

LIST OF JOURNAL ARTICLES BY BUREAU OF MINES AUTHORS

Published July 1, 1910, to January 1, 1960

WITH SUBJECT INDEX

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INTRODUCTION

IN THE HALF-CENTURY that has passed since the Bureau of Mines was established in July 1910, the research and technologic investigations conducted by the Bureau's scientists, engineers, and other personnel have helped significantly in improving health and safety in the mineral industries and have contributed substantially to conservation of the Nation's mineral resources through improved techniques in the mining, treatment, and utilization of mineral commodities.

From Bureau laboratories have come new materials for industry and better methods for extracting and processing minerals and mineral fuels. Bureau safety investigations—complemented by equipment-testing and by programs of mine inspection and education—have brought about safer and more healthful working conditions for mineral-industry employees.

Resource studies by the Bureau have formed the basis for a fuller understanding of America's mineral heritage. The statistical data and economic information provided by the Bureau have enabled the Government and others to plan more effectively for industrial progress and for national defense.

In its early days, the Bureau of Mines concerned itself principally with coal and coal mining. The Bureau people directed their efforts mainly toward reducing coal-mine accidents and disasters, which had taken a tremendous toll in human life each year. With the cooperation of State agencies and of mine management and labor, health and safety in the mineral industries have been markedly improved. Consolidation of these gains and ultimate achievement of the safest working conditions possible wherever men mine and process minerals are still primary objectives of the Bureau.

Also of major importance are the many and

varied scientific investigations the Bureau conducts to advance technology.

At research centers and field installations in every region of the United States, the Bureau's scientists and engineers are carrying on studies involving virtually all mineral commodities, including mineral fuels, to further the wise and efficient use of the Nation's mineral resources.

As these studies are completed, the Bureau makes public its findings. In accordance with its organic act and with its long-established policy to disseminate information on subjects that will further the public-service objectives of the Bureau, it publishes the results of its research and investigations as promptly as possible. Generally the Bureau's reports are issued in its own series of publications, but frequently it publishes material in scientific and technical and trade journals, convention proceedings, books, and other outside publications.

Periodically, the Bureau issues indexed lists of the reports published in its own publication series and also lists the papers written by its personnel that have appeared in outside publications. In this year of its 50th anniversary, it is publishing a comprehensive list in each category, covering the period July 1, 1910, to January 1, 1960.

This list contains the titles of articles that have been published outside the Bureau of Mines and is arranged as follows:

All authors are listed in alphabetical order. Each article has a numerical designation, but its position is determined by the alphabetical-sequence listing of the senior author. Junior authors' names are followed by numbers which designate the articles in which they collaborated. Such an arrangement makes an author index unnecessary; however, a general subject index and a key to the abbreviations used in citing publications and organizations are included.

¹ Publications editor and editorial clerk respectively, Office of Mineral Reports, Bureau of Mines, Washington, D.C., assisted by Julie N. Walker, Peggy B. Evans, and other members of the editorial staff.