable beliefs, expectations and opinions of the Company's 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 continuous disclosure documents which are filed on SEDAR+ at www.sedarplus.ca.

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1 C-rate measures how fast a battery is charged or discharged. For example, a 1C rate means the battery will be fully charged or discharged in exactly one hour.

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