

Brook to the St. George mine, a district about five miles in length. This end of the coal field will, from its proximity to the railway, and the regularity of the strata, prove an important future source of coal.

These sections differ widely, and in addition to this there are numerous faults known on the River Herbert areas. A heavy fault is also reported on the west line of the Styles area. We thus find that the seams cannot with any show of reason be correlated with either of the coal-beds worked at the Joggins, so far as their sections are concerned, and the presence of heavy faults prevents a satisfactory comparison between those of areas separated by a short distance.

Dr. Dawson considers the seams at the Victoria Colliery (already referred to) as representing the New Mine seam, the coal bed (given in the section) lying eighteen feet above it, and another coal bed 35 feet below it, containing three feet of coal and shale as represented in the Joggins section. He also compares the Chignecto seam with the bed lying eighteen feet above the New Mine seam, and he further suggests that the equivalent of the main seam is yet to be found in the eastern part of the district.

The work of the Geological survey has brought out new facts, which support his opinion as to the probable position of the Joggins main seam, while they oppose his correlation of the seams already given.

On approaching the Styles mine from the north a band of fine grained conglomerate is met, composed largely of syenitic, quartzite, and slate pebbles, the whole having a greenish and red colour. The thickness of this conglomerate and some associated beds of red shale is about 1,500 feet, and it is underlaid by about 1,000 feet of chocolate coloured shales and sandstones.

This bed of conglomerate has been traced from a point several miles east of the Styles mine nearly to the Maccan River, and throughout this distance it preserves the same characteristics, and appears to form the summit of the Millstone Grit. There is also, as mentioned by Mr. McOuat, another point supporting this view, that is, the underlying chocolate coloured shales are seldom

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