

Leading Edge Materials Corp.: Provides Update on High Purity Battery Graphite Qualification

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VANCOUVER, Jan 25, 2017 - [Leading Edge Materials Corp.](#) ("Leading Edge Materials") or (the "Company") (TSX VENTURE:LEM) (OTCQB:LEMIF) is pleased to announce the latest results from optimization and qualification test work to produce high value graphite products with graphite from the Company's Woxna mine and processing facility in Sweden. Excellent electrochemical results were achieved in ongoing testing of purified Woxna graphite product.

Highlights of this Qualification Process:

- Tap Density 0.95 g/cc (target is greater than or equal to 0.95 g/cc)
- Greater than 60% recovery from Spheronization
- Particle size distribution in the 10-30 micron range
- Surface Area of 4.75 m²/g (target range of 3-5 m²/g)

Blair Way, President and CEO, stated, "Our recent flowsheet development work has successfully produced high purity spheroidal graphite samples with electrical properties that are on target for use in lithium ion batteries. Qualification for lithium ion battery use requires a substantial amount of both test data and product, and with our research partners the Company has made substantial progress in both regards. Our Woxna mine and processing facility has the capacity to provide commercial volumes of graphite flotation concentrate for testwork, allowing large scale testing to demonstrate product quality and consistency to existing and potential lithium ion battery cell manufactures."

A commercial graphite flotation concentrate from the Woxna mine in Sweden was shipped to an independent laboratory for an ongoing high purity spheroidal flowsheet development test program. The samples pass through a methodical campaign of tests and analysis to identify key characteristics such as graphitic carbon content, tap density, BET surface area, particle size distribution and reversible capacity. These results have been very promising and the Company will provide further updates as the qualification test works progresses.

On behalf of the Board,

Blair Way, President & CEO

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