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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SILVER KING

ALTERNATE NAMES:

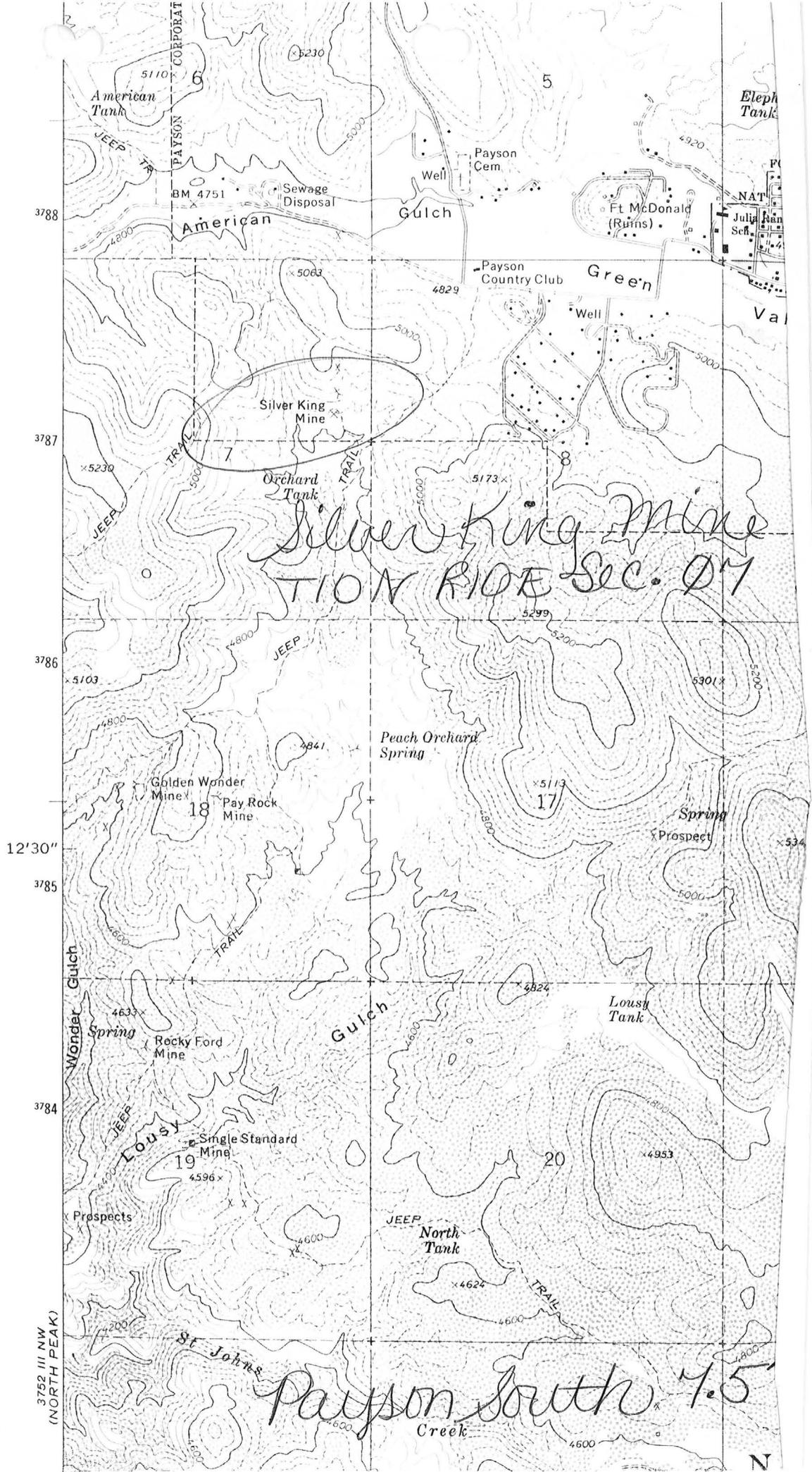
GILA COUNTY MILS NUMBER: 485A

LOCATION: TOWNSHIP 10 N RANGE 10 E SECTION 7 QUARTER E2  
LATITUDE: N 34DEG 13MIN 36SEC LONGITUDE: W 111DEG 21MIN 41SEC  
TOPO MAP NAME: PAYSON SOUTH - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
SILVER  
GOLD  
COPPER  
LEAD

BIBLIOGRAPHY:  
USGS PAYSON SOUTH QUAD  
ADMMR SILVER KING FILE



Silver King Mine  
SECTION RIDE Sec. 07

Payson South 7.5

3752 III NW  
(NORTH PEAK)

12'30"

3788

3787

3786

3785

3784

N

SILVER KING

GILA COUNTY  
T10N R10E Sec. 07

10N 10E Sec. 7

USGS P.P. <sup>Revised</sup> 342 p. 98-ND

See: Gila Monster (file) Report by Scott Fairbetter, Consultant Geologist

See: Carolyn D. (file)

Payson South 7.5' Topo (included in file)



# Rincon archaeology



*Cultural Resource Consultants*

July 1, 1997

Ken Phillips  
Arizona Department of Mines  
1502 West Washington  
Phoenix, Arizona 85007-3210

Dear Ken:

Enclosed is a check for \$1.50 for photocopying of "each unique page" of the file for the Silver King Mine, located in Gila County, T10N, R10E, Section 7, NE corner. Please return the copies to me at P.O. Box 2218, Durango, Colorado. I appreciate your time, particularly as this seems to be exactly the type of information I need.

Sincerely,

Sarah Horton  
Lab Director

P.O. Box 2218  
Durango, Colorado 81302  
(970)259-4323

20 Stutz Bearcat #6  
Sedona, Arizona 86336  
(520)282-1544

Since my last visit these men have opened up an old tunnel on the Silver King No. 2 claim, that follows along a strong shear zone, into a low ridge, for about 65 feet. This tunnel was originally 100 feet long, but the 35 feet from the portal is caved and is now mostly an open cut. The maximum attainable depth below the ridge crest would be about 70 feet. The shear zone is in strongly epidotized diorite porphyry that is fine textured. The zone is about 6' wide and 2' of this is composed of a breccia that is iron stained by red and yellow limonite. The limonite contains pockets of copper carbonates and thin veinlets of calcite. Two of the pockets of bright red limonite contain gold. The limonite appears to have been derived from the oxidation of pyrite containing some chalcopyrite or bornite. The maturity of the limonite indicates that the sulphides would be deep below the outcrop if they were not largely oxidized. The better limonite is narrow, averaging less than 1' in width. This shear certainly is a continuation of the one that was opened up on the Silver King No. 1 claim. There the gold-copper mineralization, while lenticular was stronger, and appreciable production was attained earlier. The shear is stronger and has a wider limonite saturated zone. On both claims the shear zone has a well defined smooth hanging wall and an indefinite footwall. The tunnel on the No. 2 claim and the cluster of shallow workings on the No. 1 are at least 1500' apart, but the shear is shown in two shallow cuts between them, by only a few iron stained bands, the rest of the length being obscured by a heavy soil mantle. The workings on the No. 2 claim are at least 250-300 feet higher in elevation than those on the No. 1 claim. The limonite of the lower workings is less mature. For the foregoing reasons it was recommended that the upper working (tunnel) be stopped and work concentrated on the No. 1 claim.

Memo LAS 2-27-63

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Henry Haught has completed his work for this year on the Hillside and Silver King groups. ASMOA Conf. LAS 6-27-63

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Mr. Haught showed me some specimens from his Silver King and Hillside groups of claims. He has done practically no work on the claims, just enough to count as assessment work. He says he is now unable, either physically or financially, to do more. His sole interest appears to be in getting some responsible company to buy his claims. However, he says that the various engineers who have examined them have always turned them down.

Robert F. Playter - Payson Conf. - 10-24-67

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KAP WR 6/10/83: In the company of James Bond II, a visit was made to the Silver King Mine, Green Valley District, Gila County. Old workings and dumps have been dozed and cut such that little is recognizable. One short drift is partially open and was run on a gouge zone in weathered granite.

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(Note date out of sequence)

KAP WR 2/27/81: Al Bishop, phone 992-1727, reported he is doing a little work around the mine he calls the Silver King, near Payson. He wanted to know the identification of a heavy white (quartz-looking, he said) material that was being concentrated with the "heavies". Both cerussite or barite were suggested. Particularly the latter.

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Silver King Mine Date 10-24-62  
District Green Valley Dist., Gila Co. Engineer Lewis A. Smith  
Subject: Mine Visit With Henry Haught, Payson (Owner).

Location: Sec. 7 - T10N, R10E. (2 miles west of Payson)

Mineral: Silver, gold, copper.

Work: The work consists of an old 75-foot shaft now filled to within 20 feet of the surface. At 20 feet below the surface, a short adit from the shaft N, is connected with the shaft, (probably was about 30' long) but the adit is now mostly an open cut. The adit was continued by Haught to the south of the shaft for 20 feet. At the face a strong shear is seen, 2 feet of this shear being well mineralized.

Geology: The country rock is largely diorite cut by a shear zone, at least 25 feet wide, which strikes approximately N10 degrees E and is generally vertical. Hydrothermal alteration extends out from the shear an undetermined distance, but is present in a cut above the adit for at least 40 feet in width. This alteration should continue to a dike 50 feet to the east.

The more concentrated mineralization is 2-3 feet wide. Within this more concentrated zone two samples were taken, which averaged 11.5 ounces silver and 0.18 ounces gold per ton. Lenses composed of copper-bearing material run about 4-5 percent copper; the copper minerals are essentially malachite with minor cuprite. The zone appears to be widening toward the south. Accessory minerals include calcite, epidote, iron oxides and chlorite, the epidote being spread over the entire wider mineralized zone. About 50 feet or more, east of the shear zone, a porphyry dike is seen. This roughly parallels the shear zone. Both the shear and the dike are intermittently traceable for several hundred feet each way from the workings. The adit could attain at least 100 feet below the surface in the saddle to the south. From the condition of old timber, at the old shaft, it was estimated that the original work was done many years ago. The porphyry dike appears to be andesitic in character, but is severely altered. The diorite bordering the dike is severely shattered and iron-stained.

MEMO

SILVER KING

June 8, 1962

Green Valley Dist., Gila Co.

Since the last visit Henry Haught has started an adit, now in 20 feet, along a brecciated zone in dioritic material. The adit is calculated to intercept a trans-verse fracture at about 150 feet below the surface. The adit follows a fracture zone impregnated with epidote, limonite, hematite and quartz. The more mineralized zone appears to be widening in the floor of the adit, and here it is 18 inches wide as compared to 1-foot at the surface immediately above the face of the adit. It is possible that this zone is along a contact, but the rock is too badly altered to be able to say, now. Henry is sending in samples of the hematite stained area. This adit is about 100 feet NW of the workings described in a previous report, from which some good ore was recovered from similar gangue, in the past. Haught stated that some fine silver-gold ore was encountered there but was lost against a fault. He eventually plans to return to the old shaft (now partly filled) and clean it out. However, rough calculations indicated that he may have to go NW some 50 feet to find the faulted segment. The dips and trends of the vein and cross-fault are not well enough exposed for a certain determination.

LEWIS A. SMITH- Mine Visit and Interview with Henry Haught, Owner-6-6-62.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Silver King  
~~(Big Boy Mine)~~

Date June 8, 1960

District Green Valley Dist., Gila Co.

Engineer Lewis A. Smith

Subject: Mine visit with Henry Haught

Property: 2 claims (unpatented)

Location: T. 10 N., R. ~~29~~<sup>10</sup> E. (approx Secs. 17-18)

Owner: Henry Haught, Box <sup>372</sup>327, Payson, Arizona.

Access: 1 mile by paved road west of Payson, thence  $1\frac{1}{2}$  miles to the southwest by primitive road.

Mineral: Copper and gold, with some lead and silver.

Work: Two shafts have been sunk on one claim and these are about 40 feet apart. The first is about 70 feet deep and the first 30 feet of this is on about a 65 degree incline to the southwest, and the last 40 feet is on a 60 degree incline. This shaft followed a mineralized shear for 30 feet and then apparently left the main shear and followed a secondary structure. The last 40 feet had no noticeable mineralization. The second shaft is inclined to the NE and follows down for 15 feet along a transverse fault which appears to be mineralized. The "vein" shear which was followed for 30 feet in the deep shaft shows up in the SE corner of this shaft.

Suggested Work: It was suggested that the area between the two shafts be uncovered to determine the true course of the mineralized shear. The strike is not definitely determinate but appears generally to be NE-SW and to dip southeast. Whether or not the fault terminates the mineralization (pre-mineral) or offsets it, could not be determined.

Geology: The shear and fault lie in a large area of diorite which at some distance from the workings, is locally cut by what appears to be andesite porphyry or diabase. However, the dikes were so severely altered by weathering that a field determination was not possible. The diorite fragments in the mineralized area were epidotized in a spotty manner, and strongly stained by iron oxides.

The ore minerals are malachite and chrysocolla with free gold. Associate minerals are hematite, limonite, calcite and some quartz. In spots lead appears as minium and cerussite, the latter being minor. The iron oxides appeared to be, in part, derived from the oxidation of the ferromagnesian minerals in the diorite. However, some limonite in the fractures and in vugs appeared to be of pyrite-chalcopyrite derivation. A little "relief" limonite, probably derived from chalcocite was found, but this is minor in comparison to the chalcopyrite-pyrite type.

Assays vary greatly, ranging from 1 to 15% copper and from \$5.00 to \$75.00 in gold. According to Mr. Haught, some good gold-bearing pods or lenses were found both here and in a cut further to the northwest.



12. Ore "Blocked Out" or "In Sight":

Ore Probable:

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts		
Raises		
Tunnels		
Crosscuts		
Stopes		

14. Water Supply:

15. Brief History:

Last ore and now found  
are on contract ore in place  
a little development should  
make a paying proposition

16. Remarks:

17. If Property for Sale, List Approximate Price and Terms: \$30,000

Terms to be available to parties  
concerned.

18. Signature: Henry F. Haught P.O. Box 372

Union, Virginia

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

Date July 7, 1942

Mine  Silver King and No. 1 & No. 2

2. Location About 2 miles in a westerly direction from Payson Arizona

Mining District & County Little Green Valley

Gila County

Former name

Owner  Calvin N. Greer,  Henry F.

6. Address (Owner) Payson Arizona

Operator  Haught and  Walter L. Haught

8. Address (Operator)

North

9. President, Owinging Co.

9A. President, Operating Co.

10. Gen. Mgr.

14. Principal Minerals

Gold, silver, copper, lead  
(sulphur, manganese)

11. Mine Supt.

15. Production Rate

12. Mill Supt.

16. Mill: Type & Cap.

13. Men Employed

17. Power: Amt. & Type

18. Operations: Present

Not under operation at present

19. Operations: Planned

Continuing sinking a new shaft which was started last November 1941 from 27 feet to 150 ft. and cross cutting to bottom of old shaft on ore shut.

will

Silver King No 1 shaft 30 ft. deep

East

20. Number Claims, Title, etc.

Three claims unpatented

21. Description: Topography & Geography

Approximately main working 4800 ft high point 5000 ft low point approximately 4600 feet. land is rolling maoutainge range cut up with dry washes and creeks

South

22. Mine Workings: Amt. & Condition

Silver King No 1 shaft approxmate 85 feet on veine ; condition sound and timbered; headframe 28 feet high three short drifts, New shaft started approximately 27 feet deep this shaft sunk on cross veine.

**Geology & Mineralization**

Fissure vein Mailing a copy of analysis of ore taken out of ore streak from Silver King shaft width of streak ranging 4 to 12 inches in width.

**Ore: Positive & Probable, Ore Dumps, Tailings**

Ore dump of several tons approximately \$10.00 per ton Gold Silver Lead and Copper

**A. Dimensions and Value of Ore body** High grade streak 4 to 12 inches in 85 foot shaft. Sample of all waste dump from shaft from \$2.50 to \$10.00.

**Mine, Mill Equipment & Flow-Sheet**

Ore was milled at an old custom mill at Star Valley east of Payson we have no flow sheet showing values as they have been misplaced. All high grade ore was milled there that came out of shaft while sinking.

**Road Conditions, Route**

Road can be put in good condition for \$50.00 Road is passable the year around new low cars can get over it. Go west of Payson pass the fair grounds take left hand road to old Peach orchid. After crossing summit 1/4 mile first right hand road mine is visible distance of approx. 300 yards.

**Water Supply**

No water on mining claims ;spring west or creek with running water 3/4 mile on a patented home stead. About 3/4 mile south spring of running water

**Brief History**

This property was operated many years ago by a Justice of the Peace of Payson, ore taking from old diggings were milled by an old type mortar stamp mill several years later i have been told that the tailings were concentrated but have no record of what the values were.

**Special Problems, Reports Filed**

We have no engineers report on this property.

**Remarks**

We have shipping ore in sight in 85 foot shaft from top to bottom. It would take approximately \$13,000.00 to continue sinking the new 5 by 7 shaft to a depth of 150 ft. and cross cut approximately 75 feet and run a raises to 65 feet to connect with bottom of old shaft and run a cross cut drift at 100 ft level and raise 15 ft

If property for sale: Price, terms and address to negotiate. Will have to be a hoist and compressor

This property is for sale or Government loan. Price for sale \$30,000.00 or Government loan \$15,000 for developing and shipping all ores.

If Government loan should be obtained all ores shipped would replace the the Loan.

32. Signature.....

*By Calvin Greer*

Use additional sheets if necessary.

Owners Calvin M. Greer, Henry F. Haught and Walter L. Haught

COPY

THE COLORADO ASSAYING COMPANY

ASSAYERS AND CHEMISTS

July 3, 1942

Report on Complete Analysis submitted by Calvin N. Greer Payson Ariz.

SILVER KING MINING CLAIM  
80 Foot Shaft

<u>ELEMENTS PRESENTS</u>	<u>Percentage</u>
Moisture and Carbon Dioxide ---	4.55
Silica - - - - -	51.70
Iron Oxide - - - - -	21.19
Aluminum Oxide - - - - -	2.10
Calcium Oxide - - - - -	00.20
Magnesium Oxide - - - - -	1.52
Lead - - - - -	13.90
Zinc - - - - -	00.80
Copper - - - - -	2.20
Oxygen (combined as metal oxide)	<u>1.68</u>
	<u>99.84</u>

Gold .78 ounces per ton at \$35.00 per ounce  
 \$27.30 per ton.  
 Silver 3.40 ounces per ton at 71¢ per ounce  
 \$2.41 per ton.  
 Copper 2.2 percent at \$2.80 per unit  
 \$6.16 per ton.  
 Lead 13.9 percent at \$1.30 per unit  
 \$18.07 per ton.  
 Sulphur trace  
 Manganese trace  
 Platinum and Platinum group metals- none.

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REMARKS: The soft red and brown parts of this sample are a mixture of a green scaly Chlorite Schist (complete magnesium, iron, aluminum silicate) and red Hematite (iron oxide).  
 The hard gray part is chiefly white Quartz (silica), mixed with dark brown Iron Oxide.  
 The bright green mineral is an impure Chrysocolla (copper silicate).  
 The Lead occurs as a heavy light-gray Cerussite (lead carbonate).  
 The brown stains are Limonite (hydrous iron oxide).  
 The Gold, Silver, Copper and Lead are the only metals present of commercial value.

Respectfully submitted,  
 THE COLORADO ASSAYING COMPANY  
 BY EDMUND E. PHILLIPS

July 9, 1942

✓  
Mr. Calvin N. Greer  
Payson, Arizona

Dear Mr. Greer:

✓ Many thanks for your letter of July 7 with the report on the Silver King mining claims. We will place this in our files and call it to the attention of any inquiries which look favorable on a property of this type.

There is one thing you must bear in mind and that is that private capital is very reluctant to go into mining in spite of the fact that metals are all needed right now. This is due to the fact that there is a certain hazard in any mining and that the hazard will not be taken unless there is ample opportunity for the man taking the risk to retain and make some profit under Government regulations on excess profit taxes, income taxes, and so forth, it is difficult to retain any profit.

The only solution is an application for a Government loan. I suggest that you write William B. Gohring, supervising engineer, RFC Mine Loan Division, 325 Beard Building, Phoenix, and ask him to send you application blanks for a development mine loan, and that you carefully fill these out and follow the instructions given and mail these to RFC Mine Loan Division, Washington.

Yours very truly,

J. S. Goupal, Director

JSG:LP

CC: Fred H. Perkins

117  
9-13-42

Payson Arizona  
July 7, 1942

Mr. Sam Coupel  
Directory Department of Mineral Resources  
Phoenix, Arizona

Dear Sir:

Inclosed find report of Silver King mining claims and copy of Analysis from Colorado Assyaing Company. Would be glad to have you or some of your engineers to examine this property. The development work mentioned is on Silver King Claim. Silver King No. 1 has 12 foot hole has about 12 inch streak of copper ore. No. 2 has an old shaft which that was done several years ago we have done an open cut and short tunnel.

We would like to get this property working as it has minerals that are needed by the war department and shipping ore that can be taken out at start of work. There needs to be development work done to keep the mine producing.

Respectfully submitted,

Calvin N. Greer  
Payson Arizona