

**THE MINERAL WEALTH OF  
CANADA: A  
GUIDE FOR STUDENTS  
OF ECONOMIC GEOLOGY**

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The Mineral Wealth of Canada: A Guide for Students of Economic Geology by Arthur B. Willmott

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# THE MINERAL WEALTH OF CANADA.

## A GUIDE

FOR STUDENTS OF ECONOMIC GEOLOGY.

BY

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## PREFACE.

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For several years the author of this book has been giving a short course of lectures to his class in geology on the economic minerals of Canada. While it is not customary to treat this subject so fully in an elementary class, he has felt that in a young undeveloped country like our own, it was highly desirable that all university students should know something of our latent mineral wealth. So, at the expense of Paleontology, much of which is more suitable for an advanced course, time was found for economic geology in the elementary one.

To save the labor of dictation, and to make them useful to a larger number, these lecture notes are now published. They have been somewhat extended, to make the subject clearer to the general reader, who has not had any preliminary training in geology. So far as known, it is the only work giving a systematic account of the mineral resources of the Dominion. Originality, except in method of treatment, is not claimed. The work is a compilation founded largely on the excellent reports of the Geological Survey of Canada. These bulky volumes and the detailed statements in the reports of the Provincial departments

of mines, while well and favorably known to the specialist, are almost unknown to the general reader, and unsuited for the elementary student. It is hoped that this book will not only prove serviceable itself, but that by its numerous references it will stimulate students to seek fuller information in the reports mentioned.

It has not been thought necessary in a book of this kind to burden it with references to the author whose work has been used. For the most part these works have been cited in the literature at the end of each chapter, but only those books appear which are likely to prove accessible to the student. Special works not usually found in small libraries have been omitted. Some changes have been made in the spelling of chemical terms, as recommended by the Chemical Section of the American Association for the Advancement of Science, and as adopted by the "Standard" Dictionary.

The kind assistance of several friends is gratefully acknowledged. To Dr. Coleman of the School of Practical Science, and to Mr. A. Blue, Director of the Bureau of Mines, the author is particularly indebted. The latter has read the work in proof, and special thanks are due to him for many valuable emendations.

TORONTO, August 10th, 1897.





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