

the aid of a compressor plant operated by steam power, erected at a cost of \$5,000.

The Jackson Mining and Milling Co. own and operate the Jackson mines, using water power taken from Jackson Creek to operate their concentrator and electric plant, the concentrator having a capacity of eighty tons per day. Their machinery cost \$18,000.

The Whitewater mines, owned by the Whitewater Mining and Milling Co., is at present being equipped with a complete milling plant, to be operated by water power, the plant to cost \$85,000. The Whitewater Deep mine is operated by a company of the same name, having just completed the erection of a fifteen drill compressor plant operated by waterpower and built at a cost of \$10,000.

The Motezuma Mining and Milling Co., with headquarters at Kaslo, B.C., own and operate the Montezuma mines, using water power to operate their mill, connected with the mines by gravity tramway. The total cost of the machinery on this property was \$45,000.

The Noble Five Mining and Milling Co. are carrying on extensive development with one of the most complete mining machinery plants yet constructed in British Columbia, consisting of an air compressor built by the

Ingersoll-Sargent Rock Drill Co., with a capacity capable of forcing air through a four-inch wrought iron pipe from the mill to the mine, a distance of 8,000 feet, and with four drills and two fire blasts in full operation, shows but a loss of two and one-half pounds between the pressure exerted at the mill and that at the mine. On this property a gravity tramway, 6,100 feet in length, is constructed, requiring 24,400 feet of cable supported by twenty towers. In one place the cable carries at a height of 400 feet. This tramway requires but three men to operate it at its full capacity of twenty tons an hour. The power for the operation of the compressor plant on this property is taken from Cody Creek, one mile distant, conveyed by a flume, 18x24 inches, a distance of 4,700 feet, thence by a penstock of ten-inch wrought iron pipe to the mill, a distance of 1,800 feet, giving direct water pressure the full distance. A thirty-six inch Pelton wheel serves to produce power to operate the machinery. The wheel has a capacity of 300 horse power.

The mill of the Noble Five Co., which is truly representative of the mills of the district, contains the following machinery:

One Blake crusher.

Four sets crushing rolls.

Twelve two-compartment jigs, with a capacity of ten tons each per day.

Screen Sizers, producing six sizes of ore. Slime Tables.

Ten settling Tanks, used in retaining the light and greasy metals that work off in the slimes.

The machinery on the Noble Five was erected at a cost of \$22,000.

JNO. R. CASSIN.

CALENDARS AND OTHER SOUVENIRS

Some of the holiday remembrances sent to us by friends were as follows:

The Barber & Ellis Co., Toronto, manufacturers of envelopes, paper boxes, etc., a beautiful office calendar.

John Bertram & Sons, Dundas, Ont., proprietors of the Canada Tool Works, and manufacturers of all kinds of iron and wood working machinery, paper mill machinery, etc., a beautiful office calendar.

The B. Greeing Wire Co., Hamilton, Ont., manufacturers of all kinds of wire and sheet metal goods, a beautiful office calendar.

Willard & Frick Mfg. Co., Rochester, N.Y., manufacturers of the Rochester Time Recorder, a beautiful office calendar.

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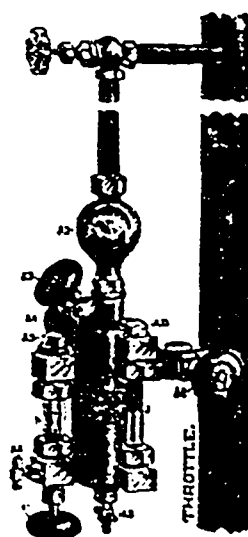
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