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discussion as possible at earliest date.

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THE MINE FIRE AT DOMINION NO. 1 COLLIERY, GLACE BAY, N.S.

By SHIRLEY DAVIDSON and NORMAN MCKENZIE.

Dominion No. 1, which is one of the oldest collieries in Cape Breton, was first mined by the General Mining Association in 1831.

It was abandoned for some years prior to 1893, when it passed under the control of the Dominion Coal Company, who sunk the present coal, air, and material shafts and equipped the mine with the most modern machinery, such as endless haulage systems, compressed air, self-dumping cages, electric haulage and electric lighting. The mechanical equipment on the surface consists of: Babcock & Wilcox boilers, of 1,696 rated H.P.; one coal hoist engine; one man hoist engine; two 26" x 60" haulage engines; three fans, 24 feet, 12 feet, and 8 feet, respectively, with capacities of 200,000, 75,000 and 25,000 cubic feet of air per minute; three air compressors in three units of 2,600 cubic feet each per minute; and one 100 K.W. electric 250 volt generating unit.

The bankhead consists of a steel structure equipped with up-to-date appliances for picking and screening the coal and delivering it to coal cars, and also to the colliery boilers and locomotives by means of 14" and 12" Robins Belt Conveyors.

Underground there are in use 62 horses, 46 mining machines and 340 pit tubs.