

Arizona Still #1 Mining State

Arizona copper production and value reached a record high last year! With an estimated value for non-fuel mineral production of \$3.3 billion, Arizona again leads the nation. The preliminary figures for 1994, reported by the U.S. Bureau of Mines, are listed below.

MINERAL PRODUCTION
IN ARIZONA - 1994

Mineral	Quantity	Value
Clays (tons)	101,400	\$421,000
Copper (tons)	1,304,980	2,818,752,000
Gemstones	NA	3,776,000
Gold (troy ounces)	79,991	28,870,000
Pigments (tons)	75	38,000
Sand & gravel (tons)	49,604,000	184,500,000
Silver (troy ounces)	5,465,619	23,502,000
Stone-crushed (tons)	7,275,000	38,300,000
Other		224,609,000
Total		\$3,322,768,000



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ARIZONA

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Mineral Resource

MINING

Mining Law Changes Planned

A group of key senators have introduced hard-rock mining reform legislation similar to the Craig Bill proposed last year. Cosponsors of the bill, introduced on March 7, 1995, include Senate Mining Subcommittee Chairman Larry Craig (R-Idaho), Senators Frank Murdowski (R-Arkansas), Harry Reid (D-Nevada), and Richard Byran (D-Nevada), and nine others. This bill, S. 506, Mining Law Reform Act of 1995, is supported by the mining industry. It is hoped that it will resolve the recent debate on the 1872 Mining Law. The Bill includes the following provisions:

- Retains existing claim location system,
- Retains the current \$25 location fee and \$100/yr rental,
- Creates a right of exclusive possession,
- Supports a 3% net royalty,
- Repeals current patent moratorium,
- Requires the Secretary of the Interior to diligently process pending applications,
- Includes a patent transition period of 18 months,
- Provides for payment of fair market value for the surface estate,
- Allows reclamation to be controlled by the state,
- Excludes redundant suitability provisions,
- Includes use of a limited reverter for non-mining use.

Senator J. Bennett Johnston (D-Louisiana), the ranking Democrat on Murkowski's committee will undoubtedly object to the pivotal royalty provision. Last year Johnston had negotiated down to a 3% gross royalty on gold and 2 percent on other minerals.

Senator Bumpers (D-Arkansas) and Rep. George Miller (D-California) are expected to be the main opposition to the Craig bill. Miller has already introduced a bill (HR-721) as an omnibus public lands revenue bill with calls for an 8% royalty.

Clifford Altfeld, a member of the Department's Board of Governors, will be leaving the Board after ten years of service. Altfeld, first appointed by Governor Bruce Babbitt in 1984, is an attorney with the firm of Schorr, Leonard & Felker, P.C. in Tucson. He was appointed to a second term by Governor Rose Mofford in 1991. Altfeld has been a loyal, dedicated advocate of the Department through years that were among the most difficult but also the most rewarding. Thank you, Cliff. The Department is richer for your having come our way.

GOP Considers Public Land
Transfer to States

Several Republican legislators have expressed a desire for the Bureau of Land Management to transfer public lands to the states. Among the proponents of the idea are Don Young (R-Alaska), Jim Hansen (R-Utah) and several western governors including Arizona's Fife Symington. A draft bill has not been prepared as the action is still in the planning stages.

Mine Inspector's Bill Cleared

With a unanimous vote, the seven members of the Arizona Senate Committee on Natural Resources recommended passing House Bill 2078. This bill will allow the Mine Inspector to donate mine rescue equipment to the Arizona Mine Emergency Association (AMEA). These donations will help AMEA in providing federally-mandated rescue team support for small and remote underground mining operations in Arizona. The nonprofit association is supported by dues from its members.

The equipment has formerly been on loan from the Mine Inspector's office, placing the State in jeopardy of a lawsuit in case of equipment failure.

Heinrichs Files Received

Grover Heinrichs, retired Arizona mining engineer, has donated a collection of over 1,100 files to the Department. The collection has 3 principal components: 1) mine reports and data from Professor Edward Wisser, University of California, Berkeley, 2) property files of Essex International, and 3) Heinrich's files on mining companies, properties, and commodities. The amount of data contained in these files is substantial and makes a significant addition to our library. A listing of the files is available.

William Miller Named to Board

William J. Miller has been appointed to the Board of Governors of the Arizona Department of Mines and Mineral Resources by Governor Fife Symington. The appointment began February 1, 1995 and continues through January 31, 2000.

Miller was born in Chicago and moved to Arizona with his family in 1952. He graduated from Camelback High School in 1961. After attending ASU, Miller went to work for KOOL-TV. His first job was pulling cables for the studio cameras. By 1968 he was producing prime

time documentaries and was named manager of the Special Projects unit at Channel 10. He later served as Manager for the News and News Director for the same station.

In 1986 Miller became Station Manager at KTVK-TV3. He is also a member of the Board of Directors of Media America Corporation. Since 1989 Media America has acquired Phoenix Magazine, one of America's premier city magazines, KESZ, a popular adult contemporary FM station, and Desert Production Center, one of the largest video production companies in the Southwest.

Miller and his wife Sandy have two children, a son, David, and a daughter, Cherie. His activity in the community over the past 10 years has included serving as president of the Arizona Broadcasters Association, president of the First Amendment Coalition Board, vice-president of the endowment of the Walter Cronkite School of Journalism and Telecommunications-ASU, president/chairman of Barrow Neurological Foundation, member of the St. Joseph's Hospital Center (Phoenix) Foundation Board, member of the Valley of the Sun United Way Board, and vice-president of Kids Voting Arizona.

TUCSON GEM & MINERAL SHOW



The Tucson show, held each February, is one of the finest and most prestigious in the world. The main show is held in the Tucson Convention Center, but dealers spill out into all available motels in the downtown area.



Megan and Amanda Barlow enjoy a T. rex in front of the Pueblo Motel.

Mission Back in Molybdenum

Asarco has announced that it is restarting its molybdenum circuit at the Mission Unit. This is the result of the high prices being paid for molybdenum and molybdenum concentrates. Producer stocks in concentrates, oxide and other product forms were 16,911 metric tons at the beginning of 1994 but have been reduced to 9,631 metric tons by the end of October 1994. For the week ending January 20, 1995 the average price for molybdenum concentrate was \$3.95 per pound and dealer molybdenum oxide was \$16.50 per pound.

Backfill Directive Reversed

Ed Hastey, State Director of the California Bureau of Land Management (BLM), has canceled his recent memorandum to BLM field offices advising compensation would be required for the loss of a "functioning ecological unit" if backfilling could not be accomplished or is infeasible. According to *California Mining*, Hastey withdrew the memorandum 2 days after receiving a letter from the California Mining Association that charged that the memorandum was a violation of federal law.

Wanted: 5,000 Tons of Pyrite

Material traditionally considered waste has now become valuable. Pyrite has become an important commodity. A company that has been consuming large quantities of this material has lost their supplier and desperately needs a source of pyrite. If you are able to supply this commodity or have such deposits please call the Department.

MUSEUM NOTES

Arizona Museum Days

In recognition of International Museum Day (May 18), Central Arizona Museum Association (CAMA) Members are holding a four-day, Valley-wide observance from May 18 - 21. Participating museums and institutions are offering discounts on admission and gift shop purchases.

Visitors to the Arizona Mining and Mineral Museum who mention International Museum Day during that time will receive a 10 percent discount on purchases from the Museum gift shop.

For more information, including a free CAMA brochure with a map, call (602) 644-2468.



New Education Curator

Susan Celestian has accepted the position of Education Curator at the Arizona Mining and Mineral Museum.

Susan received a B.A. degree in geology from Wittenburg University in Ohio and a M.S. degree in geology from Northern Arizona University.

She came to the Museum from Glendale Community College where she taught geology. She was also director of the M.E.S.A. Pre-college Program, a cooperative effort between high schools, colleges, and industry designed to encourage minority high school students to enter math- and science-related careers. Additionally, she co-directed the GCC Science Expo for high school and elementary students.

For the past five summers she has taught classes for ASU West's Center for Lifelong Learning.

Glenn Miller, Museum Curator, says Susan has "exactly the background, the skills, and the enthusiasm we had hoped to find for our new position." The Education Curator will be responsible for restructuring the Museum field trip program, enhancing the teachers' sample kits and information packets, and developing additional interpretive Museum displays.

"I am excited about this new position," Susan says, "It is a wonderful opportunity to share my love of minerals and geology."



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