

Manganese X Energy's First High Purity Manganese Samples Ready for EV Compliant Testing

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Montreal, September 28, 2023 - [Manganese X Energy Corp.](#) (TSXV: MN) (FSE: 9SC) (OTC: MNXXF) ("Manganese X" or the "Company") is pleased to announce that its first high purity 99.95% Manganese Sulphate Monohydrate (HPMSM) samples are now ready for distribution to various Electric Vehicle Original Equipment Manufacturers (EV OEMs) and EV cell manufacturers. These samples are earmarked for comprehensive testing to ensure compliance with EV battery standards.

The HPMSM samples were produced from a bulk sample from the Company's Battery Hill manganese mining project and were generated as part of the processing flowsheet optimization phase during Manganese X's ongoing pilot plant project, led by metallurgical research authority Kemetco Research Inc. (Kemetco), situated in Richmond, BC.

Manganese X CEO Martin Kepman said, "This is a huge milestone, moving Manganese X towards fulfilling its mission of becoming the first publicly-traded mining company in Canada and the US to commercialize High Purity EV-compliant manganese. Manganese plays a pivotal role in the creation of robust, long-lasting, and high-density EV batteries. Notably, there is currently no manganese production within Canada and the US, creating a significant disadvantage for domestic EV manufacturers. It's imperative we close this N.A. 'domestic' gap."

Kepman also underscored, "Manganese X's patent-pending purification technology is gaining remarkable traction within the EV industry. Our unique purification process yields high purity manganese that is non-toxic, eliminating selenium, a hazardous pollutant used by some existing high purity manganese producers."

Manganese X's pilot plant project is utilising a 1200 kg bulk sample from its Battery Hill manganese mining project, located in New Brunswick, Canada. The sample is representative of the initial five years of the proposed production, as outlined in the Battery Hill preliminary economic assessment. The pilot project serves as a pivotal element in the pre-feasibility study for the Battery Hill manganese deposit. Key objectives of the pilot project encompass:

1. Demonstrating the capacity of Battery Hill manganese feedstock to achieve HPMSM production on a larger commercial scale.
2. Optimization of the processing flowsheet to ensure the most efficient and cost-effective methods are utilized in the Company's pre-feasibility study; and
3. Mitigating risks associated with the metallurgical process and engineering design.

[Manganese X Energy Corp.](#) remains committed to advancing sustainable solutions in the EV battery sector, ultimately contributing to the electrified future of transportation.

About Manganese X Energy Corp.

Manganese X's mission is to advance its Battery Hill project into production, with the intent of supplying value-added materials to the lithium-ion battery and other alternative energy industries. The Company is also striving to achieve new carbon-friendly more efficient methodologies, while processing manganese at a lower competitive cost. The Company is the only public actively traded manganese company in Canada and the US striving forward toward commercialization of a manganese deposit, as well as potentially becoming a North American supply chain supplier.

Subsidiary Disruptive Battery Corp.'s mission is to develop an HVAC (heating, ventilation and air

conditioning) air purification delivery system for cleaner and healthier air, aiming to mitigate COVID-19 and other contaminants on surfaces and in the air. For more information visit the website at www.manganesexenergycorp.com.

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