

Success Stories: Mining – Pucamarca Peru

Pucamarca Project: The Customer



Manufacturas Electricas S.A.



A manufacturing and trading company that develops integrated solutions for medium and low voltage projects for the Peruvian market.

With 37 years of experience in the industry offers a portfolio of more than 10,000 products and 49 stores located throughout the Peruvian territory.

200 employees are constantly trained and able to support customers in all phases of design, Procurement, commissioning and O&M.

The company is active in industrial automation, mining, oil & gas and cement.



Pucamarca Project: The Customer



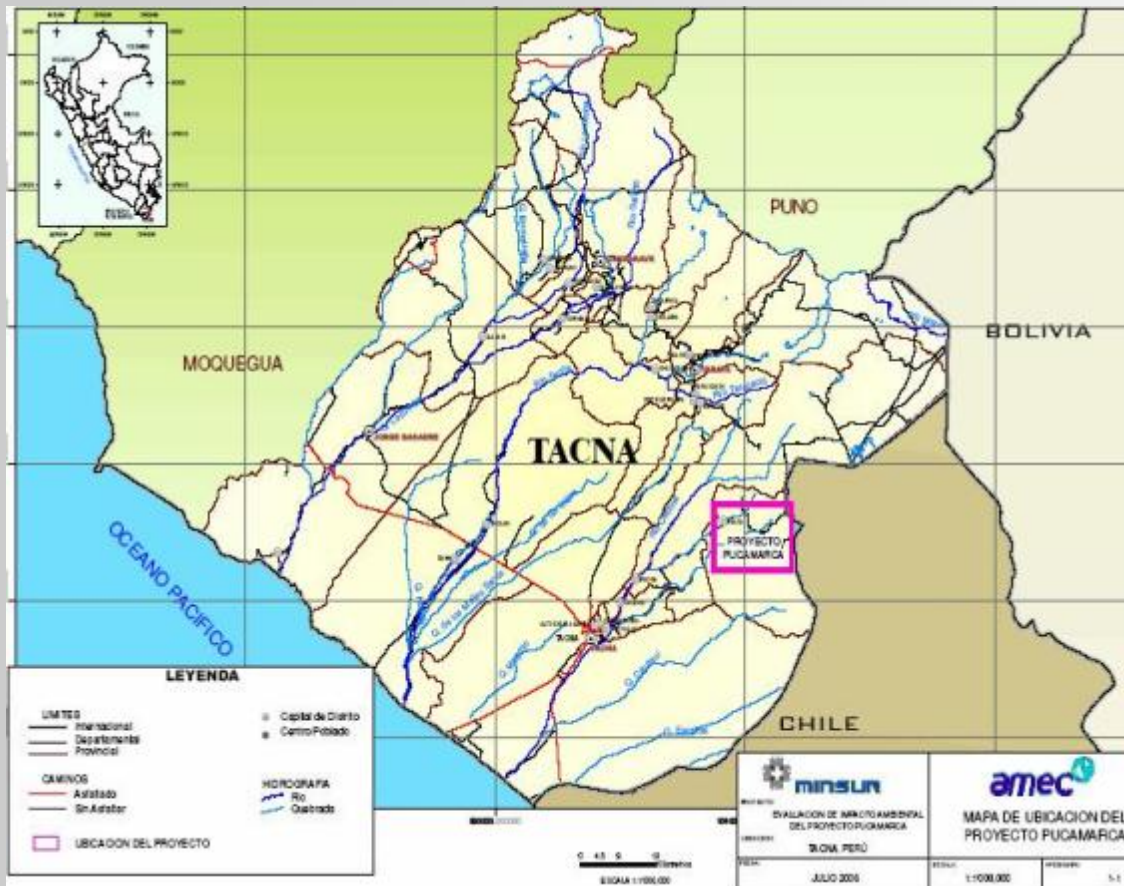
Minsur S.A. :



Peruvian company dedicated to the exploitation and marketing of tin and the exploration of new mineral deposit sites.

The project Pucamarca makes the extraction of gold from the mine. Pucamarca mine is completely environmentally friendly: all the water used is recycled, a reforestation plan is ready at the expected depletion of the mine

“Pucamarca Project: Overview



- ✓ The Gold Mine Pucamarca belonging to the Minsur Group is located in Peru next the bound with Chile. It started operations in the third quarter of 2010.
- ✓ Santerno Product: Sinus Penta 200HP

Sinus PENTA benefits:

Thanks to the pass-through mounting available on the Sinus Penta, the cabinet degree of protection is Nema 3 R , it is fully sealed to protect the electronics.
Heat sinks are in the back with Nema 12 protection degree.



Application: Water pumping from the mine

Products: Stand alone NEMA 3R SINUS PENTA for 250HP, 480VAC motor.

Power supplied by a Caterpillar Diesel genset

Installed at 4300 m. asl



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