



HYDROELECTRIC POWER PLANT TUNNEL, PERU

20.06

Kopalnie / Wydobywanie / Tunel

Hydroelectric Power Plant Tunnel

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Projekt	Hydroelectric Power Plant Tunnel
Lokalizacja	-
Kraj	Peru
Rok Instalacji / montażu	2014
Inwestor	-

Opis sytuacyjny projektu	During construction of the headrace tunnel in July 2012 for a hydro power plant some severe rockburst occurred. The high internal stress in the rock and overburden over 1000 m on top of the tunnel as well as the brittle metamorphic character with a rock mass rating RMR > 65 caused some severe problems during the project.
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Opis zastosowanego rozwiązania	The tunnel was divided in sectors to analyse the stress level in regard to the <i>high stress classification</i> whereas it shows that some rockbursts of level 2 and 3 occurred. In the most critical zone a support system with MINAX® 80/4 was applied in combination with mechanized installation thanks to Geobrugg's MESHA® handler. The installation time had been decreased between 20 to 25% and safety for workers was significantly improved.
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Chroniony obiekt	Other
Zabezpieczenie przeciwkorozyjne	GEOBRUGG SUPERCOATING
Zabezpieczona powierzchnia	5000 m ²
Długość systemu	2 m - 4 m
Rozstaw gwoździ a	1.5 m / 1.5 m

W celu uzyskania dokładniejszych informacji skontaktuj się z naszym Przedstawicielem.

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