

BacTech Environmental Corp Files NI 43-101 for Telamayu Project

TORONTO, Sept. 12, 2017 /CNW/ - BacTech Environmental Corporation (CSE:BAC, OTC Pink:BCCEF), ("BacTech or the "Company") today announces the summary of a recently completed National Instrument 43-101 Mineral Resource Estimate on its' Telamayu, Bolivia tailings reclamation project. The recent 57 drill hole campaign and subsequent assay results form the basis of the resource calculation. The full report will be posted on SEDAR (www.sedar.com) and on the Company's website (www.bactechgreen.com) shortly.

Qualified Person

The mineral resource estimate was prepared by Pierre O'Dowd (P. Geo), an Independent Qualified Person ("QP") as defined by the National Instrument 43-101. Mr. O'Dowd has reviewed and approved the contents of this release.

The following are the highlights of the report:

- Indicated and inferred resource of 373,000 tonnes and 79,000 tonnes respectively
- Average Tin grade, indicated 1.30% and inferred 1.19%
- Average Silver grade, indicated 8.2 opt and inferred 8.7 opt
- Average (total) Copper, indicated grade 1.15% and inferred 1.07%
- Average (soluble) Copper, indicated grade 0.63% and inferred of 0.65%

Ag oz./t	Ag g/t	% Sn	% Cu.S.	% Cu T.	BD	TONNAGE	Ag grams	Ag ounces	Sn lbs.
INDICATED									
8,223	281,88	1,30	0,63	1,15	1,63	373 016	105 144 992	3 380 868	9 725 887
INFERRED									
8,689	297,84	1,19	0,65	1,07	1,75	78 991	23 526 958	756 494	1 885 809

BD: Bulk Density

Methodology

Independent consulting geologist Pierre O'Dowd performed a mineral resource estimate for the Telamayu Antiguo tailings using data collected during the 2016-17 drilling program. All historical data have been excluded because no QAQC procedures were performed by former operators.

Method: The polygonal method applied on a surface plan was used to perform the mineral resource estimate (half distance between holes). This method was deemed appropriate given the fact that all holes drilled by BacTech are vertical on a 20 m X20 m grid. All material within 10 meters of the holes were assigned to the **Indicated category**. Material outside the 10m radius was assigned to the **Inferred category**. This is material mostly found on the talus of the tailings. Given the high variability in grades and bulk density results within the tailings, no material was assigned to the measured category.

Bulk Density (BD): Several BD measurements were made in each hole. A BD value was assigned to each sample of the drilling program using the closest BD value available in the hole. This BD value was then used to obtain the tonnage of this particular block.

Tonnage: A tonnage was applied to each individual sample collected during the drilling program. Tonnage was obtain using the area of a given polygon (calculated graphically on a surface map) multiplied by the thickness of the sample (usually 1 m but not always) and multiplied by the BD assigned to that particular sample.

Grades: The grades of a particular resource block correspond the grades obtained for the sample attached to that block. Average grades of the tailings correspond to the weighted average (based on tonnage) of all blocks within each categories (Indicated, Inferred)

Project Overview

The project involves the environmental remediation of the "Antiguo" tailings with an option on the "Nuevo" tailings, both situated at the Telamayu mill site situated near the town of Atocha in the Department of Potosi in Bolivia. As part of the remediation process BacTech will recover silver, tin, and copper utilizing a conventional gravity and flotation process supported with a copper cementation circuit.

The existing Telamayu mill concentrator has generated the Antiguo and Nuevo tailings by processing mineralized material from the surrounding mines for over 80 years. There is considerable infrastructure at the mill site including high voltage power, rail, mill housing, and a local workforce. The current infrastructure will contribute to a reduction in capital costs of the project. Currently metallurgical test work is underway to determine the percentage of metal to be recoverable. Results are expected in October.

Company Profile

BacTech Environmental Corporation holds the perpetual, exclusive, royalty-free rights to use the patented BACOX bioleaching technology for the reclamation of tailings and mining waste materials. The Company's principal focus is a high-grade silver/copper/tin tailings project called Telamayu, located in Atocha, Bolivia, in association with COMIBOL, the state mining group. Investigation has begun to identify arsenopyrite concentrate processing opportunities in Ecuador using bioleaching. The Company continues to field enquiries globally with respect to additional opportunities for remediation, including licensing transactions for the technology.

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Special Note Regarding Forward-Looking Statements

This news release contains "forward-looking information", which may include, but is not limited to, statements with respect to future tailings sites, sampling or other investigations of tailing sites, the Company's ability to make use of infrastructure around tailings sites or operating performance of the Company and its projects. Often, but not always, forward-looking statements can be identified using words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Forward-looking statements contained herein are made as of the date of this news release and the Company disclaims, other than as required by law, any obligation to update any forward-looking statements whether because of new information, results, future events, circumstances, or if management's estimates or opinions should change, or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements.

Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements.

Shares outstanding 65,302,930

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

SOURCE BacTech Environmental Corporation

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CNW 13:11e 12-SEP-17