

***MAJOR***  
***Drilling***

Surface  
Exploration



**QUALITY • SAFETY • RESULTS**

# SURFACE 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 Quality, Safety and Results.

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*"Since 2010, Major Drilling has drilled more than 250,000 meters for Sabina Gold and Silver on the Back River Gold project in Nunavut. During this time Sabrina strove for continuous improvement of safety and environmental standards, as well as increasing efficiency and cost control in all areas of the growing project. I am very pleased to say that Major Drilling management and crews have been active and willing participants in this improvement process, to the extent that in the 2014 drilling program at Back River had the lowest incident rate and the highest production rate in the project's history. In addition, Major's attention to detail in fuel containment and their innovative approach to the management of water and drill cuttings has attracted praise from government and Inuit organization inspectors, and has helped establish the project as a leader in environmental stewardship in the territory.*

*Major has made every effort to help Sabrina achieve its corporate goals in production, cost reduction, safety, and environment."*

**Dave Smith, P. Geo., Exploration Manager  
Sabrina Gold & Silver Corp.**





## 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:**

- Adapting to the severe climate conditions ranging from +40°C to -50° C
- Permafrost drilling in Arctic conditions, ice programs using engineered ice roads and drill pads
- Helicopter projects in remote areas
- Drilling from barges
- Challenging environment and formations (Carlin Trend)
- Deep hole directional programs in excess of 3,000m

## Surface Operations

To support our customers' varied exploration drilling requirements, Major Drilling maintains a fleet of diverse surface drills that are located at various locations 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 hydraulic rigs with rod handling technology. This important investment has not only improved our productivity but our recordable injury rates as well.

Type	Capacity			
Shallow-Range Drills	BWL	NWL	HWL	PWL
Approx Weights 8,000-18,000 lbs	700 m	500 m	-	-
Mid-Range Drills	BWL	NWL	HWL	PWL
Approx Weights 22,000-32,000 lbs	1700 m	1500 m	900 m	300 m
Deep Hole Drills	BWL	NWL	HWL	PWL
Approx Weights 32,000-36,000 lbs	3300 m	2600 m	1750 m	1100 m

# ***MAJOR Drilling***

*"We are extremely happy with Major's performance on this project here in Red Lake and it continues gaining momentum. From an operational standpoint, it is the most 'worry free' project I've been involved in since joining Goldcorp, which is extremely important as there is a lot of pressure these days on finding the next mine."*

**Stephen Booking, Exploration Geologist  
Goldcorp**

