



Peter White, P. Eng.
Grouting Specialist

Water Control for Underground Mines

ENGINEERING SERVICES

- Water Control for Underground Mines
- Ground Improvement for Ventilation Raise Construction
- Ground Improvement for Shaft Sinking
- Grouting for Borehole Drilling
- Mine Development Support

INTERNATIONAL EXPERIENCE

- Indonesia
- Philippines
- Taiwan
- Mexico
- Honduras
- Peru
- Finland
- Canada
- USA

CLIENTS

- Newcrest Mining
- Agnico Eagle
- Excellon Resources
- Pan American Silver
- Breakwater Resources
- Diavik Diamond Mines
- HudBay Minerals
- Goldcorp
- FNX Mining

PROFESSIONAL PROFILE

Peter White provides unique engineering services to **TROUBLESHOOT CHALLENGING WATER INFLOW PROJECTS** in underground mines. Typical problems resolved include large-volume high-pressure water inflows and construction through broken and water-bearing ground conditions.

With more than 25 years of grouting experience on numerous water cutoff grouting applications, including mine shafts, tunnels and deep excavations, Peter White engages in all aspects of safe work procedures for cement and chemical grouting operations, including preparation of work methodologies, detailed task analysis, risk identification and mitigating actions that provide safe working conditions for personnel and the environment.

For project specific inquiries, please contact Peter White at peter.white@groutingspecialist.com



Newcrest Mining, Kencana K2 Project, Indonesia
Microfine cement grouts were used to improve ground conditions through fractured and water-bearing ground conditions prior to ventilation shaft construction using raise bore methods.



Rio Tinto, Diavik Diamond Mine, Canada
Cement grouting methods are used to fill water-bearing fractures and reduce the potential for high-volume groundwater inflows prior to underground mine development operations.



Pan American Silver, Huaron Project, Peru
Cement grouts were used to reduce high volume water inflows through fractured and water-bearing ground conditions prior to shaft construction using conventional sinking methods.



Excellon Resources, Platosa Mine, Mexico
Deep hole drilling and high-volume cement grouting operations were used to seal water-bearing rock formations and successfully recover a flooded underground silver mine.

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