



GOLD PLANT OF THE FUTURE SYMPOSIUM 2022



BLUE MOUNTAINS, NSW
AUSTRALIA AND ONLINE
11 - 12 MAY 2022

Title: Thiosulfate-Alternative Gold Leaching System to Cyanide

Abstract: Thiosulfate gold leaching is an attractive alternative gold leaching method, especially when it comes to preg-robbing gold ores. The Goldstrike operation of Barrick Gold Corp, Nevada, USA, currently the only calcium-thiosulphate (Ca-TS) leaching operation in the world to leach preg-robbing gold ores. However, calcium thiosulfate has own drawbacks including low gold extraction and gypsum scaling issue. A new thiosulfate technology has been identified for the recovery of various gold ores, especially suitable for a heap leaching application.