



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Reconstruction Finance Corporation Arizona Records

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.

325 Heard Bldg.
Phoenix, Arizona
May 22, 1944

*Declined
Padres-Hester Mine
Puma Co.*

TULLY - Asst. Chief - Mining Section RFC - Washington

Re: Charles G. Russell - Docket No. ND-5990

I enclose original and duplicate of my
report covering examination of applicants
property near Sells, Arizona.

I also enclose one copy of applicant's
application with supporting data.

Car
CHARLES A. RASOR
Supervising Engineer

CAR:MHV
Enclosures

COMMERCIAL BUREAU

RECONSTRUCTION FINANCE CORPORATION
MINING SECTION
Report of Supervising Engineer

Docket No. ND-5990

Date of Authorization: May 11, 1944

Date of Examination : May 16, 1944

Date of Report : May 20, 1944

1. NAME AND ADDRESS OF APPLICANT:

Charles G. Russell - 218 North Fourth Avenue - Tucson, Arizona

Correspondent: Applicant

2. CHARACTER OF PROJECT:

To explore, develop and mine copper ore by surface methods.

3. LOCATION OF MINE:

In unsurveyed portion of Papago Indian Reservation known as Cababi Mining District, Pima County, Arizona. The nearest railroad station is Tucson, Arizona - 80 miles by improved state highway. During rainy season when torrential rains come, the arroyos would be filled and impassable for hours.

4. APPLICANT:

Charles G. Russell, owns and operates a bicycle shop in Tucson and it is not known whether or not he has had any mining experience. He is familiar with mining terms and men. M. L. Sowles is a miner, now working for A. R. Byrd, Jr. who is operating a property under a Reconstruction Finance Corporation loan.

5. LOAN REQUESTED:

\$20,000.00

6. DESCRIPTION OF PROJECT:

Applicant holds by location five unpatented lode mining claims in the Cababi Mining District approximately 80 miles west of Tucson on the Tucson - Ajo highway. The property is in a desolate region and devoid of any equipment or camp facilities.

The two individuals, who compose the partnership, escorted me over the property. The claims cover a barren looking ridge between two north trending arroyos. I was first taken to a short cut near the arroyo. Here was exposed a fault contact between what appears to be a rhyolite porphyry and a flow andesite. At the contact was a slight mineralization of copper carbonate. Then we walked about 1500 feet southeast and nearly to the top of the ridge. Here was exposed a plug of copper stained rock. No samples were taken as applicant did not consider working here.

Next we walked over the ridge about 1000 feet to the east where a small cut exposed some copper stains. Next we walked to the crest of ridge and down about 1000 feet northwesterly to a series of open cuts on the side of the hill. Apparently a number of small shears had been opened in the past and the rock placed on the dump. As none of these cuts showed any faces to sample, three samples were taken of the dump ore. The assays on these samples are as follows:

	Au	Ag	Cu
No. 1 Grade dump	.02	1.5	4.00%
no. 2 Grade dump	.01	3.2	4.41
No. 3 Grade dump	.01	5.8	8.02

These samples are high enough in copper if they represented any worth while amount. Apparently very little work had been done on the property for some time as most of the cuts were partially filled with muck. Neither did any of the cuts expose ore that might extend more than a few feet below the surface. What ore could be seen occurred in narrow stringers in the rhyolite mass and without any great width. Mineralization consisted of malachite, chrysocallo, chalcocite and minor iron oxide. The fact that the entire ridge did not show any iron gooson indicates that the mineralization is not very extensive. Applicant believes that the entire mass is mineralized and is representative of the porphyry type of copper deposit. There may be an extensive deposit of copper underneath, but there is nothing on the surface nor in the cuts to substantiate such a belief. To substantiate this belief, the applicant wants \$20,000.00 to uncover the surface.

Previous shipments which have amounted to approximately 5 tons averaged about 5% copper.

There are a number of reasons why I cannot recommend a loan, namely:—

1. Applicant has not shown faith in the property. Cuts and shallow shafts were done years ago. No evidence of recent work. Applicant expects loan without properly dressing up the property.
2. Nature of work proposed by applicant is considered prospecting.
3. There is a complete lack of equipment and camp facilities.
4. Applicant has had little mining experience.
5. Even if there was a large body of silicious ore exposed there would be no market. Personal conversation with Brent N. Rickard, ore buyer for American Smelting and Refining Co., indicates that the Hayden Smelter will not take any new ore under any circumstances unless it is concentrates. They have already reduced the tonnage which some of our borrowers can send. This company does not look with favor to taking ore from new mines because it would mean cutting down on more stable producers. Applicant would receive but little more consideration from other smelters more distant. Thus there is very little to recommend this property. I do not recommend a loan.

CHARLES A RASOR
Supervising Engineer

Attachment
Assay Certificate

No. 248 Ra

Phoenix, Arizona,

CHAS. A. DIEHL

May 19, 1944.

ARIZONA ASSAY OFFICE

Phone 3-4001

815 North First Street

P. O. Box 1148

This Certifies That samples submitted for assay by

Mr. C. A. Rasor.

contain as follows per ton of 2000 lbs. Avoir.

Chas. Russel MARKS	SILVER		VALUE (Oz.)	GOLD		VALUE (Oz.)	TOTAL VALUE Of Gold and Silver	% PERCENTAGE			REMARKS
	Ounces	Tenths		Ounces	Hundths			SILICA(True)			
COMPO(1-2-3)								59.75			

No. 247 Ra

Phoenix, Arizona,

CHAS. A. DIEHL

May 18, 1944.

ARIZONA ASSAY OFFICE

Phone 3-4001

815 North First Street

P. O. Box 1148

This Certifies That samples submitted for assay by

Mr. C. A. Rasor.

contain as follows per ton of 2000 lbs. Avoir.

Chas. Russel		SILVER		VALUE (Oz.)	GOLD		VALUE (Oz.)	TOTAL VALUE	PERCENTAGE				REMARKS
No.	MARKS	Ounces	Tenths		Ounces	Hundths		Of Gold and Silver	COPPER				
1	Grab Dump	1.8			.02		\$.70	4.00					
2	" "	3.2			.01		\$.35	4.41					
3	" "	5.8			.01		\$.35	8.02					

Charges \$ 6.00

Assayer ARIZONA ASSAY OFFICE

