

## **EMGOLD MINING CORPORATION**

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SEC 12g3-2(b) 82-3003

### **Emgold Licenses Revolutionary Process to Convert Mine Tailings to Ceramics**

Emgold Mining Corporation (EMR-TSX Venture) (Emgold) is pleased to announce it has signed an exclusive world wide license agreement with Ceramext, LLC to develop and use the Ceramext™ Process to convert mine tailings and other waste materials into high quality ceramics. The Ceramext Process is a patented, energy efficient, one-step technology capable of converting a wide variety of raw materials, including mine tailings and fly ash into high-strength, low-porosity, industrial ceramics such as, floor tile, roof tile, brick, construction materials and other industrial and commercial products.

Ceramext has a patent on the equipment and other patents pending on the process, which uses a vacuum hot extrusion of waste materials to produce high quality industrial ceramics. The Ceramext Process has been demonstrated on a laboratory basis on a wide variety of materials including coal, lignite, and biomass fly ash, bottom ash, slag, clays, volcanic ash and mine tailings. Specifically, Ceramext has tested tailings from the Idaho-Maryland Mine and has successfully produced very high quality ceramic blanks using the Ceramext Process suitable for forming into a wide variety of ceramic products using standard finishing technology. Independent marketing surveys conducted in California, indicate that floor tiles are worth approximately US\$1.25 to \$1.50 per square foot on a wholesale basis, which translates approximately US \$400 to \$500 per ton of feedstock to the process.

Emgold, through its subsidiary Golden Bear Ceramics Corp. (“Golden Bear”), anticipates building a pilot and demonstration plant to determine the feasibility of converting mine tailings to ceramics at its Idaho-Maryland Gold Mine Project in Grass Valley, California. Preliminary engineering studies indicate low capital and operating costs in comparison to conventional industrial ceramic operations. The Ceramext Process could allow a mining operation to make a useful and profitable product from mine tailings that would otherwise require expensive impoundment, which could consume large areas of land. The Ceramext Process could create additional income from mining operations and allow mines to continue to operate profitably even in times of very low commodity prices.

Under the terms of the agreement, Emgold, through its subsidiary Golden Bear has the worldwide rights to subject a monthly royalty of 3% of the gross sales revenue derived from the sales of physical products produced. Emgold must pay Ceramext US\$100,000 within 90 days of Regulatory Approval to cover certain development costs. Emgold will also tender to Ceramext 200,000 shares of the Company subject to such restrictions on transferability as may be required under applicable securities laws and regulations,

subject to and within 90 days of regulatory approval. The world wide rights will remain in force based upon Golden Bear maintaining minimum royalty payments calculated on a quarterly basis that consist of: "Year 1", US\$ 0.00 per quarter; "Year 2", US\$ 5,000 per quarter; "Year 3", US\$ 10,000 per quarter; "Year 4", US\$ 20,000 per quarter; "Year 5" and thereafter, US\$ 40,000 per quarter. "Year 1" will be deemed to commence 90 days after the date of approval of the agreement by Regulatory Authorities.

Golden Bear is committed to spending US\$ 1.2 million dollars to construct a pilot and demonstration plant using the Ceramext Process in Grass Valley, California and completing feasibility and marketing studies for the commercialization of the technology and the production of various industrial and commercial products.

The Company will be posting information and photographs on its website about the Ceramext Process as the information becomes available. For more information about Emgold and the Idaho-Maryland Mine please visit the Company's website [www.emgold.com](http://www.emgold.com) or [www.sedar.com](http://www.sedar.com) and for more information about Ceramext please visit [ceramext.com](http://ceramext.com).

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No regulatory authority has approved or disapproved the information contained in this news release.

This release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address future production, reserve potential, exploration drilling, exploitation activities and events or developments that the Company expects are forward-looking statements. Although the Company believes the expectations expressed in such forward looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, and continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and that actual results or developments may differ materially from those projected in the forward-looking statements. For more information on the Company, Investors should review the Company's filings that are available at [www.sedar.com](http://www.sedar.com) or the Companies website at [www.emgold.com](http://www.emgold.com).