

**PROSPECTING FOR MINERALS: A
PRACTICAL HANDBOOK FOR
PROSPECTORS, EXPLORERS, SETTLERS,
AND ALL INTERESTED IN THE OPENING-
UP AND DEVELOPMENT OF NEW LANDS**

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Prospecting for Minerals: A Practical Handbook for Prospectors, Explorers, Settlers, and All Interested in the Opening-Up and Development of New Lands by S. Herbert Cox

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A PRACTICAL HANDBOOK

FOR PROSPECTORS, EXPLORERS, SETTLERS, AND ALL
INTERESTED IN THE OPENING-UP AND
DEVELOPMENT OF NEW LANDS.

BY

S. HERBERT COX,

ASSOC. R.S.M., M. INST. M. AND M., F.G.S., ETC.; MINING AND CONSULTING ENGINEER;
PROFESSOR OF MINING AT THE ROYAL SCHOOL OF MINES.

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PUBLISHERS' NOTE TO THE FIFTH EDITION.

THE Fourth Edition of this book was carefully corrected by the Author, and has been exhausted so rapidly that no further alterations are necessary for this edition.

August, 1908.

PREFACE TO THIRD EDITION.

It has not been deemed advisable to make any material alterations in the plan and scope of this work, so that, beyond careful revision and the addition of a few characteristic illustrations of important mineral deposits, the present edition is in much the same form as the previous ones.

The criticisms of the press generally, and the kind expressions of personal approval of the book which the Author has received from numerous practical men, lead him to hope that he has succeeded in his endeavour to produce a handy and useful book for prospectors in all lands, so far as all the important minerals and ores, their recognition and their modes of occurrence, are concerned.

S. HERBERT COX.

LONDON, January, 1908.

PREFACE TO FIRST EDITION.

THE object of this volume is to give a sketch of those subjects which underlie the calling of the Prospector, without encroaching to any great extent upon the provinces occupied by the sciences of Mineralogy and Geology, or the arts of Mining and Metallurgy, which are too far reaching to allow of more than the briefest mention in a work of this sort.

It is evident, therefore, that the scope of the work must be necessarily limited, but it is hoped that to the practical Prospector it may give certain hints as regards the recognition of Minerals with which he is unacquainted, while, to the student, it may afford an introduction to the subject which will be of use in directing his work into the proper channels.

S. H. C.

LONDON,
January, 1898.

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