



VENT SHAFT DEWATERING

Bellevue Gold Case Study 1

This historic mine was closed for over 20 years. The deepest part of the Bellevue mine reaches about 430 metres below the surface and stretch for 28 kilometres underground. The target water level UON has achieved to date is over 300 metres below ground level.



6

Team members

20

Pieces of equipment

1,200

Hours worked LTI-free

300_M

Below ground

GOLDFIELDS

Region

BELLEVUE

Client

GOLD

Commodity

RENT

Contract

KEY SUCCESS

UON were tasked with delivering a dewatering solution for an old mine being reactivated, via an existing ventilation shaft. This required a custom shaft cap to be designed and fabricated to facilitate two 147kW submersible pumps, installed to a depth of 300m. Additional telemetry was provided to monitor multiple level sensing probes and to enable full remote access control.



DELIVERABLES

- 2 bore pump assemblies and associated downhole equipment
- 2 dewatering bore head works and (Patent-Pending) UON GMC© Generators
- Telemetry system and integration into SCADA system
- Designed and built in 14 days

ENQUIRIES

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