

## ECONOMIC MINERALS OF NOVA SCOTIA.

The following brief descriptive notes have been prepared to accompany a permanent collection of the economic minerals and mineral products of Nova Scotia made under direction of the Department of Mines for the Provincial Exhibition at Halifax. The collection was brought together in 1903 for the exhibition of September of that year, and has since been added to from time to time. It is trusted it will show the diversity and general characteristics of most of the better known, and more or less workable mineral deposits of the province. The catalogue also contains some particulars regarding special exhibits permanently placed in the general exhibit by various mining companies, and this includes a couple of smelting companies which, although they just at present employ ore from abroad, yet use large amounts of local flux material, coke, etc., and from time to time treat our own ores. It has been thought better not to include in a permanent catalogue a few transient specimens, such as rich gold samples, loaned for the occasion, but they will be found fully labelled.

As an indication of the constituents and character of the minerals, analyses accompany most of the descriptions. The reader, however, must remember that analyses are sometimes misleading if they have been made from picked samples, as is not infrequently the case.

To further illustrate the collection, there accompanies it a large number of photographic views of mining plants, shaft houses, quarries, etc., each fully labelled; and likewise geological maps, plans and sections.

It may be mentioned that the Government also maintains a large collection of the minerals of Nova Scotia in the Provincial Museum, where may be seen specimens of all species discovered in the province, whether of economic or scientific interest, and from a very large number of localities. The same institution also has a large series of rock samples illustrating the various geological formations of the province. These specimens are available at all times for examination by the miner or scientific student. Literature on the subject is accessible to the public in the Provincial Science Library in connection with the Museum.