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RENO OFFICE  
RECONSTRUCTION FINANCE CORPORATION  
MINING SECTION  
FIELD REPORT

Docket No. B-ND-4483

Date Application Received  
Date of Examination  
Date of Report

September 8, 1942  
July 12, 1943  
July 29, 1943

NAME AND ADDRESS OF APPLICANTS

Albert Jensen & M. E. Ray  
P.O. Box 912  
Elko, Nevada

NAME AND ADDRESS OF CORRESPONDENT

M. E. Ray  
P.O. Box 912  
Elko, Nevada

LOCATION OF MINE

About 15 miles west of Mountain City, Elko County, Nevada, in the Independence Range of Mountains. The elevation is about 8000 feet.

The 16 claims cover the crest of a mountain ridge bordering Lime Creek on the north. The axis of the ridge is east-west and rises westerly to the summit of the range about 2 miles from the mine. The slopes are steep averaging about 30°.

A very poor mountain road approaches to within about 1 1/2 miles of the mine, the latter distance being covered by trail.

CHARACTER OF THE PROJECT

It is proposed to drive a tunnel prospecting for ore in a wide vein of silicified limestone. Lead, zinc and silver are the metals sought. Applicants believe if tunnel is driven ahead 150 feet that a large body of rich ore will be encountered.

APPLICANTS' OWNERSHIP OR INTEREST IN PROPERTY

Applicants hold a 5-year lease, on the claims which are held by the owners by virtue of mining locations, unpatented.

LOAN REQUESTED

\$13,500.00.

LOAN RECOMMENDED

None

DESCRIPTION OF PROPERTY

There are two veins on the property marked by silicified limestone that probably follows old fault structures. Iron oxide stain occurs at intervals along the outcrop and is usually accompanied by small quantities of lead and zinc, and traces of copper.

The larger vein occupies the crest of the ridge, and a few shallow holes have been dug upon it. It is highly siliceous limestone containing pyrite, and occasional spots show galena and sphalerite. A few pounds of ore have been found in places along its outcrop.

A second vein eight or ten feet wide of the same type and character lies lower down on the slope, and is the one upon which the proposed

work is to be done. A tunnel has been run to intersect it at about 60 feet in depth, and follows it for about 20 feet. No ore is found in the tunnel, although an occasional speck of galena or sphalerite can be seen. If this tunnel were driven another 150 feet ahead (NW) it would be vertically under an open cut (20 x 8 x 15' face) where some kidneys of lead-zinc-silver ore were found, and if extended 350 feet further would intersect the larger vein under the crest of the ridge.

The only ore that could be found was in a powder box on the dump at the open cut. A sample assayed: Au trace, Ag 4.0 oz., Pb 7.1%, Cu trace, Zn 6.8%. A shallow cut west of the tunnel portal exposes a small vein. It contains no ore and is of no importance.

#### CONCLUSION

No ore bodies are known to exist on the property, or exposures worthy of exploration and development. The Applicants are doubtless sincere in their belief that further exploration will reveal ore in quantity, but it is the writer's opinion that any further work will be a waste of time and money.

The property was examined by an engineer from the Bureau of Mines in August, 1942, and was reported without recommendation.

It is the writer's opinion that a loan would not result in the production of strategic metals in any quantity sufficient to advance the war effort.

*Carl Stoddard*

CARL STODDARD  
Engineer

fissure  
vein  
open cut.

Limestone.

50°  
vein

silicified limestone  
tunnel

N

MAP

Jensen and Ray Mine  
Elko County, Nevada.

Docket No. 4483

Scale: 40ft = 1 inch

J. B. PARKER, Mgr.

# NEVADA MINERAL LABORATORIES

233 E. PLAZA ST.

PHONE RENO 21001

RENO, NEVADA

## ASSAY CERTIFICATE

M. Reconstruction Finance Corporation

7-17-45

WE HAVE ASSAYED YOUR SAMPLES AND FIND CONTAINS: (PER TON OF 2000 LBS.)

NO.	MARK	GOLD Ozs. per Ton	VALUE GOLD	SILVER Ozs. per Ton	LEAD Per Cent Wet	COPPER Per Cent	MERCURY Lbs. Per Ton	ZINC Per Cent	WO. Per Cent	Per Cent
185		trace		4.0	7.1	trace		6.8		

Remarks:

Charges: \$

ALL ASSAYS RUN IN DUPLICATE

*J. B. Parker*