Julong Copper Mine

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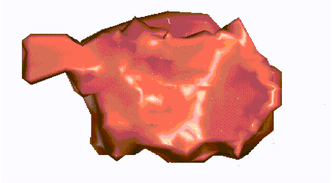
The Julong Copper Mine is home to a world-class, ultra-large, low-grade porphyry copper-molybdenum deposit. It also contains associated silver and molybdenum resources, and substantial hard-to-recover copper resources. The mine has strong potential for further resource expansion.



Location	Maizhokunggar County, Lhasa, Xizang Autonomous Region
Ownership	58.16%
Status	In production+ undergoing expansion
Deposit type	Porphyry+skarn
Resources	Contained copper: 26.3569Mt, Grade: 0.29%; Contained silver: 15,500 tonnes; Contained molybdenum: 1.6727Mt
Mining & processing methods	Open-pit mining +flotation
2025 Production	Copper: 193,800 tonnes; Molybdenum: 7,952 tonnes; Silver: 109.8 tonnes; Gold: 0.35 tonnes

Debottlenecking and expansion

The Phase 1 project, with a throughput of 150,000 tonnes per day, has been built and commissioned, making Julong one of the largest copper mines in China. Phase 2 was completed and commissioned in January 2026. Upon reaching design capacity, the mine is expected to produce 300,000 tonnes of mined copper annually. If the proposed Phase 3 (600,000 tonnes of mined copper per annum) is approved, Julong would become the world's largest copper mine by processing throughput and rank fourth globally in terms of annual copper output.

M&A

Zijin Mining acquired a 50.1% interest in Julong Copper in 2020. In January 2025, Zijin Mining acquired a 24.82% interest in Zangge Mining, bringing its total interest in the Julong Copper Mine to 58.16%.

ESG

works with local governments and communities to share the benefits of development through dividend payouts, well-conceived labor cooperation, support for local industries, infrastructure development, and job creation. These initiatives help transform resources into tangible development, ensuring that the benefits of mining are shared more widely and equitably with its host region. The end result: stronger profits, greater tax payments, higher local incomes, and a better environment.

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