



## **United States Bureau of Mines, Rolla Research Center Records (R1321)**

**Collection Number:** R1321

**Collection Title:** United States Bureau of Mines, Rolla Research Center Records

**Dates:** 1915-1996

**Creator:** United States Bureau of Mines, Rolla Research Center

**Abstract:** The United States Bureau of Mines, Rolla Research Center Records contain the records of the Bureau of Mines office and research facility established in Rolla, Missouri, in 1915. The records include correspondence, operational reports, project reports, photographs, newspaper articles, program materials, and maps.

**Collection Size:** 17 cubic feet  
(372 folders, 4 maps, 3,238 photographs, 68 negatives, 936 slides, 3 volumes)

**Language:** Collection materials are in English.

**Repository:** The State Historical Society of Missouri

**Restrictions on Access:** Collection is open for research, but is stored offsite. This collection is available at [The State Historical Society of Missouri Research Center - Rolla](#). If you would like more information, please contact us at [rolla@shsmo.org](mailto:rolla@shsmo.org). Collections may be viewed at any research center.

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**Preferred Citation:** [Specific item; box number; folder number] *United States Bureau of Mines, Rolla Research Center Records* (R1321); The State Historical Society of Missouri Research Center-Rolla [after first mention may be abbreviated to SHSMO-Rolla].

**Donor Information:** The records were donated to the University of Missouri by James B. Stephenson on March 3, 1998 (Accession No. RA0710).

**Related Materials:** Additional materials related to the United State Bureau of Mines, Rolla Research Center Records can be found in the following collections:

*Waldemar M. Dressel Papers* (R1490)

*American Zinc, Lead, and Smelting Company Records* (R0010)

*University of Missouri, School of Mines and Metallurgy Papers* (C3110)

Missouri University of Science and Technology, *Clair V. Mann Collection* (R:3/3/5)

**Processed by:** Processed by Kathleen Seale, September 18, 2019

### **Historical Note:**

In 1910, Congress established the Federal Bureau of Mines as an agency in the Department of the Interior. The new agency was tasked with conducting inquiries and scientific and technological investigations concerning mining and the preparation, treatment, and use of mineral substances. They were to work towards improving health, safety, and economic conditions, and efficiency. The Foster Act of 1915 established a Mississippi Experiment Station in Rolla, Missouri, to facilitate functions of the agency in the regions of Wisconsin, Northern Illinois, Tri-state area of Missouri, Oklahoma, and Arkansas; and the Southeast Missouri lead district.

The Mississippi Valley Experiment Station of the United States Bureau of Mines was established in Rolla, Missouri, in 1920. In 1942, the Rolla Bureau of Mines office became the headquarters for the Regional Engineer of the Central Region. Their work focus shifted in 1945 to the Rolla Division of the Mining and Metallurgical Branches serving Illinois, Indiana, Missouri, Arkansas, Oklahoma, and Kansas.

The Bureau of Mines moved to their new federal location in Rolla in 1947, which allowed the Missouri School of Mines and Metallurgy (now Missouri University of Science and Technology) to utilize the Experiment Station building for the large number of returning World War II veterans attending the school. The Rolla station was the headquarters of the Minerals Technology Division of Region VI in the 1950s.

In 1958, the Rolla station became the Rolla Metallurgy Research Center with a focus on advancing minerals technology, improving mineral and metal recycling, minimizing mineral and metal needs, and health and safety. In July 1979, the research center redirected its research emphasis in accordance with the reorganization of the Bureau of Mines and became the Rolla Research Center.

Talks of dissolving the Bureau of Mines gained momentum in 1994 and in September 1995, Congress voted to close the Bureau. The Rolla Research Center closed in April 1996 and the buildings and property were transferred to the University of Missouri – Rolla (now Missouri University of Science and Technology).

James B. Stephenson served as director of the Rolla Research Center from the early 1990s to its closure in 1996. A research chemist, Stephenson started research at Rolla in 1964. Over the years he was the project manager for numerous experiments.

### **Arrangement:**

The collection has been arranged into the following eleven series with fifteen subseries:

Reports and Work Plans

Annual, Quarterly, Monthly

- RMT
- Miscellaneous
- Plans
- Research Projects
- Meetings
- Correspondence
- Closure
- Background
- Research Center Operations
  - Agreements and Licenses
  - Property
  - Safety
  - Miscellaneous
- Publications
- Personnel
- Bureau of Mines Employees' Club
- Miscellaneous
- Photographs
  - Photographs
    - Buildings
    - People
    - Official
  - Slides
  - Negatives
  - Pictorial Histories
- Maps

**Scope and Content Note:****Reports and Work Plans**

This series consists of mainly of annual, quarterly, and monthly reports. These reports are for the Rolla Research Center and various departments within the research center. The reports contain information on current and ongoing projects, project leaders, photographs, graphs, and the director's special report. This collection also includes assorted reports for the research center director, site evaluations, and metallurgical tests. This series also includes some long range and strategic plans. They are organized by the United States Bureau of Mines and the Rolla Metallurgy Research Center and then chronologically.

**Research Projects**

This series contains records related to the various research projects undertaken by the Rolla Research Center staff. These materials include project reports, publications, project proposals and agreements on collaborative projects. This series is arranged chronologically.

**Meetings**

This series contains materials for meetings attended by staff of the Rolla Research Center. These materials consist of correspondence, agendas, meeting minutes, and supplemental materials.

Meeting topics included safety, research projects, consideration of collaborative projects, and research centers management. This series is arranged chronologically.

### **Correspondence**

This series consists of correspondence pertaining to the operation of the Bureau of Mines and Rolla Research Center. Most of the correspondence is for or from the current research director. This series is organized chronologically.

### **Closure**

This series contains materials related to the dissolution of the Bureau of Mines and the closure of the Rolla Research Center. These materials include newspaper articles, correspondence regarding the closure and attempts to keep the research center open. Also included are plans for the transition of Bureau properties, procedures for clearing out and closing laboratories and workspaces. This series is organized chronologically.

### **Background**

This series consists of materials related to the background and history of the Bureau of Mines and the Rolla Research Center. The materials include brochures, write-ups, newspaper articles, handbooks, and organizational structure charts. This series is arranged chronologically.

### **Research Center Operations**

This series contains materials related to the overall running of the Rolla Research Center and its projects. These materials consist of licenses and agreements for collaborative projects and use of dangerous and/or restricted materials. Also included are property deeds and agreements, and safety tests and regulations. This series is organized into four subseries: Agreements and Licenses, Property, Safety, and Miscellaneous. Each subseries is arranged chronologically.

### **Publications**

This series contains publications created by Bureau of Mines staff and publications written about the Bureau of Mines, its work, and its staff. The newspaper articles contain stories about the Rolla Research Center, staff accomplishment, programs organized by the Bureau and staff projects. This series is organized chronologically.

### **Personnel**

This series contains information on the employees of the Rolla Research Center. These materials include biographies, staff lists, and information on retirement and relocation offers during the reorganization and closure of the Rolla Research Center. This series is organized chronologically.

### **Bureau of Mines Employees' Club**

This series contains records relating to the Bureau of Mines Employees' Club that met in Rolla, Missouri. Members were those who currently or formerly worked for the Bureau of Mines.

Included is the club's constitution, meeting minutes, correspondence, records of members, and events. This series is organized chronologically.

### **Miscellaneous**

This series contains the histories of different Bureau of Mines research centers and research projects across the United States. Most of the histories and reports were written in the early 1950s. These histories contain reports on completed and ongoing projects, layouts and maps of the research facilities, and information on staff at those locations. This series is organized chronologically.

### **Photographs**

This series contains photographs, slides, and negatives related to the staff and work of the Bureau of Mines in Rolla, Missouri. The photograph subseries is divided into buildings, people, and projects and stock images. The buildings contain images of the various office and research facilities used by the Bureau staff. The people series contains images of staff and researchers at work and at various events. The official images consists of photographs of the research facilities, maps, and images of staff at work on various projects. The images in folders 323-359 are stock images taken by the Bureau of Mines research centers to accompany official reports and publications. Some of the images are identified in the various reports in the first series. The slides and negative subseries contain images from the Rolla Research Center, images of staff, and current projects. The photograph series has been kept in its original order where possible, otherwise it has been organized by subject and then chronologically.

The pictorial histories are three volumes containing photographs with captions and brief histories on the efforts of the Bureau of Mines in Rolla, Missouri and Bauxite, Arkansas.

### **Maps**

This series contains maps utilized by the Bureau of Mines Rolla Research Center in mapping different geologic layers around Bonne Terre, Missouri. The maps are oversize and stored separately from the collection.

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