

Western Magnesium Announces Advancements in Low-Cost Green Magnesium Metal Production Technology Setting Stage for Commercialization

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Innovative process for the production of magnesium metal uses revolutionary, economic, clean technology

NEW YORK, NY - TheNewswire - June 27, 2019 - [Western Magnesium Corp.](#) (TSXV: WMG; Frankfurt-M1V; OTCQB: MLYF) (the "Company" or "[Western Magnesium Corp.](#)") announced today new advancements to its proprietary technology for the production of low-cost, green magnesium metal. Long hailed as a vital strategic commodity, magnesium metal's light weight and strength make it an ideal replacement for costly composite materials and heavy aluminum and steel.

For the past decade, [Western Magnesium Corp.](#) has been in research and development of a new process that overcomes traditional production obstacles inherent in batch production methods, which are used in China and other emerging countries with lax labor and environmental standards.

[Western Magnesium Corp.](#)'s proprietary technology is based on a modified silicothermic process, which is a continuous production process delivering the following benefits:

- - Increased throughput and compressed production times. Opposed to batch production processes, [Western Magnesium Corp.](#)'s technology does not expend time, thermal energy or labor in a stop-and-go operation to service the process equipment.
 - Less manpower. Under the company's technology, production labor is only required to feed raw materials and handle the final product.
 - A closed, contained system. [Western Magnesium Corp.](#)'s system never exposes hot, raw magnesium to the atmosphere, thereby greatly reducing lost product, toxic waste and emissions.

The Company's 'Alpha' condenser, which was announced operational on July 18, 2018, provided proof of concept by producing a magnesium ingot on December 11, 2018. Since then, the technical team at [Western Magnesium Corp.](#) has generated a conceptual design applicable to a production scale, silicothermic reduction operation.

Recent advancements to the technology have demonstrated production of magnesium metal, while reducing non-toxic byproducts and cost, when compared to traditional production methods. Developments include continued reduction of power requirements. Since the system is a solid-state reaction, emissions from handling liquid slag are eliminated.

"Our vision is to develop a magnesium production process that will create a cornerstone industry allowing innovation in industries as diverse as automotive, aerospace, defense and general manufacturing," says Sam Ataya, CEO of [Western Magnesium Corp.](#). "These innovations now set the stage for commercialization and we are currently evaluating a location in Stevens County, Washington to place our first commercial furnace, with other locations to follow."

Much smaller and scalable as opposed to traditional production processes, the company believes its

technology could enable plants to be located in any number of post-industrial American cities, which are close to magnesium users, serving as a lynchpin for economic development. Thus creating an American magnesium metal revolution, spurring U.S. manufacturing innovation.

About Western Magnesium

[Western Magnesium Corp.](#)'s goal is to be a low-cost producer of green, primary magnesium metal, a strategic commodity prized for its strength and lightweight. Unlike outdated and costly production processes, [Western Magnesium Corp.](#) looks to use a continuous silicothermic process to produce magnesium, which significantly reduces labor and energy costs relative to current methods and processes, while being environmentally friendly.

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The technical portion of this press release was prepared under the supervision and review of James Sever, PE CTO for [Western Magnesium Corp.](#). Mr. Sever is a non-independent qualified person within the meaning of National Instrument 43-101 standards.

Forward-Looking Statements

Statements in this news release that are not historical facts are forward-looking statements that are subject to risks and uncertainties. Forward-looking statements in this news release include that we will conduct and close a private placement and that we can become a major U.S. producer and distributor of primary, high grade, low cost magnesium metal. Actual results may differ materially from those currently anticipated due to a number of factors, including the Company's dolomite reserves may not be mined because of technical, regulatory, financing or other obstacles, the market price for magnesium may make our resources uneconomic, we may not be able hire and retain skilled employees, and other risks associated with being a mineral exploration and development company. We may not be able to close with interested investors on our intended private placement because of perceived risks or market conditions. The Company undertakes no obligation to update forward-looking information except as required by law. The reader is cautioned not to place undue reliance on forward-looking statements. These forward-looking statements are made as of the date of this news release.

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

For additional information please visit our website at

<http://www.westmagcorp.com> or view our profile on SEDAR

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