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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LIGIER TUFA

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 697

LOCATION: TOWNSHIP 22 S RANGE 32 E SECTION 27 QUARTER S2  
LATITUDE: N 31DEG 29MIN 13SEC LONGITUDE: W 109DEG 04MIN 24SEC  
TOPO MAP NAME: GUADALUPE CANYON - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

STONE TUFA  
CALCIUM TUFA

BIBLIOGRAPHY:

ADMMR LIGIER TUFA MINE FILE



STATE OF ARIZONA  
DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA



November 16, 1960

MEMORANDUM

To: Frank P. Knight, Director  
From: Axel L. Johnson, Field Engineer  
Reg: D. G. Ligier's tufa claims near Douglas

Mr. Ligier states that the final ruling from the B.L.M. in regard to the validity of his tufa claims was received about Sept. 1st, and that this ruling stipulated that only one claim was valid, and the remaining 7 claims were not valid. The one claim was declared valid because it contained a deposit of marble. An appeal has been made from the decision of the B.L.M., attorney Greenwood of Bisbee handling the legal work.

Mr. Ligier also stated that J.B. Stokes had a temporary lease on the 8 claims, and that they would come up for bids soon.

Mr. Ligier raises the question "Can you mine tufa stone on a claim which has been O.K'd by the B.L.M. for marble?"

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine : Ligier Tufa

Date April 14, 1960

District SE part of Cochise County.

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from D. G. Ligier

References Letter from Frank P. Knight, Director, under date of April 21, 1960  
Letter from Axel L. Johnson, Field Engr. " " " May 10, 1960

Location Secs. 27 & 28 -- T 22 S -- R 32 E. About 35 miles east of Douglas on the Geronimo Trail, in Coronado National Forest, close to the New Mexico border.

Number of Claims 8 placer claims of 20 acres each, located in 1958.

Owners , D. G. Ligier, and 3 other parties.

Option to Purchase J. B. Stokes, 2250 - 9th St., Douglas, Ariz. ---- Home address J. B. Stokes, Elton Corporation, P. O. Box 8004, Jackson, Miss. This option is contingent on the property being declared valid by the Bureau of Land Management.

Principal Mineral , Tufa Stone

Principal Mining Activity None. Activity awaiting settlement of validity of claims.

Physical Properties of the Tufa Stone Colors are pink, buff, cream, and white. It appears to have greater hardness than most tufa stones, and also appears to have good compressive strength. The stone can be quarried into large commercial size blocks. Our Dept. feels that the pink tufa is quite unusual and uncommon on account of its bright pink color and relatively even texture, a fact which should distinguish it from the ordinary common varieties of tufa stone, which ordinarily are white or buff. This pink color, our Dept. believes should make it readily marketable.

Marketing Facilities Mr. Stokes, who holds an option on the property, is reported to have eastern markets for the material.

Proposed Plans Ship the material to eastern markets for use as building stone.

Special Difficulties At a hearing held by the Bureau of Land Management a short time ago, the Bureau declared the claims invalid on account of the stone being "common varieties" and thus not subject to location according to Public Law 167. Mr. Ligier, et. al., however, are making plans to appeal the case, and have asked the Dept. of Mineral Resources to assist them in any way possible. Samples of the tufa stone were examined at the Dept. of Mineral Resources, the results of this examination is contained in a letter to Mr. Ligier as of April 21, 1960. Additional suggestions as to having the stone tested for compressive is also contained in this letter, as well as a letter from the Field engineer, as of May 10, 1960.