

TABLE SHOWING COMPARATIVE MINERAL PRODUCTION 1/
OF LARGE AND SMALL MINING COMPANIES IN ARIZONA IN 1957

Compiled by Arizona Department of Mineral Resources From U.S.B.M.
Area Report, July 23, 1958

Large Mining Companies: 2/		Production	Value
Copper	(lbs.)	1,029,000,000	\$ 309,729,000
Gold	(ozs.)	123,000	4,305,000
Silver	(ozs.)	4,000,000	3,620,000
Molybdenum	(lbs.)	2,385,000	3,071,000
TOTAL VALUE OF LARGE MINE PRODUCTION - - - - -			\$ 320,725,000

Small Mining Companies :			
Copper	(lbs.)	2,708,000	\$ 815,108
Gold	(ozs.)	29,449	1,030,715
Silver	(ozs.)	1,279,323	1,158,054
Lead	(lbs.)	24,882,000	3,558,126
Zinc	(lbs.)	67,810,000	7,865,960
Manganese concentrate (35% or more Mn) (long tons)		80,000	6,626,000
Tungsten concentrate (60% WO ₃ basis) (short tons)		5	8,000
Beryllium concentrate		5	2,000
Mercury (76-pound flasks)		28	7,000
Uranium ore		286,000	6,277,000
Vanadium (recoverable content of ores etc) (lbs.)		81	5/
Lime (short tons)		138,000	2,127
Clays (short tons) 3/		118,000	177,000
Mica (scrap)		2,000	17,000
Perlite (short tons)		16,000	114,000
Pumice (short tons)		397,000	640,000
Sand & Gravel (short tons)		10,287,000	9,222,000
Stone (short tons)		2,101,000	2,982,000
Coal (short tons)		9,000	63,000
Gem Stones		4/	75,000
Gypsum (short tons)		5/	5/
Value of items that cannot be disclosed:			
Asbestos, bentonite, cement, feldspar, fluorspar(1957),			
nitrogen compounds (1957), pyrites (1957), and			
values indicated by footnote 5/.			10,441,000
TOTAL VALUE OF SMALL MINE PRODUCTION 6/ - - - - -			\$ 51,916,000

GRAND TOTAL VALUE OF MINERAL PRODUCTION 6/ - - - - - \$ 372,641,000

PERCENTAGE DUE TO SMALL MINES - - - - - 13.93%

Footnotes:

- 1/ Production as measured by mine shipments, sales, or marketable production (including consumption by producers).
- 2/ Large Copper Producers: Phelps Dodge, Kennecott, Inspiration, Miami, Copper Cities, Magma, San Manuel, A.S. & R. Co's Silver Bell Mine, Pima, and Bagdad.
- 3/ Excludes bentonite; value included with "Items that cannot be disclosed."
- 4/ Weight not recorded.
- 5/ Figure withheld to avoid disclosing individual company confidential data; value included with "Items that cannot be disclosed."
- 6/ Total has been adjusted to eliminate duplication in the value of raw materials used in the manufacture of cement and lime.

FOR RELEASE UPON RECEIPT:

U. S. BUREAU OF MINES REPORTS VALUE OF ARIZONA'S MINERAL
PRODUCTION IN 1957 TO BE \$372,641,000.

The United States Bureau of Mines at Denver, Colorado has just issued an Area Report (No. D-74) on "The Mineral Industry of Arizona, 1957", which presents details of the production and value of the many minerals Arizona produced during the year 1957. In addition to the five chief metals (copper, lead, zinc, gold and silver), Arizona reports the production of seven other metals: beryllium, manganese, mercury, molybdenum, tungsten, uranium and vanadium. The State has also been mining or quarrying notable quantities of non-metallics such as asbestos, bentonite, cement, clays, coal, feldspar, fluorspar, gem stones, lime, nitrogen compounds, gypsum, mica, perlite, pumice, pyrites, sand and gravel, and stone. These 17 non-metallics had an estimated value of \$23,800,000, with sand and gravel constituting more than \$9 millions of it.

Copper production was valued at \$310,544,108, as compared with \$430,021,800 in 1956. The \$120 million decrease was due to the price of copper dropping from an average of 42.5 cents per pound in 1956 to 30.1 cents in 1957.

Lead production was valued at \$3,558,126 as compared with \$3,767,686 in 1956. The average lead price in 1957 was 14.3 cents as compared with 15.7 cents in 1956.

Zinc production was valued at \$7,865,960, as compared with \$7,008,920 in 1956. Zinc prices averaged 11.6 cents in 1957, as compared with 13.7 cents in 1956.

Gold produced in 1957 amounted to 152,449 ounces valued at \$5,335,715. Silver amounted to 5,279,323 ounces valued at \$4,778,054.

80,000 tons of manganese ore and concentrate valued at \$6,626,000 were produced. 286,000 tons of uranium ore worth \$6,277,000 were also produced in 1957.

The Arizona Department of Mineral Resources has segregated the production of the large copper companies, and reports that these companies have produced copper, gold, silver and molybdenum valued at \$320,725,000. Small mines have accounted for production of minerals worth \$51,916,000, or 13.93 percent of Arizona's total mineral production.

The grand total value of Arizona's mineral production is reported to be \$372,641,000, as compared with \$479,550,000 in 1956.

Arizona Department of Mineral Resources

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