

The extraction of gold from bioleached pyrite using novel thiourea leaching technology

Australasian Institute of Mining and Metallurgy - Method for thiosulfate leaching of precious metal



Description: -

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Notes: 13

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Extraction of Gold from a Low

Little Relates to the use of thiourea in conjunction with urea and potassium lignin sulfonate for the extraction and recovery of precious metals. Samples of the ore were slurried with water to a pulp density of 33% solids in a mechanically agitated laboratory autoclave. Applied Surface Science 2017, 425 , 212-219.

Processing technologies for gold

The treatment can be carried out in an agitated reactor in batch mode or in a series of 1—4 reactors operating in continuous mode, or in a multi-compartment autoclave.

Gold Leaching

Therefore, the first free sulfur compound is most likely a sulfide cation H₂S⁺, i.

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Its oxidation produces acidity, heat and dissolved iron. The sulfides occur as pyrite and arsenianpyrite occluding the gold. C, 99 1990 , p.

Microbiology of leaching process

Dicinoski, Novel resins for the selective extraction of gold from copper rich ores, South Afr. In certain aqueous solutions, pressure reduction under hydrogen atmosphere was previously performed to recover platinum, rhodium, palladium M.

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