

Canadian Metals Inc.

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Canadian Metals Begins Testing to Demonstrate the Technical and Economic Feasibility of Converting Silica Sand from the Langis Deposit Into High Value-Added Products

MONTREAL, QUEBEC--(Marketwired - March 12, 2014) - Canadian Metals Inc. (the "Corporation") (CSE:CME) is pleased to announce that it has retained the services of Electrochem Technologies & Materials Inc. to conduct a series of tests aimed at demonstrating the technical and economic feasibility of converting silica sand from the Langis deposit into various high value-added products for industrial applications.

The CTMP laboratory previously conducted grade improvement tests consisting of enrichment by physical means such as: (1) washing followed by desliming to remove fines and clays, (2) mechanical attrition to remove fines clay particles adhered to the surface of quartz grain and (3) wet high-intensity magnetic separation (WHIMS) of the grains. These tests succeeded in improving purity, but failed to achieve the specifications required to manufacture silica sand for the production of high added-value products required in certain industrial applications.

The Corporation is therefore turning to the know-how and industrial expertise of Electrochem Technologies & Materials to help meet these criteria, by defining:

- All possible ways of obtaining a silica sand or purified lump quartz required for the proposed industrial application
- Relatively simple operating procedures that use readily-available commercial reagents and have a lower operating cost (OPEX)
- A process that has a lower capital investment (CAPEX) and is therefore easy to set up
- A proposed method that is safe from an H&SE perspective and not environmentally restrictive, while minimizing the volume of waste.

Canadian Metals wishes to determine the best process for its silica sand quickly, and therefore aims to obtain evidence through a series of laboratory tests to be performed by Electrochem on samples from a multi-kilogram batch of concentrate obtained by enrichment during a previous program conducted at the CTMP laboratory.

In line with the above, Electrochem Technologies & Materials will therefore start an initial phase of work (Phase 1) aimed at demonstrating the applicability of a technology and its technical and economic feasibility.

About Electrochem

ELECTROCHEM TECHNOLOGIES & MATERIALS INC. is essentially an R & D company that invents, patents, steers and markets electrochemical technologies offering innovative, sustainable solutions. The company targets the mining, metallurgical and chemical industries, specializing in recycling, remediation, reclamation and treatment of tailings, spent acids, leach liquor, end-of-life products, metallurgical effluents, and finally, industrial waste. Since 2013, the company has also launched a highly-specialized manufacturing activity for the production of industrial anodes to meet the needs of its Canadian customers and support its own electrochemical technologies at its customers' sites worldwide.

About Canadian Metals

Canadian Metals Inc. is focused exclusively on the exploration and development of high-purity Silica properties in Canada. The Company is rapidly positioning itself as North America's premier pure-play silica company through the exploration and development of its portfolio of Silica assets in Quebec and British Columbia. Silicon-based materials can be formulated to deliver a wide range of products from more durable construction materials; faster, smarter electronic devices and more efficient solar panels and wind turbines. We expect to become a global supplier for a number of industries and applications, namely but without limitation, glass, ceramics, lighting, oil and gas, paint, plastic and rubber. We also wish to become an integrated supplier for metallurgical industries and foundries, and to participate in a wide range of civil, industrial, environmental and related building applications. These target markets for Canadian Metals affect the lives of millions of people every day. Canadian Metals is also looking for new projects to add to its portfolio.

This news release contains forward-looking information within the meaning of applicable Canadian securities laws. All information other than historical fact is forward-looking information. Forward-looking information relates to future events or future performance and is based on CME current internal expectations, estimates, projections, assumptions and beliefs. Forward-looking information is often, but not always, identified by the use of words such as "expect", "project", "proposed", "intend", "seek", "anticipate", "budget", "plan", "continue", "estimate", "forecast", "may", "will", "predict", "potential", "targeting", "could", "might", "should", "believe" and similar expressions. Although management considers the assumptions and estimates, reflected in forward-looking information, to be reasonable, based on information currently available, there can be no assurance that such information will prove to be correct. As a consequence, actual results may differ materially from those anticipated.

Undue reliance should not be placed on forward-looking information which is inherently uncertain, and subject to known and unknown risks and uncertainties (both general and specific) and other factors that contribute to the possibility that the future events or circumstances contemplated by the forward looking information will not occur or that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information. These risks include, but are not limited to risks associated with general economic conditions, the actual results of current exploration activities, conclusions of economic evaluations, changes in project parameters as plans continue to be refined, future metal prices, financial risks and substantial capital requirements. Further information regarding certain of these risks (as well as risks relating generally to the Company's business) may be found under the headings "Risks and Uncertainties", "Forward-Looking Information" and "Financial risk factors" in the latest Company's Management's Discussion & Analysis on www.sedar.com. Readers are cautioned that the foregoing list of factors that may affect future results is not exhaustive. The forward-looking statements contained in this news release are made as of the date hereof and CME does not undertake any obligation to update publicly or to revise any of the included forward-looking statements, except as required by applicable law. The forward-looking statements contained herein are expressly qualified by this cautionary statement.

Neither the CSE nor its Regulation Services Provider accepts responsibility for the adequacy or accuracy of this release.

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