CONTRACTORS TO ADMIRALTY WAR OFFICE AND COLONIAL GOVERNMENTS

## Whyte & Allan,

CLYDE PATENT WIRE ROPE WORKS,

Rutherglen, Glasgow, Scotland

## ROPES

For Mining, Engineering and Shipping: For Hoisting and Haulage in Collieries and Mines: For Cableways and Aerial Ropeways: For Dredgers and Steam Shovels: Specially Flexible Ropes for Winches and Fast Hoists, Coal Towers and Cranes.

## OF THE HIGHEST QUALITY

made from special grades of Wire drawn to our specifications and carefully tested before being used. They are at work in all parts of Canada from Vancouver to Halifax and are everywhere recognized as the best on the market. Complete stocks held in all parts. Orders executed and quotations furnished by:

Nova Scotia: Wm. Stairs, Son & Morrow, Ltd., Halifax. New Brunswick: W. H. Thorne & Co., Ltd., St. John. Quebec, Ontario, Manitoba and Saskatchewan: Drummond McCall & Co., Montreal, Toronto and Winnipeg. Alberta and British Columbia: McLennan, McFeely & Co., Ltd., Vancouver.

Highest Quality.

Satisfaction in Use.

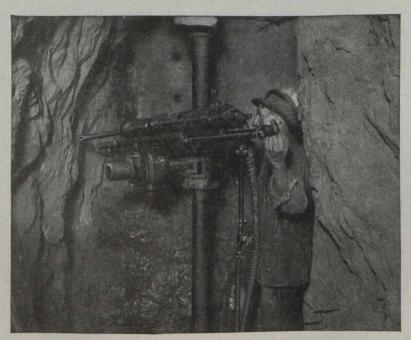
Prompt Delivery.

Keen Prices.

CABLES: "Ropery, Rutherglen." CODES: Western Union, A. B. C. (4th and 5th Editions), A.1., Liebers and Private.

## SULLIVAN "DR6" WATER HAMMER DRILLS

ARE RAPID DRILLERS



"DR-6" Water Hammer Drills have established a reputation for drilling speed under numerous conditions of work.

Here are some sample reports:

Wilson Ave. Water Tunnel, Chicago: Bedded Joliet Limestone—
4 "DR-6" Drills on bar advanced 15 ft. diam., complete tunnel (Mayfair heading), 4,900 ft. at rate of 22.5 ft. per 24 hr. (3 shifts).

Arizona: Drifting hard sulphide ore—average drilling speed 6.2 in. per min. actual drilling

British Columbia: 7x9 drifts in quartz, chert and sulphide, 111 ft. drilled 218 min., or 6.11 in. per min. Increase in speed over nearest competitor, 26.2 per cent.

These notes should be suggestive of the performance that you may expect of Sullivan "DR-6" Drills under your conditions.

Ask for Bulletin 670-C.

SULLIVAN MACHINERY COMPANY, 122 So. Michigan Ave., Chicago, Ill.

Montreal

Cobalt

Nelson

Juneau

Spokane