

Regulatory Announcement

Company Frontier Mining Ltd  
TIDM FML  
Headline New Carbon Circuit  
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Frontier Mining Ltd  
("Frontier" or "the Company")

Commissioning of New Carbon Circuit at the Naimanjal Mine, Kazakhstan

Frontier is pleased to report that it has commissioned a new carbon circuit at its Naimanjal Mine in north eastern Kazakhstan. In conjunction with this, Behre Dolbear & Company (USA), Inc. (Behre Dolbear) completed a comprehensive review of the performance of the existing Merrill Crowe system and recommended minor upgrades to operate the Merrill Crowe circuit in combination with the introduction of the carbon circuit. Together, the Company believes that this work will accelerate the extraction of gold and silver from the heap leach solutions.

The circuit design utilises five in-line carbon columns capable of handling a flow rate of 140 cubic metres of solution per hour. Each column contains 1.5 tonnes of carbon. Gold and silver are stripped from the carbon with a 1.5 tonne pressurised strip circuit. The gold and silver are then recovered on stainless steel cathodes in an electrolytic (electro-winning) circuit. The circuit was designed for the Naimanjal mine after conducting a series of laboratory tests using Norit carbon for gold and silver adsorption.

The carbon columns were placed into operation on 1 November 2006 as the primary precipitation circuit. The associated pressurised strip circuit and electro-winning facilities underwent water and temperature testing from 2 November 2006 to 5 November 2006 and were first used for production of gold and silver on 9 November 2006. During the month of November, the new carbon circuit achieved 88% recovery of the gold and 70% recovery of the silver from the heap leach solution.

Brian Savage, CEO of Frontier commented, "We believe that the new carbon circuit and the improvements to the Merrill Crowe circuit will enable Frontier to enhance and accelerate the extraction of gold and silver contained in the heap leach solutions, and anticipate that it will improve our production rates and ensure that we will hit our revised production targets."

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About Frontier Mining Ltd:

Frontier Mining Ltd. is a mineral exploration and development company that was incorporated in the state of Delaware, USA, on August 5, 1998 for the purpose of exploring and developing gold and copper deposits in the Republic of Kazakhstan. Through its subsidiaries and affiliates, Frontier locates, evaluates, acquires, explores and develops mineral properties.

Frontier has two licenses owned by its wholly owned subsidiaries in Kazakhstan. They are the Naimanjal exploration and mining licence, held by FML Kazakhstan, and the Baltemir exploration

licence, held by Baltemir LLP. Frontier has one producing gold mine, Naimanjal; one pre-feasibility stage gold project, Koskuduk; and one exploration stage gold prospect, Baltemir.

Frontier also has one potential copper porphyry deposit with associated gold and molybdenum, Baitimir; and several copper/gold prospects along a 25-km trend including both VMS and porphyry types. Metallurgical tests on its Beschoku and Yubileiny copper projects confirm the oxide copper ore is amenable to extraction using low cost SX-EW technology.

Frontier shares are traded on the AIM market of the London Stock Exchange. Frontier has 132,648,563 ordinary shares issued and 6,197,091 outstanding options and warrants, giving 138,845,654 fully diluted ordinary shares.

Further company information may be accessed at the Frontier Mining Ltd. website at:  
[www.frontiermining.com](http://www.frontiermining.com)

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