

BOOK REVIEWS

SURVEYING AND LEVELLING INSTRUMENTS, THEORETICALLY AND PRACTICALLY DESCRIBED—By William Ford Stanley—Fourth Edition, revised by H. T. Tallack—E. & F. N. Spon, Ltd., London, and W. F. Stanley & Co., Ltd., London.

The several editions of this work are a credit to the authors. The third edition represented forty-seven years of experience of the late W. F. Stanley. His life was devoted to the details of the subject and his written descriptions and instructions are authoritative.

The new edition has been revised by Mr. H. T. Tallack who ably assisted Mr. Stanley in his work.

PRACTICAL STAMP-MILLING AND AMALGAMATION—By H. W. MacFarren, with a Chapter on Arrangement and Construction of Stamp-Mills—By Charles T. Hutchinson—Mining and Scientific Press, San Francisco—\$2.00 Set—For sale by Book Department, Canadian Mining Journal.

This is the third edition of Mr. MacFarren's book. The first edition was written to give ideas and principles by which millmen might be guided. Since then the author has been engaged in many widely separated metal mining regions of the United States.

The new edition is an entire revision and enlargement, illustrated with 77 carefully selected cuts and drawings.

Mr. Hutchinson, who contributes to the new edition, was formerly manager of the mining machinery department of the Union Iron Works, and later for the Joshua Hendy Iron Works.

HEATON'S ANNUAL, 1915—The Commercial Handbook of Canada and Board of Trade Register—Edited by Ernest Heaton, J. Beverly Robinson and W. J. Dolson—Published by Heaton's Agency, 32 Church St., Toronto.

This book contains a fund of information for business men. The editors' aim is to make it the standard authority on the Canadian Customs, Tariff, Law and Regulations. The second half of the book contains general information in encyclopaedic form, with references for further enquiry.

A TEXT-BOOK OF PRACTICAL ASSAYING—By James Park, Director of the Otago University School of Mines—Charles Griffin & Co., Ltd., London—For sale by the Book Department, Canadian Mining Journal.

This little work comprises a series of lecture and laboratory notes originally prepared by the author for his own students. These notes have already appeared in New Zealand in two editions. The matter covers the customary two years' course in assaying.

In this new edition, the old matter has been carefully revised throughout, and much new matter added to bring the methods into line with recent technological practice.

The intention of the author has been to lead the student from the relatively simple operations comprised in the assay of gold and silver ores up to the determinations that pass insensibly into the quantitative analysis of simplex and complex substances; and while imparting manipulative practice and a knowledge of first principles to initiate the student into the technical methods of ore valuation.

In part I. instructions are given for the assay of gold and silver ores, gold and silver bullion, assay of platinum, silver, mercury, lead ores, tin, antimony, bismuth, copper, iron, manganese, zinc ores, chromite, nickel and cobalt ores.

In part II. instructions are given for the estimation of chlorine, sulphur, arsenic, phosphorus, potassium cyanide, barium, calcium, strontium, tungsten, titanium, thorium, molybdenum, the analysis of cement, rocks, coals, sulphide ores, soils, manures, oil shale, water, alcohol, sugar and milk.

Part III. is devoted to methods of qualitative analysis.

HURONIAN BELT CO.

Some months ago the Associated Gold Mines of Western Australia, Limited, which has provided a large amount of the capital of the Huronian Belt Co., Limited, in conjunction with it obtained an option over the North Thompson and Keeley mines.

The last payment in connection with the North Thompson property was made in November last, and a new company was recently formed in England, known as the North Thompson (Associated) Gold Mine, Limited, to work it. The directors of that company are: Capt. H. B. Hooper, chairman, Ed. Hooper, E. T. McCarthy, Hermann Landau, F. H. Hamilton, Alfred H. Collier, Benjamin Brookman and Dr. J. M. Bell, managing director.

The option on the Keeley mine has not yet been exercised, but is still in force.

Besides the two interests above mentioned, the Huronian Belt Co., Limited, has options over the Murray Mogridge claims near Wolf Lake, and owns in addition claims in a number of other districts in Northern Ontario, as well as in the far North-West, near Great Slave Lake, where the company sent an expedition last summer.

The Huronian Belt Syndicate, Limited, passed out of existence in March, 1914; all its interests being acquired by the Huronian Belt Company, Limited, which has a capital of £200,000. The directors of the new company are: F. H. Hamilton, of the firm of L. Ehrlich & Co, chairman; E. Turk, E. T. McCarthy, Scott Lings, Capt. H. B. Hooper, and Dr. J. M. Bell, managing director.

Messrs. L. Ehrlich and Company are very largely interested in the Associated Gold Mines of Western Australia, Limited.

Mr. J. Obalski, who has been elected chairman of the Chambre de Commerce for 1915, is a well-known mining engineer. He was born in France in 1852, educated in that country, and came to Canada when a young man. He was appointed Superintendent of Mines for the Province of Quebec in 1881, and held the position for twenty-eight years. He has explored the whole of the Province, and has written extensively on mining matters. At the present time he is practising his profession as a mining engineer in Montreal.

The International High Speed Steel Company, of 478 Pearl Street, New York City, has acquired a tract of nine acres of land at Rockaway, New Jersey, on which it will erect a large steel plant for the manufacture of its "Bulldog" brand of hollow and solid mining drill steel in all sections, shapes and sizes; and also of high speed tool and automobile steels of every description. It is expected that the plant will be in operation by April and will, when completed, give employment to several hundred men.