



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

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.

05/03/99

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: GOLD KNOB

ALTERNATE NAMES:

KAY CLAIMS

MARICOPA COUNTY MILS NUMBER: 270B

LOCATION: TOWNSHIP 6 N RANGE 6 W SECTION 26 QUARTER SE
LATITUDE: N 33DEG 49MIN 46SEC LONGITUDE: W 112DEG 51MIN 16SEC
TOPO MAP NAME: VULTURE MOUNTAINS - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

GOLD LODE

BIBLIOGRAPHY:

ADMMR GOLD KNOB FILE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Kay Claims Date September 6, 1944
District Vulture Engineer George A. Ballam
Subject: Preliminary examination

This property comprises 7 unpatented claims held by Wm. Kay, Box 362, Wickenburg, Arizona. It is situated about 18 miles southwest of Wickenburg adjoining the Vulture mine on the west. A desert road off the Vulture road gives access.

The Kay claims endline the main Vulture workings and are in essentially the same formation, a granitic and rhyolitic porphyry with andesitic schist of frequent occurrence. On the Vulture claim immediately adjoining, this formation has been opened up for several hundred feet over a width of about 200 feet. On the Kay claims a large number of test holes have been sunk to a depth of 10 - 20 feet and much trenching is in evidence. One of these cuts, about 80 feet in length, was sampled by Mr. Kay and was reported to run \$2.50 in gold over the entire length. Values as high as \$8 - \$10 were obtained in specific areas and Mr. Kay reported his lowest assay as \$2.40.

The 80 foot cut referred to is still in values to the north and south. This is the most advanced development and should be continued in both directions until the walls are reached, when a representative sample may be cut.

This ore has been reported amenable to cyanidation. The Vulture Company is now preparing to mill up to 700 tons a day of apparently identical ore.

Water will have to be developed, but in the event of realization of several million tons of \$2.50 to \$3.00 ore, a pipe line to the Hassayampa River some 10 miles to the east would provide ample water for a large operation.

Surface sampling, followed by drilling, of this property will require considerable capital and on account of the marginal values involved, should not be undertaken on any other basis.

*Ballam Sample
assayed 9/14/44 @ 35.00
OK 9/14/44*

George A. Ballam

714-18

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date

5/29/44

1. Mine *Gold Knob*
3. Mining District & County *Vulture, Maricopa*
4. Former name
5. Owner *Ed Kay*
7. Operator
9. President, Owning Co.
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Men Employed
18. Operations: Present

2. Location *1 1/2 mile by road (NW from
3/4 crow miles S Vulture*

6. Address (Owner) *Wickenburg
Box 362*

8. Address (Operator)

- 9A. President, Operating Co.

14. Principal Minerals *- gold*

15. Production Rate

16. Mill: Type & Cap.

17. Power: Amt. & Type

19. Operations: Planned

GOLD KNOB			
Au, Cu			
Maricopa	7 - 3	T 6 N, R 6 W	
Ed Kay, Box 362, Wickenburg			
'45			

20. Number Claims, Title, etc.

21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition

23. Geology & Mineralization

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body 5' deep.

Has 75' long- 3' wide, Trench - crosscutting vein
Think have True extension Vulture Vein.

25. Mine, Mill Equipment & Flow-Sheet

Trench shows. Au. 3⁰⁰

Cu 2% +

Ag Little

Pb "

26. Road Conditions, Route

27. Water Supply

28. Brief History

29. Special Problems, Reports Filed

30. Remarks

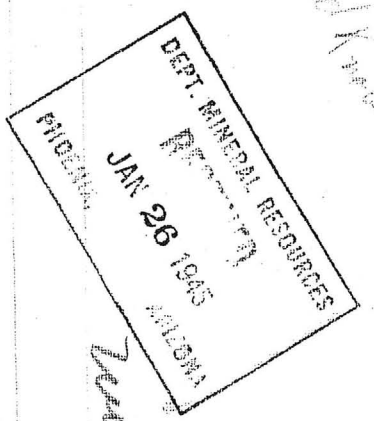
31. If property for sale: Price, terms and address to negotiate.

Wants to make some kind of arrangements so can develop

32. Signature Ed Kay

33. Use additional sheets if necessary.

Sold to me



unfurling any

Jan 25/1945

Mr. Chase H. Dunning

Phoenix

Dear Chase I am sorry to
hear you have had this

letter from the Prison

and hope Ray W. Mose

knows for me that I

am sure if at all possible

at present with the letter

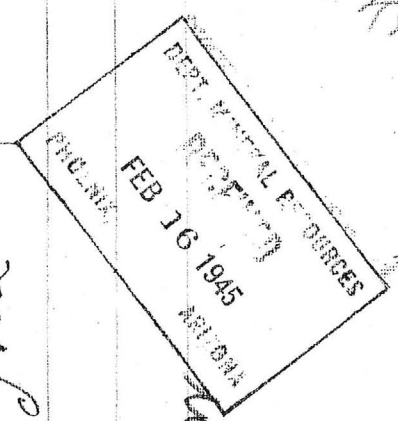
and your truly

Ed Hay

PS I mailed them a

copy of the essay also

Sold to me



unfurling any

Feb 14/1945

Mr. Chase H. Dunning

Phoenix

Dear Mr. Dunning I am

sure you will be glad to

hear from me and I

am sure if at all possible

at present with the letter

and your truly

Ed Hay

PS I mailed them a

copy of the essay also

PS will call in spirit

Chase

DEPT. MINERAL RESOURCES
RECEIVED
 OCT 23 1944
 PHOENIX, ARIZONA

Oct 23

Mr. Elmer H. Dunning
 Phoenix, Ariz.

Dear Elmer

Reply to your letter
 Oct 17. I find these parties
 offered a good deal
 but wanted to tie them
 property up long enough
 as you said if one
 will go to work and get
 it out I might as well then
 recommend the following after
 that as to the fact you
 can soon as possible
 your truly Ed. H. D.

DEPT. MINERAL RESOURCES
 PHOENIX
 JAN 20 1945
 PHOENIX

Mr. Elmer H. Dunning
 Jan 19-1945
 Elmer H. Dunning
 Phoenix, Ariz.

Dear Mr. Dunning
 I have been cleaning up
 the cut where you and I
 went and placed it and
 have put the away on it
 up to date you can take
 a copy of it and then
 please mail it back to me
 free glad to get the Blue
 print on this property
 at your earliest convenience
 hoping to hear from you
 by return mail
 yours truly Ed. H. D.

DEPT. MINERAL RESOURCES
RECEIVED
SEP 22 1944
ARIZONA

Mr. Charles H. Dunning

Dear Mr. Dunning

I am at Windfall
and here at home
I can select you at the
Postoffice but what
time Tuesday morning
to go with you and Ed
to the Elmore

Yours truly

Ed Kay

Wickenden Aug
Sept 21, 1944

DEPT. MINERAL RESOURCES
RECEIVED
OCT 11 1944
ARIZONA

Wickenden Aug
Oct 10, 1944

Mr. Charles H. Dunning

Dear Mr. Dunning

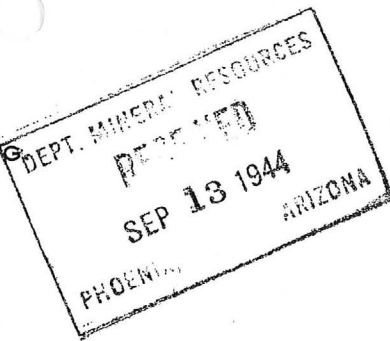
Here you and Mr. Sweeney
even allowed out any thing
or any chance if we support
kind of a deal it will keep
that just prevent a way
down so make a offer if
don't want it would be glad
to have both of you
report on it when as
possible as close a note
it fairly preparing on it
Yours truly

Ed Kay

John K. ...

PHILIP WISEMAN

1206 PACIFIC MUTUAL BLDG
LOS ANGELES



September 12, 1944

Mr. George A. Ballam, Ass't to Director
Department of Mineral Resources
304 Home Builders Building
Phoenix, Arizona

Dear Mr. Ballam:

Kenneth is, I think, at this date at the Hotel Bowman, Nogales, Arizona. I have forwarded to him a copy of your letter to him dated September 7th, about some claims adjoining the VULTURE MINE, near Wickenburg.

What you have to say about this property is quite interesting and I hope that we will be able to get someone on the property in the near future. All our force is busy on other matters at this time.

Kenneth will leave Nogales within a few days to go into Mexico and will be gone some time.

I note the owner of the property you mention is William Kay, of Wickenburg. Can you give me any idea of what Kay asks for the property and what kind of deal he may have in mind?

With kind regards, I am

Yours very truly,


PHILIP WISEMAN

PW:RC

cc-Box 495, Tucson, Arizona
cc-PKW, Bowman, Nogales

YAVAPAI COUNTY COUNCIL

ARIZONA SMALL MINE OPERATORS ASSOCIATION

THE SMALL MINE OF TODAY IS THE PRODUCER OF TOMORROW

EXECUTIVE COMMITTEE

ACTIVE MEMBERS

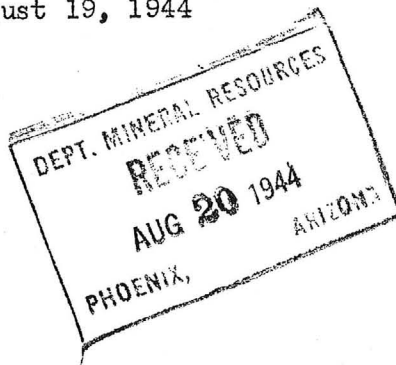
W. C. BROADGATE
FRED GIBBS
H. F. MILLS
LEO T. STACK
GRACE M. SPARKES
WM. F. FITZGERALD
W. H. BROADGATE
A. C. NEBEKER
J. W. STILL
JACK BRANCH
H. P. HOPKINS
CHAS. M. SHAW
HOMER R. WOOD
VIC HALE
FRED D. SCHEMMER

HONORARY MEMBERS

HON. CARL HAYDEN
HON. ERNEST MCFARLAND
HON. HENRY F. ASHURST
HON. JOHN R. MURDOCK
HON. THOMAS E. CAMPBELL
LT. HARRIE B. STEWART

Prescott, Arizona

August 19, 1944



HEADQUARTERS: GROUND FLOOR
OF THE COURTHOUSE, PRESCOTT,
ARIZONA.

ADDRESS . . . P. O. BOX 346
TELEPHONE 180

OFFICERS

CHAIRMAN
H. F. MILLS
1ST VICE-CHAIRMAN
FRED GIBBS
2ND VICE-CHAIRMAN
LEO T. STACK
SECY.-TREASURER
GRACE M. SPARKES

Mr. C. H. Dunning, Director
Arizona Department of Mineral Resources
Home Builders Building
Phoenix, Arizona

Dear Mr. Dunning:

We have received the following communication from

Mr. Ed Kay, P. O. Box 362, Wickenburg, Arizona:

"Dear Sirs: In regards to my application of
my mining property which has been turned in for
inspection, would be glad to have your engineer
look into this matter at once."

This properly belongs with you, in view of the fact that
we do not have an engineer working in our district at the
present time.

Sincerely,

YAVAPAI COUNTY COUNCIL A.S.M.O.A.

Grace M. Sparkes, Secretary

GMS:ec

WICKENBURG ORE MARKET

Assay Certificate
John C. Herr, Assayer
Wickenburg, Arizona

Jan. 12th, 1945

Ed Kay

	Gold		Silver		Total Value
	Ozs. Ton	Val. Ton	Ozs. Ton	Val. Ton	Per Ton
Sample	0.07	\$2.45	0.20	\$0.14	\$2.59

Gold at \$35.00 per Oz.

Copper at Smelter Settlement

/s/ John C. Herr, Assayer

August 29, 1944

MEMORANDUM

TO: George A. Ballam

FROM: Chas. H. Dunning

We had promised Mr. Ed Kay, Box 362, Wickenburg, Arizona, some time ago that we would take a look at a property he has near the Vulture.

Brown didn't get to it before he left. Kay has special reasons why he needs to have it looked at without much more delay and Nebeker won't be available until October 1.

Therefore when you are here the week of September 5th to 9th it would be well for you to take a run up there. I will be in Duncan, etc. all that week.

Write to Ed Kay, Box 362, Wickenburg, a day or so ahead and tell him what time to meet you at the Post Office in Wickenburg. Have your Mineral Resources sign on the car.

Sorry to miss you next week. You and Mrs. Porter will have to hold down the fort.

CHD:LP

Sold March

May 28, 1945

MEMORANDUM

TO: George A. Ballam

FROM: Chas. H. Dunning

Ed Kay was in this morning and said he had gotten clear from Dietrich and wanted to give you a 30-day exclusive deal.

So I presume it is O.K. for you to go ahead and make a deal.

CHD:LP

CC: Ed Kay

May 29, 1944

MEMORANDUM

TO: B. W. Brown

FROM: Chas. H. Dunning

A man by the name of Ed Kay, Box 362, Wickenburg, was in this morning with a story about a prospect he has near the Vulture Mine.

His claim is called the Gold Knob and is located about $3/4$ mile (air line) or $1-1/2$ miles by road NW from the Vulture.

Kay says he has made an open cut 75 ft. long, 5 ft. deep and about 4 ft. wide across the vein and it shows \$83.00 au., 2%-3% cu., with a little silver and lead. He thinks he has the true extension of the Vulture vein.

You might look into this when you can combine it with other work in the district. It would be well to let Kay know at his Wickenburg address some days in advance so he can go with you.

CHD:LP

Gold Kink

August 24, 1944

Mr. Ed Kay
P. O. Box 362
Wickenburg, Arizona

Dear Sir:

Miss Grace Sparkes of Prescott has just written us quoting a letter from you regarding an examination of your property near Wickenburg.

We had this on Engineer Brown's slate some time ago but Brown left the service of the Department on August first without getting it done. We will not have a new engineer in that district until October first.

If the matter is exceedingly important we could possibly send an engineer from one of the other district, but would not want to do so unless there were some special reason.

So please let us know just what the situation is.

Yours very truly,

Chas. H. Dunning
Director

CHD:LP

CC: Miss Grace Sparkes

September 11, 1944

Sold Note

MEMORANDUM

TO: George A. Ballam

FROM: Chas. H. Dunning

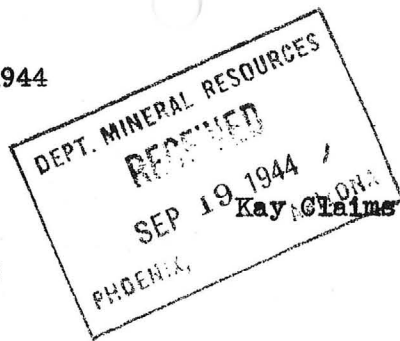
Herewith is copy of letter from Ed Kay of Wickenburg:

"In regards to the sample we brought in the assayer at Congress were shut down. I had it run at Wickenburg John C. Herr assayer he made only 1.47 per ton gold at 35 per ounce and all of the rest run 2.40 were the laast that was assayed as I told you so you will know as ever."

You know all the answers so I will leave it to you to write Mr. Kay.

CHD:LP

Sept. 18, 1944



MEMORANDUM

To: Director, Dept. Mineral Resources
From: George A. Ballam

I am trying to get the Mudd-Wiseman interests to go into this area and do some considerable sampling, which will be absolutely necessary before anyone will consider taking over a low-grade property of this nature. The thing is so marginal, even considering an increase in price, that its only saving grace appears to be a potentially large tonnage.

Mr. Philip Wiseman has expressed interest, and as soon as he could get in touch with his son Kenneth, which he was endeavoring to do - Kenneth at present being in Sonora, Mex. - he will make further contacts. I hope Kay doesn't become too impatient, because I feel that something constructive has been accomplished by getting this firm to consent to look into the matter.

Kay held out the hope that some Wickenburg money was interested in a small way, and he was anxious to interest them through a favorable report from this department. I believe my report made a couple of weeks ago will demonstrate that this thing can only be considered as a possible big low-grade which must be very carefully sampled, and under such conditions it is going to be at least a \$20,000 job to do the necessary cutting with possible drilling indicated. I believe it would be money thrown away to go at it from any other angle. Will keep you posted on developments from the Mudd-Wiseman angle which should materialize in a few days.

George A. Ballam

Sold to Kay

Sept. 20, 1944



MEMORANDUM

Key Claims (Vulture)

To: Director, Dept. Mineral Resources
From: George A. Ballam

The enclosed letter from Mr. Philip Wiseman re Kay claims is self-explanatory. While I did not discuss any price with Mr. Kay, I know he is anxious to sell. The Wiseman people are interested, and if the down payment is not too stiff, will probably look into the matter. It is going to be quite a costly sampling job, hence the indisposition to put up too much advance money.

desired

If Mr. Kay will furnish the ~~above~~ information it might lead to a deal.

George A. Ballam

October 11, 1944

Mr. Ed Kay
Box 362
Wickenburg, Arizona

Dear Mr. Kay:

Mr. Dunning will be out of town for
the rest of this week but your letter will be
called to his attention immediately upon his
return to the office.

Yours very truly,

Secretary

lp.

Submitted

October 17, 1944

Mr. Ed Kay
Box 362
Wickenburg, Arizona

Dear Ed:

I haven't seen Sweeney for some time. Think he is on a trip to New Mexico.

Ballam is apparently waiting for the Wiseman people to take some action.

I told them both that I thought a few angle drill holes across the formation would be the cheapest way to sample the property and at the same time get a little depth.

I assumed that you would not want a payment before such work could be done.

I wouldn't wait for either one of these if you have anyone else you can interest.

Yours very truly,

Chas. H. Dunning
Director

CHD:LP

old book

January 23, 1945

Mr. Ed Kay
Wickenburg, Arizona

Dear Ed:

We have your letter enclosing the
assay and have made a copy.

How did you come out with the
Wiseman engineer?

Yours very truly,

Chas. H. Dunning
Director

CHD:LP
Enc.

Gold Knob ~~Ed Kay Claims~~

T. 6 N., R. 6 W. (adjoins Vulture mine on the west)
Maricopa County

reference: Arizona Dept. of Mineral Resources
Gold Knob Mine (file)

present owner:

minerals: gold, copper

history of the area:

in 1944 the property belonged to Ed Kay who
sampled the area. His assays ran about
\$2.50 in gold — the highest being \$8 - \$10,
the lowest, \$2.40.

geology:

granitic and rhyolitic porphyry with
andesitic schist.

property consists of 7 unpatented claims

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date Feb. 19, 1945
 Name of Mine Gold Knob Mine
 Owner or Operator J. E. Dietrich
 Address Adams Hotel, Phoenix
 Mine Location Vulture Dist., Maricopa Co.

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling) ☒; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	1	800	40
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

.....

REMARKS:

Applicant is now sampling the Gold Knob and other mines in Maricopa and Yuma Counties.
 Suggest he be given 40 gallons gas per month for next 2 months. Or total of 80 gallons.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By A. MacFarlane

W. H. ...

Twice my son

Sept 9 - 44

DEPT. MINERAL RESOURCES
RECEIVED
SEP 9 1944
ARIZONA
PHOENIX

George A Ballam

Dear Sir

*in regard to the sample
we brought in the assays
at Congress were shut down
I had it run at Wickertburg*

*John E Henninger
he made only 147 per
ton gold at 3 1/2 per
ounce and all of the
rest run 240 were the
least that was assayed
as I told you no you
will know or even*

Edley