TriMetals Mining Inc.

NEWS RELEASE: 16-13

TSX Symbols: TMI and TMI.B
US OTCQX Symbols: TMIAF and TMIBF

TriMetals Mining Inc. Confirms Start of Trenching on the Thor Vein Targets within the Gold Springs Project

June 24, 2016, Vancouver, British Columbia—TriMetals Mining Inc. (TSX: TMI and TMI.B, US OTCQX: TMIAF and TMIBF), (the "Company"), is pleased to announce that trenching at the Thor vein system started on June 20 as planned, following the required bird survey. First results should be available by late July.

As noted in the previous press release, the trenches are designed to expose the vein systems in the Thor area which contain multi-gram samples as previously reported. Surface and drill samples from the Thor, Dee, Brown, and Lower vein systems have returned values as high as 23.35 g/t Au and 252.9 g/t Ag, with numerous samples in the +3.0 g/t Au range (See NR 16-04 dated March 1, 2016 and NR 16-09 dated May 3, 2016). With this trenching program, TMI will be able to better understand these systems and potentially expose additional veining in areas of post-mineral cover.

Ralph Fitch, CEO, stated "We are excited to start trenching at the Thor, already the backhoe is uncovering vein material below shallow cover. Assay results from this work will guide our future drilling which is planned to follow the trenching program."

About TriMetals Mining Inc.

TriMetals Mining Inc. is a growth focused mineral exploration company creating value through the exploration and development of the near surface, Gold Springs gold-silver project in mining friendly Nevada and Utah in the U.S.A.

The Company's approach to business combines the team's track record of discovery and advancement of large projects, key operational and process expertise, and a focus on community relations and sustainable development. Management has extensive experience in the global exploration and mining industry.

The Company's common shares and Class B shares are listed on the Toronto Stock Exchange under the symbols "TMI" and "TMI.B" and the common shares and Class B shares also trade on the OTCQX market under the symbol "TMIAF" and "TMIBF". Additional information related to TriMetals Mining Inc. is available at www.trimetalsmining.com and on SEDAR at www.sedar.com.

Qualified Person

The Qualified Person on the Gold Springs property is Randall Moore, Executive Vice President of Exploration – North America of TriMetals Mining Inc. and he has reviewed and approved the content of this press release.

Forward Looking Statements

Certain statements contained herein constitute "forward-looking statements". Forward looking statements look into the future and provide an opinion as to the effect of certain events and trends on the business. Forward-looking statements may include words such as "will", "may", "target", "future", "potential" and similar expressions. These forward- looking statements are based on current expectations and entail various risks and uncertainties. Actual results may materially differ from expectations if known and unknown risks or uncertainties affect our business or if our estimates or assumptions prove inaccurate. Factors that could cause results or events to differ materially from current expectations expressed or implied by the forward-looking statements, include, but are not limited to, the laboratory taking longer than expected to analyze trenching results; risks of the mineral exploration industry which may affect the advancement of the Gold Springs project, including possible variations in mineral resources, grade, recovery rates, metal prices, capital and operating costs, and the application of taxes; availability of sufficient financing to fund planned or further required work in a timely manner and on acceptable terms; availability of equipment and qualified personnel, failure of equipment or processes to operate as anticipated, changes in project parameters, including water requirements for operations, as plans continue to be refined; regulatory, environmental and other risks of the mining industry more fully described in the Company's Annual Information Form and continuous disclosure documents, which are available on SEDAR at www.sedar.com. The assumptions made in developing the forward-looking statements include: the accuracy of current resource estimates and the interpretation of drill, metallurgical testing and other exploration results, including the reliability of exploration results of previous companies; the continuing support for mining by local governments in Nevada and Utah; the availability of equipment and qualified personnel to advance the Gold Springs project; the laboratory analyzing trenching results within their usual time frame; execution of the Company's existing plans and further exploration and development programs for Gold Springs, which may change due to changes in the views of the Company or if new information arises which makes it prudent to change such plans or programs.

Readers are cautioned not to place undue reliance on the forward-looking statements contained in this press release. Except as required by law, TMI assumes no obligation to update or revise any forward-looking statement, whether as a result of new information, future events or any other reason. Unless otherwise indicated, forward-looking statements in this press release describe the Company's expectations as of June 24, 2016.

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