

Carroll
Parr.

Frontenac Lead Mine

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FRONTENAC LEAD MINE.

This mine is situated about sixteen miles from the Port of Kingston, on Lake Ontario, by good roads. It comprises the south half of Lot 16 and the east and north parts of Lot 15 in the 9th Concession of Loughborough, containing about 200 acres, transversed diagonally for a distance of nearly a mile from south-east to north-west by the principal lead bearing vein, 10 to 12 feet wide, richly charged with galena, and cutting the country rock at right angles. On this vein two shafts have been sunk about half a mile apart. The eastern shaft, or No. 1, on Lot 16, has been sunk nearly 200 feet, with an adit of 450 feet at a depth of 40 feet and 18 and 28 fathom levels along the vein and between its walls. The western shaft, or No. 2, on Lot 15, has been sunk to about 30 feet, and the last ore raised from the bottom was a cubical mass of almost pure galena of about 200 pounds weight. This shaft is provided with a steam engine and hoist. At and near shaft No. 1 the following buildings have been erected:—(1.) Shaft house. (2.) Dry house. (3.) Office. (4.) Engine and crusher house, 82x44, with powerful engine and crusher. (5.) Dwelling house, 36x26. (6.) Boarding house, 48x21. (7.) Blacksmith's and carpenter's shop, 31x25. (8.) Barn, 36x24. (9.) Mill building, 60x60 and two storeys high, containing under one roof engine of 40 horse power, with two boilers, very complete pumping and hoisting machinery, drum, cables, &c., two sets crushing rolls, two sets jiggers, and other washing and dressing plant, Mackenzie blower, and American smelting furnaces. Lead to the value of \$25,000 was obtained from the mine by the late lessees. Phosphate of lime has also been discovered in several places on this property, and the Foxton phosphate mine on Lot 13, in 10th Concession, about 800 yards north-west, has just changed hands at \$30,000.

SKETCH OF PROPERTY SHOWING COURSE OF VEIN AND SHAFTS 1 AND 2.

