

both the Aluminium Company and the Canada Carbide Company at Shawinigan.

**Timmins, Ont.**—The mill building for the treatment of the gold ore has now been completed at the property of the Schumacher Gold Mine, Limited. The machinery, some of which is on the ground, is now being installed, including a tube mill and a Hardinge conical mill. The shaft is now down 440 feet and sinking to the 600-foot level is being gone on with, following the completion of which extensive development work will be commenced. At the 300-foot level a quartz vein has been cut, which is said to be 800 feet wide. This vein lies about 300 feet from the main shaft in a northwesterly direction and it is believed that the grade of ore from it will be good.

**Vancouver, B.C.**—Scarcity of snow and rain among the mountains of the north shore last winter has caused the water in the creeks on which Greater Vancouver depends for its water supply, to drop to a fraction of its volume at the corresponding period last year. In Seymour Creek, observations taken recently show that only half the amount of water registered at the intake last year is now flowing. At the Capilano intake, the situation is worse for there is only one-quarter of the water in the creek that there was at the end of June, 1914. According to Mr. J. T. Breckon, the city waterworks engineer, there is no cause for alarm, however, although the consumers are being requested to use sparingly of the supply for the present.

**Winnipeg, Man.**—The contract for putting in the sub-structure for the cantilever bridge to be built over the Nelson River at Manitou Rapids, for the Hudson Bay Railway, has been awarded to Robert McDonald, of Winnipeg, according to an announcement made by Chief Engineer Porter. Mr. Porter states that he is well satisfied with the progress being made in the construction of the line. The construction of the terminals at The Pas will not be started until next spring. The plans are now under consideration at Ottawa, and the work will be commenced as early as possible in 1916. By starting next spring the work can be finished coincidentally with the completion of the railway in 1917. It is also stated that the electrification of the road is being considered, with a view of economy in operation. Engineers of the Water Power Branch of the Department of the Interior are examining the water falls on the Nelson and Grass rivers to ascertain the possibility of harnessing their power for the purpose. This is the first attempt to determine the question of electrifying the road on the volume of water power available along the line.

## OBITUARY.

The death occurred last week at his summer home in Muskoka of Aubrey White, C.M.G., Deputy Minister of Lands, Forests and Mines for the Province of Ontario.

## CANADIAN MUNICIPALITIES.

The Union of Canadian Municipalities held a special meeting at Niagara Falls, Ontario, on July 20th and 21st, at which were discussed municipal problems, chiefly unemployment arising out of the present situation. The annual convention, which was to have been held at Victoria, B.C., was postponed on account of the war, but the unemployment problem was considered too important a subject to be delayed further.

## PERSONAL

C. R. McCORT, B.A.Sc., a recent graduate in civil engineering of the University of Toronto, has joined the staff of the Forest Products Laboratory of Canada, at Montreal.

A. M. BRAY, assistant professor of electrical engineering at McGill University, Montreal, has resigned to become professor of electrical engineering at Cornell University.

H. E. TANNER, formerly assistant town engineer of Chicoutimi, Quebec, and for three years on the engineering staff of the Transcontinental Railway, succeeds Mr. H. Hadley as city engineer of Verdun, Quebec.

J. J. CALLAHAN, formerly connected with the Southern Counties Traction Co., Montreal, has been appointed operating manager of the newly electrified London and Port Stanley Railway, for the Hydro-Electric Power Commission of Ontario.

G. R. G. CONWAY, whose resignation as chief engineer of the British Columbia Electric Railway Co., Vancouver, B.C., was recorded in our issue of July 8th, will establish an office as consulting engineer at Toronto. He has had very extensive experience in engineering work in England, Scotland, Mexico and Canada. His accomplishments in connection with the Girdleness outfalls project under the River Dee, Aberdeen, Scotland, electric railway power development and municipal work at Monterey, Mexico, the Coquitlam dam for the Vancouver Power Co., and the Jordan River power project on Vancouver Island are well known. Mr. Conway is a member of the Council of the Canadian Society of Civil Engineers; member of the Institute of Civil Engineers of Great Britain, holding the Telford gold medal of that institution and also representing the council as a member of the advisory committee for Canada; member of the American Society of Civil Engineers, the Institution of Mechanical Engineers of London, and the American Society of Mechanical Engineers; Fellow of the Royal Meteorological Society; member of the British Institute of Water Engineers, and of the American Waterworks Association.

## COMING MEETINGS.

**AMERICAN SOCIETY OF CIVIL ENGINEERS.**—Annual convention to be held in San Francisco, Cal., September 16th to 18th, 1915. Secretary, Charles Warren Hunt, 220 West 57th Street, New York.

**INTERNATIONAL ENGINEERING CONGRESS.**—To be held in San Francisco, Cal., September 20th to 25th, 1915. Secretary, W. A. Catell, Foxcroft Building, San Francisco, Cal.

**AMERICAN ELECTRIC RAILWAY ASSOCIATION.**—Annual convention to be held in San Francisco, Cal., October 4th to 8th, 1915. Secretary, E. B. Burritt, 29 West 39th Street, New York.

The resignations of Mr. Breckon, waterworks engineer, Mr. D. B. McLay, assistant engineer on construction, and Mr. R. M. Grancey, bridge engineer, have been accepted by the city council of Vancouver, the resignations to take effect on July 31.