

Arizona Mineral Production

Short tons unless otherwise noted

Commodity	2000 ¹ Quantity	2000 ¹ Value	2001 ⁵ Quantity	2001 ⁵ Value
Copper	1,024,000	\$1,810,000,000	965,000	\$1,470,000,000
Gemstones	na	2,920,000	na	2,670,000
Gold (troy oz)	w	w	w	w
Molybdenum (lb)	w	w	w	w
Sand & gravel				
Construction	65,477,000	304,000,000	62,391,000	294,000,000
Industrial	w	w	w	w
Silver (troy oz)	4,244,000	21,200,000	w	w
Stone, crushed	8,852,000 ⁶	48,200,000	7,716,000	43,300,000
Dimension stone⁴	340,000	44,000,000	380,000	51,000,000
Gypsum⁴	1,100,000	16,000,000	1,200,000	18,000,000
Other²	na	315,100,000	na	345,900,000
Coal³	13,111,000	315,000,000	13,418,000	322,032,000
Total		\$2,876,420,000		\$2,546,902,000

1 USGS data

2 Includes cement, clay, gypsum, molybdenum, perlite, salt, dimension stone, zeolites, and iron oxides

3 ADMMR estimate for value

4 ADMMR estimate for quantity and value

5 USGS preliminary figure

(W - withheld)

Bonding Deadline Approaches

Rules for small mining and "Notice Level" activity on BLM land changed on January 20, 2001. As of January 20, 2003 notice level activities will require reclamation bonds. Previously activities on mining claims disturbing 5 or fewer acres could be authorized without an approved plan of operations and without a reclamation bond. To the extent a notice level activity was previously approved, you must notify the BLM in writing and establish a financial guarantee in accordance with § 3809.300(a) and § 3809.503.

The regulations permit the BLM to grant extensions for up to two years. Until your financial guarantee is approved you may not conduct on-the-ground activities after January 20, 2003. Operators must take these actions on or before January 20, 2003 for each pre-2001 notice they wish to extend. The operator may modify their no-

tice at any time, but all modifications must meet the requirements of the January 2001 regulations.

Camp Verde Supports Mining

Voters in the Town of Camp Verde affirmed their desire to have mining continue within their town limits. Camp Verde voters, in a referendum vote, overruled a new town ordinance that would have so severely restricted mining within the town limits as to shut it down. The new ordinance was defeated by a vote of 1,140 to 444 and the sponsoring council member was also defeated for re-election. The anti-mining ordinance appears to have been primarily aimed at Phoenix Cement's Verde Gypsum mine and a new sand and gravel operation.



Do you need this information in an alternative format? Please call the Department at 602-255-3795.

Museum News

Family Day A Huge Success

Despite rain and hail, Family Day on Saturday, October 26 was a resounding success. During an early morning spot on Channel 3's Good Morning Arizona, Susan and Stan Celestian highlighted the activity projects and visually appealing minerals. It made a big difference in the attendance, as many valley residents discovered our event and decided to make it part of their day. About 545 people attended, a 40 percent increase over last year's record attendance. Activities included gold panning, a coin shoot, jewelry and pet rock making, mineral cards, lapidary, faceting and carving demonstrations, inlay and wire wrapping demonstrations, and kid's corner with hands-on rocks, minerals, fossils and books – and there were five mineral dealers and the Arizona Mineral and Mining Museum Foundation offering a wide range of specimens for purchase. All the dealers did well, as did the Museum gift shop (the Museum's primary source of funding for tour guides and education programs.)

Eyes and Ears

Tour guide and volunteer, Liz Anderson, has spearheaded a new public relations program. There will be regularly scheduled press releases, intended to increase the media's awareness of the presence of the Museum and its educational resources.

Please be our eyes and ears! If you see a television, radio or print medium we should contact, let Liz know by e-mailing her at azmmm@hotmail.com or calling the Museum at 602.255.3795 ext 10.

Also, we are in the process of building a packet of letters and petitions to help document the value of the Department and Museum resources and services. If you have received help, experienced a positive group or individual visit, or just love beautiful mineral displays, PLEASE send us letters, telling us how you feel. It may be very helpful in the near future.

Heavy Meal Wins Trophy

The Museum's State Fair 2002 exhibit was the *Banquet of Rocks* – a sumptuous feast composed of rocks that look like food. It includes everything from a roasted chicken to baked potatoes to lemonade with fudgsicles for dessert. This exhibit has always been a big hit wherever it has been displayed, and this year it won a Best Special Display trophy. Four place settings of "food" can be seen daily on display in the Museum as *Today's Special* and many of the selections are on display in the children's section of the main Phoenix Public Library through December. Look for the *Hard Rock Supermarket* with "rock bottom prices." It will next be displayed at the Maricopa Lapidary Society's Gem and Mineral Show February 28 - March 2, 2003.

The Museum again sponsored two awards: Outstanding Project in Junior Division Minerals & Jewelry and in Adult Educational Exhibit Class. Congratulations to Nicole Langland, who won for the juniors and Joanne Hesterman, who won in the adult class. Nicole displayed minerals and mineral carvings, and Joanne displayed a Quartz Family Tree. Both winners received a plaque and are invited to exhibit their display at the Museum for up to six months.

New Donation!

Check out the expanded *New Acquisitions* case! A local collector, John Weber has recently donated a great many beautiful mineral specimens that have been added to the Museum's permanent collection. The collection included world-wide as well as Arizona material. Thank you, John.



Ben Daniels (left) of APS and Doug Sawyer, Director, celebrate the successful delivery of the shovel bucket from the Ray mine. APS sandblasted and coated the bucket for the Department. The 100,000-pound bucket has already become a favorite with visiting school children.

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