

district to be explored is not well supplied with gravels or other materials for the construction of good roads, and it will be of especial value to have those that occur there examined and mapped.

PERSONAL.

T. L. LANDERS has been appointed resident engineer at Truro, N.S., for district No. 3 of the Intercolonial Railway.

E. R. CLARKE, for a number of years a partner in the contracting firm of Clarke and Monds, has been appointed manager of the Thor Iron Works, Toronto.

L. G. IRELAND, B.A., Sc., has been appointed manager of the Brantford Street Railway in addition to the office which he has previously held as manager of the Hydro-Electric System of Brantford.

OBITUARY.

The death occurred in Toronto last week of Charles Leonard Weisner, at the age of 50 years. The deceased came to Toronto from Buffalo about ten years ago and founded the National Fireproofing Co. of Canada, Ltd., of which business he was general manager.

MOTOR TUG FOR HUDSON BAY.

The Polson Iron and Shipbuilding Co. is at present constructing at its yards in Toronto a very unique type of gasoline-motor tug, for the Hudson Bay Co. It is to be used for lightering vessels which cannot reach the docks at Fort Churchill. It is built after the manner of a submarine and is to be operated entirely from the inside, in order to cope with the heavy seas through which it is to do service. The tug is constructed of steel above the water line, and rock-elm planking below. It is 40 ft. long, 10 ft. wide and 6 ft. in depth, and will be divided into four compartments by steel water-tight bulkheads.

Four lighters, each 50 ft. long, 15 ft. wide and 6 ft. deep, with a carrying capacity of 60 tons at a speed of 7 miles an hour, are being constructed for use in connection with the tug.

A recent announcement in an English contemporary calls attention to the retirement of Mr. Edward Ellis, of Leeds, a well-known engineer of the Great Northern Railway. Mr. Ellis had been in active railroad work for over forty years, and is known to a goodly number of railway men in Canada.

A suggestive paper contributed to the annual meeting of the American Concrete Institute by Mr. N. C. Johnson dealt with microphotography as applied to the examination of concrete, with the object of obtaining better knowledge of the structure of the material itself. A fact particularly mentioned by the author was that all specimens of concrete examined by him possessed a surprisingly large quantity of unhydrated cement, a feature he attributes to the difficulty in diffusing the water completely during the process of mixing. The voids revealed by the microscope also emphasizes the importance of scientific grading and thorough mixing.

RE A.R.E.A. COMMITTEES.

In our issue of May 13th the names appear of Messrs. L. W. Baldwin, J. M. Egan, D. W. Thrower, L. A. Downs, A. S. Baldwin, D. J. Brumley, F. B. Oren, H. C. Brown, F. L. Thompson, Maro Johnson, Thos. Quigley, A. L. Davis, Wm. Vandersluis, W. G. Arn, Chas. Chandler, J. M. Johnson, E. H. Bowser, all of whom are referred to as being officers of the I.C.R. This should have been the I.C.R.R., referring to the Illinois Central and not to the Intercolonial. In addition, the names of H. R. Safford, Wm. McNab, Howard G. Kelley, T. T. Irving, A. S. Going and H. B. Stuart should have read "G.T.R." rather than "G.T.P." This is in connection with the list of Canadian railway engineers on the personnel of the various committees of the American Railway Engineering Association.

COMING MEETINGS.

NATIONAL CONFERENCE ON CITY PLANNING.—June 7-9. This year's Conference to be held in Detroit, Mich. Secretary, Flavel Shurtleff, 19 Congress Street, Boston, Mass.

SOCIETY FOR THE PROMOTION OF ENGINEERING EDUCATION.—Annual meeting to be held at the Iowa State College, Ames, Iowa, June 22nd to 25th, 1915. Secretary, F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa.

AMERICAN SOCIETY FOR TESTING MATERIALS.—Annual meeting to be held in Atlantic City, N.J., June 22nd to 26th. Secretary, Prof. E. Marburg, University of Pennsylvania, Philadelphia, Pa.

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.

AMERICAN FORESTRY ASSOCIATION.—Special meeting to be held on October 20th at the Panama-Pacific International Exposition, San Francisco, Cal. Secretary, P. S. Ridsdale, Washington, D.C.

Last week a number of members of the Cobalt Branch of the Canadian Mining Institute visited the Porcupine Mining Camp and spent several days looking over the mines and milling plants. This was followed by a visit to the new plant of the Abitibi Power and Paper Co. at Iroquois Falls. Among those who participated in the trip were Frank L. Culver, president, and William Moffat, mine manager of the Beaver and Temiskaming Companies; Thos. W. Finucane, of McKinley-Darragh; Charles Watson, of Nipissing Mines; Thomas Jones, of Buffalo Mines; Col. Hayes, of McIntyre and Tretheway mines; R. P. Rogers, of Coniagas, and John A. Black, of the Porcupine Power Company.