

APPENDIX No. 1

Estimate of Total Content.

	Square Miles.	Million Tons.	
Alberta:—			
Coleman area	45	2,000	Bituminous.
Blairmore-Frank	50	1,500	"
Livingstone	60	1,500	"
Moose mountain	15	250	"
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	Square Miles.	Millions Tons.	
Cascade	40	1,200	Bituminous and Anthracite.
"		400	Anthracite.
Palliser	6	20	Bituminous.
Costigan	12	60	"
Bighorn	60	1,400	"
Belly River area	3,500	10,000	Lignitic and lignite.
Foothills	2,000	11,000	Coal and lignitic.
Edmonton formation	10,800	60,000	Lignite.
	16,588	89,330	
<i>Saskatchewan—</i>			
Laramie	4,000	15,000	Lignite.
Belly River	1,500	3,000	"
	5,500	18,000	Lignite.
<i>Manitoba—</i>			
Turtle Mountain	48	160	Lignite.

The total estimate for these three provinces, approximates 22,136 square miles, and 107,490,000,000 tons of coal.

In this total the various classes of coal occur in the following proportions:—

Anthracite	400,000,000 tons.
Anthracitic and semi-anthracite	860,000,000 "
Bituminous and some semi-anthracite	17,070,000,000 "
Coal and lignitic coal	21,000,000,000 "
Lignite	78,160,000,000 "
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	107,490,000,000 "

Notes on the production of coal.

Alberta and Saskatchewan.—The output of the mines of these two provinces, taken from census reports and the provincial returns, shows a great increase in the period between 1901 and 1906:—

	PRODUCTION OF COAL IN TONS.			
	1881.	1891.	1901.	1906.
Alberta	1,590	174,131	280,000	1,385,000
Saskatchewan			40,909	172,850
	1,590	174,131	320,909	1,555,285

This rapid rise in the rate of production suggests that, it must be due not only to increase in population, but also to the extension of railways and the introduction of manufacturing industries. This is borne out by the population returns covering the same period:—