



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
3550 N. Central Ave, 2nd floor  
Phoenix, AZ, 85012  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

The following file is part of the G. M. Colvocoresses 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.

For Mines File

T & make index card

MILS #59

Note June 12, 1942

Glenn Thatcher has a porphyry copper prospect in monzenite located west of Buckeye on road to Caliente and near railroad about 65 miles from Phoenix.

Assayer with Charles Diehl says that showing is very promising and covers about 300 acres of good surface outcrops where high grade stringers of chalcocite show up at intervals and between them the rock seems to be well mineralized and he thinks that it should run 2% copper.

No development or prospecting done to date.

If this property really seems to have merit it might appeal to the Anaconda Company and should be presented to Perry in Salt Lake.

✓

Visited this showing with Ed Thatcher on June 18, 1942.

Drove 50 miles from Phoenix to the Caliente turn-off and then 15 miles on that road.

Thatcher has 12 claims located one mile east of the Dixie Mine which is shown on maps.

There is a shaft near the north edge of the group on a claim owned by Church who works for Diehl and known as the Silver Flag Claim. This is close to the Section Corners between Sections 6, 5, 7 and 8 of Township 2 South, Range 7 West.

Thatcher claims extend one claim north and one claim east of the monument and most of the claims are laid out east and west. To the southeast lies Wolsey Peak. A basic igneous dyke runs across these claims striking North  $35^{\circ}$  West and dipping to the southwest as an angle of about  $50^{\circ}$ , and along the foot-wall there is monzonite or granitic porphyry and elsewhere there is fine grained basalt and a basic rock which has the appearance of a diorite.

The showings of copper are confined to seams and fissures near the contacts where there are many small faults.

Several of the outcrops have been opened up by trenches and shallow pits in each one of which the copper ore seems to rapidly pinch or decrease in depth so that the showings probably only represent gash veins that have been mineralized from the surface.

Ore is all oxide or carbonate and no sulphides of any consequence were noted and it is my very definite opinion that no ore body of any size will ever be found on this property and that it is worthless.

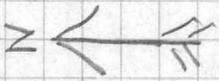
Advised Thatcher to that effect.

Visited the Dixie Mine which is inclined at  $30^{\circ}$  and wagger stands at depth of 70 feet. It is said that at a depth of 200 feet a connection was made with a vertical shaft sunk in the hanging wall and a little

high grade ore was mined but apparently that all came from pockets or from near the surface and showing is not at all encouraging.

Note sketch of Thatcher Claims and location of surface samples taken by Church and others. No indication of any disseminated ore in the porphyry dikes as far as I could see and feel confident that it would not pay to explore further by drilling or otherwise.

Took no samples myself.



Thatcher Claims

⊗ Approximate location of sample

#	Cu =	%
1	3.01	
2	2.25	
3	1.89	
4	0.95	
5	2.57	
6	1.37	
7	0.25	
8	3.57	
9	0.45	
10	0.36	

