



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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05/30/89

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BENSON CLAY DEPOSIT

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 714

LOCATION: TOWNSHIP 17 S RANGE 20 E SECTION 20 QUARTER SE  
LATITUDE: N 31DEG 56MIN 31SEC LONGITUDE: W 110DEG 19MIN 22SEC  
TOPO MAP NAME: BENSON - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:

CLAY KAOLIN  
GYPSUM

BIBLIOGRAPHY:

ELEVATORSKI, E.A., 1978, ARIZ. INDUSTRIAL  
MINERALS, P. 15  
AZBM BULL 180, P 377  
ADMMR BENSON CLAY FILE

FIELD ENGINEERS REPORT

MINE: BENSON CLAY (MILS #714)

DATE: May 5, 1989

DISTRICT: Whetstone

SUBJECT: Field Visit

ENGINEER: Harrison E. Matson

Examined at S $\frac{1}{2}$  Sec.20,T17S,R20E along R.R. cuts.

Located on an extensive alluvial fan derived from granitic source rocks, the clay is a reddish brown sandy "adobe" clay. The granite "sand" in the clay is predominantly in the 2-3 mm size range. The unit is not, at this location, graded or stratified but is more or less uniform. The unit is a distinctive cliff former. The material appears to be a good source of adobe but not of any other use common to clays. Thin bedded lacustrine sediments occur to the east of this site a little over a mile. These lacustrine clay units may have some potential uses as ball or structural clays. That occurrence MILS #639 might also be known as the "Benson Clay" deposit.

There has been no recent mining activity at either prospect.