



## **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)

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

## **ACCESS STATEMENT**

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

## **CONSTRAINTS STATEMENT**

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

## **QUALITY STATEMENT**

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 06-26-2006

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: DIKE PROSPECT

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 22

LOCATION: TOWNSHIP 13 N RANGE 9 W SECTION 11 QUARTER N2  
LATITUDE: N 34DEG 29MIN 07SEC LONGITUDE: W 113DEG 10MIN 32SEC  
TOPO MAP NAME: THORN PEAK - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:  
GOLD

BIBLIOGRAPHY:  
ADMMR DIKE PROSPECT FILE

University of Arizona

TUCSON

COLLEGE OF MINES  
ARIZONA BUREAU OF MINES

November 18, 1944

Mr. C. H. Dunning  
Director, Dept. of Mineral Resources  
Homebuilders Bldg.  
Phoenix, Arizona

Dear Mr. Dunning:

Mr. Ballam informs me that you did not receive a copy of Dr. Wilson's memorandum to me concerning his visit to the Dike prospect. I am, therefore, attaching a copy hereto.

Yours sincerely,



T. G. Chapman  
Director, Arizona Bureau of Mines

University of Arizona

TUCSON

OKD

November 4, 1944

COLLEGE OF MINES  
ARIZONA BUREAU OF MINES

sec 11, 13 N, 9 W

MEMORANDUM TO: Dr. T. G. Chapman

SUBJECT: Dike prospect, Eureka district, Arizona.

Filing name

On October 25, 1944, Mr. Robt. Ageton and I visited the Dike gold prospect, in the Eureka district.

This prospect is in the Canyon of Bridle Creek. It is accessible by 4 or 5 miles of trail that branches southward from the Hillside-Kingman highway at a point about 2 miles southwest of the 7-U-7 ranch. We were directed to the trail by Mr. Stanley Day, Deputy Sheriff, of Prescott, and Mr. Degar, of Bagdad.

The prevailing rock in the area of the prospect is granite with some pegmatite. This granite has been sheared in a general north-south direction, and the drainage pattern seems to be determined by such shearing.

One of these shear zones, somewhat silicified and iron stained and containing quartz veins, forms a prominent outcrop approximately 800 feet long; it is known locally as the "dike".

The principal workings of this prospect consist of an adit, driven S 60° W for about 90 feet, and a winze, reported to be 25 feet deep, but filled with water to 15 feet below the adit level.

Inward from its portal, this adit shows the following: 12 feet of quartz; 14 feet of quartz veins and granite, to the southwest edge of the winze; 60 feet of granite with sparse thin quartz veins and occasional iron-stained cross fissures, between the winze and face of the adit.

Samples assayed by George Roseveare, Metallurgist of the Arizona Bureau of Mines, showed the following results:

Oz. au per ton

Across face of adit .....	0.01
Face to SW edge of winze, 60 ft. ....	0.04
Above winze, 8 ft. ....	0.01
East edge of winze to portal, 18 ft. ....	TR.
Across S end of dike outcrop, 25 ft. of which 18 feet is quartz.....	0.05
East of Portal, 10 feet.....	0.02

Sincerely yours,