

# EnviroGold Announces Positive Pilot Plant Results Confirming Efficacy of Metals Recovery Technology

29.06.2023 | [GlobeNewswire](#)

TORONTO, June 29, 2023 - [EnviroGold Global Ltd.](#) (CSE:NVRO | OTCQB:ESGLF | FSE:YGK) ("EnviroGold Global" or the "Company"), a clean technology company accelerating the world's transition to a circular-resource economy, is pleased to announce the successful completion of its pilot plant test work campaign for the Hellyer Project ("Hellyer"). The Hellyer project is a joint project between EnviroGold Global and Hellyer Metals that includes an off-site pilot study at the world-renowned ALS Laboratory in Perth Australia.

The test results confirmed excellent liberation of critical and precious metals using EnviroGold Global's proprietary hydrometallurgical process and support the designed process flowsheet.

The Company is pleased to report that the pilot plant testing, undertaken at the world-renowned ALS Laboratory in Perth, Western Australia, operated continuously through the campaign without any process challenges. The test work processed about 500 kg of Hellyer tailings for the liberation of the critical and precious metals. The pilot plant confirmed earlier, bench-scale, findings for gold and silver recoveries from a cyanide leach on process solids, and generated a pregnant leach liquor suitable for the recovery of critical metals via conventional solvent extraction (SX) or ion exchange (IX).

The head grade from the 500 kg of Hellyer tailings that went into the pilot plant averaged 2.59 g/t Au, 59 g/t Ag, 0.11% Cu, and 0.84% Zn. The data analysis shows the average gold and silver recoveries were both 90+% and were achieved on a cyanide leach feed material using Leachwell&TRADE; Accelerated cyanide leach techniques. In addition, 91% of the copper and 82% of the zinc contained within the tailings reported to the pregnant leach solution, where it is available for conventional SX and IX recovery.

The preliminary process control data on EnviroGold Global's proprietary hydrometallurgical process demonstrated that the fast reactions of about 1 hour at atmospheric pressure and at temperatures of <90°C can be run continuously and can be easily controlled.

Further bench scale optimisation test work will be advanced in the coming weeks to complete the update to the Technical Report (Q3, 2023) and the Front End Engineering Design (FEED) to follow soon after.

Dr. Mark Thorpe (CEO) commented, *"Completing this important technical milestone gives EnviroGold Global strong confidence that it can continue to advance its project development timeline strategy. Our process is proven with excellent gold, silver, copper, and zinc recoveries. We look forward to expanding the scope of our technology to other sulphide tailings."*

## About EnviroGold Global

EnviroGold Global is a CleanTech company that uses proprietary technologies to reduce the environmental liabilities of wastes from mining projects while maximizing return for its shareholders. The company is dedicated to establishing ESG and circular economy leadership by profitably reprocessing and remediating mine waste (tailings) to recover precious, critical, and strategic metals - including gold, silver, copper, zinc and nickel.

## Further Information

Dr. Mark B. Thorpe  
Chief Executive Officer  
Telephone: +1 416 777 6720  
Email: ?InvestorRelations@EnviroGoldGlobal.com  
Website: ?www.EnviroGoldGlobal.com

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Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/447269--EnviroGold-Announces-Positive-Pilot-Plant-ResultsConfirming-Efficacy-of-Metals-Recovery-Technology.html>

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