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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SIMONS MARBLE

ALTERNATE NAMES:

EMPIRE MTN GROUP LIMESTONE

PIMA COUNTY MILS NUMBER: 603

LOCATION: TOWNSHIP 17 S RANGE 17 E SECTION 30 QUARTER NE  
LATITUDE: N 31DEG 55MIN 30SEC LONGITUDE: W 110DEG 38MIN 25SEC  
TOPO MAP NAME: EMPIRE MOUNTAINS - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:

STONE MARBLE CB  
STONE LIMESTONE CB  
CALCIUM

BIBLIOGRAPHY:

ADMMR SIMONS MARBLE FILE  
ADDITIONAL HOLDINGS IN SEC. 29

SIMONS MARBLE

PIMA COUNTY

MG WR 5/27/88: Visited the Simons Marble property (file) Pima County. There is no sign of recent activity on this property. It appears to consist of a relatively large area of outcropping limestone (Escabrosa?) that is locally marbalized.

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MG WR 5/27/88: Visited the Empire Mtns. Group limestone (file) Pima County. I believe, after reviewing the physical location and the mine files, that the Empire Mtns Group limestone file should be merged into the Simons Marble file.

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Empire Mtns. Group Limestone  
Yima Co. M G  
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LACY & ASSOCIATES  
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NOTES FROM ANAMAX FILES ON ESCABROSA LIMESTONE TESTS:

11/4/66: Colo.Sch.Mines Res. Found. Inc. R.S. Bruski

Comments: 5 samples. Suitable for conversion to quicklime for metallurgical use. Fractures excessively during crushing, and during firing in rotary kiln it disintegrates excessively.

Average analysis: 96%Ca as CaCO<sub>3</sub>, 2.5%Mg as MgCO<sub>3</sub>, R<sub>2</sub>O<sub>3</sub> 0.35%,  
Insol. 3.4%

2/15/67:

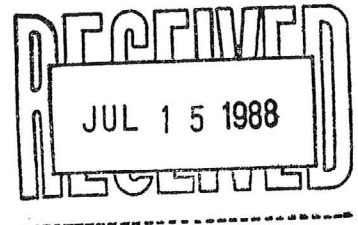
Comments: Little loss by blowout - no more than normal.

6/6/67: C.S.M.R.F.I.

Comments: Calcined in Calcimatic Kiln at Ash Grove Lime and Portland Cement Co. at Springfield, Mo.  
Lime yield = 59% of stone feed.  
Stone fast burning with normal fuel requirement.  
Minimum decrepitation with Calcimatic Kiln.  
Produced acceptable grade quicklime.

8/67: Kennedy Van Saun, Danville, Pa.

Comments: Limestone is not suitable for rotary kiln burning.



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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Simons Marble

Date June 18, 1962

District Empire District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from G. W. Irvin.

Location Secs. 29 & 30 -- T 17 S - 17 E. About 7 miles south of Mt. View, and on east side of Hwy # 83 (Mt. View- Sonoita road).

Number of Claims 29 claims on State land covered by State leases (total of 580 acres)

Owner State of Arizona

Lessee A. P. Simons, Simons Bldg., Dallas, Texas.

Principal Minerals White marble. Also some limestone.

Present Activity Not in operation. Assessment work kept up.

Proposed Plans Indefinite.