OFFICIAL FILE

37TH

ANNUAL
REPORT

ARIZONA DEPARTMENT OF MINERAL RESOURCES

and

ARIZONA MINERAL MUSEUM

Fiscal Year 1975 - 1976

Mineral Building - Fairgrounds Phoenix, Arizona 85007

JOHN H. JETT DIRECTOR



DEPARTMENT OF MINERAL RESOURCES

MINERAL BUILDING, FAIRGROUNDS PHOENIX, ARIZONA 85007

602/271-3791

October 25, 1976

Honorable Raul H. Castro Governor of Arizona State House Phoenix, Arizona 85007

Dear Governor Castro:

In accordance with ARS 27-106, we are pleased to submit the annual report of the Department of Mineral Resources and the Arizona Mineral Museum. The report covers the Department's and the Museum's activities for 1975-1976, the quarterly reports of the Director, and a complete financial statement, all as required by ARS 27-106.

Respectfully,

BOARD OF GOVERNORS, DEPARTMENT OF MINERAL RESOURCES ARIZONA MINERAL MUSEUM

Walter E. Heinrichs, Jr.,
Chairman
Ronald F. Teissere, Vice Chairman
A. J. Perry
Curtis J. Ritter
(Mrs.) Anne Chesley

BOARD OF GOVERNORS

Walter E. Heinrichs, Jr. - Chairman - Tucson (Term expires January 31, 1977)

Ronald F. Teissere - Tucson Vice Chairman (Term expires January 31, 1978)

Curtis J. Ritter - Kirkland (Term expires January 31, 1980)

A. J. Perry - Tucson (Term expires January 31, 1979)

(Mrs.) Anne Chesley - Globe (Term expires January 31, 1981)

STAFF PERSONNEL

Director

Phoenix Office - Mineral Building, Fairgrounds - 271-3791

John H. Jett
Pennie Paynich
Glen Walker
Ken A. Phillips
Glenn A. Miller
Mrs. Judy McClish
Mrs. Gina Schillereff
Aleta Phillips

William H. Hammers

Administrative Assistant
Field Engineer
Field Engineer
Mineral Resources Specialist
Bookkeeper/Secretary
Secretary
Secretary
Custodian

Tucson Office - Room 208, State Office Building - 882-5399

Gerald W. Irvin Vernon B. Dale

Field Engineer Field Engineer

Mineral Museum - Mineral Building, Fairgrounds - 271-3791

Arthur W. Bloyd

Curator

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DEPARTMENT OF MINERAL RESOURCES

HIGHLIGHTS - FISCAL YEAR 1975 - 1976

The annual report of the Department must include the quarterly reports of the Director. These reports are based on the activities of the Department. The statistical reports of activities and publications have been consolidated into one each annual report. Some highlights of the Department's activities are abstracted from the quarterly reports.

William T. Elsing's five-year term as a Member of the Board of Governors expired on January 31, 1976. Governor Castro appointed Mrs. Anne Chesley of Globe, to fill the vacancy. Her term will expire January 31, 1981.

Three new staff members were added. The Curatorial Aide from the Museum (position not funded in the new budget), was transferred to the Department, filling a vacancy created by a promotion, and a new Administrative Assistant was added. The two vacant positions resulted from retirements.

A new Mineral Resources Specialist was added to the staff to fill a vacancy created by an internal promotion. The new staff member is a geologist and archaeologist. These are new qualifications in the Department. The vacancy was created by promoting the existing employee to a geologist, underfilling a mining engineer staff position. This, again, is a new title in the office.

A summation of assistance to other governmental agencies included: Department of the Interior, Internal Revenue Service, Bureau of Mines, the Council on Environmental Quality, Arizona's U.S. Senators. county agencies in Maricopa, Pima, and Mohave Counties, Phoenix Police Department and State agencies, including the Department of Health Services, Securities Division of the Corporation Commission, Economic Protection Division of the Attorney General's office, Office of Tourism, the Property Valuation Division of the Department of Revenue, State Board of Tax Appeals, and the Attorney General's office, the last three on mine valuation. One request for assistance came from the Royal Canadian Mounted Police.

The Department provided response to the Arizona Water Commission on the Lower Queen Creek Watershed, Proposed Power Power Lines, U. S. Bureau of Mines' Wilderness Study Groups on Cabeza Prieta and Kofa, Arizona Public Service' pumped storage, BLM management on Silver Bell, House Rock Valley - Paria Plateau study, Coronado National Monument and numerous other miscellaneous projects adverse to mineral activities.

The Director, in addition to technical and other meetings, is a Member of and participated in the Financial Advisory Group, Governor's Commission on Arizona Environment, Bureau of Land Management State Advisory Board, Interagency Coordinating Council, Interagency Energy Planning Office, Subcommittee on Land Use Planning, American Mining Congress, Western Governors' Mining Advisory Committee, official of State Mining Association and Director of State AIME.

Other miscellaneous activities included conclusion of Minerals Availabilty System Study, large contributions of books and publications to the Arizona College of Technology, the loan of an Arrastre and an antique Model "A" engine-compressor to the Arizona College of Technology, assistance to the Los Angeles Office of the Federal Public Defender's Office, the Los Angeles Office of the Federal Public Defender's Office, the Los Angeles Office of the Federal Prosecutor, and several out-of-state universities.

The Department evaluated a proposed mining tourism project for the Governor's office. That project involved an underground mine tour.

An important project of plotting the Department's mine files was started. When the project is completed, county maps will be available, showing location of the Department's files. This will be a most valuable tool when completed.

A year-end Statement of Expenditures is included. There are no large deviations. Personnel Services and Employee-Related monies that were not expended, resulted from the replacement of retired personnel with new employees at a lower pay scale. The out-of-state travel surplus resulted from last minute illness of a Field Engineer the day he was to attend the Western Mining Conference in Denver, Colorado.

MINERAL MUSEUM

This was the first year for the Mineral Museum to be funded (for personnel) by the State. Due to economic conditions, a Curatorial Aide was not funded. The Curator and some part-time seasonal workers were funded.

The seasonal workers were used to open the Museum on week-ends, during the State Fair and at special events. In addition, they made up mineral study kits to present to teachers, labeled and catalogued hundreds of specimens and did remodeling work. No mineral specimens donated to the Museum had been catalogued for an estimated 15 years. There are probably two or three thousand.

A carbide lamp display for the Arizona Historical Society, five cabinets of minerals for the House of Representatives, a large specimen in the Governor's office, a display for Patagonia State Park, and a special memento made for the Governor to give to a visitor from a foreign country, were some of the unusual activities of the Museum.

The Arizona Archaeological Society created a display for the Museum.

The actual workload is shown on the statistics page.



DEPARTMENT OF MINERAL RESOURCES

MINERAL BUILDING, FAIRGROUNDS PHOENIX, ARIZONA 85007

ACTIVITIES REPORT FOR THE FIRST QUARTER

FISCAL YEAR 1975 - 1976

Personnel changes was a large item of activity this quarter. The Administrative Assistant and Bookkeeper (Secretary III) retired. One engineer retired a little earlier. This left the Department quite short-handed. The Curatorial Aide and the Clerk's positions in the Museum were not funded. By working with the Personnel Commission, we were able to transfer the Curatorial Aide into the Department as a Secretary II. This position had become vacant when we moved one of the Secretary II's into the vacant Bookkeeper position. The remaining two vacant positions were filled by the end of the quarter. Personnel Commission rules and procedures were followed at all times. There were 20 applicants for the two positions. 18 were interviewed. 2 withdrew.

A project of plotting the mine reports in our files on a large map was started. Budget requests for 1976-1977 were made up and submitted. Work continued on the Minerals Availability System. However, it was seriously curtailed by resignation of one contractor, temporary withdrawal by the second contractor, and a long, serious illness of the engineer in charge.

The Director was appointed to the State Bureau of Land Management Advisory Board. In addition, he was appointed to two new advisory agencies for the Governor, one is the Interagency Energy Planning Office and the other one is the State Planning and Coordinating Committee. The latter Committee is composed chiefly of agencies that receive Federal funds.

Considerable time was spent discussing mine evaluation and appraisal with a analyst with the State Board of Tax Appeals, and with a consultant to the Property Valuation Division. He was studying techniques and methods only.

A new telephone system was installed. We are now on the state system. We have three incoming lines, with a fourth reserved for the future.

One of the engineers spent considerable time with Mohave ASMOA and a Board of Supervisors' Member on possibilities of a custom mill in the area; more work will be done.

1st Qtr. Rpt. - FY 1975-1976 November 10, 1976

Some of the more unusual items or projects worked on included the following: milling slag from old Spanish smelter, electrostatic separation plant, slusher ramps, sluice box, riffle design, pottery clay, adobe claim for brick, heal-leach silver, smelter slag for rock wool, pumice mining and bagging plant, inclined hoists, adit timbering, black granite for ornamental stone, lime plant design and head-frame design.

Assistance was given to the Attorney General's office, Corporation Commission, a U.S. Senator's office, Gold Prospectors Association, Arizona Prospectors Association, ASMOA, United Mining Council and various social and civic organizations.

MINERAL MUSEUM

Getting ready for the State Fair was the big project for the quarter. The Museum kept the same hours as the Fair. This required extra hours of work each day, plus week-ends. The Curator was able to obtain the services of 24 volunteers for this extra work.

A display was put together for the Arizona Historical Society, work continued on remodeling, painting and new lighting for display cases. Maps and instruction sheets were prepared for four field trips, clean-up of balcony, labeling and marking specimens were all activities of the Museum. We are using seasonal employees for some of this work. The Museum resumed week-end hours of 1 to 5 PM in December. We hope to continue these hours.



DEPARTMENT OF MINERAL RESOURCES

MINERAL BUILDING, FAIRGROUNDS PHOENIX, ARIZONA 85007

ACTIVITIES REPORT FOR THE SECOND QUARTER

FISCAL YEAR 1975 - 1976

Two new employees were added to the staff to fill vacancies. Miss Pennie Paynich filled the Administrative Assistant position. Mr. Glenn Miller transferred from the State Parks Department to the position of Mineral Resources Specialist.

Very little work was done on the MAS project this quarter. However, an additional geologist was contracted, and he will work on the asbestos portion. A 90-day extension of time has been requested.

Many meetings were attended by the Director and staff engineers. They attended as members and/or participants. The meetings were as follows: Finance Advisory Committee to JLBC financial analyst, State BLM Advisory Board, Governor's Commission on Arizona Environment, State and Section AIME, Councils of ASMOA, SMEA, AIPG, Interagency Energy Planning Committee, Land Use Planning subcommittee of Interagency Coordinating Council, Oil and Gas Commission (geologic mapping), American Mining Congress and United Mining Council, Arizona chapter.

Vernon Dale was called on many times for his appraisal expertise by the Pima Assessor's office, State Valuation Department, Tax Appeals Board, Attorney General's office, and some private consultants and other individuals seeking knowledge and assistance.

A trip was made to a chemical refinery located at Tucson Airport. The Arizona Bureau of Mines' metallurgists were invited to accompany us. Samples of the feed, in process material, calcines and leached residue were taken by ABM. They were later assayed. The owner of the process stated later (in Phoenix Office) that he was going to erect five plants in the State.

Data was assembled and provided to the Arizona Water Commission on the mineral resources of Lower Queen Creek Watershed. In addition, the following projects were studied and data submitted: Proposed power lines from Davis Dam, railroad right-of-way, U. S. Bureau of Mines' Wilderness study group for the Cabeza Prieta and the KOFA, Coronado National Monument, pumped storage project, and replied to approximately 135 Federal Grant applications from the State Clearinghouse, Southern California Edison, Dames and Moore, and Wirth and Associates, were some of the groups requesting data.

Meetings were held with a Mohave County supervisor and staff members on a proposed custom mill for the county. We have offered technical help, but requested they provide clerical help and expense monies. 2nd Qtr. Rpt. - FY 1975 - 1976 January 14, 1976

An article was written for publication and possibly later for lectures on a small experimental cyanide plant in Mohave County. A resume of the Water Rights Filing Act was written for a newspaper publisher.

There was a large number of inquiries for possible custom mill sites and placer operations. Most of the inquiries were from out of State with several from Canada. Many additional requests for mining and geological information were received by mail and personal visits from Canadians - one was from the West Indies.

One engineer investigated methods of handling numerous large boulders in a small placer operation.

Other miscellaneous activities and discussions, other than routine assistance on properties were, mining, geology, processing, marketing, land status, etc., and included requests for assistance from a DECA group, evaluation of proposed legislation, films loaned for career counseling, displays from SMEA, Yuma and Strip District BLM nominations, Burro Creek contamination downstream from Cyprus Bagdad, release of withdrawn areas in Muggins Mountains, assaying field trips, obtaining an arrastre for the Arizona College of Technology and presenting a series of lectures to Arizona Gold Prospectors groups.

Considerable work was done on silica evaluation. General Electric wants a pure silica for a silicon plant. Samples have been taken and forwarded to General Electric Company. Samples were run on the spectrograph for contaminants.

An interesting mining operation has started recently. The company is mining and processing a "kitty litter." It is being marketed locally.

MINERAL MUSEUM

The Mineral Museum continued with the monumental task of numbering and indexing hundreds of specimens that have been neglected for years. Many new specimens were donated to the Museum.

The Museum was funded for a Curator only. The Curatorial Aide was transferred to the Department of Mineral Resources and the part-time workers have been terminated for the time being. This resulted in the Museum being closed on week-ends and a reduction in the number of programs presented. It is hoped that by operating the Department in a most conservative manner, some monies can be used for these workers.

Mineral displays are being put together for the Patagonia State Park, Arizona College of Technology, Phoenix Museum of History, and study sets for science teachers. An arrastre donated to the Department by Vernon Dale was loaned to the Arizona College of Technology.

2nd Qtr. Rpt. - FY 1975 - 1976 January 14, 1976

In anticipation of the State Fair, many display cases were reworked and painted. A display case was provided to the Arizona Archaeological Society for a display. The Sand and Gravel display was re-worked. Assistance was given to a TV cameraman to film in the Museum. A turquoise program was presented to the Casa Grande WAIME.



DEPARTMENT OF MINERAL RESOURCES

MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007

ACTIVITIES REPORT FOR THE THIRD QUARTER

FISCAL YEAR 1975 - 1976

An effort was made to reduce the number of lectures and presentations made by the Director and staff engineers. Lectures were presented at Grand Canyon College, Pinal County AIME Sub-section, Arizona Prospector's Association, Gold'Prospector's Association, and Consolidated Mines Association.

Meetings attended by the technical staff and the Director included: Geology Symposium, Interagency Energy Planning Committee, Hearings on Senate Bill 1340 and House Bill 2072, the Governor's Commission on Arizona Environment, Financial Advisory Committee, annual AIME, BLM State Advisory Board, Gila Valley Gem and Mineral Show, and the Tucson Gem and Mineral Show. In addition to those listed, attendance at regularly scheduled local AIME, ASMOA and SMEA meetings were made.

Board Member Walter Heinrichs and the Director held a special meeting with the Arizona Director of the Bureau of Land Management and some of his staff. The meeting was to discuss the release of the Muggins Mountain area for mineral entry. An official written request was later submitted.

Written statements were prepared for a number of Environmental Impact Studies. Two detailed studies were prepared and submitted relating to the Coronado National Monument and the House Rock Valley-Paria Plateau area.

Some unusual conferences were held with representatives of the Council on Environmental Quality (Washington, D.C.), Postal Inspector's office from Los Angeles, the Public Defender's office from Los Angeles (relating to an alleged Arizona mining fraud), a meeting with Representative Hays and Senator Tenney, at their request, on a matter concerning the Mohave County Board of Supervisors, Roe Fox of Sheldon & Fox of Salt Lake City, to obtain copies of reports his firm made for the Indians relating to minerals, 1976-77 Departmental Budget hearings, and accompanied members of the Phoenix Police Department on a trip to mining properties on behalf of the Royal Canadian Mounted Police.

Considerable time was spent with members of the Arizona Tax Appeals Commission, the Pima County Recorder's office, and with staff members of the Securities Division of the Arizona Corporation Commission.

3rd Qtr. - FY 1975-1976 April 29, 1976

Mohave County received \$23,000 in Federal CETA funds for a mineral study. Field Engineer Vernon Dale was requested to take charge of the project. He will devote no more than one-half of his time to the project. His expenses will be paid by Mohave County. The project should be completed by October, 1976.

The National Gypsum Company asked the Department to obtain some Ettringite for them for test work. It only is known to exist in the Lucky Cuss Mine and inaccessible at this time. We finally had National Gypsum contact the mine owners direct to see if they could get a positive response.

Great Western Silica Company is building a Plant in Chandler, Arizona. We could not interest them at all in an Arizona source for Silica. The company was very secretive and would not give out information on their raw material supply.

Foote Mineral Company is quite interested in potential Lithium-bearing properties in Arizona.

The "Cat Paws" kitty litter mine is still operating near Wickenburg. ASARCO accepted two carloads of lead ore from a local mine. This is encouraging for the small miner.

Uranium prospecting activity was a major item. Some of the companies involved included Brown Drilling Company, Nuclear Assurance, Inc. (Georgia), Public Service Company of Oklahoma, Burma Oil Company, Freeport Minerals Company, Kerr-McGee, Rocky Mountain Energy Corporation, Wyoming Minerals Corporation, Exxon and NUEXCO. Four small miner meetings were set up for NUEXCO. They met with the miners and made presentations on the new status of Uranium in the United States today. Follow-up meetings are planned with Wyoming Minerals Corporation, UOCO and any other companies interested. The purpose of the project is to establish custom buying stations, centralized leaching operations or a similar type custom activity.

The engineers' advice and/or assistance was requested on ninety-six (96) different properties from our files and discussed twenty-six (26) different commodities, cyanidation, placer mining, geo-thermal activity, plus other mining and geological activities.

The Department's files were researched for more than 150 visitors that were assisted by the office staff, in addition to the engineers' activities.

A Statement of Expenditures is attached. Fixed costs for the fourth quarter were estimated. A balance of \$500 is available for supplies and emergencies. Due to possible large expenditure to turn on the air conditioning units, all purchase orders were discontinued until May.

3rd Qtr. - FY 1975 - 1976 April 29, 1976

MINERAL MUSEUM

The Museum Curator presented 14 individual programs away from the Museum to 968 people. In addition, there were lectures and tours for 43 school classes with 2,117 attending.

An old carbide lamp display was installed in the Phoenix office of the Arizona Historical Society. A display of fossil fuels and uranium was created and set up at the Valley Bank Center. It was reported that 9,000 people saw the display. Work was done with the Consumers' Fraud Division of the Attorney General's office, volunteers were recruited and worked to keep the Museum open for the Maricopa County Fair. State Tourism Division meetings were attended, and several donations were received. One donation was a Model "A" engine converted into a compressor for small mine operators.

Work was started on a display for the Arizona House of Representatives, and contact was made to try and put a display in the Governor's reception offices.



DEPARTMENT OF MINERAL RESOURCES

MINERAL BUILDING, FAIRGROUNDS PHOENIX, ARIZONA 85007

ACTIVITIES REPORT FOR THE FOURTH QUARTER

FISCAL YEAR 1975 - 1976

The Minerals Availability Study for the U. S. Bureau of Mines was completed this quarter. All geological reports and coded data was submitted. Closing financial statements will be submitted later.

The feasibility study for a custom mill in Mohave County was started. The Department is furnishing an engineer half-time to do the study. It is financed with Federal funds obtained by Mohave County Board of Supervisors.

Approximately 300 publications (USGS books, R.I.'s, I.C.'s, ABM, trade journals and such) all surplus to the Department was given to the Arizona College of Technology.

Programs were presented through Career Service of Greenway High School. Unusual contacts with the Director was made by the IRS in Washington, D.C., University of Illinois on a smelter study, State Health Department, Department of Interior, Washington D.C. on tailings, research facility in Florida on Flagstaff cinders, Federal Public Defender's office in Los Angeles, Department of Commerce, Washington, D.C., Bureau of Mines in Denver for assistance on manganese properties, consultants from Colorado on uranium in tailings of worked out base metal mines, Federal Prosecutor's office in Los Angeles, and Phoenix Police Department.

BLM hearings on Silver Bell Unit were attended.

Unusual organizations consulting with the engineers included Maricopa County Planning office, Bendix Field Engineering Company, Arizona Public Service, Overland Finance Company, Newport Trust Company, Plastic Production Machine and Tool Company, Defiance College, Arizona Pioneer Museum, Barringer Research and National Gypsum Company.

Field engineering assistance was requested on gold trommels, cyaniding plant, silver electroplating, sampling and other miscellaneous activities.

Alumina clay samples were collected for Du Pont, Talc was sampled for a Minnesota firm, and serpentine was sampled for an out-of-State ceramic firm.

An exhibit was set up at Arizona Sun Sites and lectures were given to adults and school children. Programs were also given at YMCA, Luke Air Force Base, plus several grade schools.

The Governor's office requested we evaluate a mining tunnel proposal the City of Bisbee submitted for Federal funds, to expand their tourist underground trip. An engineer met with all concerned, visited the site, studied the proposal and submitted a report.

4th Qtr. - FY 1975-1976 July 23, 1976

A special visit was made and a report was written on a property. The activity resulted from an inquiry from the Governor's office.

The plotting of the Department's files has been accelerated. The Arizona Bureau of Mines continued the micro-filming of the Department's files. The job is more than half completed.

MINERAL MUSEUM

The Curator presented twelve programs to 890 people away from the Museum. The Pinal County AIME subsection and the Mining Museum in Bisbee were included. Four mineral identification kits for teachers were made and presented to the teachers. Five displays were completed and put on display in the Arizona House of Representatives building. A special display of energy minerals was put together and displayed at the Valley Center. A trip was made to Bagdad to obtain a specimen to be made into a presentation by Governor Castro to the President of Sudan. Cyprus Bagdad was most cooperative, and an excellent memento was made.

STATISTICS - MINERAL RESOURCES

	OFFICE VISITORS	INCOMING TELEPHONE CALLS
Tucson	828	824
Phoenix	1,518	4,336
Total	2,346	5,160

ENGINEERS' STATISTICS

The Engineers:

Consulted with 1,145 visitors

Had 2,265 telephone requests for assistance

Made 154 field contacts

Made 201 mine visits

Wrote 21 mine reports and 201 letters

Attended 64 meetings

Discussed approximately 400 properties, and

Presented 9 programs.

STATISTICS - MUSEUM

Telephone Calls	829	
Mineral Identification (Visual-Acid and Spectroscope)	1,101	
Field Trip Information	729	
Conferences	356	
Letters Sent	139	
Mineral Cards Mailed	161	
Attendance: 32 Clubs 715 119 Schools 5,286 General 11,819	17,820	
Special Programs - Curator		
8 at Museum 186 32 away from Museum <u>2,383</u>	2,569	
Special Energy Display Attendance (Est.)	9,000	
State Fair (counted)	29,816	
Total Contacts	59,205	

PUBLICATIONS

REPORTS	NO. OF PAGES	NO. OF COPIES
Annual Report	21	125
Copper Industry (1st Edition)	24	250
Copper Industry (2nd Edition)	35	206
Copper and Molybdenum	2	25
DIRECTORIES		
Active Mines	28	688
Agencies of Interest to Mining	14	450
Consulting Engineers	7	139
Earth Sciences Clubs (1st Edition)	10	50
Earth Sciences Clubs (2nd Edition)	14	350
Exploration Companies	6	1,000
Information Request for Directories	3	65
MISCELLANEOUS		
Apache Tear Tumbling Instructions	1	250
Assayers and Assay Offices	2	250
Bibliography - Lost Mines	2	235
Book List	3	260
Field Trip Information	1	120
Mineral Museum Treasure Hunt	1	200
Mineral Museum Treasure Hunt (Reprint)	1	300
Possible Buyers of Gold	3	250

PUBLICATIONS (Cont'd.)

MISCELLANEOUS	NO. OF PAGES	NO OF COPIES
Price List - Publications	1	200
Registered Engineer Data Sheet	1	230

NEWS RELEASES

Ten news releases, one or two pages each, were prepared and distributed. Distribution involved from 30 to 170 publications.

STATEMENT OF EXPENDITURES

APPROPRIATION - Fiscal Year 1975 - 1976		\$ 217,900.00
EXPENDITURES:		
Personal Services \$ Employee Related Expenditures Travel - In State Travel - Out-of-State	161,970.63 23,336.45 8,994.28 902.20	
Other Operating Expenditures		
Utilities Mtnce. & Supplies Telephone Subscripts., Dues & Publications Insurance Postage Fees, Registrations & Notary Rent Office Supplies Other Supplies Advertising - Yellow Pages (Museum)	3,114.43 1,588.83 3,287.17 1,259.37 7.00 674.18 132.50 1,496.00 1,516.61 111.47 26.25	
Capital Outlay - Equipment	562.10	
TOTAL EXPENDITURES		208,979.47
Balance - Returned to General Fund		8,920.53
TOTAL APPROPRIATION		\$ 217,900.00

DEPARTMENT OF MINERAL RESOURCES MINERAL BUILDING - FAIRGROUNDS PHOENIX, ARIZONA 85007

THIRD CLASS