



Photo: Boliden

Boliden Aitik Mine

FACTS: Country:.....Sweden
Dim:.....6" (152mm) to 20" (406mm)
Media:.....Water

The Aitik mine is one of Europe's largest producers of copper, and also a major producer of gold and silver. Aitik is an open-pit mine, situated near Gällivare in the northern part of Sweden, it mines some 18 million tonnes of ore annually.

At the moment Boliden is finalizing an expansion project called Aitik 36, with the aim of doubling the production level. The expansion in Aitik is the biggest investment in Boliden's history (SEK 6 billion).

The mine is 3x1km and is at the moment approximately 350m deep. The Aitik 36 investment will increase the area of the mine. Since the mine is situated in the northern part of Sweden the winters are long and a lot of snow and ice will melt into water once the weather changes.

Kilometers of Alvenius galvanized pipes are installed for pumping the water from the bottom of the mine to the surface level and further to the dams. The pumps and pipes are dimensioned to transport the water at a rate of about 250 m³ each hour.



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Photo: Alvenius

