

PREFACE

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GROUP II

INCLUDING SEAMS 2 FEET AND OVER AT DEPTHS BETWEEN 4,000 AND 6,000 FEET

DISTRICT	COAL-SEAMS		ACTUAL RESERVE (Calculation based on actual thickness and extent)			PROBABLE RESERVE (Approximate estimate)			POSSIBLE RESERVE
	No.	Thickness	Area	Class	Metric Tons	Area	Class of Coal	Metric Tons	
Mackinnon	1	3 ft.							
Olliver....	2	2 ft. and 3 ft.	1½ sq. m.	A ₂	8,538,075	200 sq. m.	B ₁	600,000,000	Moderate
Ballantyne						150 sq. m.			B ₁ large. A ₂ moderate

"In columns 1 and 2 returns should be expressed in figures. In 3 a general statement should be made, e.g., 'Large,' 'Moderate,' 'Small.' All quantities in columns 1 and 2 should be given in metric tons.

"In order to have the various reports uniform and easily comparable, a standard classification has been adopted, to which, it is respectfully requested, the matter of each report should be made to conform. A chapter summarizing the chief results will be prepared by the committee, but each report received will appear separately.

"This classification is adopted as a simple basis on which the desired information can be received and correlated. The committee recommend a discussion by the Congress, looking to the adoption of a universal standard classification.

"The reserves of coal of each of the following classes or subdivisions of classes should be given in conformity with the above schedule. It is hoped that the characteristics mentioned under each class and subdivision of class will enable authors to place in its proper class, not only a well-known coal, but even a coal that may not have been closely studied.

CLASS A

"1. Burns with short, blue flame; gives off 3 to 5% of volatile combustible matter.

Fixed carbon

Fuel ratio $\frac{\text{Fixed carbon}}{\text{Volatile matter}} = 12$ and over.

Calorific value, 8,000 to 8,330 calories, or, 14,500 to 15,000 British Thermal Units.

Mean composition,

Carbon.....	93 to 95%
Hydrogen.....	2 to 4
Oxygen and nitrogen.....	3 to 5

"2. Burns with slightly luminous, short flame and little smoke; does not coke and yields from 7 to 12% of volatile matter.

Fuel ratio, 7 to 12.