

Moisture.....	1.52....	.72
Vol. combust. matter.....	29.46....	25.73
Fixed carbon.....	60.19....	65.36
Ash.....	9.10....	8.20
Sulphur.....	1.62....	1.10
Theo. evaporative power.....	8.24....	...

CUMBERLAND COAL-FIELD, ETC.

This large and still partly unexplored district probably covers about 350 square miles. The principal operations are at Springhill, where the Cumberland Coal and Railway Company operates mines yielding between four and five hundred thousand tons a year. Smaller collieries are found extending from the Joggins to the Styles mines, a distance of about 20 miles. The coals are bituminous and coking, and are largely used on locomotives in the lower provinces. Efforts are being made to discover by bore-holes, coal seams underlying the Permian rocks of Cumberland Co.

Coal beds are known at many other localities, but have not been worked except at DeBert and Kempton, near Truro. At the former place exploratory or development work was recently in progress.

Cannel coal, oil-shales, etc., occur in different districts, but as yet have received little attention.

13. BITUMINOUS COAL. Cumberland Railway & Coal Co., Springhill Cumb. Co.—At Springhill, three seams, from 6 to 14 ft. in thickness are extensively worked, the output for 1905 being 477,254 tons. Chief market are New Brunswick, United States, and Nova Scotia. The colliery is well equipped with modern appliances. No. 2 slope is 3,000 feet in length and works a seam 10 ft. 6 in. thick; No. 3 is 3,200 ft. and works a 10 ft. seam. Coal shipments are made via Springhill Junction (I. C. R.), and by vessels from Parrsboro. The coal has the following average analysis:—

Volatile combustible matter.....	34.51
Fixed carbon.....	58.64
Ash.....	6.85
Sulphur.....	1.59

14. BITUMINOUS COAL. Scotia Colliery, Maccan Cumb. Co. This mine, which is owned by Messrs. Ripley and Blenkhorn, raised in 1905, 2755 tons of coal.

15. BITUMINOUS COAL. Martine' Coal Co.'s Chignecto mine, Chignecto, Cumb. Co. This colliery was reopened in 1902, and after some initial trouble the mine was unwatered and put in order. At the bottom of the slope, which was in 1902 about 600 feet deep, the top coal measured 3 ft. 6 in., and the bottom coal measured 5 ft.