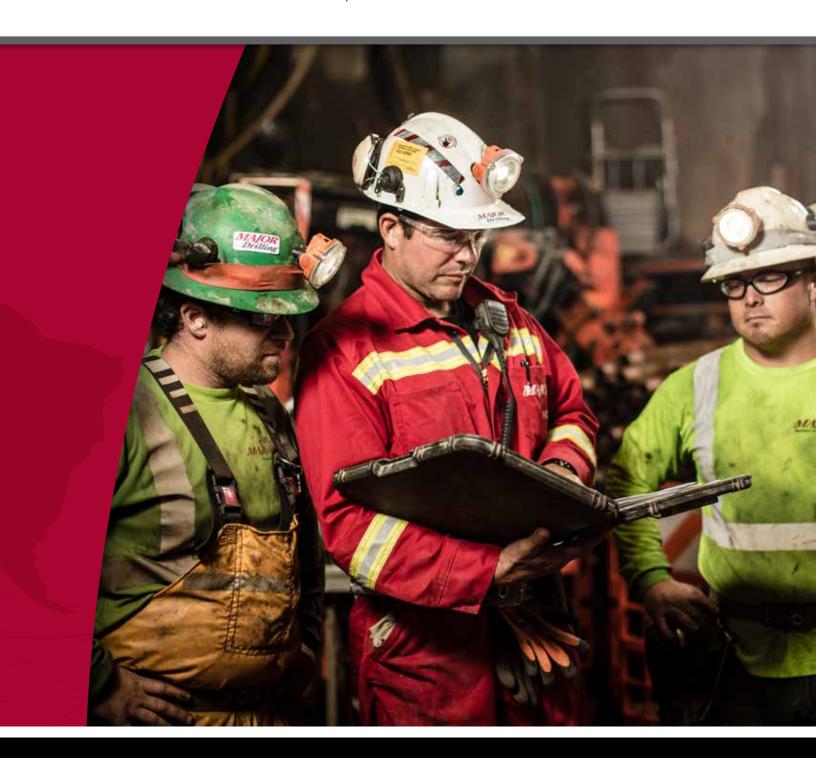


# Underground Exploration



# UNDERGROUND OPERATIONS

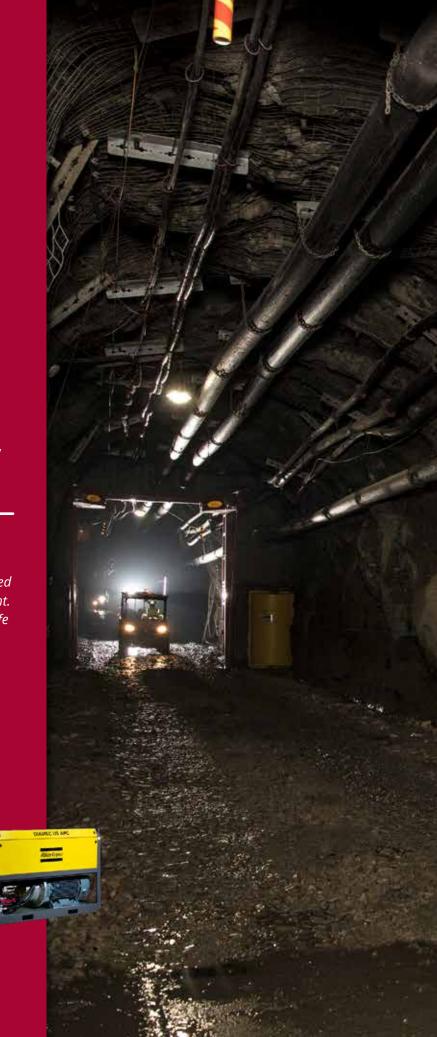
Major Drilling has positioned itself as one of the largest specialized operators in the world by leveraging its main competitive advantages: specialized equipment, long-standing relationships with the world's largest mining companies, access to capital, a strong safety culture and skilled personnel. This positioning is strengthened by the company's senior management having experienced several economic and mining industry cycles.

We have built a solid reputation based on our commitment to improving our health, safety, and environmental programs. It is critical for us to also build on all of our partnerships, including our local relationships around the world.

Our experienced employees, modern drilling equipment with rod handling capabilities, innovation, and financial stability has allowed us to always offer competitive pricing.

"I have dealt with Major Drilling for over 20 years in both surface and underground drill programs. In my experience, Major has a strong safety culture, experienced and knowledgeable supervision and quality management. This has consistently resulted in efficiently organized, safe and well managed drill projects."

Rob Stewart, Geologist, Vale





#### Experience

### Major Drilling is managed by a skilled team of drilling industry professionals. Our team includes:

- Senior project management with field experience to meet customer requirements
- In-depth knowledge of safety, health, and environmental programs, along with federal and provincial regulations
- Broad industry knowledge in all geographical locations around the world

## This experienced group of managers and field superintendents has allowed Major Drilling to excel in a variety of drilling environments including:

- Production based holes in advance of mining
- Exploration holes in excess of 1750m from underground stations
- Mobile drill equipment from expediting both the drilling and moving process
- Auxiliary equipment to manage our own moves and where necessary free up mine equipment
- Large diameter mine service holes, i.e. paste fill and electrical holes
- Operation in either track or trackless mines
- Smaller access drills are available for confined spaces and short hole work, i.e. air machines

#### **Underground Drilling**

To support our customers' varied exploration drilling requirements, Major Drilling maintains a fleet of diverse underground drills that are located at various location around the world. We've invested heavily in modern drilling equipment to ensure that we minimize downtime and maximize safe production on all our projects. The majority of our drills were purchased in the past seven years, and mainly consist of Automated Pilot Controls (SPC) and Pilot Hydraulic Controls (PHC). We have also invested in Mobile Carrier Rigs (MCR) to meet customers requirements. This important investment has not only improved our productivity but our recordable injury rates as well.

Туре	Capacity - Vertical Depth			
Shallow-Range Drills	AWL			
	300m			100
Mid-Range Drills	BWL	NWL	HWL	
	900m	700m	500m	
Deep Hole Drills	BWL	NWL	HWL	PWL
	2000m	1500m	950m	300m

