

# Salobo - Brazil

*Outperform standard air bits*

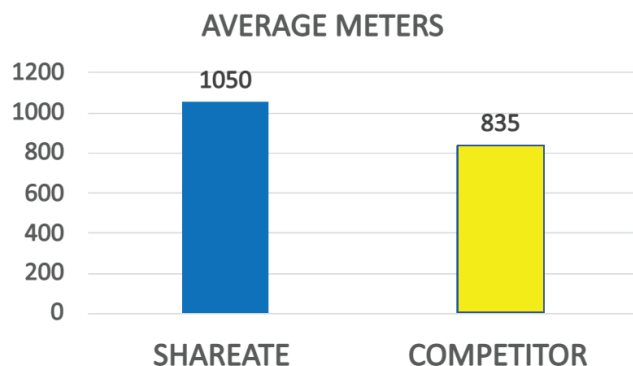


## Mine Description

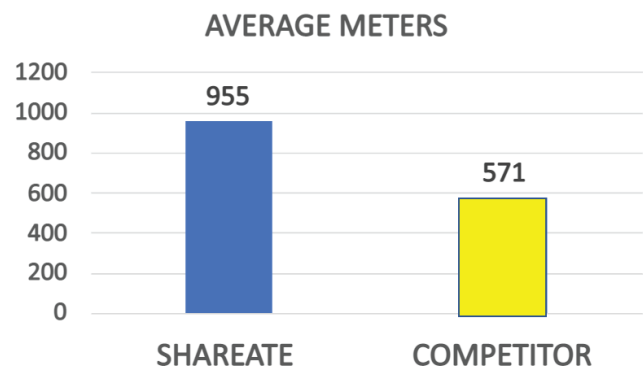
The Salobo Mine is located in Marabá, in the southeast of Pará, Brazil, and went into operation in November 2012. The venture has an estimated nominal capacity of 100,000 tons of concentrated copper per year. With the Salobo II Mine expanding this operation, the enterprise's production capacity will double to 200,000 tonnes. Salobo involves the integrated operation of open-pit mining, processing, transportation and shipment.

## Rotary Drill Bit Performance (Controlled Bit Trials - 12 1/4" & 13 3/4")

Average performances from rotary bit trials at Vale's Salobo Mine, are presented, comparing Shareate's 12 1/4" and 13 3/4" sealed bearing bits with a leading brand of air bits:



Shareate: 13 3/4" SGA635R IADC 635  
Competitor: 13 3/4" Air Bit



Shareate: 12 1/4" SGA645R IADC 645  
Competitor : 12 1/4" Air Bit



**Canadian Sales Inquiry:**  
[info@shareatecanada.com](mailto:info@shareatecanada.com)  
[shareatecanada.com](http://shareatecanada.com)

**Sales Contact:**  
 Matthew Kim: 236-997-3144  
 Ross Hitchman: 250-608-5160