



## Determination and Separations of Gold in the Electrolytic Way: Thesis Presented to the Faculty of the Department of Philosophy of the University of Pennsylvania, in Partial Fulfillment of the Requirements for the Degree

By Sarah Pleis Miller

Forgotten Books, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Determination and Separations of Gold in the Electrolytic Way: Thesis Presented to the Faculty of the Department of Philosophy of the University of Pennsylvania, in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy It has long been known that gold could be deposited completely from solutions containing it in the form of double cyanide, sulphaurate, and sulphocyanide, as well as in the presence of free phosphoric acid. Smith s Electrochemical Analysis, 3rd Edition, gives an example which illustrates the conditions with which a good result may be obtained from the double cyanide; also those used to yield satisfactory results from sodium sulphide solution. The purpose of this investigation was to ascertain the conditions under which gold could be satisfactorily deposited from its solution (a) in potassium cyanide; (b) in the presence of phosphoric acid; (c) in sodium sulphide; and to employ the data thus gathered for separations of the metal from various other metals. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a...



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