

Colliery on Chignecto Bay and the General Mining Association's tract at Sprignhill.

3rd. The distance between the Culvert on Black River and the south-east corner of the General Mining Association's tract at Springhill.

4th. The distance between the post marking the limits of the New York and Acadia Company's property on the Lower Macan, and the centre of the bridge over the Macan at Southampton.

5th. The distance between the bridge over the Lower Hebert River near the Victoria Colliery, and the bridge over the Upper Hebert near Fullerton's Lake.

I was desired also to collect information respecting the course and continuity of the Coal seams between the Joggins Colliery and Styles pit, and any other information which might be of use to the Department.

My instructions embraced as a leading feature the securing of the services of a thoroughly competent Civil Engineer to make the topographical survey, and map the results for the Department of Mines.

On the 27th June I made arrangements with Mr. John E. Oram, C. E., Professor of Mathematics, Natural Philosophy and Astronomy in King's College, Windsor, to conduct the required survey, who, a few days afterwards, started for Cumberland with his assistants.

Profesor Oram has had considerable experience in the kind of work required by the Department of Mines, having spent some years in Central Europe making surveys for, and superintending works on, an important line of railway in the Austrian dominions. His report of the method adopted in conducting the survey is herewith transmitted, together with a field book containing the details of each observation made. The field book is in fact a book of reference in case any dispute should arise respecting the position of the points

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