

The C.P.R. has placed an order for fifty locomotives with the American Locomotive and Machine Works at Longue Pointe, to cost \$19,000 each.

The work on the construction of the Quebec and Saguenay Electric Railway, from St. Joachim to Malbaie, a distance of 58 miles, will be commenced shortly, and pushed to completion with all possible speed. The new road is being promoted by a syndicate of twenty-six Quebec, Montreal and Toronto capitalists, who have assumed the full responsibility for the cost, \$1,500,000, which will include the electrical equipment and rolling stock of the road.



MINING MATTERS.

Rich silver deposits have been discovered in Haliburton county, Ont.

The last clean-up of the St. Anthony Reef gold mine amounted to \$8,000.

A discovery of copper, mixed with gold, has been made near Cardston, Alta.

It is reported that the silver mines in Port Arthur are to be reopened shortly, when Port Arthur will again become the centre of one of the richest mining camps in America.

The discovery of cobalt in large quantities in Northern Ontario, and the limited market for that metal, have had a disastrous effect upon its price, which has fallen from \$3 a pound to 37 cents a pound.

The Macdonnell Dominion Government Survey have made a discovery of gold in the Peace River country, which, judging by surface indications, promises to be the richest find yet made in this country.

The output of the Dominion Coal Company for the first seven months of the present year was 2,032,018 tons, as compared with 1,696,439 tons and 1,765,136 tons in the corresponding periods of 1905 and 1904 respectively.

A vein of nickel ore has been discovered in the southwest part of the city of Ottawa, between Rochester and Division Streets. Much excitement prevails in the locality, and real estate there has gone up with a bound.

C. V. Haines, a well-known mining engineer of India, was in Ottawa recently. He says that there is an increasing interest on the part of the better class of natives in the rapidly developing mining industry of that country.

While engaged in digging a sewer in Port Arthur recently a laborer named McPherson struck a vein of quartz, highly mineralized with silver and sulphide of copper, and has staked a claim on the street in partnership with Capt. Hogan.

A new vein has been located on the Nipissing property, near working vein No. 25. It was about 13 inches wide where first discovered. It has been uncovered and followed for a distance of over fifty feet, and by careful and accurate measurement it was found to be five feet wide, with a surface out-cropping of practically native silver.

The purchase of the Iron Mask property by the Canadian Consolidated Smelting Company is along the lines of the announced policy of the Consolidated Company at its last general meeting in Montreal, and it is just one more step in the direction indicated by James Cronin when he announced his resignation. "I think, in time," he said, "that the Consolidated Company will become one of the greatest mining corporations of the West, of the American continent, and one of the world's greatest mining concerns."

The winze in the Le Roi has reached the 1,750 foot level, which makes the Le Roi the deepest mine in British Columbia. Drifting from the bottom winze is in progress for the purpose of intersecting the ledge on this level. The slump has been made at the bottom of the shaft on the 1,350 foot level. After some further preliminaries, which are being done, the work of deepening the shaft, which has five compartments, and the dimensions of which are 25 by 5½ feet, will be commenced. It is the intention to deepen the shaft to the 2,000 foot level and perhaps further. The work will cost between \$125 and \$150 a foot.

PERSONAL

David D. Elder, jr., has resigned from the management of the M. W. Kellogg Co. in order to build tile-lined concrete chimneys. Mr. Elder's address is now 42 Broadway, New York City.

J. M. Broucher, of the Brownell Company, Dayton, Ohio, has resigned his connection with that company to accept the position of assistant general manager of sales for the Atlas Engine Works, of Indianapolis.

Prof. Willet G. Miller, who has charge of development of veins on the Gillies timber limit, Ontario, will attend the International Geological Congress at the city of Mexico, leaving his Government work in charge of Mining Inspector E. T. Corkill.

Attorney-General Campbell, of Manitoba, announces the appointment of F. Dagger, of Toronto, as one of the Manitoba Government's telephone experts. His duties will be to advise with the municipalities and give information regarding the proposed Government system.

J. G. Macklin, who has been divisional engineer of construction for the eastern forty miles of the Guelph and Goderich Railway from Guelph west, has received the appointment of chief engineer of construction of the St. Mary's and Western Railway from Woodstock to St. Mary's. Mr. Macklin's headquarters will be at Guelph.

Anthony C. Douglass, who was connected with the wheel-pit work of the Niagara Falls Power Company, and who built the tunnels of the Canadian Niagara Power Company and of the Electrical Development Company of Ontario, Limited, has returned to his home in Niagara Falls after a trip to the Pacific Coast to investigate the proposed power work on the Feather River in California.

William Perry, who for the past thirty years has been connected with the firm of R. H. Buchanan & Co., has severed his connection with them to take charge of the general steam pump trade of the International Pump Company in Canada with the John McDougall Caledonian Iron Works Company, Limited, Montreal. Mr. Perry is practically the oldest pump expert in the Dominion, having been connected with that class of work since 1851.

The press of Ottawa and Montreal have conveyed an impression that Mr. W. R. Brock, of Kingston, had been promoted to the position of Director of Geological Survey of Canada; other notices conveyed the impression that he had been appointed Chief Geologist, implying that Dr. Robt. Bell had resigned. Neither statement is accurate. Mr. Brock has merely received well-earned recognition in the shape of an increase in salary, and the offices of Director and Chief Geologist remain exactly as before.

W. H. Whiteside, president of the Allis-Chalmers Company, Milwaukee, returned on August 22nd from a two-months' combined business and pleasure tour of England, France, Germany and Switzerland. Mr. Whiteside inspected various large manufacturing industries in England and on the Continent. Among them he visited the plants of the leading English steam turbine builders, whose American rights for building Parsons steam turbines for marine and land use are enjoyed by the Allis-Chalmers Company.



MUNICIPAL WORKS, ETC.

Waterloo is to have a third storage tank added to its water-works, together with other improvements. Five thousand dollars is to be expended.

A by-law has been introduced into the city council of London giving notice of the city's intention to buy the London Street Railway and run it as a municipal concern.

Preston, Ont., recently carried two by-laws for the installation of a water-works and a sewage system. The sum voted for the water-works system is \$57,000, and for the sewerage \$16,000.

Plans and specifications for the waterworks of the village of Cartierville, Que., are now being prepared by Charles Brandeis, consulting engineer, of Montreal. About 3½ miles of streets will be provided.