

# Brazil Minerals Inc. Provides Initial Test Results of Gold Retrieval Unit

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PASADENA, July 20, 2016 - [Brazil Minerals, Inc.](#) (OTC: BMIX) (the "Company" or "BMIX") today gave a brief update on its first test of a new gold recovery platform. A Gold Retrieval Unit (GRU) test run of 6.8 cubic meters of material produced 59.1 grams (approximately 1.9 troy ounces) of 96% gold, now molten into a gold bar, as seen in an attached photograph. Note: The photographs cited in this press release are available in the version posted on the Company's website ([www.brazil-minerals.com](http://www.brazil-minerals.com)).

Last week, BMIX's initial portable GRU test ran material originated from the waste pile, a sand tailing box, and the new mining area. The Company cautions that the samples were small and certain waste from its large plant had high concentrations of gold. Nevertheless, the test afforded several important conclusions as described below.

- 1) Every material processed by the GRU yielded gold. This confirmed that centrifugation is an effective recovery method for the fine gold prevalent in BMIX's properties along the Jequitinhonha River valley.
- 2) BMIX believes that the concentration of gold per cubic meter from alluvial material originating from the new mining area was attractive and will be economical with mechanization to increase the throughput. Tests are continuing on additional samples. The material from the new mining area at disposal to run in GRUs, or retrievable from the locale, is very large.
- 3) Diesel cost as a percentage of the expected revenue from the sale of the gold bar this week was only approximately 1%. Internal Company calculations show that diesel cost should run at 5% or less of the revenues of GRU-based operations. In the past, with retrieval of gold and diamonds in the large plant, diesel was by far the highest operating cost, at a substantial multiple of this anticipated level.
- 4) For effective, continuous operations, the GRUs ideally should be larger and mechanized. The test used manual labor for sieving of material before passage to the centrifuge, which required on average three workers and yet precluded a large volume from reaching the GRU. A mechanized sieving system will achieve much higher throughput per hour and use less direct labor. BMIX plans to acquire or build mechanical sieves but wants first to perform additional tests to solidify specifications. A photograph attached to this press release shows the GRU used in the test.

## About Brazil Minerals, Inc.

[Brazil Minerals, Inc.](#) (OTC: BMIX) is a producer of diamonds, gold, sand, and industrialized mortar. We have title to 32 mineral rights for gold, diamonds, manganese, and sand, including 10 mining concessions for gold and diamonds, the highest level of right to mine in Brazil. More information on BMIX is at [www.brazil-minerals.com](http://www.brazil-minerals.com).

## **Safe Harbor Statement**

*This press release contains forward-looking statements made under the "safe harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward looking statements are based upon the current plans, estimates and projections of Brazil Minerals, Inc.'s management and are subject to risks and uncertainties, which could cause actual results to differ from the forward looking statements. Such statements include, among others, those concerning market and industry segment growth and demand and acceptance of new and existing products; any projections of production, reserves, sales, earnings, revenue, margins or other financial items; any statements of the plans, strategies and objectives of management for future operations; any statements regarding future economic conditions or performance; uncertainties related to conducting business in Brazil, as well as all assumptions, expectations, predictions, intentions or beliefs about future events. Therefore, you should not place undue reliance on these forward-looking statements. The following factors, among others, could cause actual results to differ from those set forth in the forward-looking statements: business conditions in Brazil, general economic conditions, geopolitical events and regulatory changes, availability of capital, BMIX's ability to maintain its competitive position and dependence on key management. This press release does not constitute an offer to sell or the solicitation of*

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*Cautionary note regarding estimates of Indicated and Inferred Mineral Resources of Diamonds and Gold as found in MDBs NI 43-101 Technical Reports.*

*We advise U.S. investors that while these terms and amounts are recognized by Canadian regulations, the U.S. Securities and Exchange Commission (SEC) does not recognize them. U.S. investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever be converted into mineral reserves as defined by the U.S.'s Industry Guide 7.*

*Cautionary note regarding estimates of Mineral Reserves of Diamonds and Gold as found in MDBs Bankable Feasibility Study.*

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*Cautionary note regarding estimates of Volume and Weight of Sand as found in MDBs studies filed with the local Brazilian regulatory agencies.*

*We advise U.S. investors that while sand volume and weight terms and amounts as filed in Brazil are recognized by Brazilian regulations, the SEC does not recognize them. U.S. investors are cautioned not to assume that any part of such are not considered mineral reserves as defined by the U.S.'s Industry Guide 7.*

*Cautionary note regarding estimates of potential mineralization for gold of the Apui/Borba Project with the local Brazilian regulatory agencies.*

*We advise U.S. investors that potential mineralization for gold of the Apui/Borba Project with Brazilian regulators is not recognized by the SEC. U.S. investors are cautioned not to assume that any part of such potential mineralization is or will ever become mineral reserves as defined by the U.S.'s Industry Guide 7.*

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