

FOREWORD

Publications concerning Bureau of Mines investigations of coal and its products since the Bureau was established in 1910 to January 1, 1935, are listed in Technical Paper 576. Technical Paper 639 lists these publications from 1935 to January 1, 1940. The present technical paper covers the 5 years from January 1, 1940, to January 1, 1945.

These investigations are described in printed or mimeographed publications issued by the Government Printing Office or the Bureau of Mines and in articles by staff members published in periodicals, books, and journals distributed by the technical press.

The publications have been classified according to subject. Within each subject classification the papers are separated into groups based on the medium of publication and are arranged, within each group, alphabetically by authors. The publications issued by the Government include bulletins, technical papers, economic papers, the Minerals Yearbook, miners' circulars, handbooks, schedules, the Director's annual report, reports of investigations, information circulars, special reports, and various periodic economic reports detailed under the section headed Economics and Statistics.

In general, *bulletins* contain original scientific or technical results of studies of major problems. *Technical papers* are similar to bulletins but are limited to definite subdivisions of major problems, and as a rule are shorter than bulletins. *Economic papers* summarize and analyze the history of production of various important minerals and discuss sources and resources. *Minerals Yearbook* presents an economic review and statistical summary of the mineral industry of the United States. It is published about August or September following the calendar year reviewed. *Miners' circulars* give data and information on the prevention of mine accidents, first-aid and rescue methods, and precautions against disease. *Handbooks* are special manuals on subjects relating to safety or efficiency. *Schedules* indicate the requirements and procedure for testing electrical equipment, gas-detecting equipment, devices for respiratory protection, and explosives for permissibility for use in mines, mainly coal mines. *Directors' annual reports* summarize the Bureau's work in any fiscal year. All of these publications are printed and are sold, if not out of print, by the Superintendent of Documents, Washington 25, D. C., at the price stated.

Reports of investigations, issued in mimeographed form, quickly make available important data pertaining to special phases of major problems. They are used also to outline briefly the results of original studies on minor problems. Frequently the information contained in these papers is incorporated with additional findings and published in bulletins or technical papers. Reports of investigations are numbered serially, beginning with No. 2000, which was published in February 1919. *Information circulars* are short mimeographed papers, similar in form and manner of publication to reports of investigations, that concisely present the principal facts on various subjects. The material may not represent the results of original investigative work and frequently consists of compilations, reviews, abstracts, and discussions. Information circulars are numbered serially, beginning with No. 6000, which was published in December 1925. Before that date, papers of a general informational character were classified as reports of investigations. Special reports are issued at intervals to make available data of special and immediate interest. They are not numbered but are designated by title or subject matter. Reports of investigations, information circulars, and other mimeographed reports are distributed, free of charge, upon written request, by the Bureau of Mines, Washington 25, D. C.

As there has been a liberal distribution of all publications throughout the country and to some extent in foreign countries, reports that are now out of print usually may be found in technical and larger public libraries. Likewise, bound volumes of the scientific and trade periodicals in which Bureau of Mines papers appear may be consulted in libraries throughout the country. Dealers in new and second-hand books sometimes have copies of some of the reports.

BIBLIOGRAPHY OF BUREAU OF MINES INVESTIGATIONS OF COAL AND ITS PRODUCTS, 1940 TO 1945¹

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