

less? It is a partnership in the real sense of the word. This means that there must be no dodging the issue. So far as the private corporation is concerned, frankness is absolutely essential if the public is to keep faith with it.

### PERSONAL.

RALPH SCOTT, formerly of the Dome mine staff, is now manager of the feldspar mine at Verona, Ont.

W. G. ROSS, chairman of the Montreal harbor commissioners, has been elected president of the American Association of Port Authorities.

W. ROBERTS DEVENISH, A.M.Can.Soc.C.E., has been appointed superintendent, District 3, Intercolonial Railway, Moncton, N.B.

Lieut.-Col. G. C. ROYCE, general manager, Toronto Suburban Railway, has been appointed brigadier of the 9th Infantry Brigade, at present at Camp Borden, Ont.

E. M. PROCTOR, B.A.Sc., structural designer, Department of Railways and Bridges, City Hall, Toronto, has joined the staff of James, Loudon & Hertzberg, Toronto.

EDWARD MURRAY WRONG, eldest son of Professor G. W. Wrong, of Toronto University, and Fellow of Magdalen College, Oxford, has been appointed vice-principal of the School of Technology, Manchester.

W. A. DUFF, A.M.Can.Soc.C.E., engineer of bridges, Canadian Government Railways, Moncton, N.B., who has been suffering from blood poisoning at Halifax, N.S., has recovered and resumed his duties.

HENRY CLARK, Canadian manager for Head, Wrightson and Co., of Stockton-on-Tees, England, bridge and mining machinery manufacturers, left Victoria, B.C., early last month to proceed to the firm's headquarters in England on business.

H. B. MUCKLESTON, M.Can.Soc.C.E., assistant chief engineer, Irrigation Branch, Natural Resources Department, C.P.R., who has been located at Brooks, Alta., is now a captain in the 4th Pioneers Overseas Battalion, and is in Ottawa prior to going overseas.

JOHN L. LANG, of the engineering firm of Lang & Ross, Sault Ste. Marie, Ont., has volunteered for active service and has been appointed captain in the 242nd Battalion now forming at Montreal, a forestry unit of which Lieut.-Col. J. B. White is the officer commanding.

J. MACGREGOR, superintending engineer, Halifax Ocean Terminals, Intercolonial Railway, was entertained to dinner at Halifax, N.S., recently by a number of friends and presented with regulation military binoculars by the Board of Trade on leaving for camp preparatory to going overseas with the 239th Construction Battalion, in which he has a commission as a major.

### OBITUARY.

ERASTUS LONG, president of the E. Long Manufacturing Co., Limited, and chairman of the Orillia Water, Light and Power Commission since its inception four years ago, died in Orillia on October 4th after an illness of several months.

LIEUT. J. R. GRAHAM, of the Royal Field Artillery, who was well known in Western Canada, has died of wounds. In 1907 he took up the profession of civil engineering and worked for the Canadian Northern Railway in British Columbia, where he undertook the first

survey of the Peace River block. He lived in Vancouver for six years prior to going overseas.

ERNEST W. P. ROBINSON, surveyor, was drowned in Sturgeon Lake, Man., recently. Mr. Robinson was born in England and came to Canada about fifteen years ago. He was a Dominion land surveyor, and for some years did base line work for the Topographical Surveys Branch of the Department of the Interior, but for the last two years devoted his time to his mining interests at Beaver Lake and vicinity.

J. HOWARD JACKSON, head of Jackson and Co., civil engineers, of Brantford, Ont., died on October 7th, following a paralytic stroke. He was born in England in 1847, and went to New Zealand in the early sixties with his parents and took up surveying. When the Maori war broke out he enlisted in the Auckland Engineers, and earned the New Zealand war medal for his services. Some three and a half years ago he came to Brantford, joining his son in the civil engineering business.

### 1916-17 PROGRAMME, CANADIAN SOCIETY OF CIVIL ENGINEERS.

The programme of meetings of the Canadian Society of Civil Engineers, as arranged for the 1916-17 season, has been announced, and among the papers and discussions which are to be presented are the following:—

Dr. J. S. Bates, director, Forest Products Laboratories of Canada, "Forestry"; Mr. E. L. Cousins, chief engineer, Toronto harbor, "Toronto Harbor Works"; Dr. A. Stansfield, McGill University, "Progress in Metallurgy"; Mr. H. G. Hunter, New York Continental Jewell Filtration Company, Montreal, "Progress in Water Filtration"; Mr. T. L. Crossley, Dr. J. T. Donald Laboratory, Montreal, "Asphalt Pavement and Asphalt Testing"; Mr. W. H. Sutherland, assistant engineer, Montreal Water and Power Company, "Montreal Water and Power Company's Reservoir"; Mr. S. P. Brown, chief engineer, Mackenzie, Mann and Company, Limited, "C.N.R. Tunnel"; Mr. Leslie Thomson, Dominion Bridge Company, "Transmission Towers"; Mr. J. L. Weller, chief engineer, Welland Canal, "Welland Canal"; Mr. D. H. Nelles, "Ottawa Water Supply"; Mr. L. M. Jones, city engineer, "Port Arthur Waterworks"; Mr. William Storrie, "New Toronto Water Filtration Plant."

The meetings will be held at the society's headquarters, 176 Mansfield Street, Montreal: October 19th, general section meeting; November 2nd, monthly meeting; November 16th, electrical section meeting; November 30th, mechanical section meeting; December 14th, monthly meeting; January 4th, mining section meeting; January 18th, monthly meeting; February 8th, general section meeting; February 22nd, monthly meeting; March 8th, electrical section meeting; March 22nd, mechanical section meeting; April 5th, monthly meeting; April 19th, mining section meeting.

Mr. Walter J. Francis is chairman of the committee on meetings; Mr. J. Duchastel, chairman, and Prof. H. M. MacKay, vice-chairman, general section; Mr. J. C. Smith, chairman, and Mr. J. de G. Beaubien, vice-chairman electrical section; Mr. J. M. Robertson, chairman, and Mr. F. B. Brown, vice-chairman, mechanical section; Prof. H. E. T. Haultain, chairman, and Prof. J. B. Porter, vice-chairman, mining section.