

664. There is a wonderful similarity between these coals, as shown by these analysis, and some notable coals mined in the United States. The Pictou analysis, except that it is high in ash, does not differ much from the Connellsville coal; the Cape Breton is very much like the Pittsburg, and the Cumberland like the Westmoreland.

665. The coal fields of Nova Scotia and Cape Breton are all practically on tide water. Heretofore the shipment of coal by sea in winter has been almost impossible, resulting in loss from depreciation and in increased cost of handling and shipping. In the broad scheme of improvements undertaken in Cape Breton by the Dominion Coal Company (Ltd.) a very important feature is the construction of a railway from Sydney to Louisburg. This will give the coal of the Sydney fields a harbour the year round, and make easy the distribution of coal during the winter season.

666. There are no coal measures from New Brunswick westward until the Province of Manitoba is reached. The coal areas of Manitoba are roughly estimated at 15,000 square miles. They yield lignites only, often of a very good quality. Analysis gives the following result:—

Water.	15·40
Volatile combustible.	37·97
Fixed carbon.	41·21
Ash.	5·36

667. Analysis of the coal found in the area (50,000 square miles) extending along the base of the Rocky Mountains, from the international boundary to the vicinity of the Peace River—a distance of 500 miles—gives the following result:—

—	Belly River.	Bow River.	Peace River.
Water.	6·52	12·37	2·10
Volatile combustible.	31·03	32·33	21·54
Fixed carbon.	56·54	46·39	71·63
Ash.	5·91	8·91	4·73

668. The third coal area is that in the Rocky Mountains. Though small, as measured by miles, it contains much coal of the best quality. Several seams of anthracite of excellent quality have been found.

669. The fourth area is that of the Pacific coast. Dr. George M. Dawson gives the following estimate of its extent:—

	Square Miles.
Nanaimo coal basin (coals) approximately correct	200
Comox coal basin (coals) rough approximation	700
Queen Charlotte's Island very rough approximation.	800
Tertiary lignite-bearing rocks in different parts of British Columbia south of the 54th parallel of latitude (very rough approximation)	12,000