



Peter White, P. Eng.

Grouting Specialist

Water Control for Underground Mines

ENGINEERING SERVICES

- Water Control
- Ground Improvement
- Underground Bulkheads
- Grouting for Borehole Drilling
- Mine Development Support

NORTH AMERICAN EXPERIENCE

- Rio Tinto, Northwest Territories
- Cameco, Saskatchewan
- HudBay Minerals, Manitoba
- Canadian Gypsum, Ontario
- FNX Mining, Ontario
- Sifto Salt, Ontario
- Agnico-Eagle, Quebec
- PCS Picadilly, New Brunswick

INTERNATIONAL EXPERIENCE

- Excellon Resources, Mexico
- Breakwater Resources, Honduras
- Pan American Silver, Peru
- Agnico-Eagle, Finland
- Newcrest Mining, Indonesia

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



Hudbay Minerals, 777 Mine, Manitoba
Specialized grouting equipment and technical support was used in the construction of two high-pressure concrete bulkheads.



Agnico-Eagle, Goldex, Quebec
Construction of a shaft collar through quicksand was overcome using a systematic engineered grout plan. The plan specified strategic placement of grout pipes as well as appropriate cement grout mixture for this unique application.



FNX Mining, Podolsky Mine, Ontario
Pre-grouting of raise bore holes was completed using microfine cement grouts, equipment and technical support.



Sifto Salt, Goderich Mine, Ontario
Chemical grout, applied as spray foam, was used to seal a five meter high by eight meter wide underground ventilation bulkhead. A layer of cement grout (in the form of spray foam) was applied over top for fire protection purposes.

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5245 Creekbank Rd, Mississauga, ON, L4W 1N3, Canada
Phone: +1 (905) 361-4630
Email: peter.white@multiurethanes.com
www.groutingspecialist.com