

	Tons.
Domestic	47,000,000
Steam	32,000,000
Railroads	128,000,000
Industrial steam trade	144,000,000
Domestic & small steam trade	71,000,000
Beehive coke	42,000,000
By-product coke	20,000,000
Exported	23,000,000
Steamship bunker fuel	11,000,000
Steam and heat at mines	10,000,000
Coal gas	5,000,000

The total production of anthracite and bituminous coal in the United States from 1807 to 1915 was as follows:—

	Tons.
1807-1825	500,000
1826-1835	4,000,000
1836-1845	23,000,000
1846-1855	84,000,000
1856-1865	174,000,000
1866-1875	419,000,000
1876-1885	848,000,000
1886-1895	1,586,000,000
1896-1905	2,832,000,000
1906-1915	4,919,000,000
	10,890,000,000

Anthracite coal is a luxury, and only possessed by the United States in very large quantities, but even there it is limited, being probably only sufficient to last about a hundred years longer. Canada cannot depend upon the United States for a continued supply of anthracite coal. She must proceed with the earnest development of her own lignite, peat and other fuel resources, comparatively inferior as they may be.

OBITUARIES

HENRY CARRE, B.A., D.L.S., O.L.S., died on July 11th at Belleville, Ont. Mr. Carre was 85 years old at the time of his death; he was formerly well-known in railway engineering circles.

E. P. QUIRK, C.E., who retired from practice about 15 years ago, died last week in Montreal. Mr. Quirk was a graduate of Trinity College, Dublin, and came to Canada in 1874. He was engaged in harbor and railroad work.

PERSONALS

JOSEPH LAFOREST, formerly chief city engineer at Hull, P.Q., has joined the staff of the Braden Copper Company in Chili.

E. W. PATTISON, who was recently appointed municipal engineer of Langley, B.C., has resigned to accept a position in eastern Canada.

E. J. ALBERT has resigned as manager of the mining and power branch of the Canadian Allis-Chalmers, Ltd., Toronto, to become sales manager of the Thwing Instrument Co., Philadelphia.

J. E. LONG, of Moncton, N.B., safety engineer, who has been in charge of the "Safety First" department of the C.G.R., has resigned to join the Delaware and Hudson Railway. He will be stationed at Albany under F. P. Gutelius, formerly general manager of the Canadian Government Railways.

Captain RALPH B. GIBSON, of Toronto, has recently been promoted to adjutant of the Fifth Battalion, Canadian Engineers, with rank of captain. After graduating from the University of Toronto, Captain Gibson enlisted with the 83rd Battalion and went to France from England with the 123rd Battalion, and later transferred to the Engineers.

DONALD HUGH McDUGALL has resigned as general manager of the Dominion Steel Corporation, Limited, to accept the presidency of the Nova Scotia Steel and Coal Co., Limited, succeeding Frank H. Crockard, who decided to return to the Tennessee Coal, Iron and Railroad Co. Mr. McDougall was born in Cape Breton in September, 1879, and has been connected with coal and steel interests in the maritime provinces ever since he became of age. He was educated at the Government Mining School, Glace Bay, N.S., and at Dalhousie College, where he studied mining engineering. In 1900 he joined the Dominion Iron and Steel Co., holding various engineering positions until 1902, when he resigned to become assistant resident engineer of the New York Central



Railway. In 1904 he returned to the maritime provinces as manager of the Wabana Mines, Newfoundland, and in 1907 was appointed superintendent of mines and quarries of the Dominion Iron and Steel Co. In 1910 Mr. McDougall was appointed assistant general manager of the Dominion Coal Co., Limited, being promoted to general manager two years later. On February 29th, 1916, he received the appointment as general manager of the Dominion Steel Corporation. Under his direction the company has made excellent progress. It is stated that Mr. McDougall has been particularly successful in handling the employees of the steel company. He is a member of the Canadian Mining Institute, Mining Institute of Scotland, Nova Scotia Society of Engineers, Royal Astronomical Society of Canada, Mining Society of Nova Scotia, Engineering Institute of Canada, Canadian Forestry Association, American Iron and Steel Institute and a number of other scientific, industrial and social organizations.

TENDERS FOR PAVEMENT

Sealed tenders, addressed to F. L. Heath, Town Clerk, Georgetown, will be received up to 5 p.m., August 9th, for the construction of a Tarvia Pavement in Georgetown. Plans and specifications may be seen in the office of the Town Clerk or the Engineer. The lowest or any tender will not necessarily be accepted.

HERBERT JOHNSTON,
Consulting Engineer.

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