

CONTRACTORS TO ADMIRALTY WAR OFFICE AND COLONIAL GOVERNMENTS

Allan, Whyte & Co.

CLYDE PATENT WIRE ROPE WORKS,
Rutherglen, Glasgow, Scotland

WIRE 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

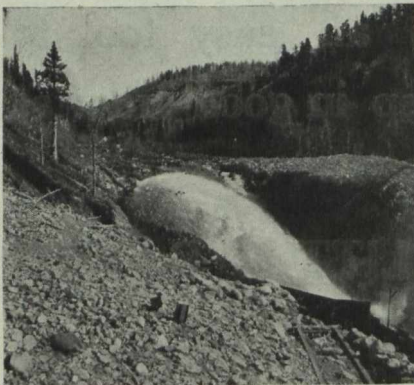
made from special grades of Wire drawn to our specifications and carefully tested before being used. They are at work in all parts of Canada from Vancouver to Halifax and are everywhere recognized as the best on the market. Complete stocks held in all parts. Orders executed and quotations furnished by:

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. I., Liebers and Private.

Don't Bull-doze Your Boulders



Block-hole them with

Sullivan Hammer Drills

If you have many boulders to break, don't waste time and powder in bull-dozing or "mud-capping" them.

Block-Holed Boulders require one-fifth to one-tenth as much powder, and break up smaller.

On Ruby Creek, British Columbia, a certain placer mine has to break over 20,000 boulders per season in its pit. In 1913 the cost per boulder (bull-dozing) came to 36 cents.

In 1914, the mine installed a *Sullivan Belted Air Compressor* and *40-lb. Sullivan Hammer Drills*, at a total cost of \$1,250. The saving, by block-holing, amounted to \$1,200 for the season.

Hand block-holing is better than bull-dozing. Block-holing with Sullivan Hammer Drills is far faster and cheaper than either.

Ask for Bulletin 666L

SULLIVAN MACHINERY CO.

122 So. Michigan Ave.

Chicago, U.S.A.

