

The Canadian Ingersoll-Rand Co. have just issued a new catalogue of their direct lift vertical air hoists. The booklet is well illustrated, and gives complete details of the different types of valve used for various classes of work up to five tons capacity—the dust proof single acting, the dust proof air balanced, the dust proof double acting. Complete tables are given, including a useful table of the free air consumption of the hoists.

Sullivan Machinery Co. have published a new catalogue on Coal Mining Machines, No. 73. This bulletin describes in full detail the Ironclad Sullivan Coal Cutters, for both room and pillar and longwall mining. The Sullivan Machinery Company was first to bring out an electric chain mining machine, for operating in rooms, on the longwall or continuous cutting principle, which is now generally recognized as the most efficient method of cutting coal in use in this country. This bulletin describes the direct current and alternating current Ironclad, and Turbinair Ironclads, by means of which compressed air drive is made efficiently applicable to coal cutter work for the first time. Explosion proof Ironclads carrying the Government approval, as the result of U.S. Bureau of Mines tests, are also described, and the protective devices for gaseous mines illustrated.

A unique and handy little device for opening up the water hole in hollow steel has just been placed on the market by the Denver Rock Drill Manufacturing Company, Denver, Colorado, whose exclusive sales agents in Canada are the Canadian Rock Drill Company, Ltd., of Toronto. It consists of a punch and hammer set in an air feed cylinder, which drives the punch into the steel and withdraws it in combination with the hammer action. It is designed for use with their Model 8 Sharpener to be mounted on the pedestal back of the clamping vise, but it may be mounted separately or even adapted to other machines. The operation is extremely simple and a slight alteration of the control handle will either drive it forward or withdraw it. This device will open the water hole in a bit or shank in one-tenth the time required to perform such an operation by hand.

The U. S. Railroad Administration announced under date of May 28th that the pig iron rates will apply on pyrites ore from Sault Ste. Marie, Ontario, ex Goudreau, Ont., to Cincinnati, Cleveland, Columbus and Detroit, effective May 30th, and to the other Central Freight Association points effective June 30th, by the Minneapolis, St. Paul and Sault Ste. Marie Railway. The tariffs of the Duluth, South Shore and Atlantic Railroad will be issued to become effective on statutory notice.—“American Fertilizer.”

Shanghai, China, June 24.—An agreement has been virtually concluded between the Chinese and Japanese Governments, it has been learned by The North China News, under which the iron mines at Feng Huan Shan will be worked by the Chinese Government, and steel will be manufactured by the Chinese and Japanese. It is said that the Japanese will provide 20,000,000 yen to defray the expense of carrying out the work.

This means, it is said, that the Japanese will virtually acquire control of the entire output of the mine. At present they are negotiating for the right to participate in the working of the property. Pending decision, the final signing of an agreement has been delayed.

TORONTO MARKETS.

Cobalt oxide, black, \$1.50 per lb.
Cobalt oxide, grey, \$1.65 per lb.
Cobalt metal, \$2.25 per lb.
Nickel metal, 45 to 50 cents per lb.
White arsenic, 17 cents per lb.
June 26, 1918—(Quotations from Canada Metal Co., Toronto).
Spelter, 10½ cents per lb.
Lead, 10¼ cents per lb.
Antimony, 16 cents per lb.
Copper, casting, 28 cents per lb.
Electrolytic, 28½ cents per lb.
Ingot brass, yellow, 21 cents; red, 26 cents per lb.
June 26, 1918—(Quotations from Elias Rogers Co., Toronto).
Coal, anthracite, \$10.00 per ton.
Coal, bituminous, nominal, \$9.50 per ton.

SILVER PRICES.

	New York	London
	cents.	pence.
June 10	99½	48½
June 11	99½	48½
June 12	99½	48½
June 13	99½	48½
June 14	99½	48½
June 15	99½	48½
June 17	99½	48½
June 18	99½	48½
June 19	99½	48½
June 20	99½	48½
June 21	99½	48½
June 24	99½	48½

STANDARD MINING EXCHANGE.

Messrs. J. P. Bickell & Co. report the following closing quotations on the Standard Stock & Mining Exchange at the close of business, June 26, 1918:

Gold.		
	Bid.	Asked.
Apex .....	.03	.03½
Dome Extension .....	.09½	.10½
Dome Lake .....	.12¼	.15
Dome Mines	6.50	..
Hollinger	4.83	4.85
Imperial .....	.01	..
McIntyre	1.29	1.30
New Ray .....	.20	.20½
Porcupine .....	.13	.13½
Vipond .....	.12	.15
Preston East Dome .....	.02¼	.03
Teck-Hughes .....	.35	.40
West Dome .....	.06¼	.07
Silver.		
	Bid.	Asked.
Adanac .....	.08	.08½
Bailey .....	.03½	..
Buffalo .....	..	1.05
Beaver .....	.24	.26¼
Chambers Ferland .....	.12¼	.14
Coniagas .....	..	..
Crown Reserve .....	.18	..
Gifford .....	.02	.02¼
Great Northern .....	.03¼	.04
Hargraves .....	.04¼	.05
Hudson Bay .....	..	34.00
Kerr Lake	5.60	5.90
Larose .....	.41¼	.44
McKinley .....	.36¼	.39
Nipissing	8.95	9.00