Critical Elements Corporation: Unaware of Any Material Change

written by Raj Shah | January 24, 2018

January 24, 2018 (Source) – At the request of IIROC, **Critical Elements Corporation** (the "Company" or "Critical Elements") (TSX VENTURE:CRE)(OTCQX:CRECF)(FRANKFURT:F12) wishes to confirm that the Company's management is unaware of any material change in the Company's operations that would account for the recent decrease in share price.

About Critical Elements Corporation

The Company recently released a financial analysis for Critical Elements' wholly-owned Rose Lithium-Tantalum project (Rose Lithium-Tantalum project feasibility study, WSP, October 20, 2017), which is based on price forecasts of US $750/tonne for chemical-grade lithium concentrate (5% Li_2O), US $1,500/tonne for technical-grade lithium concentrate (6% Li_2O) and US $130/kg for Ta_2O_5 in tantalite concentrate, and an exchange rate of US $0.75/CA $. **The internal rate of return ("IRR") for the Rose Lithium-Tantalum project is estimated at 34.9% after tax, and net present value ("NPV") is estimated at CA $726 million at an 8% discount rate. The estimated payback period is 2.8 years. The pre-tax IRR for the Rose Lithium-Tantalum Project is estimated at 48.2% and the pre-tax NPV at CA $1,257 million at an 8% discount rate**(see press release dated September 6, 2017). The financial analysis is based on the Indicated mineral resource. An Indicated mineral resource is that part of a mineral resource for which quantity, grade or quality, densities, shape and physical characteristics can be estimated with a level of confidence sufficient to allow the appropriate application of technical and economic parameters, to support mine planning and

evaluation of the economic viability of the deposit.

The life-of-mine (LOM) plan provides for the extraction of 26.8 million tonnes of ore, 182.4 million tonnes of waste, and 11.0 million tonnes of overburden for a total of 220.2 million tonnes of material. The average stripping ratio is 7.2 tonnes per tonne of ore. The nominal production rate is estimated at 4,600 tonnes per day, with 350 operating days per year. The open pit mining schedule allows for a 17-year mine life.

The mine will produce a total of 26.8 million tonnes of ore grading an average of 0.85% Li_2O and 133 ppm Ta_2O_5, including dilution. The mill will process 1.61 million tonnes of ore per year to produce an annual average of 236,532 tonnes of technical- and chemical-grade spodumene concentrate and 429 tonnes of tantalite concentrate.

Cautionary Statement Concerning Forward-Looking Statements

This news release contains “forward-looking information” within the meaning of Canadian Securities legislation. Generally, forward-looking information can be identified by the use of forward-looking terminology such as “scheduled”, “anticipates”, “expects” or “does not expect”, “is expected”, “scheduled”, “targeted”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. Forward-looking information contained herein include, without limitation, statements relating to mineral reserve estimates, mineral resource estimates, realization of mineral reserve and resource estimates, capital and operating costs estimates, the timing and amount of future production, costs of production, success of mining operations, the ranking of the project in terms of cash cost and production, permitting, economic return estimates, power and storage facilities, life of

mine, social, community and environmental impacts, lithium and tantalum markets and sales prices, off-take agreements and purchasers for the Company's products, environmental assessment and permitting, securing sufficient financing on acceptable terms, opportunities for short and long term optimization of the Project, and continued positive discussions and relationships with local communities and stakeholders. Forward-looking information is based on assumptions management believes to be reasonable at the time such statements are made. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information.

Although Critical Elements has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. Factors that may cause actual results to differ materially from expected results described in forward-looking information include, but are not limited to: Critical Elements' ability to secure sufficient financing to advance and complete the Project, uncertainties associated with the Company's resource and reserve estimates, uncertainties regarding global supply and demand for lithium and tantalum and market and sales prices, uncertainties associated with securing off-take agreements and customer contracts, uncertainties with respect to social, community and environmental impacts, uncertainties with respect to optimization opportunities for the Project, as well as those risk factors set out in the Company's year-end Management Discussion and Analysis dated August 31, 2017 and other disclosure documents available under the Company's SEDAR profile at www.sedar.com. Forward-looking information contained herein is made as of the date of this news

release and Critical Elements disclaims any obligation to update any forward-looking information, whether as a result of new information, future events or results or otherwise, except as required by applicable securities laws.

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