

## CLASSIFICATION OF SAKHALIEN COAL

From the annexed table of analyses, the coal of the Island, excepting the post-Pliocene lignite, can be divided into two classes: 1st, dry, long-flaming coal, to which the predominant part of the Miocene coal belongs; and 2nd, fat, coking coals—the principal representatives of which are the Douai coals.

The quantity of carbon in the coal of the first group is between 60% and 76%, and the calorific value from 6,000 to 7,500 calories. The coal of the second group contains from 70% to 85% of carbon and has a calorific value of from 7,500 to 8,000 calories.

## THE ECONOMIC CONDITIONS

The Sakhalien field is the only one in the far east which produces coking coal; the importance of this circumstance will be appreciated when the iron-trade of Nicolaevsk and Olginsk districts, which contain considerable quantities of iron-ore, is more developed.