



Arizona Geological Society Newsletter

MARCH 2020

Society Announcements

March Dinner Meeting Cancelled

Dear AGS members,

Given the severity of the COVID-19 outbreak and the potential risk to the health and wellbeing of our AGS membership community, we think it best to cancel our regular in-person AGS dinner meeting for April 2020.

Stay healthy!

Jon Whittier

2020 AGS President

AGS Executive Committee 2020

The Arizona Geological Society is seeking volunteers for this year's AGS Executive Committee. We are looking for a:

- Vice Treasurer
- Secretary
- Vice President of Marketing

For more information, please contact us at:

info@arizonageologicalsoc.org

If you are interested in sponsoring future AGS dinner meetings, please contact:

info@arizonageologicalsoc.org

Opportunities

Asarco Ray Senior Geologist Position

<http://www.asarco.com/job-opportunities/>

Interested AGS members can also find details on the society home page, which includes a pdf with a full job description.

Mine Manager in the Tucson Area

Cheryl Barret: **cbarrett@bradsbygroup.com**

Interested AGS members can find additional details on the society home page.

If you have a relevant opportunity that may interest AGS members, please contact:

info@arizonageologicalsoc.org



Index of ~12,000 US Bureau of Mines Publications

28 March 2020

The AZGS just released a searchable index, Index of US Bureau of Mines Publications 1910 - 1996, that includes, at a minimum: the report series and number, title, year, author(s), alternate title, and keywords; many entries also include informative notes. Between 1910 and 1996, the US Bureau of Mines (USBM) published nearly 12,000 reports as part of their Bulletins, Circulars, and Research Investigations publication series’.

US Bureau of Mines (USBM) publications focus on the extraction, processing, use, and conservation of mineral resources. Unfortunately, locating digital copies of USBM indexes and reports Bureau of Mines can be challenging. In 1996, the US Geological Survey took up certain functions of the USBM - such as the collection, analysis, and dissemination of minerals information. According to the USGS, the National Technical Reports Library (NTRL) contains a ‘legacy’ collection of USBM publications.

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A search of the NTRL for ‘Bureau of Mines’ as the ‘Source Agency’ yielded 5,010 titles. Or approximately 41%, of all USBM published documents. Unfortunately, only a fraction (~ 15-25%) of the 5,010 titles are digitally linked to reports. The HathiTrust, ‘a partnership of academic & research institutions, offering a collection of millions of titles digitized from libraries around the world’, is another possible source of digital USBM reports.

At its peak in 1968, the USBM employed 6,000 people and staffed 14 centers around the U.S.; its largest division provided for health and safety in mines nationwide. The Federal Mine Safety and Health Act of 1977 made the new Mine Safety and Health Administration (MSHA - <https://www.msha.gov/>) responsible for enforcing safety and health rules for all U.S. Mines.

Seven examples of USBM reports with an Arizona footprint: title, author(s), year, series & number.

- i. Petrographic and Geochemical Analyses of Leach Samples From Artillery Peak, Mohave County, Az. Brink , Susan E. , Rolland Blake, and Dianne Marozas, 1995 BM-RI-9554.
- ii. Comparative Porphyry Copper Mining and Processing Costs - Alaska and Arizona Bottge, Robert G., 1974 BM-IC-8656.
- iii. Nonpegmatitic Beryllium Occurrences in Arizona, Colorado, New Mexico, Utah, and Four Adjacent States, Meeves, Henry C., 1966 BM-RI-6828.
- iv. Reconnaissance of Iron Resources in Arizona, Harrer, Clarence Michael, 1964 BM-IC-8236
- v. Manganese Deposits of Eastern Arizona Farnham, Lloyd Lynn, 1961 BM-IC 7990.
- vi. Christmas Copper Deposit, Gila County, Ariz. Tainter, Stanton L., 1948 BM-RI-4293
- vii. Safety work at Calumet and Arizona Mines, Colburn, C.L., 1919 BM-RI.

Citation. Wakefield, K., 2020, [Index of US Bureau of Mines Publications 1910 - 1996](#). Arizona Geological Survey Contributed Report, CR-20-B, excel spreadsheet, 4 sheets.

Acknowledgments. Former Arizona Dept. of Mines and Mineral Resources (ADM MR) Nyal Niemuth was instrumental in initiating this work. In 2011, ADM MR closed their doors, transferring their library, documents, and work products to the AZGS.



Read original blog post: <https://blog.azgs.arizona.edu/blog/2020-03/index-12000-us-bureau-mines-publications>

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Come see us at our new expanded location - 7960 S Kolb Rd, Tucson, AZ 85756

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- Geochemical Analysis
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AGS MEMBERSHIP APPLICATION OR RENEWAL FORM

YOU CAN RENEW OR SIGN UP as a new member and pay online. Please go to our website, arizonageologicalsoc.org. Or use the form below if you are more comfortable with the old school approach.

Please mail check with membership form to: Arizona Geological Society, PO Box 40952, Tucson, AZ 85717

Dues (check box) 1 year: \$35; full-time student (membership is free)

NEW MEMBER or RENEWAL? (circle one) Date of submittal _____

Name: _____ Position: _____

Company: _____

Mailing Address: _____

Street: _____ City: _____ State: _____ Zip Code: _____

Work Phone: _____ Home Phone: _____

Fax Number: _____ Cellular Phone: _____

E-mail: _____ Check this box if you do not have an email address

All newsletters will be sent by email. If you do not have an email address, we will mail a hard copy to you, but we cannot guarantee timeliness.

If registered geologist/engineer, indicate registration number and State: _____

Enclosed is a _____ tax-deductible contribution to the J. Harold Courtright or the M. Lee Allison Scholarship Funds.