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08/21/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: HARQUAHALA LIME CLMS. 1, 2, 3

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 177

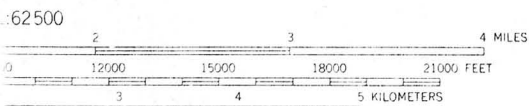
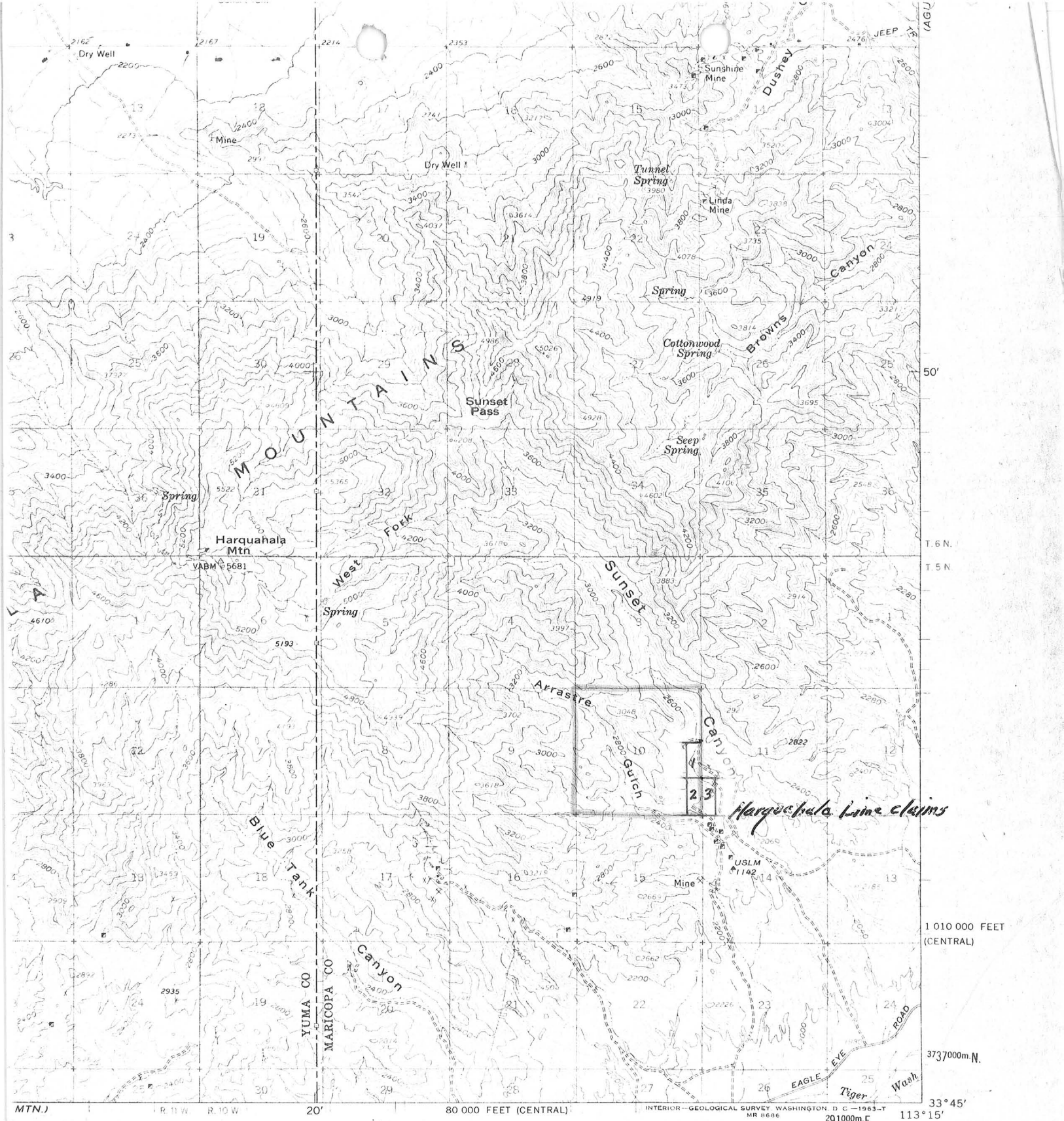
LOCATION: TOWNSHIP 5 N RANGE 10 W SECTION 11 QUARTER SW
LATITUDE: N 33DEG 47MIN 10SEC LONGITUDE: W 113DEG 16MIN 52SEC
TOPO MAP NAME: GLADDEN - 15 MIN

CURRENT STATUS: PAST PRODUCER

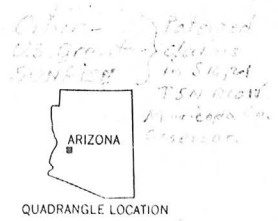
COMMODITY:
STONE MARBLE DM

BIBLIOGRAPHY:

USGS GLADDEN QUAD
ADMMR HARQUAHALA LIME CLAIMS 1,2,3 FILE
ADDITIONAL WORKINGS SEC 10-T5N-R10W
SHENK, JONATHAN, 1985, PRELIMINARY REPT ON AZ
MARBLE OCCURENCES & PROD. P5. IN GEOL FILE



RVAL 40 FEET
 NT 20-FOOT CONTOURS
 N SEA LEVEL



ROAD CLASSIFICATION
 Heavy-duty ——— Light-duty ———
 Unimproved dirt - - - - -
 U.S. Route

GLADDEN, ARIZ.
 N3345—W11315/15

1961

(BIG HORN MTS.)
 6
 YU



Arizona Department of Mines and Mineral Resources

INFORMATION FROM MINE CARDS IN MUSEUM

<u>ARIZONA</u>	MM-9804	Marble
	9810	"
Maricopa Co.	9811	"
	9910	"
Aquila Dist.	9911	"
	9992	"
<u>Harquahala Lime Mine, 1-2-3</u>	9993	"

MILS # 177

0 - AKK's

Harquahala Lime Claims 1, 2, 3 (file)

TO WHOM IT MAY CONCERN:

I have a large deposit of marble covering 220 acres with several million tons visible suitable for open pit operation which is located 100 miles west of Phoenix near a main highway and railroad. ^{LIME (file)} Harquahala Claims 1-2-3 situated in the Elsworth Mining District Section 10-11 Township 5N Range 10W. The claims and loading ramp on the Sante Fe Railroad are 19 miles from Aguila Arizona. Roads are in and considerable material is mined and ready for shipment throughout the claims.

This marble is of high grade quality, and occurs in a wide range of colors and color combinations such as green and white, brown and white, grey, pink, lavender, banded and mottled and etc.

This material can be quarried in large blocks if so desired and amendable for 3 to 4" thick veneer from 1 to 10 sq. ft.

It takes a high polish and makes ideal terrazzo and tile. This marble has been used in building veneer, fireplaces, fences, fountains, waterfalls, landscaping etc.

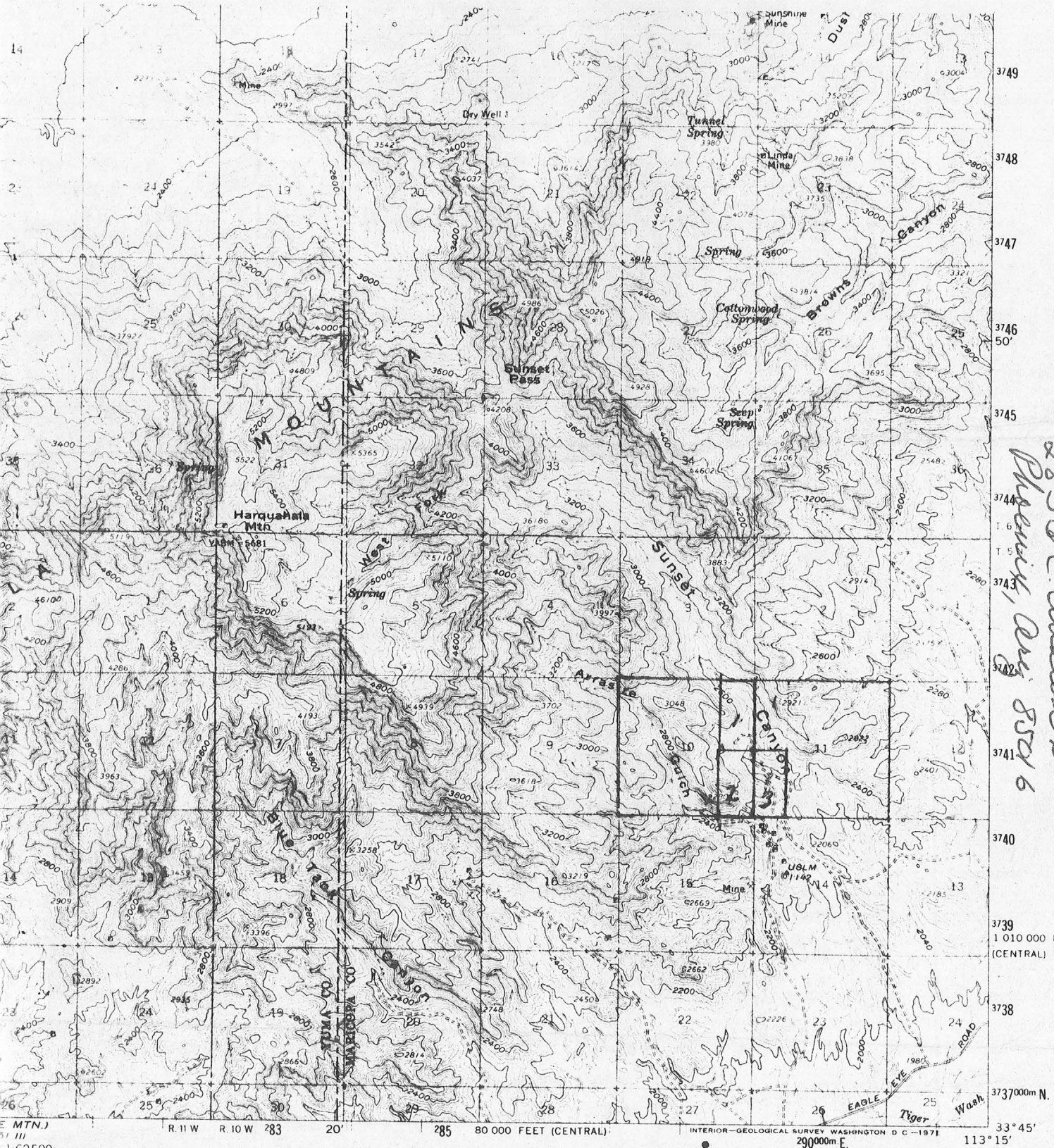
I'm looking for a qualified operator on a minimum lease who has the finances to put this material on the market in a big way. Prices at the quarry are \$35.00 per ton, delivered \$50.00 per ton and retail \$100.00 to 145.00 per ton.

If interested please contact me at 955-9154.

Sincerely,

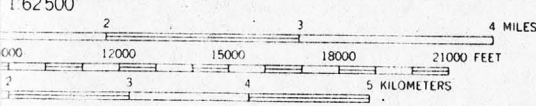
C.L. Mick

C.L. Mick



*Credley for Mrs. E. Credley
 2833 E. Quaker Dr.
 Phoenix, Ariz 85016*

DKT 13524 PG 885



VERTICAL 40 FEET
 HORIZONTAL 20-FOOT CONTOURS
 MEASUREMENTS FROM SEA LEVEL



QUADRANGLE LOCATION

SERIAL # AMC 34796-7-8

GLADDEN, ARIZ.
 N 3745 - W 11315/15

ROAD CLASSIFICATION

- Heavy-duty
- Light-duty
- Unimproved dirt
- U.S. Route

NATIONAL MAP ACCURACY STANDARDS
 FEDERAL GEOLOGICAL SURVEY WASHINGTON, D. C. 20242
 A COMPLETE LIST OF MAPS AND SYMBOLS IS AVAILABLE ON REQUEST.

HARQUAHALA LIME CLMS 1, 2, 3

MARICOPA COUNTY

KAP WR 5/1/87: Cindy Mick is continuing to research information common variety cases in an effort to show that the marble on her Harquahala Lime 1,2,3 (file) Maricopa County property is not common variety as alleged by the BLM.

KAP WR 5/8/87: Mrs. Mick called and reported the results of the marble samples from her daughter's Harquahala Lime 1,2,3 Mine (file) Maricopa County. The two samples ran 55.2 % CaO and 55.3% CaO. She wanted to know the appropriate calcium carbonate amounts for each. In terms of calcium carbonate 55.2% CaO = 98.57% and 55.3 % = 98.75%. If the samples represent a significant quantity of material, then it is acceptable for most good grade limestone uses such as cement. A contact was made to the State Chemists office (part of the Commission of Agriculture and Horticulture) for information on requirements for limestone to be used for livestock feed manufacture. He promised to get the necessary information.

HARQUAHALA LIME CLAIMS

MARICOPA COUNTY

KAP WR 5/24/85: Provided Cindy Mick with a list of dimension stone producers active in Arizona. She is the owner of record of her mother's and father's Harquahala Lime Claims 1,2 and 3 (f) which they have been trying to sell or lease for several years.

KAP WR 6/14/85: Cindy Mick was in for help in verifying the amount of land covered by her Harquahala Lime 1 2 3 Claims (f). She feels they may have a buyer for the claims.

KAP WR 1/24/86: In the company of Tim Whitney of Murco Wall Products of Buckeye a visit was made to the Harquahala Lime 1, 2, 3 Claims (file), Maricopa County. Samples of white marble were taken by Mr. Whitney for testing to determine if the marble could be ground to make white filler for wall board products. Here marble outcrops on the west side of the canyon have been developed and quarried in three areas. Additional prospect pits have been dug to expose and prospect other outcrops on both sides of the canyon. The material is primarily banded crystalline marble and the color and banding varies from pit to pit. Banding varies from light brown and white to light green and white. Some solid white marble is found. The property has good potential for a small decorative stone operation. The northwestern most pit has recently been worked for decorative "flagstone" type marble which is banded white, tan and green. This marble is in contact with gneiss on the north.

KAP WR 4/10/87: Cindy Lou Mick, owner of the Harquahala Lime 1,2,3 (file) reported that they have leased the property to Jerry Dunbar of Dunbar Stone (card) who has started to produce marble dimension stone. Upon filing a plan of operations with the BLM they have gotten involved in a dispute over whether or not the marble is common variety. Mr. Bower, BLM Geologist for the District will not allow an operation under the mining law because he says the material is a common variety and he will not allow a material sale unless Ms. Mick relinquishes her claims. But if the claims are given up, a third party could relocate the ground and make a case for the marble being an uncommon variety, and if they won, force the BLM to cancel the material sale contract and end up with the property.

HARQUAHALA LIME CLAIMS
MICK-DONALD MARBLE (Mine File)

MARICOPA ~~YUMA~~ CO.

CH/WR 6/27/79 - Helped her ^{Agnes Mick} prepare claim maps for her marble deposit in the Harquahala Mtns., 20 miles south of Aguila. Blackhawk #1 & #2. 8/17/79 a. p.

KAP WR 4/15/83: Mrs. Agnes Mick, 2833 E. Avalon Drive, Phoenix, Arizona 85016, phone 955-0154, reported she and her husband Harry own the Harquahala Lime Quarry (Harquahala Lime Claims 1, 2, & 3). She explained her husband and various lessors have been producing marble from the quarry since 1959. They have 800 to 1000 tons mined and stockpiled at the mine which she would like to sell FOB the mine, as her husband's health prevents him from loading and hauling the material. She would also like to sell the deposit.

NJN WR 4/22/83: Dave Hanson, 16631 W. Pioneer, Goodyear, Arizona 85338, phone 932-1232 visited. He reported he was representing Cindy Lou Mick, 2833 E. Avalon Dr., Phoenix, 85016, who owns the Harquahala Lime Claims #1-3, south of Aguila. Mr. Roza has contacted him and would like to option the property for 6 months to do some core drilling. Mr Hanson said terms for the property were a royalty of \$3.50 per ton with \$600.00 per month minimum.

KAP WR 5/27/83: Mrs. Mick and her daughter came in and reviewed the status of their Harquahala Lime 1, 2, and 3 mine. The property is reported to have produced some excellent marble in past years. Some samples were donated to the museum. The deposit was previously leased to Dave Hansen, but the lease was terminated in 1981. She explained he could again lease the property from her and sub-lease it to someone if financially able, but he has no equity position. The property is in the name of her daughter as explained in an open letter she provided for the files.

KAP WR 9/2/83: Mrs. Mick called to report her daughter's Harquahala lime marble quarry is still for sale.

KAP WR 3/15/85: Mrs. Mick called to see if we yet had any nibbles on her marble deposit which is still for sale. (Harquahala Lime Claims 1,2,3.)

HARQUAHALA LIME CLAIM
MICK-DONALD-MARBLE

Harquahala Dist., Yuma Co.

THOS. J. 4639 N. 30th place
P.M. 16

HARRY

Harvey Mick reported that he had leased his marble claims to Tom Ellis (AM 4-1044) and had agreed to take the larger colored or white marble from him. Ellis stated that he had cleaned up the pit and marketed a little to Mick. He wanted a market for crushed limestone or fines (1/8 - 3/8 inch). Ellis believed he could screen the material and sell it fairly cheaply. He was referred to Del Petersen of the U.S. Marble Corp., Box 68, Aguila.

Memo - Lewis A. Smith - 2-6-62

Mr. Mick stated that negotiations were under way with a Santa Barbara, Calif. group who would produce a fairly large tonnage, per month, of roof granules and chat marble presumably to be marketed in the Phoenix and Tucson areas. At present, Chris Christoferson of Aguila and another man are rebuilding the 4-mile mine road from the Aguila-Tonopah road. If this deal is consummated, a sizing mill consisting of a crusher, hammer mill, and screens, will be installed. Mr. Mick will keep us informed as to developments.

Interview with Harry Mick, 10-9-62. (Mick is a co-owner of the deposits.)

MEMO-LEWIS A. SMITH

Interview with Harry Mick 4-11-63

Mr. Mick said that 50 tons of white marble had been delivered during the quarter to Apache Stone Supply, Inc., 2631 E. Indian School Road, Phoenix for ornamental stone.

MEMO LEWIS A. SMITH

Address = Agnes D. Mick - 2833 E Avalon Dr Phoenix 85016 (USBM-1571967)

ok Dick

active 10-62-
active 10/63



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Phoenix District Office
2015 West Deer Valley Road
Phoenix, Arizona 85027

IN REPLY REFER TO:

3809 (027)

*HARQUAHALA LIME 1, 2, 3
(file) La Paz*

April 2, 1987

Mrs. Agnes Mick
2833 East Avalon Drive
Phoenix, Arizona 85016

Dear Mrs. Mick:

I am writing to you in regard to our conversation earlier today. Again, I'd like to clarify that your marble would be an uncommon variety of rock if it contains 95 percent or more calcium and magnesium carbonates, and if it is to be used for the chemical grade quality such as cement. Since your intent is to lease the area to Dunbar Stone Company, Inc. to be used for building stone, we would have to consider it a common variety of rock. In order to lease the area, the mining claims would have to be relinquished.

It should be possible to establish a sales agreement between BLM, Dunbar and/or yourself prior to the serialization of the proposal and the subsequent relinquishment of the affected mining claim(s). A fair-market value royalty would be established for the marble prior to the issuing of the permit and would reflect an in-place value.

I am enclosing two separate sets of regulations that indicate the difference and submissions required under each. If we can be of further assistance, please contact our geologist, Doug Bauer, at (602) 863-4464.

Sincerely,

Gay M. Foreman

for William T. Childress
Area Manager
Lower Gila Resource Area

Enclosures (2)

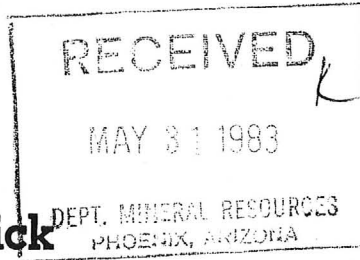
1. 43 CFR Part 3800
U.S. Mining Laws
2. Fed. Register 6-10-83

36011



FROM THE DESK OF

Cindy Lou Mick



May 28, 1983

Mr. Ken Phillips
Mineral Resource Building
Fairgrounds
Phoenix, AZ 85007

Dear Mr. Phillips:

As per our conversation I am enclosing a letter correcting the errors in Mr. Hick's report and stating the facts regarding my property.

Thank you very much for your help.

Sincerely,

Cindy Lou Mick

Cindy Lou Mick

P.S. I would also like to thank the other gentleman for his assistance.

TO WHOM IT MAY CONCERN:

(FILE)

The Harquahala Marble Property claims 1-2-3 in the Elsworth Mining District are owned solely by Cindy Lou Mick. The information in Mr. Hick's report regarding one owner as Dave Hanson is incorrect. Dave Hanson is not the owner nor has he ever been the owner.

Dave Hanson leased our property several years ago. Due to a lack of finances, he was unable to continue on the property. He has known my father and family for over 10 years. Recently when my father was ill and in the hospital with a stroke, Dave took an interested party out to our property. He did this as a favor to my father as my father did a great deal for him. During the time of his lease Dave accompanied Mr. Hick's out to the property. He acted as a promoter on the property and unfortunately led Mr. Hick's to believe that he was a co-owner of the property.

In Mr. Hick's report it states that my father is the interested party and his address is unknown. My father is indeed an interested party. He spent years taking care of this property. Currently, as a result of his illness, my father is not taking care of the property. My father has had two strokes and it has affected his speech. My mother, as a result of this has become more involved in the property. I resent this statement greatly in Mr. Hick's report. It insinuates that my father wasn't involved or couldn't be found. This is clearly untrue, and should be corrected in this report.

Currently the property is open for a lease. The terms

are a minimum of \$3.50 per ton and \$600.00 per month.

I am writing this letter with the intent of correcting the errors in Mr. Hick's report, and to state the facts regarding my property.

Sincerely,

Cindy Lou Mick

Cindy Lou Mick

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Harquahala Lime Claims 1, 2 & 3

Date May 16, 1979

District Big Horn (Aguila)

Engineer Clifford J. Hicks

Subject: Field Visit

Note: The Harquahala Lime claims 1 and 2 are located in the SE $\frac{1}{4}$, Sec.10, T5N, R10W. No. 3 is in the SW $\frac{1}{4}$, Sec.11. The claims are contiguous. This area is covered by the Gladden 15' quadrangle.

In the company of Dave Hanson, 16631 W. Pioneer, Goodyear, Arizona 85338, phone 932-1232, drove 15 miles south and west from Aguila, Arizona, on the Eagle Eye Road. This is a Maricopa County graded road in very good condition. At 15 miles the road crosses a tributary of Tiger Wash. The dip in the road contains a water depth gauge. One tenth of a mile beyond a side road takes off to the northwest toward the Harquahala Mountains. It is in fair condition and could be traveled by a passenger car after some grading. Proceeded on this road 2-3/4 miles to the three Harquahala Lime lode mining claims. They straddle Sunset Canyon and are jointly held by Dave Hanson and Cindy Lou Mick. The latter's father is actually the interested party (address unknown).

The claims are in an area of high relief (average elevation 2600'), Sunset Canyon having been eroded by an intermittent stream which was flowing at the time of this visit. The vegetation is composed of typical Sonoran desert varieties.

Geology: The rock of economic interest is a cherty, white to gray, banded, closely jointed and banded marble which is probably the upper unit of the Redwall Limestone of Mississippian age (Varga, Robert J., 1977, Geology of the Socorro Peak Area, Western Harquahala Mountains: State of Arizona Bureau of Geology and Mineral Technology, Geological Survey Branch, Circular 20, 20p.). North and west 1/4 mile of the white marble exposures is an outcrop of pink "marble" (so called by Dave Hanson). This is most likely the thicker lower unit of the Redwall described by Varga as a "homogeneous, medium- to massive- bedded dolomite" which rests in fault contact with the underlying Bolsa Quartzite. The white marble is unconformably bounded on the east by highly metamorphosed crystalline rocks which are Precambrian gneiss and schist. A fresh angular piece of float, tentatively identified as a diabase porphyry, was collected indicating the close proximity of a dike.

Development: An adit was driven into the marble by a former claim holder for an unknown distance. Mr. Hanson has been into it for a distance of 150'-200'. The close jointing which would preclude the shaping of the rock into dimension stone reportedly persists this far in the adit. It is presently filled with water to the portal. There are several other blasted exposures and numerous natural outcrops.

The marble would appear to be of sufficient quality and quantity to justify a more intensive study of mining (or quarrying) methods. Explosives would have to be used as the marble is too competent for ripping. A study of product preparation and, most importantly, marketability should be undertaken. Perhaps a 2"-4" crushed product would be salable as ornamental ground cover.

The claims are reasonably accessible to vehicles and are eighteen miles to a loading ramp on the Santa Fe Railroad in Aguila and an equal distance to Interstate 10. There are no power lines near the claims and the water supply in the creek is intermittent.

Future: It is Mr. Hanson's intent to try to patent the three Harquahala Lime claims with the possible addition of one more. On this date the claims are within BLM lands proposed for intensive inventory by the Arizona BLM Wilderness Review. However, the Federal Aviation Administration (according to Mr. Hanson) is considering a peak in the Harquahala's near the subject claims as the site of an electronic navigational aid station with a maintained road leading to it.

CJH:mw

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine HARQUAHALA LIME CLAIM
~~Mick-Donald Marble~~

Date September 14, 1960

District Harquahala District, Maricopa County
(SE lowlands of Harquahala Mtns)

Engineer Lewis A. Smith

Subject:

Location: 19 miles south and west of Aguila (15 miles by the Aguila-Hassayampa road and thence 4 miles west).

Owners: Agnes D. Mick and Dona M. McDonald

Agent: Harry Mick, 227 N 44th St. *10-62 - 2833 E. Avalon Dr. Phx 16*

Property: 320 acres (21 claims)

Minerals: Marble and dolomitic limestone

Work: 4 miles of road were built and an open pit by hillside benching partly developed. (Four benches have been roughly developed to date.) The total development work to date has amounted to \$10,000.

Geology: The deposit consists of recrystallized limestone (possibly Pennsylvanian or Mississippian) which forms two large and several smaller blocks in the south and southeast slopes of the Harquahala Mountains. Both major limestone blocks are in weaving fault contact with older rocks. The weaving character of the contact strongly suggests thrust faulting. The east limestone block borders gneiss on all sides, the gneiss probably causing the marbleization. The west block, a triangular mass, is entirely on a fault contact, the east border being schist and the northwest border being against gneiss. The limestone here dips and pitches under Tertiary gravels, sand and conglomerate. The limestone on this block strikes northeast-southwest and dips about 20° to the southwest. The schist generally strikes almost east-west and dips south at a flat angle. The limestone in the east block varies greatly in dip and strike, but generally follows the trends of the west block. The gneissic structure near the east limestone trends NE-SW and pitches roughly about 30° northeast. The limestone, or marble, has several colors of which pink, white, green, brown, cream, and black predominate and several mixed color combinations are reported. It is roughly estimated that the east block, now being developed, has more than 3,000,000 tons of material. Mr. Mick states that material for saw blocks (4 x 4 x 6 feet) can be cut. 100 tons of the material has been mined and shipped to Phoenix. Samples of various colors and sizes have been cut and polished. The material is stocked at 227 N. 44th Street. Considerable rain has caused them to make extensive repairs on certain parts of the road.

Mick says they have a limited market for crushed marble for roof covers, chat and terrazzo, and hope to develop a market for sheets.

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Lemons Claims

Date January 12, 1962

District Sierra Estrella District - Maricopa County Engineer Lewis A. Smith

Subject: Interview with Harry Mick, co-owner of Apache Stone Supply Co. Yard, 2631 E. Indian School Road, Phoenix

Mr. Mick stated that he was employing 3 men building roads and mining schist rock at the Lemons claims. Several miles of roads have been worked on recently. The ornamental rock has proven to be an excellent seller. He stated that he had leased his marble claims in the Harquahala but no work was yet in progress there.