



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](mailto:inquiries@azgs.az.gov)

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Reconstruction Finance Corporation Arizona Records

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RECONSTRUCTION FINANCE CORPORATION

MINING DIVISION

REPORT OF SUPERVISING ENGINEER

Docket No. ND-5882

Date Exam. Authorized: Nov. 24, 1943

Date of Report: Dec. 7, 1943

1. Name and address of Applicant:

Name: W. E. Curtis  
Address: 109 Capitol St.  
Prescott, Arizona  
Correspondent: Same

2. Character of Project:

Development of gold-silver-lead-zinc deposit.

3. Location of Mine:

The mine is located in the Walker Mining District in Yavapai County, Arizona. Prescott, Arizona, which is the nearest rail point and supply center is 12 miles southeasterly by road from the mine. Eight miles of this road from Prescott is paved and the balance is good mountain road except the last half mile which has fallen into a state of disrepair and is presently impassable.

4. Applicant:

The applicant is a middle-aged man who has worked as a miner during the past eight years in various mines in the region. He was born in Prescott and has spent most of his adult life in cattle ranch work. His father, now deceased, settled in Prescott in the early nineties and at that time located the mining claim with which this application is concerned.

5. Loan Requested:

\$15,000

6. Description of Project:

A. General Features.

1. There are no mine workings, mill, or other appurtenances which are not confined within the applicant's ownership.
2. The project would comply with State compensation and safety first statutes.
3. There are no apparent legal discrepancies in the project.
4. There are no impeded right-of-way facilities.
5. There is no likelihood of surface or sub-surface trespass during the project.

B. Existing Development:

The mine is opened by adits and a shaft.

- (a) The map and other data furnished by the applicant are meager and poorly presented. The sketch which accompanies this report was made from a tape and compass survey of the more interesting portions of the property and indicates the samples taken during the examination.
- (b) Samples were cut across the vein with pick and maul.
- (c) The workings are very old and only a small part of them was accessible. The adit in which the applicant claimed the presence of ore was entirely accessible.
- (d) The property comprises three unpatented claims owned by the applicant and several members of his family. A copy of a quitclaim deed from other members of the family to this group accompanies the application.

The deposit under consideration is a quartz fissure vein containing gold and silver and small amounts of lead and zinc. The country rock is schist and the claims lie on a steep mountain slope. The vein can be traced at intervals through the three claims of the applicant and the development consists principally of two adits and a shaft on the central claim, and a long lower adit on the most southerly claim. The development was all done many years ago by the father of the applicant who worked the claims intermittently over a long period of years. The long lower adit, said to be 800 feet long, is completely inaccessible. The applicant had but little knowledge concerning it. The tunnel was begun as a crosscut and the applicant reports that it encountered a vein and dike at about 600 feet and followed this for some distance. No production was made from the tunnel and no ore is claimed to exist in it.

The present interest in the property is centered about the workings on the central claim. The lower (No. 2) adit here, in which the applicant claimed that ore was exposed, is a crosscut which cuts the vein at 60 feet and from this point the vein is drifted upon for a distance of 75 feet. The vein strikes N 10° West and dips 80 - 85° westerly. It varies from 6" to 4 feet in width and is composed of gouge material and fractured country rock with some quartz fragments. The vein is sparsely mineralized at several points with most of the mineralization occurring in a 4" quartz band at the north face of the drift where the vein is 26" wide. Samples Nos. 1, 2 and 3 were cut across the face from hanging wall to foot wall. Sample No. 1 represents a 4" hanging wall quartz band. Sample No. 2 represents iron stained gouge material, and Sample

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No. 3 represents crushed wall rock and thin gouge seams with a little quartz. Sample No. 1 contains a little sphalerite and pyrite and some galena. Samples Nos. 2 and 3 were only slightly mineralized, chiefly with pyrite. The quartz stringer in the face pinches out several feet back from the face. Sample No. 4 was cut across the vein 10 feet back from the face and contained gouge and country rock and some fragments of quartz with a small amount of pyrite. The balance of the drift showed nothing of interest. Sample No. 5 was cut across the hanging wall portion of the vein in the south end of the drift. The sample contained gouge with a fair amount of pyrite. The balance of the vein, 36", was composed principally of fractured country rock with some thin gouge seams and small fragments of quartz. It was not sampled.

The portal of the upper adit (No. 1) is about 300 feet north of the portal of the No. 2 adit and is about 200 feet above it. It is driven on the vein and is reported to be 400 feet long and at about 150 feet it is said to connect with a shaft at 90 foot depth. The adit is inaccessible beyond 75 feet and the shaft, reported to be 180 feet deep, is completely inaccessible. There is no ore showing in the adit, and neither the adit dump nor the shaft dump shows anything of interest. A cut and slumped area on the surface near the shaft indicates that some material was mined here. The applicant states that his father extracted a small amount of silver ore from a stope above the adit at this point but he has no knowledge of the amount or value of the production. It does not appear to have been important.

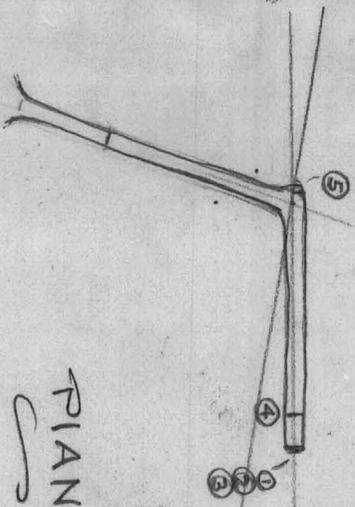
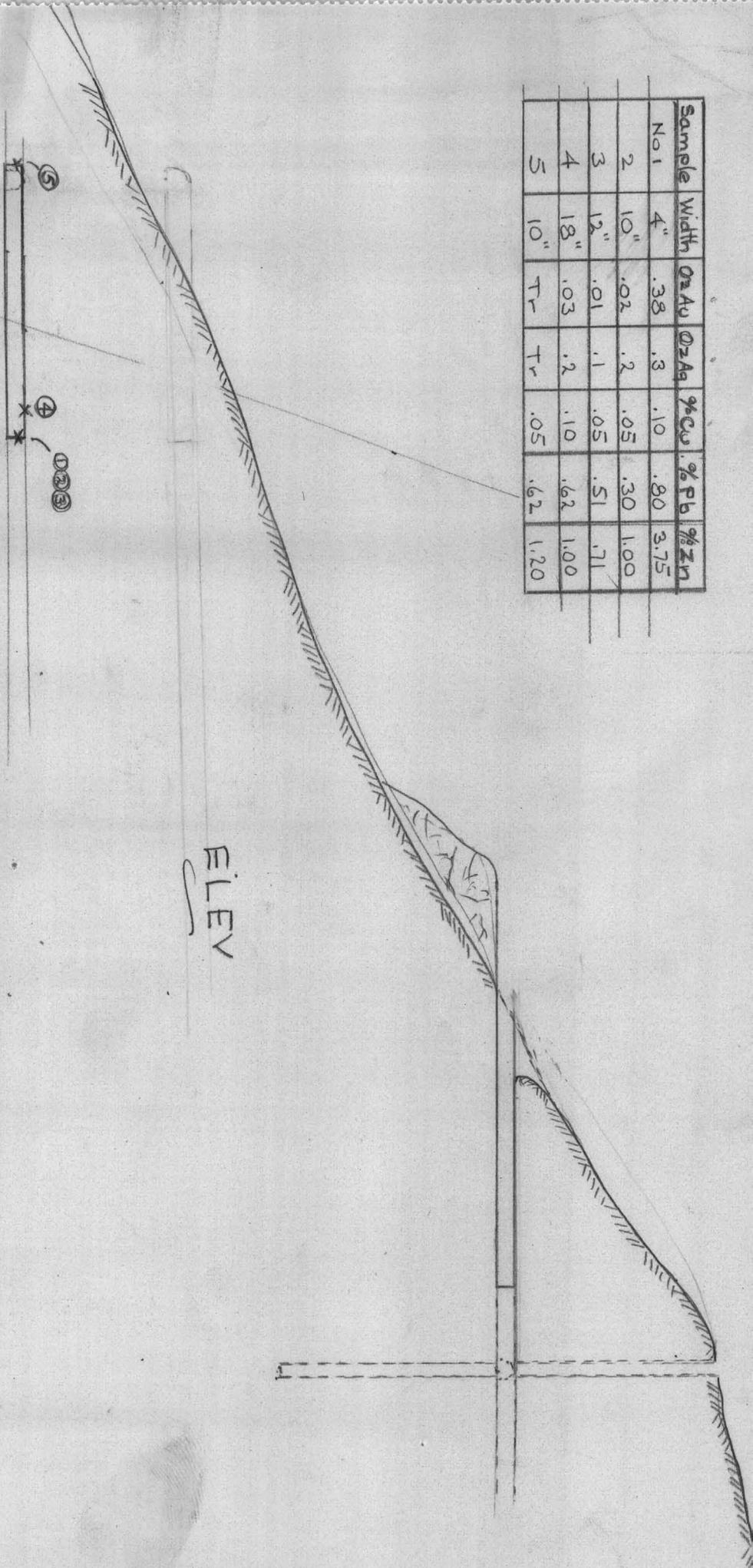
Comments of Supervising Engineer:

There is no ore exposed on the property, and neither the history of past development nor any of the present vein showings encourages the belief that further work would result in the production of a substantial amount of strategic minerals.

T. P. LANE  
Supervising Engineer

Sample No	Width	Oz Au	Oz Ag	% Cu	% Pb	% Zn
1	4"	.38	.3	.10	.80	3.75
2	10"	.02	.2	.05	.30	1.00
3	12"	.01	.1	.05	.51	.71
4	18"	.03	.2	.10	.62	1.00
5	10"	Tr	Tr	.05	.62	1.20

ELEV



PLAN

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W. E. CURTIS

Yavapai Co., Ariz

Scale: 1" = 60'

Samples: ① x -

