



## **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: 07/16/2004

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: DEFENSE ANTIMONY

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 673

LOCATION: TOWNSHIP 8 N RANGE 2 E SECTION 25 QUARTER SW  
LATITUDE: N 34DEG 00MIN 20SEC LONGITUDE: W 112DEG 06MIN 35SEC  
TOPO MAP NAME: SQUAW CREEK MESA - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:  
ANTIMONY OXIDE

BIBLIOGRAPHY:  
USGS SQUAW CREEK MESA QUAD  
ADMMR DEFENSE ANTIMONY FILE  
ADMMR "U" FILE  
CONFLICTING LOC SEC 36-T8N-R2E-ADMMR "U" FILE

REFERENCES

DEFENSE ANTIMONY

USBM "U" File

MILS Sheet sequence number 0040130251

Mr. Del Peterson of Carefree, came in to talk of his antimony deposit, Defense, near New River. Wants suggestions as how to mine a 6" streak of 30% Sb.  
GW WR 8/14/70

---

Accompanied Del Peterson to his antimony deposits (Defense) near New River. The best showing crops out for over 400 ft. & is 4" - 8" wide quartz vein in very fissile schist. It strikes  $\pm$  N.  $45^{\circ}$  E. and dips nearly vertical as seen in a 50' shaft. This vein is well mineralized for about 200 ft. north of the shaft but shows only slight mineralization to the south. The other stibnite & quartz vein is about  $\frac{1}{2}$  mile east of the above. It strikes about the same but dips about  $50^{\circ}$  NW, where seen in a shaft. The quartz is somewhat wider here (8" - 1') but is not so consistently mineralized as the first vein. Due to the fact that the first vein parallels the hillside, Mr. Peterson says he will use his dozer to rip & doze a big trench alongside the vein and then peel the quartz off clean. He has an arrangement with a research company in Phoenix to use one of their furnaces which has a capacity of about 4 tons of of 30% Sb ore in 24 hrs. He has conducted some experimental runs in the furnace. WR GW 9-21-70

---

## Antimony

5 mining claims, on leased state land.  
New accessory opened up by a 43 foot  
shaft showing oxidized ore in schist.  
Outcrop shows ore 200 feet in length.  
Good road to property 2 miles from  
State highway. ~~See~~ Representative  
sample from ore taken out in sinking  
shaft shows 47% antimony. For sale  
I will consider offer.

Black Canyon Mining District.

2 January 1942

Mr. R. T. Renfro,  
1934 West Monroe Street,  
Phoenix, Arizona.

My dear Jake:

I am enclosing herewith a copy of Mine Owner's Report covering the DEFENSE ANTIMONY MINE located in Maricopa County, and which has been filed in this office.

I shall be glad to submit a copy of this report to anyone making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and with best wishes for the New Year, I am

Yours very truly,

J. S. Coupal

JSC-jrf  
encl.

DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT

Date: November 28, 1941.

- 1. Mine: DEFENSE ANTIMONY MINE
- 2. Location: 41 mi. N. of Phoenix, near Orizaba Mine.
- 3. Mining District & County: Black Canyon Mining District, Maricopa County, Arizona.
- 4. Former Name: New discovery.
- 5. Owner: R. T. Renfro
- 6. Address (Owner): 1934 W. Monroe St., Phoenix, Arizona
- 7. Operator:
- 8. Address (Operator):
- 9. President, Owning Co:
- 9A. President, Operating Co:
- 10. Gen. Mgr:
- 14. Principal Minerals: Antimony.
- 11. Mine Supt:
- 15. Production Rate:
- 12. Mill Supt:
- 16. Mill - Type & Cap:
- 13. Men Employed:
- 17. Power - Amt. & Type:

- 18. Operations - Present:
- 19. Operations - Planned:

DEFENSE ANTIMONY MINE

Antimony

Maricopa 7 - 2 T 8 N, R 3 E

R. T. Renfro, 1011 W. Jefferson, Phoenix

*unclaimed 6-11-46*

- 20. Number Claims, Title, etc: 5 claims. Held under lease from State.
- 21. Description - Topography & Geography:
- 22. Mine Workings - Amt. & Condition: New shaft - 43' deep.

(Mr. Cox gets Antimony from the ore - his own sample.)

23. Geology & Mineralization: A true fissure in Yavapai schist.
24. Ore - Positive & Probable, Ore Dumps, Tailings: Oxide of Antimony protrudes from ground about 300 feet.
- 24A. Dimensions and Value of Ore body: Undeveloped.
25. Mine, Mill Equipment & Flow-Sheet:
26. Road Conditions, Route: State Highway, 41 miles N. of Phoenix, good road balance of 3 miles.
27. Water Supply: Struck water at 43 feet.
28. Brief History: It was not discovered until December 23, 1940, this being senarmontite and looking like anything but ore.
29. Special Problems, Reports Filed:
30. Remarks: I refer you to J. S. Coupal, 518 Title & Trust Bldg., and Mr. Cox, Telephone 44601, Phoenix, Arizona.
31. If property for sale - Price, Terms and address to negotiate: Open to offer.
32. Signature: (Signed) R. T. RENFRO,  
1934 W. Monroe St.,  
Phoenix, Arizona.

(Mr. Cox gets 47% antimony from the ore pile - his own sample).

DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT

Date: November 28, 1941.

- 1. Mine: DEFENSE ANTIMONY MINE
- 2. Location: 41 mi. N. of Phoenix,  
near Orizaba Mine.
- 3. Mining District & County: Black  
Canyon Mining District, Maricopa  
County, Arizona.
- 4. Former Name: New discovery.
- 5. Owner: R. T. Renfro
- 6. Address (Owner): 1934 W. Monroe St.,  
Phoenix, Arizona
- 7. Operator:
- 8. Address (Operator):
- 9. President, Owing Co:
- 9A. President, Operating Co:
- 10. Gen. Mgr:
- 14. Principal Minerals: Antimony.
- 11. Mine Supt:
- 15. Production Rate:
- 12. Mill Supt:
- 16. Mill - Type & Cap:
- 13. Men Employed:
- 17. Power - Amt. & Type:
- 18. Operations - Present:
- 19. Operations - Planned:
- 20. Number Claims, Title, etc: 5 claims. Held under lease from State.
- 21. Description - Topography & Geography:
- 22. Mine Workings - Amt. & Condition: New shaft - 43' deep.

T8N R3E

(Mr. Cox gets his testimony from the ore file - his own sample.)

23. Geology & Mineralization: A true fissure in Yavapai schist.
24. Ore - Positive & Probable, Ore Dumps, Tailings: Oxide of Antimony protrudes from ground about 300 feet.
- 24A. Dimensions and Value of Ore body: Undeveloped.
25. Mine, Mill Equipment & Flow-Sheet:
26. Road Conditions, Route: State Highway, 41 miles N. of Phoenix, good road balance of 3 miles.
27. Water Supply: Struck water at 43 feet.
28. Brief History: It was not discovered until December 23, 1940, this being senarmontite and looking like anything but ore.
29. Special Problems, Reports Filed:
30. Remarks: I refer you to J. S. Coupal, 518 Title & Trust Bldg., and Mr. Cox, Telephone 44601, Phoenix, Arizona.
31. If property for sale - Price, Terms and address to negotiate: Open to offer.
32. Signature: (Signed) R. T. RENFRO,  
1934 W. Monroe St.,  
Phoenix, Arizona.

(Mr. Cox gets 47% antimony from the ore pile - his own sample).

- 23. Geology & Mineralization a true fissure in gavaipi schist
- 24. Ore: Positive & Probable, Ore Dumps, Tailings oxide of antimony protrudes from ground about 300 ft.
- 24A. Dimensions and Value of Ore body undeveloped  
get width of outcrop a run (with 50 min ?)
- 25. Mine, Mill Equipment & Flow-Sheet
- 26. Road Conditions, Route State highway 41 miles, good road balance 37 miles
- 27. Water Supply struck water at 43 ft.
- 28. Brief History This being senarmontite and looking like anything but ore, it was not discovered til Dec 23-1940
- 29. Special Problems, Reports Filed
- 30. Remarks I refer you to Sam Coupal and Mr Cox phone 44601
- 31. If property for sale: Price, terms and address to negotiate. open to offer
- 32. Signature R. J. Neufro
- 33. Use additional sheets if necessary. (Mr Cox gets 47% antimony from the ore pile) his own sample

23. Geology & Mineralization a true fissure in javaipe schist
24. Ore: Positive & Probable, Ore Dumps, Tailings oxide of antimony protrudes from ground about 300 ft.
- 24A. Dimensions and Value of Ore body undeveloped  
get width of outcrop on view
25. Mine, Mill Equipment & Flow-Sheet
26. Road Conditions, Route State highway 41 miles, good road balance 3 miles
27. Water Supply struck water at 43 ft.
28. Brief History This being senarmontite and looking like anything but ore, it was not discovered till Dec 23-1940
29. Special Problems, Reports Filed
30. Remarks I refer you to Sam Coupal and Mr Cox phone 44601
31. If property for sale: Price, terms and address to negotiate. open to offer
32. Signature R. T. Penfro
33. Use additional sheets if necessary. (Mr Cox gets 47% antimony from the ore h.i.o.) his own sample

30 So. Main St.

P. O. Box 1889

# Jacobs Assay Office

PHONE Main 2-0813



## Registered Assayers

~~DUPLICATE~~

Certificate No. 61076

Tucson, Arizona, March 16 1961

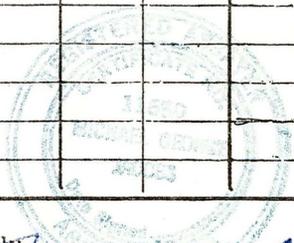
Sample Submitted by Mr. D.M.R.

SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per cent Wet Assay	Per cent Wet Assay
<del>BC-2</del>	<del>0.134</del>	<del>\$</del>	<del>11.60</del>				
<del>North</del>	<del>0.014</del>		<del>20.05</del>				
<del>BC #1</del>	<del>0.014</del>		<del>20.05</del>				
<del>Antimony Prose.</del>	<del>Trace</del>		<del>20.05</del>				

Fire Assay L = LOSS THAN  
Gold figured \$35.00 per oz. Troy

Very respectfully

Charges \$ 30.00



30 So. Main St.

P. O. Box 1889

# Jacobs Assay Office

## Registered Assayers



PHONE Main 2-0813

### DUPLICATE

Certificate No. 61101

Tucson, Arizona, 16 - March 1968

Sample Submitted by Mr. Dept. of Mineral Resources

SAMPLE MARKED	GOLD Ozs. per ton ore <input checked="" type="checkbox"/>	GOLD Value per ton ore <input checked="" type="checkbox"/>	SILVER Ozs. per ton ore <input checked="" type="checkbox"/>	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	ZINC Per cent Wet Assay	Per cent Wet Assay <input checked="" type="checkbox"/>
<u>BC-2</u>		\$		<u>2.03</u>	<u>1.40</u>	<u>.25</u>	
<u>BC-11</u>				<u>3.75</u>	<u>.05</u>	<u>.03</u>	
<u>Dudman's Proc.</u>				<u>.05</u>	<u>.05</u>	<u>Trace</u>	
<b>DEFENSE ANTIMONY, MARICOPA COUNTY</b>							
<u>H</u>							



\* Gold Figured \$35.00 per oz. Troy

Very respectfully,

Charges \$ 4.50

*Michael George Jacobs*

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
304 HOME BUILDERS BUILDING  
PHOENIX, ARIZONA



*Defense Antimony*

*gone*  
*23m*

Mr. R. T. Renfro  
~~1011 W. Jefferson~~  
Phoenix, Arizona

RETURN  
WRITER  
UNCLAIMED

