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ON TWO COALS FROM CAPE BRETON, THEIR COKES
 AND ASHES, WITH SOME COMPARATIVE ANALYSES.

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SINCE the publication of my report to the Provincial Government on the Mineralogy of Nova Scotia, in 1868, a good many examinations of mineral deposits have been made, and in connection with these, analyses of various sorts have been executed, so that there has been a considerable addition to our knowledge of the minerals of the province. Some results of these inquiries have been published in the "Transactions of the Nova Scotia Institute;" in the Official Reports of the Provincial Inspector of Mines; in late reports of the Geological Survey of Canada; some in "The Coal Fields of Nova Scotia," a comprehensive paper contributed to the Transactions of the North of England Institute of Mining and Mechanical Engineers, by Mr. John Rutherford, in 1870, while Inspector of Mines here; and some in "The Coal Fields and Coal Trade of Cape Breton," by Mr. R. Brown, for many years manager of the Sydney Coal Mines, Cape Breton. It is more particularly in reference to some analyses of mine given in this last valuable historical, scientific, and commercial account of the chief mineral wealth of the Island of Cape Breton, published in London in 1871, that I propose writing upon the present occasion. The results quoted by the author are a summary of the facts of most importance in showing the commercial value of two coals, but there are some details, naturally not dwelt upon in such a connection, which I think are not without

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