



PRESS RELEASE

CNSX: BAC

BACTECH AWARDED CONTRACT TO CLEAN UP SNOW LAKE ARSENOPYRITE STOCKPILE

Toronto, Canada, April 27, 2011 - BacTech Environmental Corporation ("BacTech" or the "Company", CNSX: BAC) today announced that it has been awarded the contract by the Mines Branch of the Manitoba Department of Innovation, Energy and Mines, to remediate a stockpile of arsenopyrite concentrate located in the community of Snow Lake. The contract is subject to negotiating a suitable agreement between BacTech and the Manitoba government. BacTech has proposed a "no cost to the taxpayer" approach to the clean up. The Company will recover payable metals for its own account from the stockpile while treating the contained arsenic. The Company's bio-oxidation technology has been used successfully in the gold industry for many years to aid the extraction of gold from arsenical concentrates, while stabilizing arsenic values into a benign form.

BacTech responded to a Request for Proposal issued by the Mines Branch on December 21, 2010. BacTech's interest in the project stems from test work completed in 2010 whereby bioleaching technology was determined to be well suited for the stabilization of the high levels of arsenic in the stockpile.

This will be the first commercial bioleach facility in North America. Ross Orr, President & CEO, said, "This is a major step forward for BacTech as we position ourselves as a leader in the field of tailings reclamation. It is a highly visible project whose success could lead to bioleaching playing a prominent role in future clean ups in North and South America."

History

The Snow Lake stockpile was created in the 1950s as a by-product of gold production from the Nor Acme Mine. Due to the refractory nature of the ore and its high arsenic levels, it was decided at that time to produce an arsenopyrite concentrate which was subjected to cyanidation to recover exposed gold values, leaving behind a residue which contained significant gold values that would be processed at a later date. Based on historic data provided by the Manitoba Mines Branch in the Request for Proposal, the stockpile is estimated at approximately 250,000 tonnes with an average grade of approximately 9 grams per tonne of gold. The stockpile is 6 m to 10 m high and encompasses an approximate area of 19,500 m². BacTech cautions the reader that the potential quantity and grade provided above is conceptual in nature. Insufficient test work has been carried out on the stockpile to define a mineral resource. It is uncertain if the test work to be conducted by BacTech will result in the stockpile being delineated as a mineral resource.

Work Program

BacTech has engaged the services of Dr. Barbara Sherriff, a recently retired professor from the University of Manitoba who has a fifteen-year history evaluating the stockpile. Dr. Sherriff will oversee the drill program slated to begin on May 9th. The program will obtain representative samples from some 30 holes to be drilled on the stockpile. These samples will be subjected to diagnostic and bioleach testing to determine the appropriate approach for treating the concentrate.

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Alexis Minerals Corporation, the mine leaseholder, has granted BacTech access to the site so that samples can be obtained for test work. The bioleaching test work will be completed later this year. An environmental baseline study will begin shortly which will take approximately one year to complete.

The anticipated life of the project, beginning with the onset of processing concentrates, will be approximately 6-7 years. Engineering design for the plant and operations will be carried out concurrently with the work program described above. The current anticipated start date for the construction of the plant will be the summer of 2012.

Conceptually, the plant may also have value in being capable of treating other refractory type gold values and waste in the region, and efforts to incorporate this concept may be made at the design stage. If the concept is incorporated as part of the project plan then, clearly, this adds additional value to the project in creating a regional bioleach facility for treating other materials.

Special Note Regarding Forward-Looking Statements: Certain statements included or incorporated by reference in this news release, including information as to the future financial or operating performance of the Company, its subsidiaries and its projects, constitute forward-looking statements. The words "believe," "expect," "anticipate," "contemplate," "target," "plan," "intends," "continue," "budget," "estimate," "may," "schedule" and similar expressions identify forward-looking statements. Forward-looking statements include, among other things, statements regarding targets, estimates and assumptions in respect of gold production and prices, operating costs, results and capital expenditures, mineral reserves and mineral resources and anticipated grades and recovery rates. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, the Company. Investors are cautioned that forward-looking statements are not guarantees of future performance and, accordingly, investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. Forward-looking statements are made as of the date of this press release and the Company disclaims any intent or obligation to update publicly such forward-looking statements, whether as a result of new information, future events or results or otherwise.

BacTech Environmental profile

BacTech Environmental Corporation was created through a Plan of Arrangement completed on December 2, 2010, whereby shareholders of the former BacTech Mining Corporation ("BMC"), renamed REBgold Corporation, were issued, in exchange for their BMC shares, 1 share of REBgold Corporation and 1/5th of one share of BacTech Environmental. BacTech Environmental holds the exclusive rights to use the patented BACOX bioleaching technology for reclamation of tailings and mining waste materials.

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Shares outstanding 33,303,361

The Canadian National Stock Exchange (CNSX) has not reviewed and does not accept responsibility for the adequacy or the accuracy of the contents of this release.