

The library division also is one of importance, in which the working scientist can find the most recent helps to enable him the better to profit by the researches of his brethren in other, but similar, fields, and so become the better fitted to work out the problems he may himself encounter; and here it may be said that the library of the Geological Survey is probably by far the most complete in scientific literature of any of the libraries in the Dominion, and, in as far as practicable, is kept well abreast of the age as regards the current literature in the subjects concerned.

The financial management of such an institution is also a most important item in its general scheme of successful work and the proper disposition of the funds by which the necessities of the several widely scattered parties can be best met, calls for a wise discrimination of the needs of each, and the expense peculiar to each locality to be explored; the prime object being the most judicious expenditure of the funds at the disposal of the department consistent with the highest and most satisfactory results obtainable.

I trust in this very imperfect description of the work done by the Geological Survey department I have shown you that in the old building on Sussex Street many kinds of work of great importance to the nation are being carried on. The structure and contained wealth of the rock masses from the Laurentian or fundamental crust of the earth to the most recent formation of drift sand, gravel and peat are being systematically studied and their actual value, in so far as this is possible, ascertained. The importance of each system as a source of mineral supply is carefully weighed and the mode of occurrence and probable extent and value of each element of economic importance sought out where practicable, to some extent in the field and in more detail in the laboratory of the Museum. Not only are the analyses of the rocks and of the contained ores there conducted and their probable value, from many localities carefully proven, but the chemical composition of the mineral waters from various provinces of the Dominion is carefully ascertained and their probable beneficial effects noted. Many of these have proved already to be large and important sources of revenue to the localities in which they occur, as at St. Leon, Caledonia St. Catharines and other points. Much of this work though presented