

A Yorkshire firm manufacturing hot water boilers and radiators are open to correspond with Canadian buyers.

A Danish correspondent asks to be placed in touch with Canadian manufacturers of building materials open to do business with Denmark.

From the branch for City Trade Inquiries, 73 Basinghall Street, E.C.:—

A London firm who are buyers of old scrap copper, brass, gun metal, etc., would be glad to receive offers from Canadian exporters.

## CURRENT NEWS.

**Nelson, B.C.**—A new powder magazine has recently been completed for the Giant Powder Company. It is constructed of fire and weather proof brick and concrete, and fitted with a complete system of lightning conductors and bullet proof steel doors, powder and cap magazines. An 800-ft. approach from the water and the railway to the buildings has also been constructed.

The powder magazine is 22 by 32 feet and the cap house is 8 by 10 feet in size. Each building has a double room, the inside filled with earth and the covering being of asbestos. Lightning conductors have been installed at all the corners of the buildings and doors, which are of 8-plate steel, and all other metallic work are electrically connected with these conductors. The magazine will accommodate between two and three carloads of powder. The cost of buildings and approach is in the neighborhood of \$4,000.

**Province of Quebec.**—A great deal of field work will be done this coming season in geological and mining investigations in the Province of Quebec, by both the Dominion Department of Mines and the Provincial Mines Branch.

The following programme has been settled upon:—

The Dominion Geological Survey will send two exploring parties in North-western Quebec. One of these will investigate the mining possibilities of the country to the east of the Bell River, between Grand Lake Victoria and Lake Mattagami. The other party will operate along the Nottaway River, from Lake Mattagami northwards. This is along one of the most likely routes for the projected Montreal-James Bay railway.

Another Geological Survey party will continue the work begun two years ago in Brome and Missisquoi counties, mapping out in detail the geology of the region.

Mr. J. Keele, of the Federal Geological Survey, who has made a specialty of the investigation of the clay deposits and industry, will begin a scientific inventory of the clay and shale resources of the province. The importance of this work may be gathered from the fact that last year the value of the products of the clay industry of the province of Quebec exceeded \$1,500,000. A large quantity of clay is imported from New Jersey for the manufacture of pottery, drain-pipe, glazed tiles, etc., and it is quite possible that this investigation may result in the discovery of clays suitable for these purposes in this province.

The Dominion Mines Branch will begin a study of the peat deposits, and will report on their suitability for fuel purposes. The province of Quebec, unfortunately, does not possess coal deposits and is dependent upon Nova Scotia and Pennsylvania for its supply of fuel.

The Quebec Mines Branch will send out two parties. One of these will investigate the mineral resources of the region of the head-waters of the Harricanaw River, in North-western Quebec, whence has come the rumor of important mineral discoveries. Another party will continue the inventory of iron resources, which was begun last year. These two parties will be respectively in charge of Dr. Bancroft, professor of Geology at McGill University, and Mr. E. Dulieux, professor of Mining Engineering at Polytechnic School of Laval University.

## STREET RAILWAY ENGINEER WANTED.

The City of Brandon are calling for applications up to June 10th, for the position of Street Railway Engineer. Applicants for the position must have constructing and operating experience in street railways, and must be prepared, if necessary, to form a part of a public utility commission for the City of Brandon. The advertisement for the position will be found in this issue of The Canadian Engineer.

## ORDERS OF THE RAILWAY COMMISSIONERS OF CANADA.

Each week on this page may be found summaries of orders passed by the Board of Railway Commissioners, to date. This will facilitate ready reference and easy filing. Copies of these orders may be secured from The Canadian Engineer for small fee.

- 16435—May 3—Approving location of G.T.P. station to be erected at Fraser Lake, B.C., mileage 359 from Prince Rupert.
- 16436—April 23—Authorizing G.T.P. B.L. Co. to cross highway and divert road on its Cutknife Branch, Saskatchewan.
- 16437—May 2—Dismissing complaint of J. O. Hall, of Toronto, re G.T.R. train connection at Belleville for Madoc, Ont.
- 16438—May 2—Refusing application of C.P.R. to vary terms of Order 15777, Jan. 8th, 1912, re Goderich interchange.
- 16439—May 2—Dismissing application of Ontario Malleable Iron Co., Ltd., Oshawa, re C.N.O. Ry. spur for manufacturers.
- 16440—April 26—Approving by-law of Kootenay and Alberta Railway Co. authorizing S. T. Maines, Traffic Manager, to prepare and issue tariffs of tolls and approving Standard Freight Tariff, C.R.C., No. 1.
- 16442—May 3—Extending for six months time for filing by Esquimalt & Nanaimo Ry. revised Standard Tariff of freight tolls.
- 16443—May 3—Authorizing Algoma Central & H. B. Ry. to construct branch line on Michipicoten Branch.
- 16444—May 2—Directing that C.P.R. protect Lansdowne Ave. crossing, Toronto, Ont., with gates within 30 days, 30 per cent. by city, 30 per cent. railway, 20 per cent. by Canada Foundry Co., and 20 per cent. from Railway Grade Crossing Fund.
- 16445—May 3—Authorizing C.P.R. to construct spur for Messrs. Skinner & Miquelon, Calgary, Alberta.
- 16446—May 4—Authorizing C.P.R., and approving location of station to be erected at Craven, Sask.
- 16447—May 6—Authorizing C.N.R. to connect its lines temporarily, during construction, with C.P.R. near Dalziel Station, in Twp. of Lyon, and Dist. of Thunder Bay.
- 16448—May 4—Approving plan "A" of G.T.R. crossing of Burford and Mount Pleasant Roads, near Brantford, Ont.
- 16449—May 1—Authorizing C.N.R. to cross with its Swift Current Extension 14 highways in Saskatchewan.
- 16450—May 6—Authorizing town of Welland to construct Major Street across G.T.R.
- 16451—May 3—Directing that C.N.R. pay cost of changes in interlocking plant near Ottawa, operating and maintaining to be divided equally among N.Y. & O.; C.P.R.; G.T.R.; C.N.R.
- 16452—May 6—Rescinding Order No. 15994, dated Feb. 17, 1912, and naming revision in express delivery and collection limits for Kamloops, B.C.
- 16453—May 6—Directing Railway Companies to charge certain rates on coke in carloads of 30,000 minimum, tariffs to become effective not later than June 1st, 1912.
- 16454—May 6—Approving revised location of Campbellford, Lake Ontario & Western (C.P.R.), mileage 134.68 to 155.66.
- 16455—May 7—Approving location of Niagara, Welland & Lake Erie Ry. between G.T.R. tracks on East Main St., Welland, and M.C.R. tracks on South Main St., same town, 1½ miles.
- 16456—November 7—Authorizing C.N.O. Ry. to cross with its tracks the C.P.R. spur to Mimico, in Twp. of Etobicoke, interlocker to be installed; whole cost by C.N.O. Ry.
- 16457—May 7—Authorizing G.T.B. B.L. Co. to cross with its Calgary Branch 2 highways in Alberta.
- 16458—May 6—Approving location of 8 stations of G.T.P. B.L. Co. Biggar-Calgary Branch.
- 16459—May 6—Authorizing C.P.R. to re-construct bridge 83.2 and 79.1 on its London and Windsor S.D. Ontario Division.
- 16460—Authorizing C.P.R. to construct spur for Inland Coal and Coke Co., Ltd., at Merritt, B.C.
- 16461—May 7—Authorizing C.P.R. to use and operate bridges Nos. 2.6 and 10.6 on Crow's Nest Division.
- 16462—May 7—Approving location of Central Ry. Co. of Canada, from village of St. Eustache to village of Oka, mileage 16 to mileage 31, in County of Two Mountains, Que.
- 16463—May 7—Authorizing Campbellford, Lake Ont. & Western Ry. (C.P.R.) to cross with tracks at mileage 87.86 from Glen Tay over C.N.O. Ry. spur line in town of Trenton, Ont.
- 16464—May 7—Authorizing C.P.R. to construct its track across highway at mileage 5, Mission S.D., B.C.
- 16465—May 7—Authorizing C.P.R. to construct spur into premises of George Minger, at Titian, Alberta.
- 16466—May 7—Authorizing Central Vermont Ry. to make connection with C.P.R. spur line into Farnham Military Camp, Farnham, Que.
- 16467—May 7—Authorizing C.N.O. Ry. to cross Weston Plank Road, Toronto, by means of a subway.
- 16468—May 6—Naming express delivery and collection limits for Toronto, Ontario.
- 16469—May 6—Authorizing Thomas Davies, of Toronto, to construct over-head crossing over C.P.R., in Lot 6, Twp. of Nipigon, Dist. of Thunder Bay, Ont.
- 16470—May 9—Approving location of C.N.R. through Twps. 16-17, Range 26, west 2nd M., and part of city of Moose Jaw, Sask., mileage 84.25 to 87.13.
- 16471—May 4—Approving Campbellford, Lake Ont. & Western (C.P.R.) location, mileage 124.83 to 125.5, and revised location from mileage 127 to 134.68, Twp. of Hope, Ct. Durham, Ont.
- 16472—May 9—Authorizing C.P.R. to cross with its Pheasant Hill Branch 19 highways in Manitoba.
- 16473-74—May 8-16475-76—May 9—Approving revised location of C.N.O. Ry. (Montreal-Port Arthur Line), through Twp. of Davis, Dist. of Nipigon, and of C.N.O. Ry. revised location at Callander, Twp. of Ferris, and Dist. of Nipissing; and of C.N.O. Ry. (Montreal-Port Arthur Line), through Twp. of Pedley, Dist. of North Bay; and C.N.O. Ry. (Sudbury-Port Arthur Line), through unsurveyed territory in District of Thunder Bay, mileage 149.85 to 161.03 from Port Arthur.