



Arizona Department of Mines and Mineral Resources

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Services and Help from the Arizona Department of Mines and Mineral Resources

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By Ken A. Phillips, Chief Engineer

Arizona Department of Mines and Mineral Resources is many different things to different people. We are a service agency and neither regulate, tax, nor require any registration.

The objective of the Arizona Department of Mines and Mineral Resources is to promote the development of Arizona's mineral resources and mineral related industries.

The clientele of the Arizona Department of Mines and Mineral Resources is indeed varied. Thus the agency provides many different services tailored to meet the different needs of the public.

For the **PUBLIC** we:

1. Publish a number of Special Reports, Directories, Circulars, Mineral Reports, handouts and examples such as: *Laws and Regulations Governing Mineral Rights in Arizona*, *Directory of Active Mines*, *Molybdenum Occurrences in Arizona*, *The Primary Copper Industry of Arizona*, *Prospecting for Barite* and many more. (See our list of available publications.)
2. Hold conferences and seminars on many subjects including mining claim staking, processing gold ore, prospecting methods, mineral identification, beryl, placer deposits and much more. Conferences and seminars are held throughout the state.
3. Are a mining and mineral information bureau.
4. Are a source of technical expertise to answer questions, identify samples, provide public speakers and publish data.

5. Maintain the Arizona Mineral Museum which:

- Displays and preserves one of the largest and finest mineral collections in the West.
- Identifies minerals for the public.
- Publishes earth science club directories, lists of mineral shows and provides guides to collecting areas.
- Provides loan displays for public institutions.
- Includes technical displays for prospectors and geologists.
- Provides information, demonstrations, and displays on the lapidary arts.

To the **PROSPECTOR** we are:

1. Able and willing to be their field expert, providing mineral and rock identification, guidance in prospecting, developing, selling or leasing their property and provide information on legal matters.
2. Available to suggest possible areas and commodities for prospecting.
3. Available to suggest buyers and sources of financing.
4. Available to make field visits to properties to gather data for our permanent files and to provide on-site suggestions for further work.
5. Able to provide historic file data on mines and prospects.

To the **SMALL MINE OPERATOR** we:

1. Recommend improved operating methods.
2. Suggest other operations that may provide helpful examples.
3. Refer problems to the U.S. Bureau of Mines for solution.
4. Are a supportive friend in a world of negative public attitudes and government regulations.
5. Recommend custom mills and ore buyers.

To the **POTENTIAL INVESTOR** we:

1. Suggest consultants to analyze the investment for them.
2. Provide sufficient basic information so that they can make more intelligent decisions.

To **EXPLORATION** companies we:

1. Provide file data on past mines, prospects and projects.
2. Suggest target areas for exploration projects.
3. Suggest prospects and individual properties for study and acquisition.

To **SCHOOLS** we provide:

1. Mineral museum tours and programs.
2. Mining and mineral resource information for school and student projects.

To **MINERAL COMMODITY CONSUMERS** we :

1. Suggest sources of supply in Arizona.
2. Suggest mines, prospects and occurrences that might be purchased, investigated, or developed as a source of supply.

3. Provide status of mines that might supply mineral commodities.

To **MINING EQUIPMENT SUPPLIERS** we offer:

1. Directories of operations and activities (possible customers).
2. Current status of operations and developments.

To **LIBRARIES** we supply:

1. Extra copies of mining references and key publications.
2. Answers to mineral and mining related questions.
3. Data and copies to the interlibrary loan program.

To **GOVERNMENT PLANNERS** we provide:

1. Testimony at public hearings in support of multiple land use and mineral resource development.
2. Data on the past, present and future status of mineral resource occurrences and mineral related developments.

To the **INDUSTRY and MINE DEVELOPERS** we provide:

1. Information on the development environment in Arizona.
2. Information on deposits with potential for development.
3. Directories of county, state and federal agencies related to mining.

To **ECONOMISTS** we provide:

1. Statistics on past and present mineral production.
2. Data on the economic impact of the mineral resources industry including prospecting, development, mining and mineral related hobbies.