

With Bugs That Eat Rocks, BacTech Mining Is Revolutionizing The Way We Process And Clean Up, Gold, Silver, Copper And Other Metals

Mining
Precious Metals
(BM-TSXV)

BacTech Mining Corporation

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Ross Orr
President and CEO, Director

BIO:

M. Ross Orr, B.A.

Position: **Director, President & CEO**

Ross Orr initially brought BacTech to Canada from Australia in 1997 and was instrumental in the success of the Company's IPO. He sat on the board as an outside Director until taking the role of President and CEO in 2004. The first 2 years in this new position were consumed by restructuring the Company and positioning it to begin its refractory gold acquisition strategy. Mr. Orr is a graduate of the University of Calgary and currently

sits on the boards of Caldera Resources Ltd. and Golden Odyssey Mining Inc.

Company Profile:

BacTech owns patented bacterial oxidation technology for the treatment of refractory ores and concentrates to enhance the recovery of gold, silver and base metals. The Company's focus is the acquisition of equity positions in projects amenable to bioleaching. In June 2008, the Company signed an agreement to acquire Yamana Gold Inc.'s 33% interest in two refractory gold deposits in Papua New Guinea. In September 2008, BacTech signed an MOU to investigate the use of bioleaching to reprocess arsenic-laden tailings in Cobalt, Ontario. This is the Company's first foray into the cleantech industry. BacTech is continuing to evaluate additional remediation projects.

Interview conducted by:
Lynn Fosse, Senior Editor
CEOCFOinterviews.com

CEOCFO: Mr. Orr, what was your vision when you became CEO of BacTech?

Mr. Orr: "The vision when I took the reigns of the company was to allow the company to survive. It was a bit of a train wreck when I took over and it has been undergoing a two-year transformation that culminated in the elimination of a very large chunk of debt that we inherited last month. Our vision going forward is to develop this company on two prongs, a company that uses our patented bacterial oxidation technology for gold and in the cleantech space for mine tailings reclamation."

CEOCFO: Do your two technologies have anything in common?

Mr. Orr: "The one thing our technologies share in common is the use of bacte-

ria to liberate metals that are trapped in very difficult to treat ores and concentrates from mining. We have built three plants for other people in gold mining, and by virtue of us getting a licensing royalty of \$1 to \$2 million, plus a small royalty, we were unlocking value for the mining company and they would make hundreds of millions of dollars as a result of our technology. We changed our strategy several years ago; now we are only going to use our technology to acquire interest in projects that need our technology to make them viable. A year ago, we stumbled across a project here in Canada that was a tailings project. This has been material that was disposed of from the mining process, which a lot of times contains metals that just couldn't be recovered for whatever reason. We were introduced to a project in northern Ontario that was leaching arsenic from existing mine tailings and as luck would have it, one of the results of using bioleaching is the fact that you can stabilize arsenic. That became the first cleantech project that we sort of took on. As we went forward in the market trying to talk to investors about our company, we found we were confusing the heck out of them. They were asking "are we were a green company or a gold company". The answer, as of this morning, is that we are actually going to be spinning out the gold assets into a separate company to be given to all shareholders, to eliminate the confusion as to what you are buying when you buy a share of BacTech."

CEOCFO: What is the bio leaching process and what your method?

Mr. Orr: "The bacteria are naturally occurring in nature and they can be found living on outcrops and barren rocks. Given optimal conditions, such as temperature, moisture, and sunlight;

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