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Jan 8

RECONSTRUCTION FINANCE CORPORATION
MINING SECTION
REPORT OF SUPERVISING ENGINEER

Docket No. N D-8205
Date of Examination
Date of Report

July 7, 1943
July 21, 1943

NAME AND ADDRESS OF APPLICANT

Lyle Marker, Frank Cerny, and Bert Easter
Plaza Hotel
Ely, Nevada

Correspondent:

Lyle Marker
same address.

CHARACTER OF PROJECT

The development of a copper-lead-zinc mine.

LOCATION

The mine, known as the Robinson Shaft, is located in the Ely-Kimberly District, and is just a few hundred yards west of the paved highway connecting Ely and Kimberly, Nevada. A loading ramp on the Nevada Northern Railway is only a mile away. It lies within Sec. 5, T. 16 N., R. 62 E., M.D.B.&M., Robinson Mining District, White Pine County, Nevada. The location, working conditions and accessibility could hardly be better.

APPLICANT

The Applicant is a partnership of three miners. They are daily employed by the Consolidated Copper Mines, a large producer in the Ely-Kimberly Area. They are earnest young men, who have leased the property, and in their spare time do a little mining on their lease. For some little time they have been driving a crosscut on the 180-foot level of the mine, with the object of getting under some very meager and slightly oxidized outcrops; the outcrops are situated several hundred feet northwest of the present face of the 180-foot level crosscut. Their optimism far exceeds the possibilities of the mine.

They are, no doubt, good miners, but lack knowledge as to the manner of ore occurrences. Their hopes are based more on the proximity of the property to big mines, than on any encouraging vein structure, or favorable conditions on their own property. The fact of the matter is, that they are playing a "long shot", trusting largely to luck that a continuation of the crosscut will somehow or other run into a large orebody.

LOAN REQUESTED

The loan requested is \$5,000.00.

DESCRIPTION OF PROJECT

The property consists of 10 lode mining claims, Goldfied Nos. 1 to 10; worked through a shaft known as the Robinson Shaft. A gasoline hoist and small compressor completes the plant.

The claims lie on the northern edge of the broad area of limestone beds, which border the low-grade copper-porphyry mines of the District; the big open pit of the Nevada Consolidated Mines lies about $1\frac{1}{2}$ to 2 miles to the southeast. In the northern and western ends of the District some success has been obtained in the Alpha and Taylor Shafts of the Consolidated Copper Mines in the limestone areas, but as a whole, the large

area of limestones, adjacent to the porphyry mines, have not been profitable to mine. At least not for small operators.

The underground workings consist of the Robinson Shaft, reported to be 300 feet deep, but now filled with waste from the bottom to the 180-foot level. The 180-foot level consists of one crosscut extending west from the shaft a distance of 135 feet. Another level, the 100-foot level, extends from the shaft in the same direction 95 feet. A couple of 15-foot winzes have been sunk on the 100-foot level on minor ore showings.

There is practically no ore in the mine worth considering. The mine lacks vein structures, or any intense fracturing conducive to the occurrence of substantial amounts of ore. There are a few small water course fractures, typical of cracks in such limestone formation, but nothing that could be classed as a real vein. In addition, the evidence of ore in any quantity is lacking in the slightly stain and oxidized surface cropping, on which a few surface open-cuts have been made. All in all, there is very little to encourage one to develop the property. Its proximity (a mile or two) to big mines may lend hope to the Applicant, but the lack of vein structure, and other favorable geological features, are entirely lacking, either on the surface, or underground.

The mine has never produced more than a few tons of sorted and selected ore, selected from small seams and patches, hardly worth mentioning.

SAMPLING

A small pile of selected ore is stacked on the dump (about 2 tons in all). Sampled (Sample #28) the dump - only assayed 0.04 ozs. Gold, 4.0 ozs. Silver, 6.8% Lead, and 6.6% Zinc.

A Brunton survey was made of the two crosscuts driven from the shaft, and a few samples taken at the most likely looking spots.

The samples are indicated on the attached map of workings, and the assay results obtained are listed below:

SAMPLE NO.		OZS.AU	OZS.AG	%PB	%ZN	%CU
45	W. Face-180 ft. level red seams	None	None	Tr.	3.8	None
46	W. Face-180 ft. level center streak	"	"	Tr.	1.4	"
47	W. Face-180 ft. level across face-4 ft. cut	"	"	None	1.3	"
48	Crushed material, 28 ft. W. of shaft - 180-ft. level	"	"	None	1.0	"
49	1 1/2" streak. Best in mine. Small amount.	"	4.0	20.9	1.4	Tr.
50	Sample of best showing on surface. Open-cut.	"	1.6	1.3	10.8	"

APPLICANT'S PROPOSED DEVELOPMENT

The Applicant proposes to drive west on the 180-foot level, an unspecified distance, to get underneath some small and poorly mineralized outcrops, which lie 100 to 500 feet distant from present face of crosscut. The work proposed has little justification for being done, and it would be simply a "wild" crosscut driven into a slightly fractured limestone formation, and with scant hope of encountering a strong vein structure, or mineralized area.

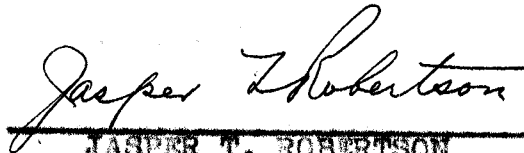
COMMENTS

The entire project lacks merit, and the Applicant would probably serve the War effort better by continuing their jobs at the mines where they now work.

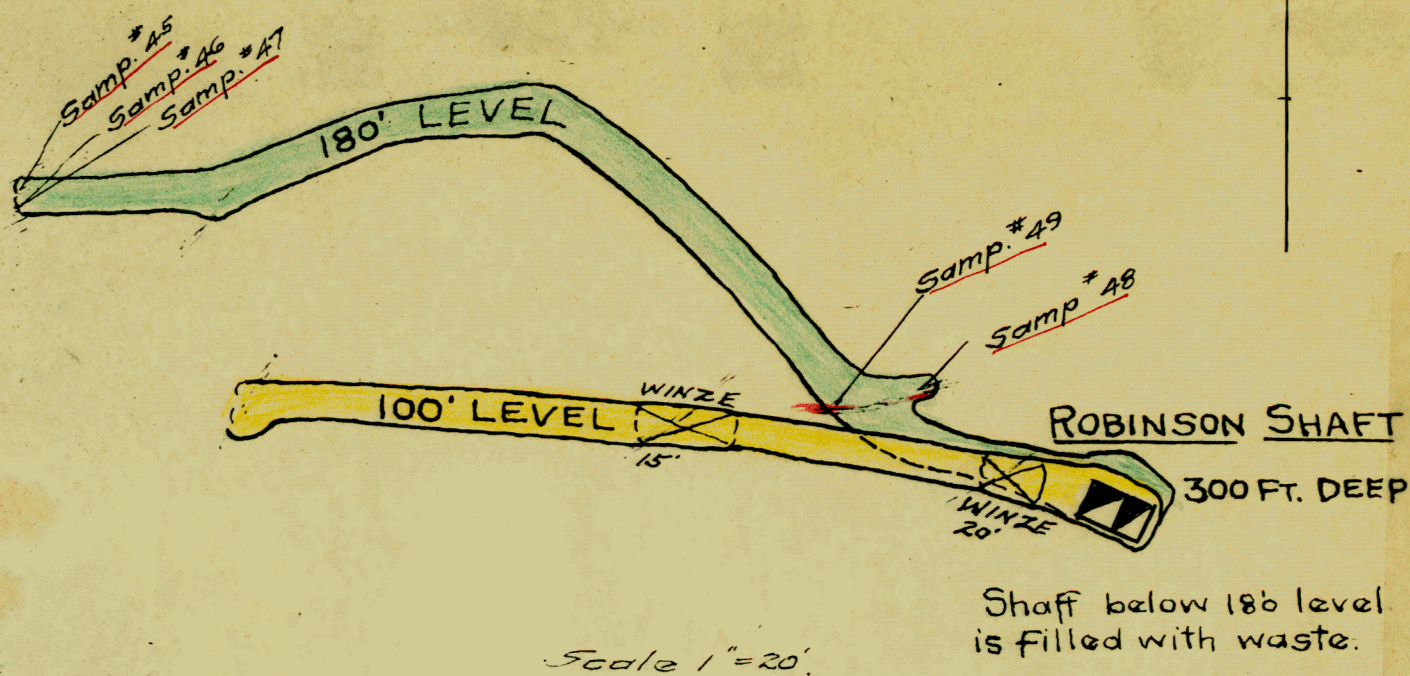
RECOMMENDATION

It is recommended that a loan on this project be declined.

Respectfully submitted,

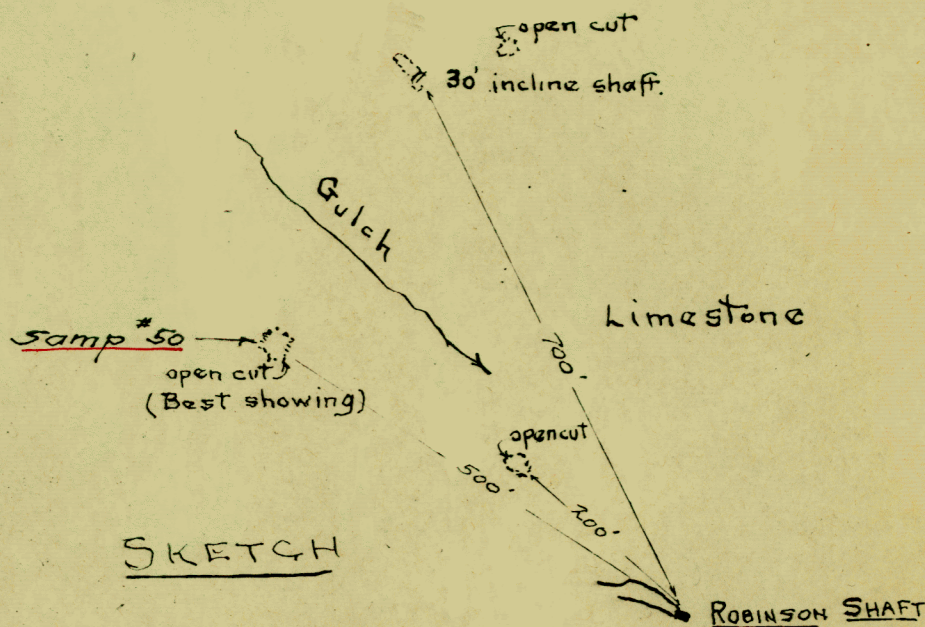


JASPER T. ROBERTSON
Supervising Engineer



BRUNTON SURVEY

Samp. #28 → 2 Tons of sorted ore



SAMPLES

No.	DESCRIPTION	OZS. Au	OZS. Ag	% LEAD	% ZINC	% CU
45	W. Face. 180 ft. LEV. Red seams	NONE	NONE	TR.	3.8	NONE
46	W. Face. 180 ft. LEV. Center streak.	"	"	"	1.4	"
47	4' cut across W. Face 180' LEV.	"	"	NONE	1.3	"
48	CRUSHED MATERIAL 180' LEV. 28' W. of shaft	"	"	"	1.0	"
49	1 1/2" streak (best ore) 26' W. of shaft	"	4.0	20.9	1.4	Tr.
50	Samp. 3'. Best ore from open cut	"	1.6	1.3	10.8	NONE

LYLE MARKER et al LEASE

ROBINSON MINING DIST.

WHITE PINE CO., NEV.

DOCKET N.D. 8205

July 1943 J.T.R.