



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

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.

Report Read &
Bremij. Aug 26

Unity Mining Co.-- In Cottonwood Pass, 8 mi. North of Wenden. J. H. Estes, President and principal owner (a stock broker); A. N. Welton, Manager and Engineer. Has two or three showings of ore which are barely scratched on the surface. Claims to have 500 tons of ore lying on small surface dumps scattered over property. Think this is probably exaggerated. Saw three or four of these small dumps, containing 5 to 10 tons each. Ore is very silicious. Also claims to have 200 foot tunnel on one vein in which one foot width on footwall runs Au. \$60, Cu. 1% to 2%, Fe. 35%, Ins. 8%, CaO 15%, S 12%; and three feet width next to ~~the~~ this runs Au. \$5 to \$4, Cu. 28%, and very silicious. Welton thinks can ship one or two cars per month of all classes of material. Will have to pack it on burros on the average of half mile, then truck to Wenden. Don't think that this outfit intends to do much serious mining or knows how. We may get a shipment or two from them for publicity purposes.

Critic-- I interviewed Mr. and Mrs. Joe Nolecheck who are operating their mill. They are producing about 100 pounds per ~~hr~~ hour of a concentrate which is mostly chalcocite. A sample given me by Mrs. Nolecheck ran Au. 1.92 oz., Ag. 0.5 oz., Cu. 38.10% Ins. 25.0%, Fe. 10.8%. They are milling the mine dump and the stope fills in the mine. Expect to operate on a 24 hour basis, which should result in one car of concentrate per month.

They have made one $2\frac{1}{2}$ ton shipment to Hayden on following terms.

Pay for All Au. @ \$19.50 per oz.

Ag. No pay if less than 1 oz.

95% Cu. @ Market less 2.65¢ (No maximum deduct.)

Treatment \$5.00 per ton flat, no penalties, no bonuses.

C

UNITY MINE near Wenden

1/30/36

Three patented and ten unpatented claims now owned or worked by Dick Bunker and located in Cottonwood Pass 7-3/4 miles northwest of Wenden, reached by good road. Claims adjoin the Mickey Dolan Mine where there is a big body of very low grade ore from which shipments of sorted material have been made in the past.

Country is mainly granitic intrusives with some mica-schist. A dark hornblende gabbro or amphibolite dyke about 100' wide is especially prominent and veins with quartz and wall rock filling containing some iron, copper and gold appear to occupy shrinkage fissures and are probably gash veins.

Considerable work has been done here and camp buildings erected. Near the camp a tunnel was run N 40° E for 290' and crosscut nearly thru the gabbro dyke. The back at breast of this tunnel is only 100'. On the contact between the gabbro and granitic the vein or gouge is said to carry \$18.00 per ton in gold.

Some 2000 ft. southwest of the tunnel and about 300' higher on the hill the same vein has been developed in the contact between the granite and gabbro by short tunnels and a small dump of ore is said to carry \$10.80 gold per ton.

Iron sulphides and specular hematite, also brown iron oxide and copper sulphide and carbonate show in the vein. About 20' below this another tunnel has been driven for 180' and again 60' further down there is another tunnel.

In all these workings are found quartz sulfids and brecciated wall rock with recemented gravel in places. The ore is evidently confined to small pockets and in places is said to run up to \$30.00 per ton

2- Unity Mine

but with a width of only six to ten inches. Some of these pockets occur in the dyke.

There is no evidence of any permanent ore shoot and I don't believe that values will persist in depth.

Consider showing of no value except to be worked in a very small way by "chlorides".