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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ARAVAIPA MEMBER ZEOLITE

ALTERNATE NAMES:

PINAL COUNTY MILS NUMBER: 759

LOCATION: TOWNSHIP 7 S RANGE 18 E SECTION 5 QUARTER C  
LATITUDE: N 32DEG 51MIN 13SEC LONGITUDE: W 110DEG 31MIN 31SEC  
TOPO MAP NAME: HOLY JOE PEAK - 7.5 MIN

CURRENT STATUS: RAW PROSPECT

COMMODITY:

ZEOLITES CLINOPTILOLI  
SPECIMENS QTZ NODULE  
ZEOLITES MORDENITE  
STONE TUFF

BIBLIOGRAPHY:

ADMMR ARAVAPAI MEMBER ZEOLITE FILE  
ADMMR INDUSTRIAL MINERALS ADDENDUM P A5  
USGS GQ-688 P 1  
USGS GQ-689 P 2

## ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Information from: Harrison Matson & Geology Map
2. Mine: Aravaipa Member Zeolite
3. ADMMR Mine File: same
4. County: Pinal
5. MILS Number: 759
6. Township: 6S      Range: 18E      Sec(s): 7-11, 14, 23, 29-36  
              7S                    18E                    1-18
7. USGS Topographic Map: Holy Joe Peak 7½, Brandenburg Mtn. 7½, and Klondike 15'
8. Location (descriptive): Within and south of Aravaipa Creek Canyon
9. Commodities: Zeolite-Mordenite, Zeolite-Clinoptilolite,  
                          Gemstones-Thunder Eggs, Stone-Tuff
10. Summary of information received, comments, etc.:

This occurrence was added to the ADMMR Industrial Minerals Addendum by Harrison Matson. The Aravaipa Member of the Galiuro Volcanics is described in Krieger, Medora, H., 1968, Geologic Map the Holy Joe Peak Quadrangle, Pinal County, Arizona, Geologic Survey Map GQ-669 "Description of Map Units " p2, and Krieger, Medora, H., 1968, Geologic Map of the Brandenburg Mountain Quadrangle, Pinal County, Arizona, U. S. Geological Survey Map GQ-668 "Description of Map Units" p1. Krieger does mention the thunder eggs as occurring locally at the base of the welded, devitrified zone with the lower zones of the member. The thunder eggs are said to be as much as 10 x 15 cm. She does not specifically mention the local alteration to mordenite and clinoptilolite, that being supplied by Harrison Matson's personal information. The Aravaipa member outcrops in many areas throughout the southwest quarter of the township T6S, R18E, and the northwest quarter of the township T7S, R18E. The locality for the Az MILS location was chosen arbitrarily to represent the center of the region of outcrops.

Date: July 20, 1990

Ken A Phillips

