

Kerr Mines announces positive metallurgical test work & examines copper as additional revenue source

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TORONTO, Nov. 16, 2017 /CNW/ - [Kerr Mines Inc.](#) (TSX: KER, OTC: KERMF, FRA: 7AZ1) ("Kerr" or the "Company") is pleased to announce positive initial metallurgical results including an evaluation into the accretive recovery of copper from gold bearing ores for the upcoming Prefeasibility Study.

Highlights

- Gold recoveries up to 91%
- Copper present throughout the strike length of the Copperstone Zone
- Monetization of both sulphide and oxide copper content being examined
- Sulphide copper recovery up to 97%
- Oxide copper metal extractable from flotation underflow through a simple acidulation process

Gold

The initial results of the gold testing to date achieves recovery of up to 91%. The testing methods used are based on the processing circuit at the Copperstone project.

The samples being tested can be categorized as low, medium and high grade gold samples across the entire strike length of the Copperstone Zone. Processing alternatives are being evaluated to further enhance recovery of gold including whole ore flotation and a combination of flotation and gravity. Flotation test results to date have excellent gold recoveries and also compare favourably to historical results.

Copper

For the first time, work is underway to determine and report a copper resource for the Copperstone Project. Of historic hole intervals which contain a gold grade of 3 g/t Au or higher and that were assayed for copper, the weighted average grade is 0.54% Cu. Copper assay values are distributed along the entire strike length of the Copperstone Zone. In that over 90% of the time that gold is present, copper is present as well.

Current studies show that both sulphide and oxide copper exists in the Copperstone Project. Feed grades up to 0.68% Cu are represented in the group of samples. When sulphide copper is present, a copper recovery up to 97% to the gold rougher concentrate is achievable. Oxide copper reports to the underflow of the flotation circuit, as such, there exists an opportunity to create a feed of copper to a simple acid processing circuit. It is in this new circuit that the oxide copper would be extracted and recovered as a metal. The economic viability of both potential copper revenue streams requires further testing and is under evaluation.

Martin Kostuik, President, stated, "with these initial Copperstone metallurgical results and the new understanding of the potential streams of copper within the processing circuit, we are very encouraged to investigate the potential for copper recovery and the economics of this project. The recovery of copper from the flotation underflow would be relatively low cost because many of the aspects of the copper recovery process are paid for in the gold recovery circuit."

The Copperstone Zone detachment fault system historically produced over 500,000 ounces of gold from an open pit. Below the open pit, the down-dip extension of the Copperstone Zone has an undiluted mineral resource of 313,000 oz Au @ 0.302 g/t Au (0.302 ounce per ton) (311,000 measured + 2,000 indicated), estimated in 2010* is being further enhanced by the ongoing underground drilling program. The Phase I 15,000 feet underground program is currently using two drills to test along strike up/down-dip in the D and C zones of the Copperstone Zone. The program is confirming altered detachment fault breccias from existing underground workings at depths from 100 to 400 feet below the open pit bottom.

The Company also wishes to announce that it filed on November 10th, 2017 its Financial Statements and Management Discussion and Analysis.

and Analysis for the first quarter ended September 30, 2017. These documents are available at the Company's website <http://kerrmines.com/investors/> or under Kerr Mine's profile on SEDAR at www.sedar.com.

The technical information in this news release has been prepared in accordance with the Canadian regulatory requirements in NI 43-101 and reviewed and approved by Michael R. Smith, Registered Geologist., who is a "Qualified Person" as defined in NI 43-101 for this project.

About Kerr Mines Inc.

Kerr Mines is a North American gold development and exploration company currently advancing the 100% owned, fully past-producing Copperstone Mine project. Copperstone is a high-grade gold project located along a detachment fault north of Phoenix in mining-friendly Arizona. The project demonstrates significant upside exploration potential within a 4,775 hectare (11,750 acre) land package that includes a production history of over 500,000 ounces of gold. The Company's current focus is on maximizing Copperstone's potential by defining and expanding current resources and strengthening the mine's economics leading to a production decision.

*Mineral Resource Tabulation Model capped at 5.0 oz Au/t with a 0.15 oz Au/t cutoff grade, 1,038,000 tons (1,038,000 measured + 9,000 indicated) - NI 43-101 Technical Feasibility Report, Copperstone Project, February 11, 2010. Limited to the resource that occurred in the period between Q4 2012 and Q3 2013 and updated tons will be tabulated when a new resource is estimated in early 2018.

Cautionary Note Regarding Forward Looking Statements

This news release contains forward-looking statements, including current expectations on the timing of the commencement of production and the rate of production, if commenced. These forward-looking statements entail various risks and uncertainties which could cause actual results to differ materially from those reflected in these forward-looking statements. Such statements, including those on current expectations, are subject to a number of uncertainties and risks, and actual results may differ materially from those contained in such statements. These uncertainties and risks include, but are not limited to, the strength of the Canadian dollar; the price of gold; operational, funding, and liquidity risks; the degree to which mineral resource estimates are reflective of actual mineral resources; and the degree to which factors which would make a mineral deposit commercially viable are present. Risks and hazards associated with underground operations. Risks and uncertainties about Kerr Mines' business are more fully described in the Company's disclosure materials, including its annual information form and MD&A, filed with the securities regulatory authorities in Canada and available at www.sedar.com and readers are urged to read these materials. Kerr Mines assumes no obligation to update any forward-looking statement or to update the reasons why actual results could differ from such statements unless required by law.

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SOURCE [Kerr Mines Inc.](#)

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