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TELEPHONE 3-6272

PHOENIX, ARIZONA January 22, 1943

Mr. W. B. Maitland, Supervising Eng., RFC

325 Heard Building, Phoenix, Arizona

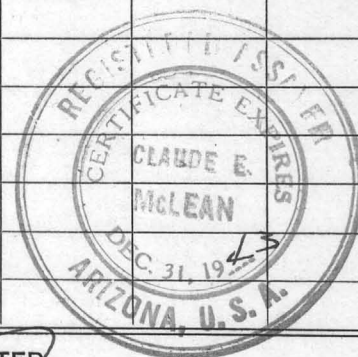
**WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:**

**GOLD FIGURED AT \$\_\_\_\_\_ PER OUNCE.**

LAB. FORM 2

SILVER FIGURED AT \$\_\_\_\_\_ PER OUNCE.

LAB. NO.	SAMPLE B-ND - 4769	GOLD		SILVER		<del>Phosphorus</del> PERCENTAGES			
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD	Manganese	Zinc
46383	1/20 #1B							36.14%	
46384	" #2B							29.87	
46385	" #3B							48.18	
46386	" Composite of 1B-2B-3B					0.07%			None



RESPECTFULLY SUBMITTED,

ARIZONA TESTING LABORATORIES

BY

Claude E. McLean

## ASSAYER

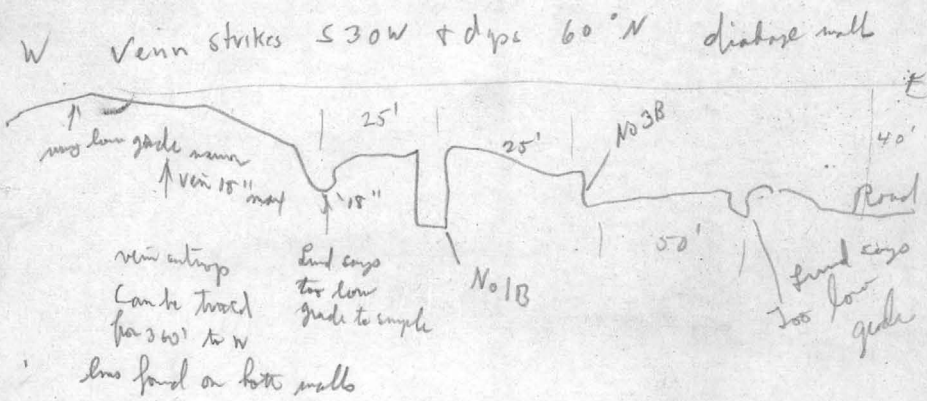
CHARGES \$ 8.50

Lund Mn Mine

Jan 19, 1943

Sample No 1B - 18' down in New shaft  
1' wide vein dips  $60^{\circ}$  to N

Sample No 2B - 1' wide on 11 north vein at West 100' section  
No 3B - 1' "



Letter of Transmittal  
Tully.  
Enclosed please find my report on  
the above captioned docket.  
No loan is recommended

Docket No B-ND-4769

Date Authorization for Examination Received

Jan 11, 1943

Date of Examination Jan 19, 1943

Date of Report Feb 1, 1943

1. Name + Address of Applicant

Name - R. H. Lund

Address - Box 961

City + State - Maricopa, Arizona

Correspondent - Same

2. Character of Project

to develop a manganese prospect

3. Location of mine

Township, range, section - Sec 14, T1N, R15½E Gila and  
Salt River meridian

County and State - Globe Mining district, Pima Co, Ariz

Name + Distance <sup>by</sup> ~~nearest~~ road nearest railway station -

The property is about 4 miles from

Globe a station on the Southern

Pacific Railroad

Conditions and seasonal accessibility of road, mine to

railroad - The road from the mine to  
railroad is not paved but is a <sup>well</sup> good  
graded dirt road that is open at  
all seasons of the year.



#### 4. Applicant

The applicant has had little if any practical experience in mining. For the last few years he has been operating a small wood yard in the town of Miami, Arizona. The applicant intends to let his father, a practical mine promoter, help him in operating the property. I <sup>doubt</sup> believe if the applicant is competent to successfully operate ~~the~~<sup>a</sup> proper mine.

#### 5. Loan Requested

The applicant requests a loan of \$10,950

#### 6. Description of Project

This property is located within a few miles of three producing manganese mines and contains two narrow veins of ore. The southern vein upon which the applicant intends to do his work can be traced for over 300 feet on the surface, strikes  $N30^{\circ}E$  and dips  $60^{\circ}$  to the north. at the eastern end of this vein where the proposed shaft is <sup>to be</sup> located the walls of the vein are of chert (?) while at the western end limestone forms both walls of ~~a~~ <sup>at this point</sup> ~~low~~ and the vein is obviously too low grade to be commercial. This vein <sup>has been</sup> opened up by three openings and a 25' <sup>vertical</sup> shaft.

Sample No 1 B taken 18' down in shaft and across a 1' vein of ~~manganese~~ ore ran 36.14% Manganese

(2).

Sample No 2 B was taken on the best looking exposure of the outcrop of this north parallel vein and across 1' ran 29.87% Manganese. This vein is obviously too low grade and narrow to be commercial.

Sample No 3 B was taken on the <sup>main</sup> south vein

and was taken in an open cut located 25 feet east of Sample No 1 (in 25' shaft). Across 1 foot this sample assayed 48.18% manganese.

<sup>One mineral ore is siderite, mangonite, and pyrolusite</sup>

No additional samples were taken as the

applicant's "engineer" and father P. H. Lund who showed me the property advised me that other points along the vein were too low grade to be ore and were not worth sampling. Thus we can conclude that this vein contains an ore shoot 25' long, 1' wide, and assaying 42.16% manganese.

36.14

48.18

84.32

42.16

### Comments of Supervising Engineer.

I have examined four manganese properties in this general area for the P. F. C. and this is the poorest looking property of the four.

Obviously a small amount of marketable manganese ore could be produced from this property but I do not believe the veins are wide enough nor the exposed ore shoots long enough to make this a profitable venture. All development <sup>must</sup> be by means of a shaft.

Also the applicant does not appear to be the type that could make a success of a marginal property such as this.

Based on the poor ore showings now exposed and upon the other factors mentioned above I do not recommend a loan on this project.

Wm B M

Sup Enr