

MUNICIPAL WORKS, ETC.

The waterworks being installed at Gananoque have been opened.

Brantford will vote in January on a by-law to raise \$62,000 for an underground drainage system.

Stratford city council will probably submit a by-law to the voters in January for the raising of \$50,000 to be used in extending the water mains and improving the fire protection.

The asphalt plant owned by the City of Winnipeg was burned November 6th. The loss will be over \$20,000. All work on the asphalt street pavement will be stopped for the year.

Windsor has experienced a building boom this year. Nearly \$500,000 has been spent in buildings in that city during the year, while about half that amount has been similarly spent in Walkerville.

St. Thomas has reached an agreement with the Gas Company without requiring the services of the arbitrators who were appointed. The price to be paid for the gas, electric light and power plant has been fixed at \$196,000.

Dundas will repair the town dam, which has been damaged greatly by the spring freshets of the past two years. The cost is estimated at \$1,500. R. L. Latham, of Hamilton, is preparing plans.

Recent visitors to New Liskeard report that that town is much improved in appearance. A better class of houses is going up, and everyone appears to be prosperous. The town recently purchased a fire engine and a supply of hose.

Toronto is now laying a six-foot water conduit across the bay, at a cost of \$175,000. Plans are being prepared for an eight-foot tunnel under the bay, which is to be constructed after the completion of the conduit. The tunnel will cost, it is estimated, about \$350,000.

Ottawa recently asked the Ottawa Electric Railway to set a price on the plant and franchise, and the figure quoted was \$2,500,000, and the assumption of a bonded indebtedness of \$500,000. The price is regarded as reasonable, but is thought by many to be beyond the city's finances.

The offer of Snow & Barbour, a Boston firm of engineers, to report on the best method of increasing the water supply of Halifax, was accepted by the city council, but was vetoed a week later by the Mayor, on the ground that sufficiently competent engineers could be found in Canada. A legal contest is said to be probable.

Westmount, Que., will on December 3rd, take a vote on a by-law empowering the town to acquire property for supplying electric light. It is thought that the town can supply light at about two-thirds of the price now charged by the company. The contract with the Montreal Light, Heat & Power Co. expires in December, 1906. The expense of installing the municipal plant will be met by a loan of \$225,000.

MINING MATTERS.

A new gold vein has been discovered in Guysborough County, Cape Breton, three miles from the Richardson gold mine.

The German-American Co., recently organized, has secured 2,000 acres of mineral land near Lake Rideau, Ont., and is shipping phosphate to Germany.

A new plant, costing \$50,000, is being installed in the Lower Cove (N.S.) coal mines. The number of hands employed will be increased from 150 to 300.

Molybdenum has been found near Black Donald, Renfrew County, Ont. Representatives of United States capitalists have purchased the property on which the discovery was made.

The Minto gold mine in the Michipicoten district, has been sold to Reading, Pa., capitalists for \$108,500. The sale is regarded locally as an indication of the revival of interest in gold mining in that neighborhood.

Corundum found in Methuen Township, Peterboro County, has recently been assayed by Prof. Wilmot, of the Geological Survey, and declared to be the finest ever assayed by the Survey. It has a specific gravity of 3.99.

The iron range in Boston Township, some distance north of Haileybury, has been examined by Prof. W. G. Miller, Provincial Geologist, and is found to be similar in character to the other ranges in the northern part of the province.

A company working the copper deposit at St. Julien's, Nfld., have struck a superior quality of the metal at a depth of 30 feet. Four hundred tons of ore are already on the surface, and it is expected that 4,000 tons will be ready for shipment in the spring.

The deposits in the neighborhood of Cobalt, Ont., (a new station on the Temiskaming Railway, five miles from Haileybury), have panned out well the past summer, about \$200,000 worth of cobalt, nickel, silver and arsenic having been shipped to New York for treatment. These deposits were discovered about a year ago.

The Sapphire corundum mine, in Peterborough County, which has been closed owing to the attempted frauds of Ernest Terah Hooley, who sank thousands of dollars of English capital in the mine, will be reopened and operated again. The company will be composed largely of local capitalists. L. A. Morrison, of Toronto, formerly of Peterborough, is at the head of the organization.

W. E. H. Carter, of the Bureau of Mines, made an extended trip to Northern Ontario last month. He reports activity in the mining industry. The Huronian Co., developing the water-power at Turbine, expect to deliver 11,000-h.p. to the Canadian Copper Co. next year. The Copper Company has a blast furnace in operation in connection with the converters. The Creighton mine has easily supplied sufficient ore to the works so that the other mines have closed down. High grade material has been produced from matte, having 80 to 82 per cent. combined nickel and copper, and at lower cost than in any previous period. The Massey Station copper mine has now got the Elmore oil plant satisfactorily concentrating ore. The Herminia copper mine adjoining the Massey is also being actively developed. A shaft has been sunk to a depth of 200 ft. to the vein. The Shakespeare gold mine is putting up a five-stamp mill, and ore will be treated shortly. Another adjoining mine in course of development is the Avon. On the Algoma Central, north of the Sault, the Williams iron mine has struck in lower levels, 200 feet deep, several bands of high grade hematite ore, totalling 23 feet of clean ore, and an additional ten feet or more of second grade. This is an entirely new iron area, and if the bodies prove to be continuous, may develop into an important field. North of Temagami there are two promising prospects, one for iron pyrites (sulphur ore), and another for arsenical pyrites. There are a number of other iron pyrites and arsenical properties in the district which are likely to be exploited next season.

MARINE NEWS.

The whaling steamer, Harbor Grace, with a crew of twelve men, from Norway for St. John's, Nfld., now nearly a month overdue, is given up for lost.

Davis & Sons, of Kingston, have received a contract to build an \$8,000 steamboat for W. Thompson, Orillia. It will be eighty-two feet long and sixteen feet beam.

Next season the C.P.R. will purchase at least two new boats for the Atlantic service, and the Pacific fleet will be strengthened by the addition of two, if not three, new steamers.

The Hamilton Steamboat Co. has declared a dividend of ten per cent., and satisfaction with the season's business has been expressed. The Modjeska and Macassa will be improved and refitted during the winter.

The passenger steamer Ocean, which plied between Hamilton and Montreal, was burned to the water's edge at Port Dalhousie last month. She was 137 feet long, and was built in 1872 at a cost of \$30,000. She was owned by the Wentworth Navigation Co., Toronto.

The Germanic, formerly of the White Star Line, and latterly on the American line between New York and Southampton, is now being renovated at Harland & Wolf's yards, Belfast. It is reported that she will come to Montreal next season as a Dominion liner, with the name Ottawa. She will have a speed of 17 knots, with a maximum of 20 knots.