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Thunderbolt Mine

RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
LIQUIDATION REPORT OF SUPERVISING ENGINEER

Docket No. B-ND-3838 - N. C. Burson
Date of Report: August 1, 1944

1. NAME AND ADDRESS OF APPLICANT:

N. C. Burson
General Delivery
Tucson, Arizona

2. LOCATION OF PROJECT:

In Sec. 28, T. 8 S., Range 16 E., G&SRB&M, Old Hat Mining District,
Pinal County, Arizona. 8 miles from Mammoth.

3. AMOUNT OF LOAN AND DATE OF AUTHORIZATION:

\$20,000 authorized on February 4, 1942, of which only \$13,000 was
expended.

4. PURPOSES FOR WHICH LOAN WAS EXPENDED:

Sank an inclined shaft 60 feet deeper and did 80 feet of drifting
and crosscutting from the bottom of the shaft to expose a silver-
lead vein.

5. EQUIPMENT:

a. Following is a list of equipment purchased with loan funds and
initial cost thereof:

<u>No. of Items</u>	<u>Description</u>	<u>Total Invoice Price</u>
1	Le Roi Air Compressor & engine portable	\$ 2,050.00
1	Hercules Hoist & engine, 500' of 7/8" cable, 2-750# buckets	1,000.00
1	Bench vise	- - -
1	Fire extinguisher	- - -
1	Water pressure tank - 18 gal.	30.00
10	Drill steel, 7/8 Hex. 2 1/2' - 6'	31.20
400	Timken detachable bits used	120.00
1	Cleveland Jackhammer H 111 W-7/8" chuck	215.00
1	6' column, saddle, arm, clamp & shell	183.00
2	50' lengths 3/4" air hose	38.20
2	50' lengths 1/2" " "	23.22
1	Hose oiler	11.00
315'	2" black pipe (partly new & part in shaft)	64.38
105'	1 1/2" black pipe	5.48
1	Blow pipe for drill holes	---
3	Drift picks @ \$1.00	3.00
3	Round point shovels @ \$2.10	6.30
3	Square point shovels @ 2.10	6.30
2	Double jackhammers	3.52
2	Single jackhammers	2.44
4	1/2" Spuds	8.60
4	3/4" Spuds	8.80
3	15 gal. water cans	11.11

No. of Items	Description	Total Invoice Price
1	100# anvil	\$ 16.66
1	Blacksmith forge & blower	18.41
1	Blacksmith pick hammer	1.62
1	Blacksmith tongs	1.57
1	Pry bar	.74
1	Carpenter level	.80
1	" " square	----
1	" " saw	1.40
1	Docking saw	3.51
2	24" pipe wrenches	5.50
1	14" " " "	1.67
1	Axe	2.30
1	Wrecking bar	2.35
1	Hacksaw	.64
1	1 ton tram car	103.85
800#	6# Rail (300#)	38.00
32	6 x 2 corrugated galvanized iron sheets	12.78
1	Dodge 1942 1 1/2 ton pick-up	950.00
18	7 x 2 corrugated G.I. sheets on shed	11.54
25#	Track spikes	4.75
1	Bolt of fish plates	6.00
1	Bucket dolly for tramping	----
70'	6" vent pipe galvanized	16.63
5	50# boxes 1-1/8 powder	----
<u>Timber</u>		
11	6 x 6 - 16 Mining Grade	
1	6 x 8 - 14 " "	
2	2 x 6 - 14 " "	
7	4 x 4 - 16 " "	
10	2 x 4 - 14 S4S	
7	1 x 4 - 14 "	
<u>Missing Property</u>		
1	5" Crosscut wrench	1.28
1	1/2" Pipe stock & die	9.00
1	15 Gal. water can	----

b. The following equipment is stored with the Independent Pipe & Machinery Co., 944 E. Van Buren Street, Phoenix, and the estimated resale value is listed:

No. of Items	Description	Estimated Re-sale Value
1	Fire extinguisher	\$ 4.30
1	Water pressure tank - 18 gal.	16.50
400	Timken detachable bits (used) 100 @ .15, 100 @ .10, 142 @ .05	33.10
1	Cleveland jackhammer H 111 W-7/8" chuck	118.25
1	6' column, saddle, arm, clamp & shell	57.75
2	50' lengths 3/4" air hose	21.01
2	50' lengths 1/2" " "	12.77
1	Hose oiler	6.05
1	Blow pipe for drill holes	2.00
3	Drift picks @ .55	1.65
3	Round point shovels	3.45
3	Square point shovels	3.45
4	1/2" spuds	4.73
4	3/4" spuds	4.84
1	15 gal. water can	2.03
1	Blacksmith pick hammer	.89
1	" " " tongs	.86
1	Pry bar	.40
1	Docking saw	1.93
1	Axe	1.26
1	1 ton tram car	57.11
32	6 x 2 corrugated G. I. sheets	7.02
18	7 x 2 corrugated G.I. sheets on shed	6.34
40'	3" vent pipe galvanized @ .20	8.00

Timber

800	board feet of lumber	32.00
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c. The following equipment has been sold:

- 1 1942 Dodge 1-1/2 ton pickup truck. Sold for 900.00 and this money was sent to R.F.C. Washington on March 2, 1943.

On Nov. 22, 1943, the Independent Pipe and Machinery Co. of Phoenix, bought the following equipment for \$1797.13 and this amount was deposited in the Federal Reserve Bank of Los Angeles:

Docket No. B-ND-3838

H. C. Burson

Liquidation Report

-4-

No.	Description	Net Sale	Sales Tax
160#	Drill Steel @ 10¢	\$ 15.68	\$.32
240'	2" Pipe @ 17¢	39.98	.82
60'	1 1/2" Pipe @ 05¢	2.94	.06
2	Double Jacks	1.82	No tax
2	Single Jacks	1.34	"
1	Anvil	9.80	.20
1	Forge & Blower	12.00	No tax
1	Level	.44	"
1	Square	.85	"
1	Saw	.77	"
2	24" Wrenches	3.02	"
1	14" Wrench	.91	"
1	Wrecking Bar	1.40	"
1	Hacksaw	.35	"
320#	8# Rail	7.06	.14
25#	Spikes @ 05¢	1.25	No tax
25#	Fish Plates @ 05¢	2.00	"
1	Hoist	750.00	15.00
1	Compressor	1600.00	32.00
		<u>\$ 2451.61</u>	<u>\$ 48.54</u>

Net Sales \$2451.61

Hauling 212.70

Commission 490.32

\$703.02

Balance \$1748.59

Sales Tax 48.54

TOTAL CHECK \$1797.13

6. PROPERTY:

- a. The property is owned by the applicant. It consists of one unpatented lode claim deeded to applicant by F. W. Bose.

7. COMMENTS:

I last visited the property on Dec. 6, 1942, and at that time all work had ceased.

Balance in loan account amounts to \$36.84. This amount includes insurance deposit refund.

8. CONCLUSION:

The proposed project failed to develop any material quantity of ore and with the exception of the remaining equipment worth salvaging, the property is believed to be of no value. Consequently, except for the salvage value of equipment, the loan should be considered a loss.

9. RECOMMENDATION:

It is recommended that this account be closed when the remaining equipment acquired in whole or in part, with loan or operation funds, which is considered worth salvaging has been liquidated and proceeds applied on borrower's indebtedness.

William B. Maitland
Supervising Engineer

18' east

drilled 3 holes into wall no signs of vein material

35' Northwest part no signs of vein

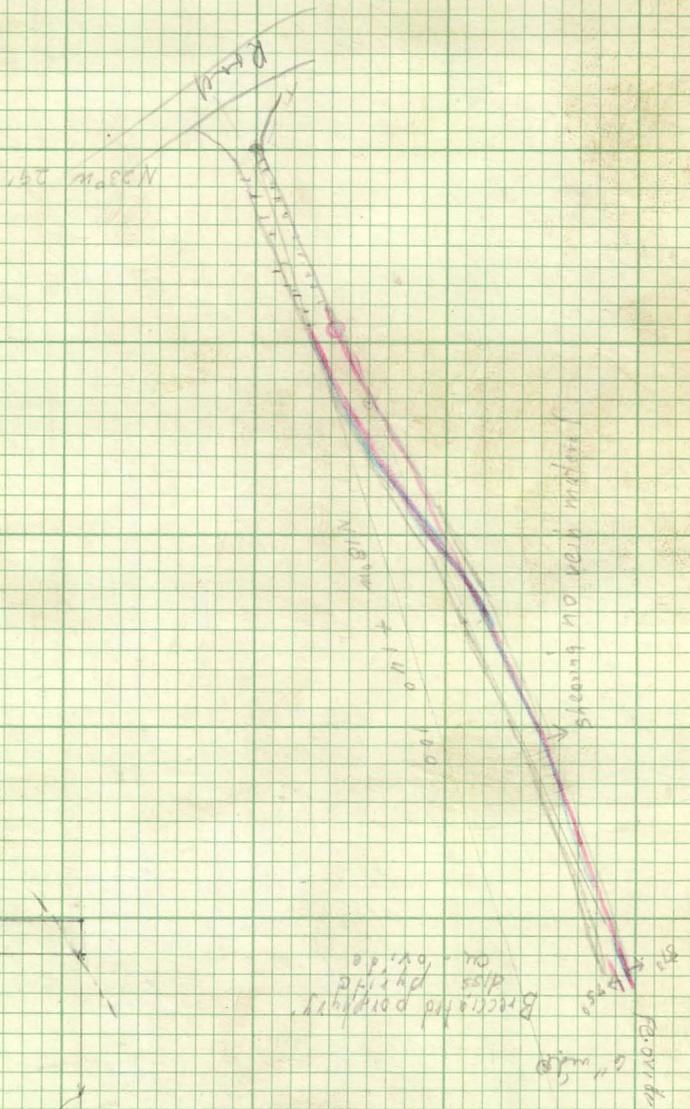
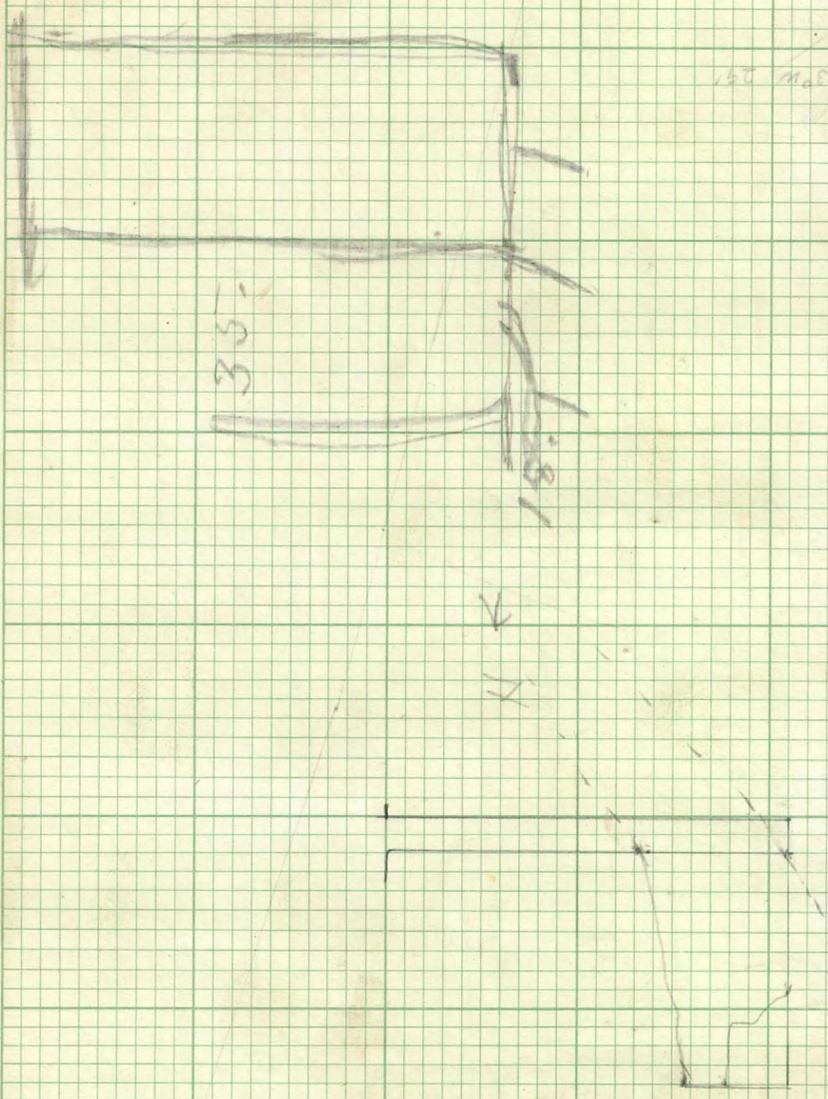
cut 26/1942

strip down

20 low on on pit

Leave Phoenix 5:30 PM 22613
 arrive Mine tunnel 10:30 22754
 Leave " " 2:15 PM " " 761
 gate

arrive outside 22775
 22754
 22613
 141



17' more level to street

LOCATION 8 miles SW. of Mammoth MINE Bose and Burson

SURVEY Arizona

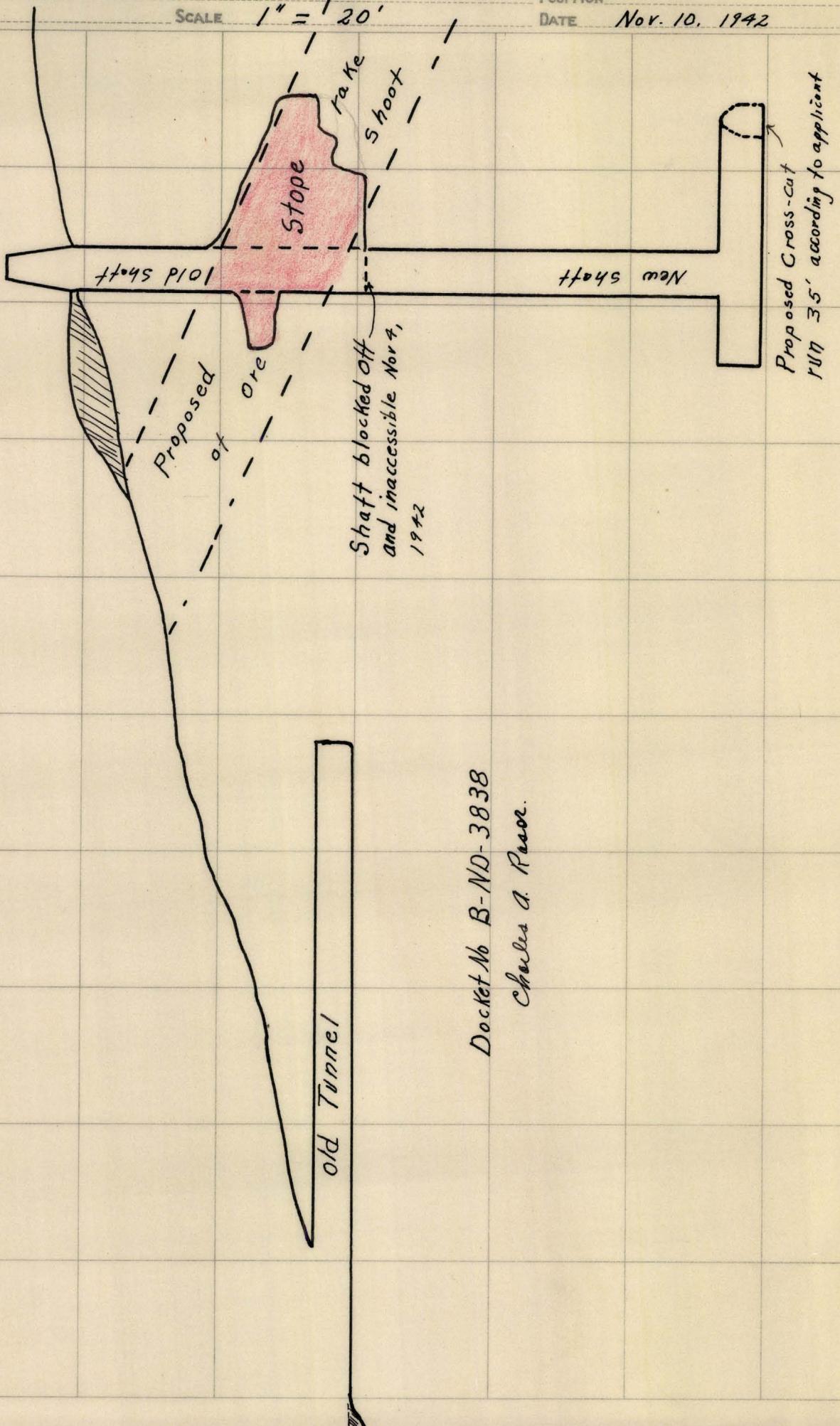
GEOLOGY BY

LEVEL

POSITION

DATE Nov. 10, 1942

SCALE 1" = 20'



Docket No B-ND-3838

Charles A. Rasor.

LOCATION

MINE

LEVEL

SURVEY

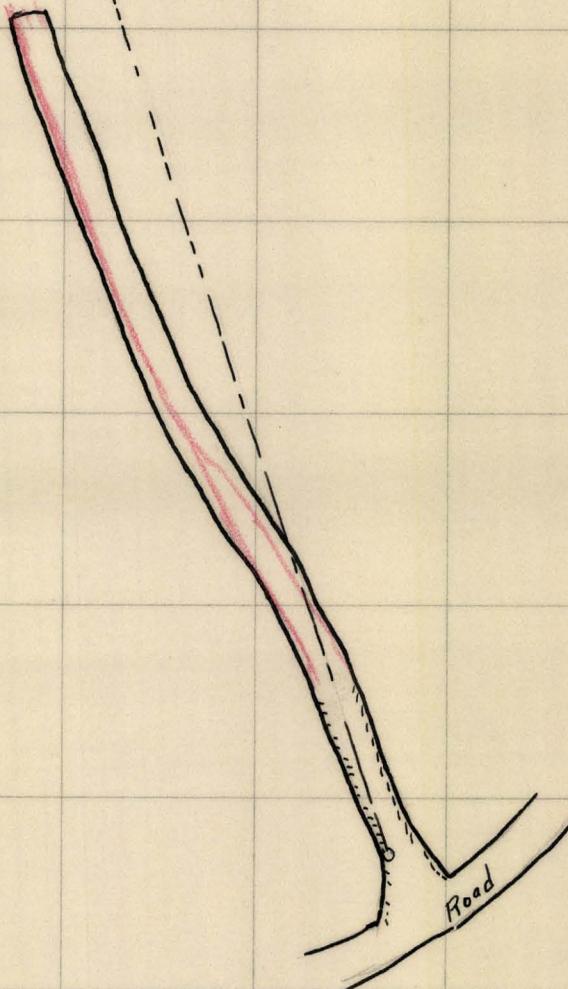
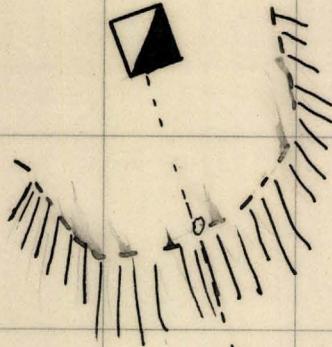
POSITION

GEOLOGY BY

SCALE

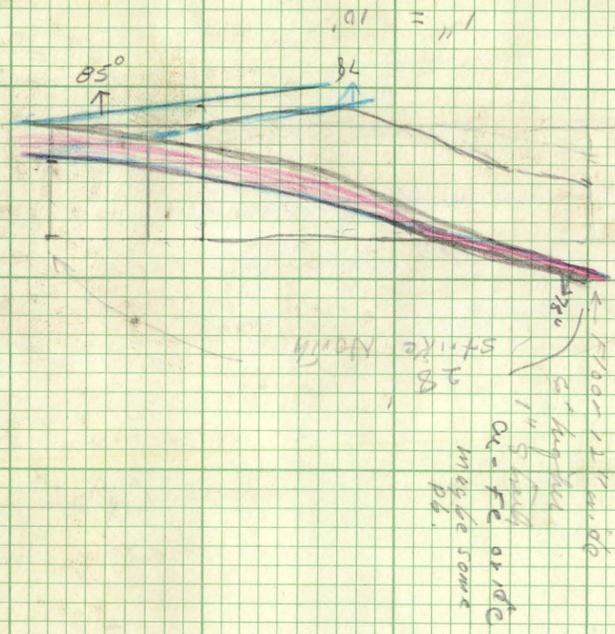
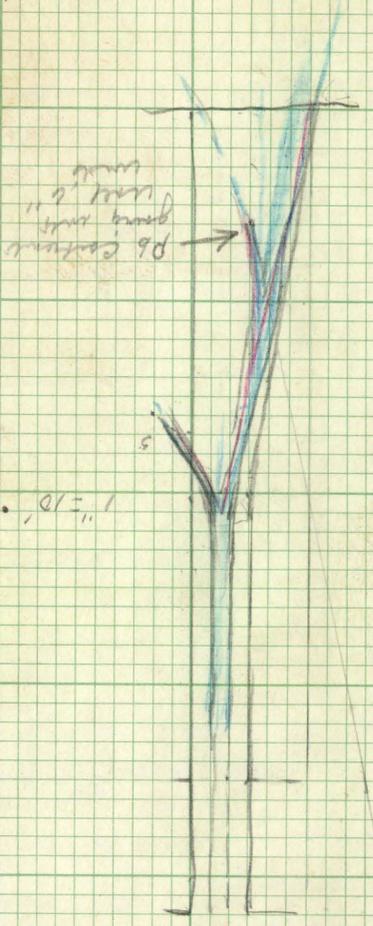
DATE

*Thunderbolt Mine
Plan*

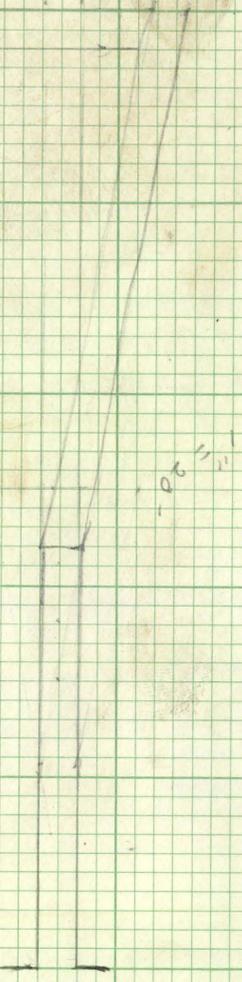


Nov 4 1942

Shot blocked off at
#3' from top.
Sloping to North
Continuing to North
with drift.
Beds on 2000.00
517 m on underlying
m. - Brown 1



← Floor 12' wide
1" 5' thick
Ox - Fe oxide
Merge some
P6.
Strike North
P8



325 Heard Bld.
Phoenix, Arizona
Nov 10, 1942

Mr. Chas. W. Tully, Asst. Chief
Mining Section, R.F.C.
811 Vermont Ave. N.W.
Washington, D.C.

Re: Docket No B-ND-3838
F.W. Bose and N. C. Burson.

Dear Mr. Tully:

I visited the mine operating under the above docket on November 4, 1942 and herewith submit the results of the examination and data showing the progress made under the loan to date.

This property has been previously examined by Reconstruction Finance Corporation engineers and their reports and maps are available to you for comparison. Mr. Wm B. Maitland made an examination of this mine on October 1, 1942 and from that examination made certain recommendations to the applicant. However, it appears that these recommendations were not taken seriously by the applicant for at the time of my examination they had ceased working on the 100 level, blocked off the shaft at the 42 foot level making entry below impossible, and were running a drift north from the shaft through the ore shoot.

Mr. Burson and Mr. Tarr stated that they had ceased working on the 100 foot level October 26, 1942 after cross cutting 35 feet to the east and not finding any evidence of a vein. The results of the work done on the 100 foot level could not be checked as Mr. Burson had closed off the shaft 42 feet from the collar of the shaft and furthermore stated that it would take them more than a day to repair the shaft to the 100 level for inspection. I

criticized Mr. Burson for such a procedure and for not writing this office the results of the 100 foot level work before closing off the shaft. Mr. Burson had no intension of writing this office for he has consistently refused to cooperate by sending in progress reports. His excuse was that he wanted to surprise this office with shipments of three car loads of ore.

As I was unable to examine the 100 foot level at this time, the examination was restricted to what could be observed on the 42 foot level where some ore was being extracted in the progress of drifting. Mr. Tarr explained that this operation was for the purpose of outlining the ore body. Mr. Tarr is of the opinion that the ore rakes to the northeast as shown on the submitted map. This opinion is probably a logical conclusion, if the 100 foot level cross cut did not expose ore. However, to test this opinion on the 100 foot level would require between 100 and 120 feet of drifting and then there is no assurance that such an ore body will be found. Assuming that the ore does rake as shown on the map, it appears that we would have a small stope 20 feet thick and between 2 and 4 feet wide raking to the northeast. However, I am of the opinion that only a small pod of ore will be found after all development has been accomplished.

Recommendations

There were no recommendations made to the applicant other than that they could continue to run the drift north and determine if the ore rakes to the northeast. If the ore rakes to the northeast this drift will be in ore for approximately 35 feet. If the ore body is a pod, they will be out of

(3)

ore in about 12 feet and we will be without much ore to show for the money spent.

The applicant has about 20 tons of ore in the bin from the present operation and will continue to increase this with additional ore from drifting. To this opinion it appears that they are stoping and the fact that they have discontinued work on the 100 foot level leads one to believe that there is no ore on the 100 foot level as claimed, or that they are trying to pull a fast one by closing off the shaft.

Before the next examination is made, a strong letter should be sent to Mr. Burson that all work done by loaned money must be in shape for inspection or the fund further funds will be suspended. The fact that Mr. Burson is taking out ore suggests that he realizes that future funds are likely to be lacking.

I shall appreciate any suggestions that you may offer in regards to future examinations for it appears the applicant will soon be out of funds.

Yours very truly,

Clint A. Ross
Supervising Engineer

Attachments

1 map.