



## **CONTACT INFORMATION**

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MARICOPA MICA

ALTERNATE NAMES:  
LEMON MICA

MARICOPA COUNTY MILS NUMBER: 462

LOCATION: TOWNSHIP 4 S RANGE 4 W SECTION 7 QUARTER NW  
LATITUDE: N 33DEG 05MIN 55SEC LONGITUDE: W 112DEG 43MIN 07SEC  
TOPO MAP NAME: COTTON CENTER - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
MICA MUSCOVITE  
MILL RUINS ONLY

BIBLIOGRAPHY:  
ADMMR MARICOPA MICA FILE  
BOOKS OF MUSCOVITE RARELY EXCEED 1" DIAMETER

MARICOPA MICA

MARICOPA

John Lemons visited office regarding his mica deposit north of Gila Bend. Buckeye Mica has taken it over and are constructing a mill. FTJ WR 10/4/68

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Dan McLeod, of Buckeye Mica has about four miners mining Lemons property. FTJ WR 2/6/70

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Mr. Lemons then wanted to show his scrap mica claims which are about  $1\frac{1}{2}$  miles south of Gillespie Dam in the Gila Bend Mountains. There are a great number of various sized quartz-mica pigmatites trending through coarse granite  $N35^{\circ}-40^{\circ}E$  and dipping  $NW 60^{\circ}-80^{\circ}$ . Several years ago the Buckeye Mica Company had a small crushing and screening plant on one of these dikes which is from 5-15 feet in width. Perhaps 200 tons of material was removed from a side hill cut 20 feet high by 50-60 feet long; most of this material, however, was waste, therefore, the project failed. Mr. Lemons states that several samples of this and other dikes average 15% mica, the books of which are rarely more than 1" in diameter, the average being much less. GW WR 1/18/73

4/3/68

F. T. Johnson spoke with Mr. Lemon when he visited the office on April 3, 1968 - Mr. Lemon said that the property he called the Lemon Mica property is now called the Maricopa Mica (file)



THE UNIVERSITY OF ARIZONA  
TUCSON, ARIZONA 85721

ARIZONA BUREAU OF MINES

TEL. (602) 884-2733

January 28, 1971

Mr. John C. Lemons  
1916 South 20th Street  
Phoenix, Arizona

SAMPLE NO. 53152

Dear Mr. Lemons:

The sample submitted to the Arizona Bureau of Mines is predominantly sericite (fine grained variety of muscovite mica) with some quartz, feldspar (common rock forming mineral) and limonite (hydrous iron oxide).

The type material submitted would have to be ground and most of the quartz, feldspar and limonite removed for most uses as ground mica.

Depending on quality and use the approximate price for micas are as follows: wet ground, \$150 per ton; dry ground mica, \$50 per ton, and scrap mica \$30 dollars per ton. Scrap mica goes principally into production of ground mica.

Payments for mica, when mica is used fo making roofing material, can run as low as \$5.00 per ton and for making wallpaper as high as \$150 per ton.

When one is trying to sell mica he has to find his own market for the product he produces as each user of mica has his own set of specifications.

The Buckeye Mica Company, 228 Eastern Avenue, Buckeye, Arizona, is the only mica processing company in Arizona. There are some Arizona mine operators who mine and sell their product to this company.

We are enclosing a list of possible mica buyers.

I hope this information is of help.

Yours very truly,

*Robert T. O'Haire*

Robert T. O'Haire  
Associate Mineralogist

RTO:krs  
Enclosure

ARIZONA DEPARTMENT OF MINER. RES. JRCES  
Mineral Building, Fairgrounds  
Phoenix, Arizona

1. Information from: John Lemons  
Address: Phoenix
2. Mine: Lemon mica property 3. No. of Claims - Patented \_\_\_\_\_  
Unpatented ✓ 720. P
4. Location: 1/4 mile west of airport or 3/4 mi W of Cotton Center
5. Sec 12 Tp 4S Range 5W 6. Mining District \_\_\_\_\_
7. Owner: Lemon Brothers
8. Address: Phoenix
9. Operating Co.: Lease company - name not given
10. Address: \_\_\_\_\_
11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_
13. Principal Metals: Muscovite scrap. 14. No. Employed: \_\_\_\_\_
15. Mill, Type & Capacity: \_\_\_\_\_
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate \_\_\_\_\_ tpd.
17. New Work Planned: Screening plant for mica separation
18. Misc. Notes: Shipping some scrap mica to Buckeye mill  
Alexander examined deposit which appears to be unusually  
consistent in its occurrence which probably is in pegmatite  
though "associated only with quartz".

Date: 12/28/67

F. P. Knight  
(Signature) (Field Engineer)

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date 4-3-68

- 1. Mine: Maricopa Mica
- 2. Location: Sec. Twp. Range. Nearest Town Gila Bend Distance 14 miles  
 Direction N Nearest R.R. S.P. Gila Bend Distance  
 Road Conditions Fair
- 3. Mining District and County: Webb
- 4. Former Name of Mine: Arlene - Treasure 1294 located
- 5. Owner: John Hermans  
 Address: 1916 520th St. Phx
- 6. Operator: A + S. Investment & Development Co  
 Address: Al Washler, Pres. Beverly Hill, Ca.
- 7. Principal Minerals: Mica + Au.
- 8. Number of Claims: Lode 10 Patented Unpatented  
 Placer Patented Unpatented
- 9. Type of Surrounding Terrain:

10. Geology and Mineralization: Pegmatite  
 (Mill erected at a cost of \$70-80,000 but not successful. Some added equipment planned.)

11. Dimension and Value of Ore Body: Stringers + veins from inches to 60' wide x 2000'± long. Good quality muscovite

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.