

and each has a nominal capacity of 300 tons every 24 hours. Three Connersville blowers have been installed, two of them in 1903. One No. 7 and one No. 7½ have their own direct-connected 75-h.p. Erie steam engines, while the third, a No. 8, is direct-connected to a 125-h.p. Erie engine, this last-mentioned blower being large enough to provide blast for two furnaces. A Canadian Rand Drill Company's 7 by 12 locomotive and seven 5-ton Union Iron Works slag cars were also purchased, and rails were laid to provide for dumping the slag hot instead of granulating, this change having been found necessary here as well as at other district smelters. Additions to plant and machinery and to buildings, etc., involved a total outlay of about \$70,000.

The tonnage of ore treated at this smelter during 1903 was 132,570 tons, of which only 317 tons were dry ores. The 132,253 tons of wet ores produced 3,041,104 lbs. of copper, 52,278.74 ozs. silver and 7,859.005 ozs. gold. The dry ores yielded 20,474.57 ozs. silver and 150,906 ozs. gold. There were 1,661 tons of United States (Republic camp) ores treated, these producing 4,592.69 ozs. silver and 615,122 ozs. gold.

The district mines that sent ore to these works were the Sunset, Snowshoe, B. C., Winnipeg, Athelstan, Providence and Elkhorn, the two last-named sending gold-silver-quartz ores. The management of this smelter gave the smaller low-grade mines a smelting rate that enabled them to work to some advantage to themselves, which they could not well have done had the freight and treatment charges been high.

LESLIE HILL, MINING ENGINEER REPORTS AND MINE MANAGEMENT.

Consulting Engineer to the Hastings (B. C.)
Exploration Syndicate.

London Office,
161-4 Dashwood House,
New Broad Street, E. C.

Nelson, B. C.

Crow's Nest Pass Coal Co., Ltd.

Directors—George A. Cox, President; Robert Jaffray and H. M. Pellatt, Vice-Presidents; E. R. Wood, Treasurer; G. G. S. Lindsey, Secretary; Thos. Walmsley, James Mason, Frederick Nichols, David Morrise, J. D. Chipman, J. A. Gemmill, Wm. Fernie.

HEAD OFFICES—TORONTO, ONT.
BRITISH COLUMBIA OFFICES—FERNIE, B. C.

Bituminous Coals and Coke.

Mines and Ovens at Coal Creek, Michel and Morrissey, B. C. Present capacity of mines 1,000,000 tons of coal per annum. Coke ovens 350,000 tons per annum.

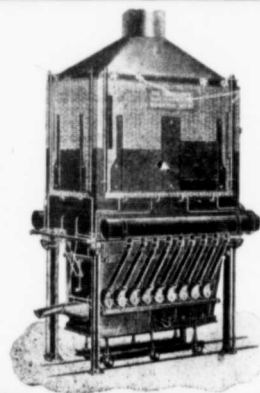
We would call attention to the superior quality of our Michel Blacksmith Coal, suitable for large forgings. Can be shipped at reasonable prices to all parts of British Columbia, the Northwest Territories and Manitoba.

This Company also owns the Fernie and Morrissey Mines townsites, which offer investments in town lots that cannot fail to prove productive.

Having a large amount of development under way, there is always work for coal miners at good wages, and it may be said that there are few places in the world where labor of all kinds can earn more net money under agreeable conditions.

THOS. R. STOCKETT, JR.
General Superintendent,
Fernie, B. C.

D. DAVIES,
Comptroller,
Fernie, B. C.



MINING Machinery

Our experience in designing and installing complete plants has extended over a period of many years, and this experience together with the fact that we are in close touch with many eminent metallurgists places us in a position to supply our customers with machinery of the latest and most improved type, and with plans for its installation in accordance with up-to-date and practical methods of handling ore so as to obtain the best commercial as well as metallurgical results.

COMPLETE POWER LIGHTING HEATING
AND PUMPING PLANTS

CHAS. E. MOORE & CO.,
ENGINEERS

PACIFIC COAST AGENTS FOR
The Holthoff Machinery Co.,

CUDDRY, WIS.

MAIN OFFICE

63 First St. San Francisco California.

Branches—New York, 1303 Havemeyer Bldg; Seattle,
218 Second Ave. S.; Los Angeles, 321 Trust Bldg.;
Baker City, Oregon; Salt Lake City, Utah.

Adver. 282.