

Cotec Holdings Corp. And McGill University Commence Project Wavecracker(TM) Targeting Application of Microwave Technology To Accelerate Sulphide Copper Leaching

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VANCOUVER, February 24, 2025 - [CoTec Holdings Corp.](#) (TSXV:CTH)(OTCQB:CTHCF) ("CoTec" or the "Company") is pleased to announce it has entered into a joint collaboration and investigation agreement with McGill University, Québec, Canada ("McGill"). The Project, "WaveCracker™" will investigate extended applications of microwave technologies with the aim of improving low-carbon, economic recovery of valuable metals from a range of mineral targets, with a starting focus on Copper recoveries particularly in advanced sulphide leaching applications. This collaboration builds upon, and extends, domain knowledge with new learnings and, in combination with other technologies, offers the potential for the low-carbon, low cost, production of "new" copper metal.

As part of the collaboration in the Project, CoTec will leverage on McGill's considerable experience in mineral processing and depth of research knowledge in the field of applied microwave technologies over the last 30 years.

Julian Treger, CoTec CEO commented; "We are very pleased with this collaboration, as McGill is a world-renowned mineral processing center, and we are very excited about the potential of WaveCracker™ in copper sulphide extraction. CoTec is focused on technologies which leach low-grade primary copper sulphides, such as chalcopyrite, and copper waste material using a proprietary high throughput inorganic leaching technology Ceibo. We see the potential for using microwaves on copper sulphide waste to pre-condition the materials prior to the leaching process. Microwave pre-conditioning causes stresses and micro fractures in the rock, potentially increasing permeability and copper recoveries".

Professor Kristian Waters, McGill commented; "The agreement to collaborate with CoTec provides an exciting opportunity to work with an extremely experienced industrial team in copper extraction. The guidance provided by CoTec in developing WaveCracker™ will be an important part of our Project. McGill has a track record of developing new and innovative mineral processing technologies, and this agreement significantly enhances the university's capability to develop microwave pre-conditioning targeting copper sulphide leaching processes."

About CoTec

CoTec is a publicly traded investment issuer listed on the Toronto Venture Stock Exchange ("TSX- V") and the OTCQB and trades under the symbol CTH and CTHCF respectively. CoTec Holdings Corp. is a forward-thinking resource extraction company committed to revolutionizing the global metals and minerals industry through innovative, environmentally sustainable technologies and strategic asset acquisitions. With a mission to drive the sector toward a low-carbon future, CoTec employs a dual approach: investing in disruptive mineral extraction technologies that enhance efficiency and sustainability while applying these technologies to undervalued mining assets to unlock their full potential. By focusing on recycling, waste mining, and scalable solutions, the Company accelerates the production of critical minerals, shortens development timelines, and reduces environmental impact. CoTec's strategic model delivers low capital requirements, rapid revenue generation, and high barriers to entry, positioning it as a leading mid-tier disruptor in the commodities sector.

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Forward-Looking Information Cautionary Statement

Statements in this press release regarding the Company and its investments which are not historical facts are "forward-looking statements" which involve risks and uncertainties, including statements relating to the WaveCracker™ agreement and its potential to open up new investment opportunities for the Company as well as management's expectations with respect to other current and potential future investments and the benefits to the Company which may be implied from such statements. Since forward-looking statements address future events and conditions, by their very nature, they involve inherent risks and uncertainties. Actual results in each case could differ materially from those currently anticipated in such statements, due to known and unknown risks and uncertainties affecting the Company, including but not limited to resource and reserve risks; environmental risks and costs; labor costs and shortages; uncertain supply and price fluctuations in materials; increases in energy costs; labor disputes and work stoppages; leasing costs and the availability of equipment; heavy equipment demand and availability; contractor and subcontractor performance issues; worksite safety issues; project delays and cost overruns; extreme weather conditions; and social and transport disruptions. For further details regarding risks and uncertainties facing the Company please refer to "Risk Factors" in the Company's filing statement dated April 6, 2022, a copy of which may be found under the Company's SEDAR profile at www.sedar.com. The Company assumes no responsibility to update forward-looking statements in this press release except as required by law. Readers should not place undue reliance on the forward-looking statements and information contained in this news release and are encouraged to read the Company's continuous disclosure documents which are available on SEDAR at www.sedarplus.ca.

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