

Q. Do you think it is possible to make a survey of so large an area in so short a time as three days?—No, I do not but I do not; know how long Dr. Bell was occupied in making it.

Q. Is it usual for the officers of the Geological staff to make what is necessarily conceded to be nautical Surveys?—No. They are instructed to make the best survey they can, but always to state the circumstances under which it is made. All actually measured lines, only, should be drawn in full on the map; all others should be dotted.

Q. This map has really the appearance of a complete map; I mean to say that the shoals are marked as indicative of five-fathom lines, as the outer defining of the shoals, the configuration of the various islands. The whole map seems to impress one with the idea that it has been carefully prepared?—Yes.

Q. Any one taking it up, as I do now, would think it was a carefully prepared map. Did Dr. Bell, in forwarding it to the Department, clearly and distinctly state that this was simply a rough sketch done in his own time, and not forming any part of his duty as a member of the Geological Survey?—No; it is always a part of the duty of a member of Survey where no maps exist, to make them, and where any does exist to improve it, but always to state the circumstances under which it is made.

Q. Is it generally expected that officers of the Geological Survey shall make what cannot be otherwise than a nautical survey?—They are simply supposed to make sketches of the coasts that they traverse, and often, for the sake of making the map more useful, we take information from the marine charts and put it on the maps, always stating that such and such work is adopted from existing charts.

Q. This map of Moose River impresses me with the fact that it is more or less a trigonometrical survey?—Yes; I should think so.

Q. Are officers of the Geological Survey supposed to know all the matters required for the making of a correct trigonometrical survey?—No; but a traverse survey, and a triangulated survey, to some extent.

Q. But the principal points are not checked by a series of back angles, &c.?—In some instances, not all; in fact I consider our surveys generally to be rather sketches than surveys. I have made such myself of the whole of the Saskatchewan River, and which is published in one of our reports.

*By Mr. Holton:*

Q. Dr. Bell has stated that he handed this map in simply as a sketch, and that he did not want it used?—When I called attention to Dr. Rae's letter, he then wished to withdraw it, but up to that time he had got it engraved and printed, with a view of having it go into the report to illustrate it. I pointed out to him that it had been printed, and that all this expense would be thrown away. I then treated the matter in the manner in which I have done, and the circumstances in connection with which have already been related to the Committee.

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ERNEST GAUJOT, Esq., of Bellville, Ont., Mining Engineer and Manager of the Philadelphia and Canada Phosphate Company, was also called and examined.

*By the Chairman:*

Q. You have devoted a good deal of attention to the iron and gold deposits in the vicinity of North Hastings, Ont.?—Yes.

Q. Have you conducted mining operations in either or both of these minerals?—Yes; both.

Q. To what extent?—I may say that I happened to be connected with the Consolidated Gold Mining Company, near Marmora, in Hastings County.

Q. How long ago?—I went there in 1880 and remained until the beginning of 1882.

Q. And what did you accomplish during that time?—When I went there several shafts were sunk to a depth of from 10 to 20 feet. I continued one shaft to a depth of 200 feet, and the others to a depth of about 80 feet.