PUBLICATIONS OF THE DEPARTMENT OF
MINES AND MINERAL RESOURCES
FROM 1939 TO 1990

Open File Report 90-5
August, 1990

By Diane Bain

Arizona Department of Mines and Mineral Resources
1502 West Washington
Phoenix, Arizona 85007
(602) 255-3795
www.admmr.state.az.us
This report is a serial listing of the publications of the Arizona Department of Mineral Resources (1939-1984) and the Arizona Department of Mines and Mineral Resources (1984-August, 1990). The name change in 1984, to more accurately reflect the Department’s involvement with mining, did not affect the function or the procedures of the Department, so the publications have not been segregated.

All of the publications are available for inspection at the Department’s Phoenix office. Photocopies may be obtained for out-of-print publications.

This report was compiled from a dBase IV™ database and published with Ventura Publisher ®. It is available as a dBase IV™ database or ASCII listing.

DIRECTORIES

Active Mine List, April 1968, 1968, 8 p.
Active Mine List, October 1968, 1968, 8 p.
Directory of County, State and Federal Agencies in Arizona of Interest to Mining, 1974, 12 p.
Consulting Mining, Metallurgical and Geological Engineers and Authorized BLM Surveyors, 1975, 7 p.


D28 - Directory of Active Mines in Arizona - 1986, 13 p., 1 Plate, Scale 1:1,000,000.


D34 - Directory of Active Mines in Arizona, 1988-89, 1988, 13 p., 1 Plate, Scale 1:1,000,000.


D36 - Directory of Active Mines in Arizona, 1989-90, 1989, 13 p., 1 Plate, Scale 1:1,000,000.


CIRCULARS


C 5 - Data Concerning Mining Related State and Federal Agencies, 1989, 5 p.


C 8 - Cobalt, C.J. Hicks, 1980, 7 p.


C12 - Patenting a Mining Claim, 1980, 3 p.

C13 - Pertinent Data for New or Prospective Mining Operations in Arizona, 1989, 4 p.


MINERAL REPORTS

These reports discuss specific mineral commodities or an area of occurrences. The primary purpose of mineral reports is to present deposit descriptions.

Production Possibilities of the Marginal Copper Mines in Arizona, 1941, 102 p.

Preliminary Listing of Prospective Arizona Copper Producers, 1942, 22 p.


Manganese in Arizona, 1958, 5 p.

Bibliography of the Manganese Resources of Arizona, 1959, 3 p.


Bibliography of Coal Deposits in Arizona, 1971, 2 p.


Bibliography of the Manganese Resources of Arizona, 1972, 4 p.


Perlite - Selected References, 1988, 1 p.


MR 3 - Molybdenum Occurrences in Arizona, C.J. Hicks, 1979, 37 p.


**SPECIAL REPORTS**

These are comprehensive reports on topics of special interest in which properties or occurrences are not the primary focus.


Copper Mining in Arizona, F.J. Tuck, 1953, 5 p.


Historical Data and Special Articles Relating to the Copper Industry in Arizona, the United States and the World, 1957, 65 p.


Copper Statistics for 1958 Compared with Other Years, Arizona, the United States and the World, 1959, 21 p.

Copper Industry Statistics for 1959 Compared with Other Years, 1960, 24 p.


Copper Industry Statistics for 1968 Compared with Other Years, Arizona, United States and World, L.R. Brown, Jr., 1969, 31 p.


OPEN FILE REPORTS

These reports have been produced as a part of a continuing series. Certain maps and reports are released in preliminary form to make information available promptly.


MINE OCCURRENCE SERIES

The data in this series was initially compiled by the Arizona Department of Mines and Mineral Resources for the U. S. Bureau of Mines’ Mineral Industry Location System. The data is updated on a continuing basis in a series of county databases known as AZMILS in dBase structured files. Plates are 1:125,000 scale.

MO 1 - Apache County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 18 Plates, Scale 1:125,000.
MO 2 - Cochise County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 9 Plates, Scale 1:125,000.
MO 3 - Coconino County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 28 Plates, Scale 1:125,000.
MO 4 - Gila County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 9 Plates, Scale 1:125,000.
MO 5 - Graham County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 8 Plates, Scale 1:125,000.
MO 6 - Greenlee County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 4 Plates, Scale 1:125,000.
MO 7 - La Paz County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 9 Plates, Scale 1:125,000.
MO 8 - Maricopa County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 11 Plates, Scale 1:125,000.
MO 9 - Mohave County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 20 Plates, Scale 1:125,000.
MO10 - Navajo County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 17 Plates, Scale 1:125,000.
MO11 - Pima County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 12 Plates, Scale 1:125,000.
MO12 - Pinal County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 9 Plates, Scale 1:125,000.
MO13 - Santa Cruz County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 2 Plates, Scale 1:125,000.
MO14 - Yavapai County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 12 Plates, Scale 1:125,000.
MO15 - Yuma County, Arizona Mineral Industry Location System Database, XXXX, 1 Disk, 10 Plates, Scale 1:125,000.
ARIZONA METALLOGENIC MAP SERIES

These maps are generated using primary commodity data from the Arizona Mineral Industry Location System’s database at scales of 1:1,000,000 and 1:125,000. It is planned that this new series will include individual metal commodity maps, along with tables and text, for 16 of the 1 x 2 degree maps that cover southwestern Arizona.


STATISTICAL REPORTS

The information in these reports is predominantly in the form of tables and graphs. The last year a publication was released in this series was 1976. Since that time statistical data on Arizona’s copper industry has been published under the Special Report series.

Tungsten Survey, A.B. Campbell, 1942, 8 p.

Arizona Wage Payments of Covered Employees, 1951, 5 p.


Comparative Values: Arizona Metal Output, Crops and Livestock, Manufacturing, Production, Utilities Revenue, 1951, 1 p.

Comparison of Taxes of the Six Mining Counties with Taxes of the Eight Agricultural Counties, 1951, 5 p.

Final Valuation of All Property Assessed to Producing Mining Properties, 1951, 1 p.


Table Showing Direct State Taxes Paid by Primary Producing Industries, 1951, 3 p.


Arizona Zinc Production, Prices and Values, by Years from 1936-1950 Inclusive, 1951, 1 p.


The Value of Arizona’s Copper, Lead, Zinc, Gold and Silver as They Leave the State, 1952, 2 p.


Arizona Covered Employees and Wage Payments by Major Industries, by Years 1940-1951 Inclusive, 1952, 8 p.


Comparison of Annual Mining Wage Index with Cost of Living Index and Productivity Index Years 1940 and 1951, 1952, 2 p.

Mine Production of Recoverable Copper in the United States in Short Tons, 1952, 3 p.


Comparison of Increase in Cost of Living with Increase in Wages and Output of Arizona Copper Miners, 1953, 5 p.


Arizona Production of Copper, Lead, Zinc, Gold and Silver, Prices, and Values by Years, 1936-1952, Compared with Yearly Averages for Period 1911-1935, 1953, 6 p.


Arizona Mining Industry Taxes Compared to Total Taxes Levied, 1953, 2 p.


Comparative Values of Metal, Livestock and Crop Production in Arizona, Years 1949, 1950 and 1951, 1953, 3 p.


The Lead-Zinc Industry of the United States, Canada and Mexico, 1954, 7 p.


Copper Production in Arizona and the United States, 1955, 3 p.

Mine Production of Copper, Lead, Zinc, Gold and Silver in Arizona, 1955, 1 p.


Arizona Production of Copper, Lead, Zinc, Gold and Silver From 1858-1954 Inclusive, by Years Since 1900, 1955, 6 p.


Assessed Valuations of Each Class of Property in Arizona, by Years From 1951 to 1955 Inclusive, 1956, 3 p.


1956 Assessment of Mining Property, 1956, 4 p.

Final Valuation of All Properties Assessed to Producing Mining Companies for the Year 1956, 1956, 2 p.

Gross Copper Content of All Arizona Copper Ores, 1946-1955, 1956, 5 p.


Devalued Foreign Currencies Used as Trade Weapon to Undersell Copper Produced in United States, 1958, 5 p.

Mine Taxation in Arizona, 1958, 10 p.

Mine Production of Gold, Silver, Copper, Lead, and Zinc in Arizona, in the Year 1956, 1958, 1 p.


Average Prices of Selected Mineral Commodities in Arizona, 1956-57, 1958, 1 p.

Table Showing Comparative Mineral Production of Large and Small Mining Companies in Arizona in 1957, 1958, 1 p.

Mine Production of Uranium Ore in Arizona During Fiscal Year 1956, 1958, 1 p.


Estimated Employment, Weekly Hours, Hourly and Weekly Earnings in Arizona Copper Mining from 1951-1956, 1958, 1 p.

Summary of Refined Copper Statistics Reported by Members of the Copper Institute, by Months and Six-Month Periods, 1958, 2 p.


Final Valuation of All Properties Assessed to Producing Mining Companies for the Year 1959, 1959, 2 p.

Arizona Mine Production of Copper, Lead, Zinc, Gold and Silver, 1858-1958, 1959, 1 p.

Inventory of Arizona Lands as of June 30, 1958, 1959, 5 p.


Mineral Production of Large and Small Producers in Arizona in 1958, 1959, 1 p.


U.S. Copper Statistics for First Six Months of 1959 Compared with Annual Figures for Other Years, 1959, 9 p.


Mine Taxation in Arizona, 1959, 10 p.

Gross Copper Content of All Arizona Copper Ores and Copper Recovered From All Arizona Copper Ores, 1949-1958, Comparative Copper Recoveries


Final Valuation of All Properties Assessed to Producing Mining Companies for the Year 1960, 1960, 2 p.


Inventory of Arizona Lands as of June 30, 1960, 1960, 8 p.


World Copper Production and World Consumption of Refined Copper, F.J. Tuck, 1965, 2 p.


Copper Production Record of Large Arizona Copper Mines, Years 1963 and 1964, 1965, 1 p.


Copper Production Record of Large Arizona Copper Mines, Years 1967 and 1968, 1969, 2 p.


Arizona Leach Copper Production, 1970, 1 p.


Gold and Silver Statistics for 1970, 1971 (Preliminary), and Other Years, F.P. Knight, 1972, 23 p.


MISCELLANEOUS PUBLICATIONS

The Dependency of Arizona on the Copper Industry, 1939, 63 p.


The Dependence of Arizona on the Mining Industry, 1940, 46 p.

The Dependency of Arizona on the Copper Industry, 1946, 71 p.

Mining in Arizona, 1946, 16 p.

Is the Arizona Mining Industry Slipping?, 1951, 5 p.

The Relation of Arizona’s Mining Industry to Power Development in the State, 1952, 5 p.


Copper Mining in Arizona, F.J. Tuck, 1952, 4 p.


The Story of Bisbee, 1952, 7 p.

Story of the Morenci Orebody, 1952, 7 p.

Story of New Cornelia, 1952, 4 p.

The Story of the Miami-Inspiration Copper District, 1952, 7 p.


Mining’s Part in Arizona’s Economy, 1952, 7 p.

Copper and Aluminum, 1952, 6 p.

A Story of the Conversion of Copper Rock to Copper Metal, 1952, 4 p.


History of Mining in Arizona, 1955, 34 p.

The Importance of Copper Mining to the State of Arizona, 1955, 4 p.


The Importance of Copper Mining to the State of Arizona, 1957, 4 p.

Information for Prospective Shippers of Arizona Copper-Lead-Zinc Ores and Concentrates, 1958, 5 p.

A Fair Price for Copper, 1958, 3 p.

Addenda to Copper Tariff Brochure, # 1, 1958, 32 p.

Addenda to Copper Tariff Brochure, # 2, 1958, 27 p.

Sizing Up the Present Copper Situation by Recalling the Conditions of the Past, 1959, 5 p.

Productivity in Arizona Copper Mining Has Not Kept Pace with Increase in Wages, 1959, 1 p.

Peril Point for Copper, 1959, 8 p.

Digest of “Severance Taxes” as Discussed by A.B. Parsons, Consulting Engineer, in “Taxation of Mining Enterprise”, 1959, 14 p.

Gold Today, T. Lane, 1960, 7 p.

Copper Mining in Arizona, 1960, 5 p.


Copper Tariff History, 1960, 4 p.


Copper Excise Taxes and Peril Point for Copper, 1962, 5 p.


Bibliography of Tombstone Mining District, 1969, 3 p.


Types of Placer Deposits, 1985, 2 p.

The Ultraviolet Lamp as a Prospecting Tool, 1986, 3 p.


Filing Claims on Public Lands, 1988, 2 p.
ANNUAL REPORTS

These reports are prepared by the Director and submitted to the Governor of Arizona as required by Arizona statute. They describe the activity of the Department during the previous fiscal year.

AR 4 - Fourth Annual Report, J.S. Coupal, 1943, 44 p.
AR 5 - Fifth Annual Report, J.S. Coupal, 1944, 46 p.