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RECONSTRUCTION FINANCE CORPORATION

MINING DIVISION

LIQUIDATION REPORT OF SUPERVISING ENGINEER

Applicant: Carl Eder
Docket: No. B-ND-4018
Date of Report: Sept. 9, 1944

1. NAME AND ADDRESS OF APPLICANT:

Carl Eder
P. O. Box 1734
Globe, Arizona

2. LOCATION OF PROJECT:

In the Lower Pinto Valley Mining District, Gila County, Arizona, 10 miles from Miami, Arizona.

3. AMOUNT OF LOAN AND DATE OF AUTHORIZATION:

A $5000 loan was approved on September 18, 1942.

4. PURPOSES FOR WHICH LOAN WAS EXPENDED:

To develop a zinc mine by means of drifts.

5. EQUIPMENT:

Aside from a few hand tools not worth salvaging, there was no equipment purchased with loan funds. Since the mine is located about 1-1/2 miles from the nearest road the cost of reclaiming these tools would far exceed their value which I estimate at about $25.00.

6. PROPERTY:

The borrower owns the seven unpatented lode claims upon which this loan was granted.

7. COMMENTS:

Mr. Bryan Frisbie, Supervising Engineer from this office, last visited the property on June 7, 1944. During the latter part of July, 1944, the applicant ceased work on this project.

All items in this account have been liquidated and the balance in the loan account, amounting to $847.49, has been sent to the Federal Reserve Bank.

8. CONCLUSION:

The proposed project failed to develop a sufficient quantity of ore to justify further development and the property is believed to be of little value. Consequently the loan should be considered a loss.

9. RECOMMENDATION:

It is recommended that this account be closed.

WM. B. MAITLAND, Supervising Engineer

Liquidation Report

Carl Eder
BND 4018
Sept 8, 1944

1. Name & Address of Applicant
Carl Eder
PO Box 1734
Globe, Arizona

2. Location of Project
In the Lower Pinto Valley Mining District, Gila Co, Ariz., 10 miles from Miami, Ariz

3. Amount of Loan and Date of Authorization
A $5000 loan was approved on Sept 18, 1942

4. Purposes for Which Loan was Expended
To develop a zinc mine by means of drifts ~~+ [illegible]~~

5. Equipment
Aside from a few hand tools not worth salvaging there was no equipment purchased with loan funds. Since the mine is located about 1½ miles from the nearest road the cost of reclaiming these tools would far exceed their value which I estimate at about $25.00

6. Property
The borrower owns the seven unpatented lode claims upon which this loan was granted

7 Comments

Mr ~~F.P. Lane~~ Bryan Fuskie, Supervising Engineer from this office last visited the property on ~~Aug 2, 194~~ June 7, 1944. During the latter part of July 1944 the applicant ceased work on this project

all items in this account have been liquidated and the balance in the loan account amounting to $847.49 has been sent to the Federal Reserve Bank

8 Conclusion

The proposed project failed to develop a sufficient quantity of ore to justify further development & the property is believed to be of little value. Consequently the loan should be considered a loss

9 Recommendation

It is recommended that this account be closed.

Wm B Marthard
Sup Eng

Carl Eder = 4018
BN - Box 1734
Globe.

Re Carl Eder
Docket No.

Dear Mr. Eder

I visited your mine Wednesday afternoon and was sorry to have missed you. One of your neighbors said he thought you were there or I would not have driven in.

I examined the workings and noted that you had carried the north tunnel to a point approximately 145 feet from the portal. I noted that the good showing of ore which I sampled in the start of this tunnel continued only a few feet and that the balance of the tunnel shows only barren or very low grade material with nothing of interest in the face. Mr. Maitland who visited the mine early in May advised discontinuing work here and transferring your operations to the south tunnel. You have advanced the north tunnel approximately 40 feet since his visit and have uncovered nothing of importance and I would strongly urge therefore that you discontinue work here and begin developing in the south tunnel. ~~As you know my sampling of the property indicated the probable a presence of 60 foot length of ore in the near the raise in the south tunnel near the short inner raise. Another ore shoot is indicated, though not so clearly~~

~~at the entrance to the south tunnel~~

No 1

As you know my sampling indicated three ~~possible~~ probable shoots of ore:

No 1. At the portal of the ~~south~~ north tunnel.

No 2. ~~A sixty foot length of ore~~ In the north tunnel at the short inner raise

No. 3. At the portal of the south tunnel. This shoot however was not so clearly indicated as the others.

The work which you have done to date has disproved the presence of the expected No. 1 ore shoot in the north tunnel. My sampling of the No 2 ore shoot in the south tunnel indicated a 60 foot length of ore which will mine out at around 20% Zn. Material of this grade ~~material~~ could be shipped to custom mills at a good profit particularly if, as seems likely, your property becomes eligible to receive additional premium prices for zinc.

I wish to emphasize the fact that these loans are not made for the purpose of prospecting. Our aim is get ~~the~~ metal ~~out~~ on the market as soon as possible and therefore we should develop so far

130
2600

as is practical only in the areas where ore is known to exist. Prospect development would be a later consideration.

I hope that you will appreciate the reasonableness of the above comments and will begin active development in the south tunnel as soon as possible.

I wish to compliment you upon the excellent condition of your workings and the amount of work you have done with the funds you have expended to date.

I shall look forward to seeing you upon my next visit. Meanwhile, with kindest regards, I remain

Very sincerely

T. P. Lan
Insp Eng.

Memorandum of Visit of
Supervising Engineer

Carl Eder

Docket No. B-ND-4018

On April 25, 1943 I visited the above captioned mine at the request of the applicant in order to inspect the progress to date.

On Sept 18, 1942 the R.F.C. granted a $5000 development loan on this project. This money was to be spent ~~upon~~ on the development of a zinc vein of ore located about a mile from the end of a poor road.

The applicant advanced the north drift 90 feet along the vein by using hand steel and wheelbarrows. He has spent $1.524.65 to date so has a balance of $3175.35 remaining from the loan funds. The applicant only draws miners wages when he works and has been very frugal. all work to date has been well done and no money has been wasted.

The attached map is based on the original assaying and survey of T. P. Lane, Supervising Engineer who originally examined the mine plus the new work inspected and sampled by this engineer. No new ore was exposed by this tunnel so I have recommend to the applicant that further development work be confined to vertical development on the two known ore shoots. Apparently the available ore on this property will be smaller less than originally anticipated so I have requested

the applicant to do all future work only in known ore. This work will consist of raising in the ore body south of the creek and a limited amount of drifting south along the parallel vein at Sample No 8. It would not seem feasible at this time to attempt to sink on the ore due to the fact that water from the creek would probably drown out any small pumps and the lack of a road prohibits the installation of a large pumping unit.

There is some doubt whether the sphalerite occurs as a true vein as it appears to be a magmatic segregation of zinc sulfides in an extremely basic igneous dike. I do not believe that the ore will extend to any great depth.

Wm B Mentzel
Supervising Engineer

Letter of Transmittal

(Eden)

N 35E Strike Dip 76°S

Tunnel 45' Good HW Ragged FW

Diabase ledge in Schist

Hvy pyrite some qty. Vry little Zn S

450' W from End line Reliance

Caved tunnel 40' is on stringer taking off southerly for main ledge.

Pieces on dump show good Cu prost. no zn. Diabase vein mat. much Hematite

100' east for end of Ashit. Claim

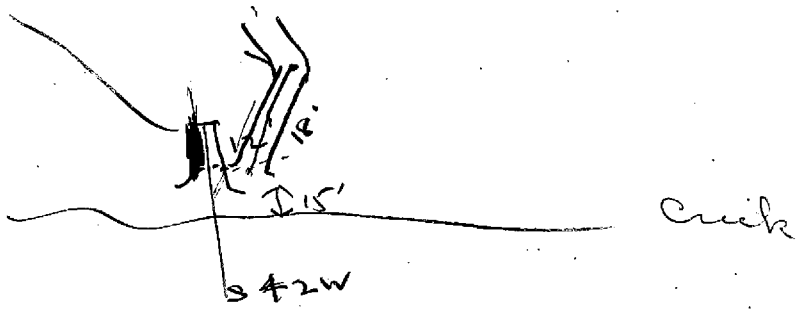
Top of Hill is 100' E from Ash. No 1

Cut shows Cu and Zn stain. Cut very shallow and sloughed. Mat here shows red iron stained diabase in Atzite

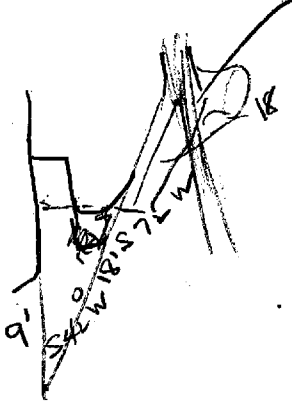
90' shaft at center of Arbitration
claim Xcut 30' to ledge
22' ledge. Said to are 3-3½ Cu
Few hundred lbs packed out
Strike S65W
shaft w/ windlass, ladders out
some ore on dump 1 tons 6+%

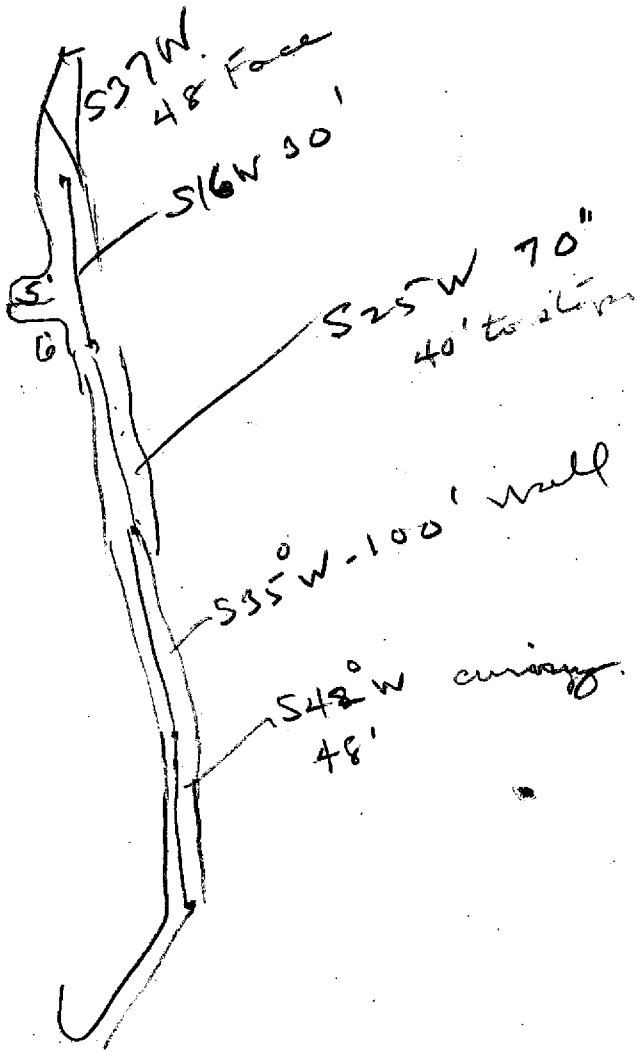
1 3 to 1500 from creek w/ 300' backs

1' zone in hd distance
W is smooth
HW slip is 4' away and is smooth



3' wide w/ 1' barren in middle



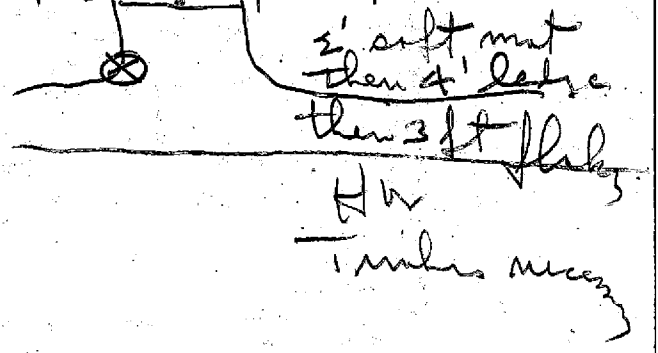

S37W
48 Face
S16W 30'
5'
6'
S25W 70"
40' to stops
S35°W - 100' wall
S42°W curving
48'

Sample # 1 Face 24" Vy Hd FeCu
No Zn? some veinlets Qtz
wall not def. Diabase

Sample #2 25 back from face
1" Vy hd white iron w/Qz?
in back center of drift
Walls not def.

Sample #3 Hd iron in back No
wall center of back 15"
Sample at ⊕ on turn

No 4 4' edge of stope

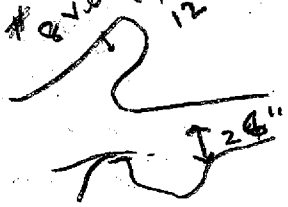


#5 - 27" 33' back from stope
Hd w/soft strks. ZnS, FeS.

#6 24" across back just in
from rsc. Modular form
w/ nuggets sphalerite.
(100' in)

#7 at core 24" in

#8 very hd w/ pure ZnS
12"



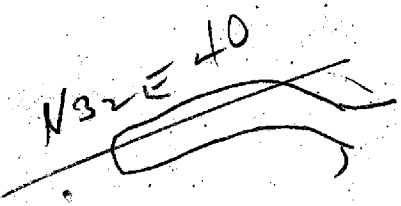
streaks ZnS.
Area here for 30' in
is heavily fractured and
white ZnS beach deposit
coats walls. ZnS is
black and rosin brown
then poor and spotted for
balance except when
sampled

#8 see above sketch

#9 Dump (picked dump) 5+ tons

#10 East tunnel face is in 30' Sample 36" wide
Much Rosin Bar
Frost. & much white coat (powdery on floor)
Face is hd in places

N32E 40



Carl Eder $5000 Bloom

Balance 4/15/43 $3175.35

Eder Zn April 25, 1943

Sample No 1B - 2' Zn vein 8' east of portal of S drift + in short 8' drift face

Sample No 2B 3' face of above drift. But on W side of Sample No 1B Eder claims this is low grade - Looks like diabase only

Sample No 3B - 4½' back of N drift 10' in from face at time of Lance visit

Sample No 4B - 5' 25' in from No 3B in tunnel back

Sample No 5B - 3½' 57' in from portal

Sample No 6B - Grab from muck pile at face 90' in

CLAUDE E. McLEAN
P. O. BOX 1888

TELEPHONE 3-6272

ARIZONA TESTING LABORATORIES

ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS
823 EAST VAN BUREN STREET

ASSAY CERTIFICATE

PHOENIX, ARIZONA April 28, 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	GOLD		SILVER		PERCENTAGES		
	Carl Eder	OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD	Zinc
47529	#1B							7.20%
47530	#2B - 3'							0.90
47531	#3B - 4½'							4.60
47532	#4B							5.90
47533	#5B							5.60
47534	#6B Grab							0.70

REGISTERED ASSAYER
CERTIFICATE EXPIRES
CLAUDE E. McLEAN
DEC. 31, 1943
ARIZONA U.S.A.

RESPECTFULLY SUBMITTED,
ARIZONA TESTING LABORATORIES

BY Claude E. McLean
ASSAYER

CHARGES $ 6.00

Reconstruction Finance Corporation
Mining Division
Supplemental Report of Supervising Engineer

Docket No. B-ND-4018
Date of Examination, inclusive Aug 11, 1942
Date of Original Report July 27, 1942
Date of Supplemental Report

1. Name and Address Carl Eder
Address P.O. Box 1734
City and State Globe, Arizona

Note. Examination was made for the purpose of obtaining more samples to support the conclusions set forth in the original report on the property.

Mapping.

The accompanying map shows a corrected location of the tunnel in the south bank of the gulch. The vegetation is heavy in the gulch and the original bearing across the creek was obtained by sighting on an erroneous point on the hillside above the brush. The new plotting indicates that the tunnels are driven on parallel veins or faulted segments of the same vein. The latter explanation seems the more likely one since the extensions of the veins are not visible in the opposite banks. Overburden is heavy and no work has been done at these points.

Sampling

The tunnels were sampled at ten foot or closer intervals in the ore shoots.

Samples were cut across the back for the full width of the drift. The walls in the ore zones

are well defined with generally several inches of soft crushed vein material against each wall. ~~[illegible]~~ The floor of the south tunnel is generally covered with mud and water and the back and walls ~~[illegible]~~ sloughed in places, particularly in the area where the small stope has been started.

Values

A 60 foot length of continuous ore shows in the south tunnel where samples assayed as follows:

Sample No.	Width	% Sn
4	48	68.2
5	27	23.0
14	65	17.85
16	77	20.13
17	34	14.38
18	44	28.35
19	38	16.16
20	42	11.80
Weighted Ave	46.4"	25.20

The north tunnel starts as an open crosscut which upon intersecting the vein follows it and ends in 14 feet of tunnel. The crosscut and tunnel are partially filled with broken vein material; slightly chunky of good ore. Samples here over a length of 23 ft assayed as follows:

Sample No.	Width	% Sn
10	36"	28.80
11	42"	26.48
12	36"	27.72
13	36"	5.75
Weighted Ave.	37.5"	22.34

are well defined with soft crushed material against each wall. The hanging wall tends to flake and slab off in the area where the small stope has been started. The floor of the north tunnel is generally covered with mud and water and the walls and back are sloughed in places.

Values:

Sampling in the north tunnel shows a 60 foot length of continuous ore. ~~While the lens does not always fill the drift the samples were cut across the full width of the drift. Samples in the short are tabulated below,~~ with assay results as follows:

Sample No.	Width	% Zn
4	48	68.2
5	27"	23.0
14	65"	17.85
16	77"	20.13
17	34"	14.38
18	44"	28.35
19	38"	16.16
20	42"	11.80
		25.20
Weighted Ave.	46.4"	

3273.60
621.00
1140.25
1560.01
488.92
1247.40
614.08
495.60
9450.86

Sampling in the south tunnel shows a 25' length of ore. ~~The tunnel starts as an open crossant~~

The south tunnel starts as an open crossant which upon intersecting the vein follows it and ends in a 14 ft length of tunnel. The crossant and ~~part of the~~ tunnel are partially filled with broken vein material, chiefly chunks of good zinc ore. Samples ~~for~~ over a length of 23 ft. assayed as following: ~~as to~~:

Sample No	Width	% Zn
10	36"	28.80
11	42"	26.48
12	36	27.72
13	36"	5.75

22.34

1036.80
1108.80
997.92
207.00

Ten feet north of sample No. 21 the tunnel shows no ore whatever and from this point to within about 40 ft. of the portal of the tunnel there is no ore showing of importance. Samples No. 7 and No. 22 indicate the presence of a short lens of ore at the portal of the tunnel. The work is near the surface and the drift has broken thru north and above sample No. 7 and considerable surface material has run in onto the drift. The north end of the vein exposure passes into surface dirt and sample No. 23 contained much dirt and footwall material and cannot be considered truly representative of the vein at this point.

The north tunnel starts as an open cross cut which upon intersecting the vein follows it and ends in 14 feet of tunnel. The crosscut and tunnel are partially filled with broken vein material, chiefly chunks of good ore. A zone of cross fracturing occurs at the south end of this exposure but the vein does not seem to have been displaced. The vein shows for several feet south of sample No 13 and cannot be traced further because of muck which is piled here and because of the overburden of the creek bank. Samples in this working place over a vein length of 23 feet assayed as follows:

Sample	Width	% Zn.
10	36	28.80
11	42	26.48
12	36	27.72
13	36	5.75
Weighted Ave.	37.5"	22.34

~~The samples as noted above are taken across the full width of the drift. The ore occurs chiefly in massive form rather than in fine dissemination and~~

~~some sorting would be possible. Sampling indicates that the material in the ore shoots will mine out a somewhat over 20% Zn.~~

The sampling indicates that the material in the shoots will mine out at somewhat over 20% zinc. Samples in the north and south shoots were cut across the full width of the drifts, and since the ore occurs largely in massive form ~~sphalerite ran than rather than as~~ some sorting out of waste would be possible.

Ore Reserves

The present development on the property does not block out any ore. A vertical projection of the north shoot ~~to~~ the surface would give average backs of approximately 100 feet. Driving on the vein in the south tunnel will gain roughly .8 ft of backs for each foot of advance into the hill.

Proposed Development

The development program would aim at blocking out ore by raising in the south ore shoot, and driving the north tunnel to the limits of the north shoot, or, assuming that the ore continues in this face, sufficiently far to justify raising to block out ore. If the tunnel development proves that the shoot is short it would be ~~seen~~ advisable to sink either on this shoot or on the south shoot. Estimated cost for this program ~~would be short~~ is given in the original report.

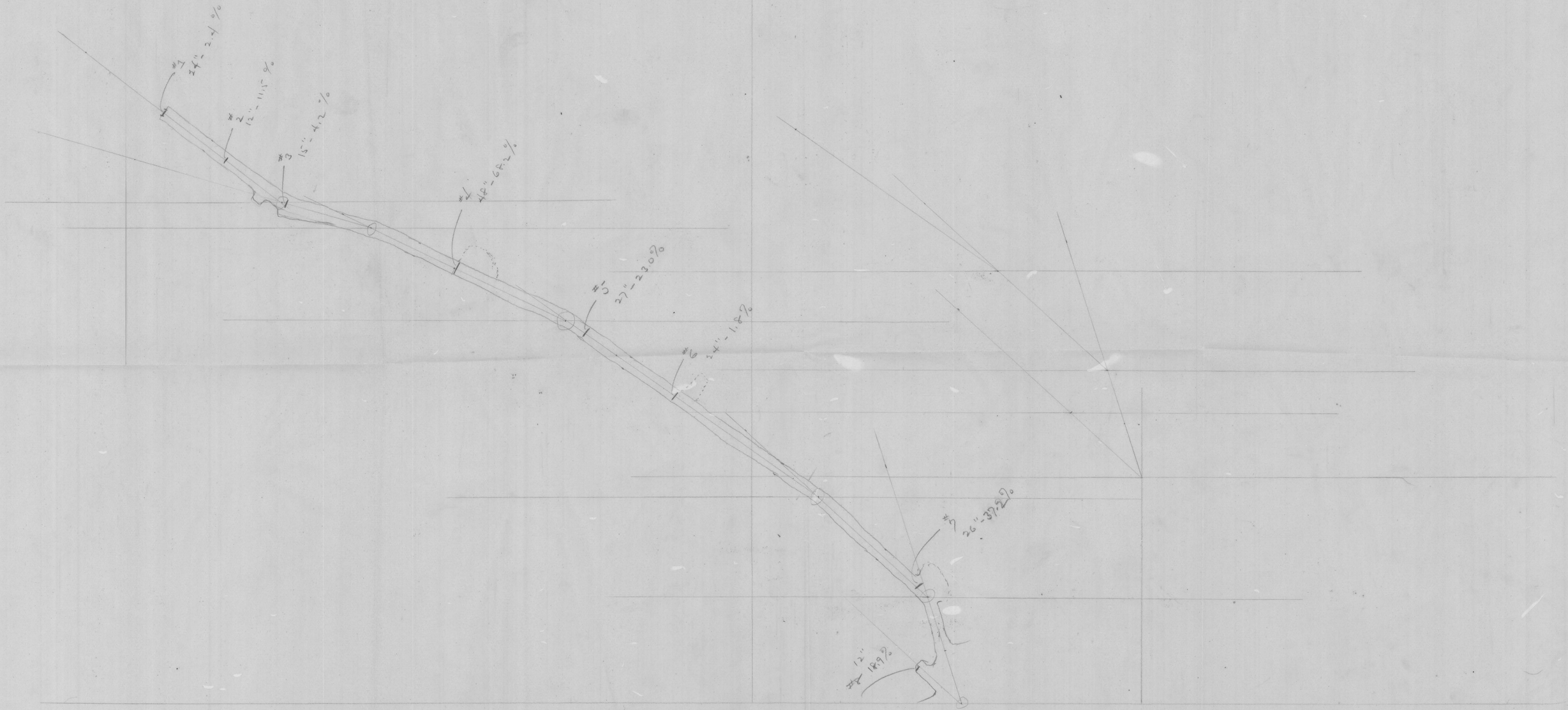
Ore from development would be stockpiled until the property shall have been sufficiently ~~reserves had been blocked out to justify building of a road down in the canyon~~ proven to justify building a road down the canyon.

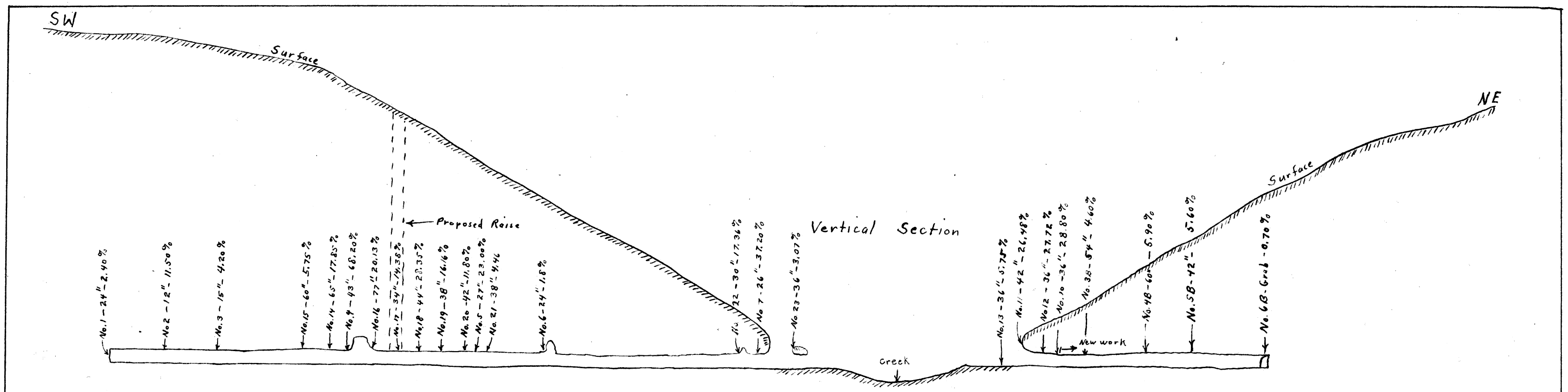
Comments of Supervising Engineer

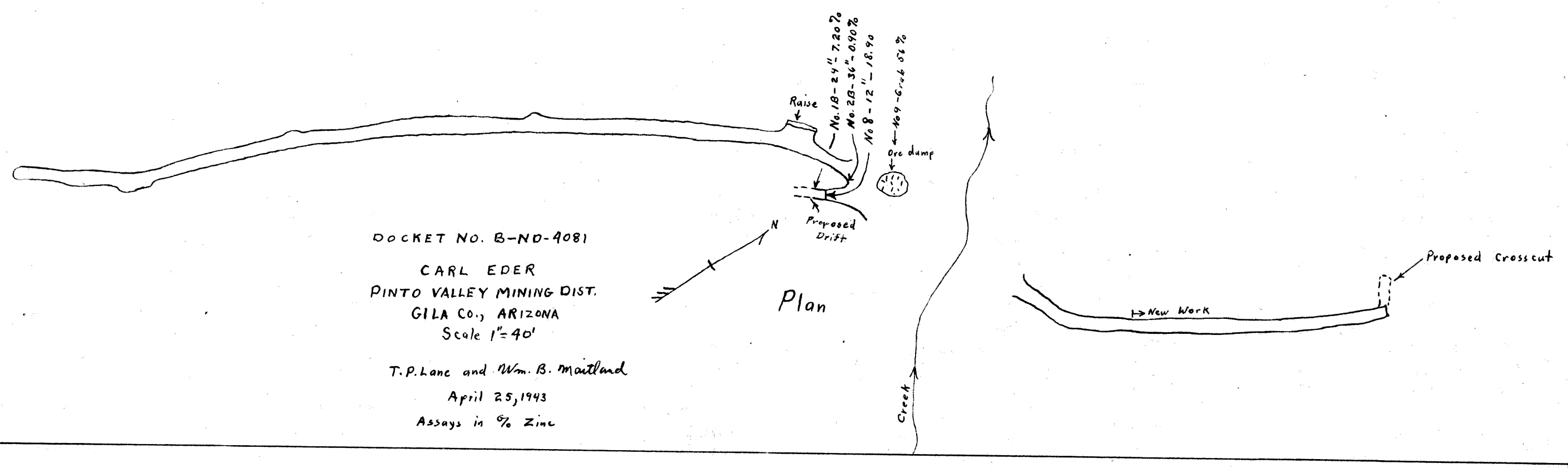
The possibilities for developing a small mine and an appreciable amount of zinc in a short time and at small cost seem good.

The proposed development in the south shoot could be reasonably expected to block out approximately 2000 tons for with a profit of $6.00 per ton as indicated by sampling on the level. Another shoot of profitable ore is indicated in the shoot north tunnel with good ore continuing in the face; and it is possible that a third shoot is present at the portal of the south tunnel and under the creek.

A development loan appears to be justified.


#1
54" - 2.4 %
#2
42" - 11.5 %
#3
15" - 4.2 %
#4
42" - 6.2 %
#5
27" - 23.0 %
#6
24" - 1.8 %
#7
36" - 37.2 %
12"
18.9 %



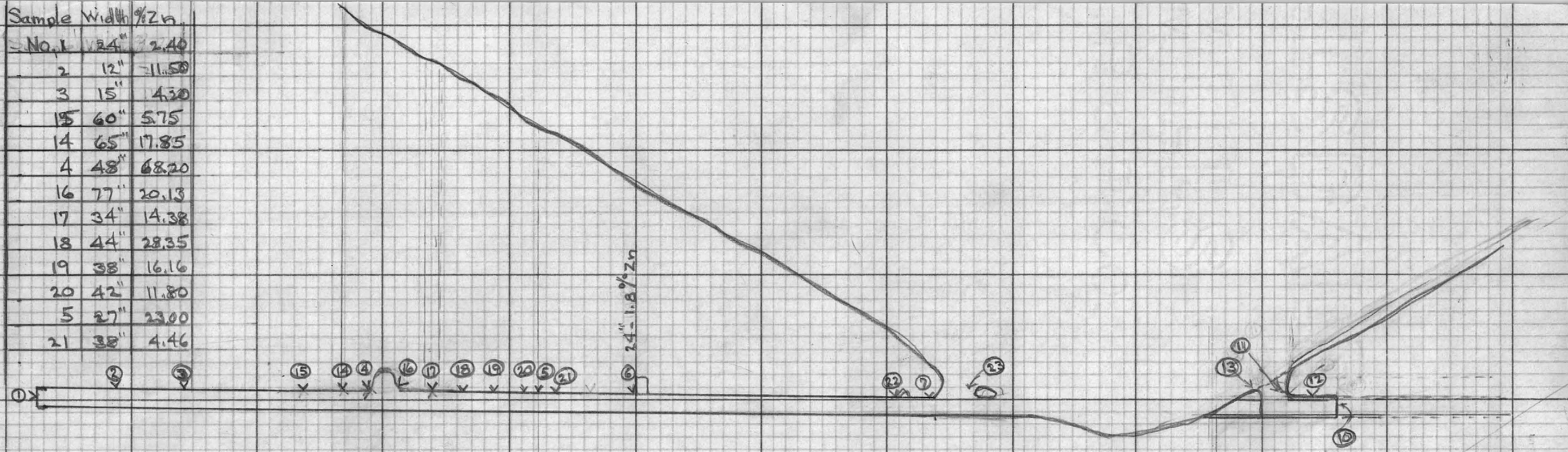


DOCKET NO. B-ND-4081

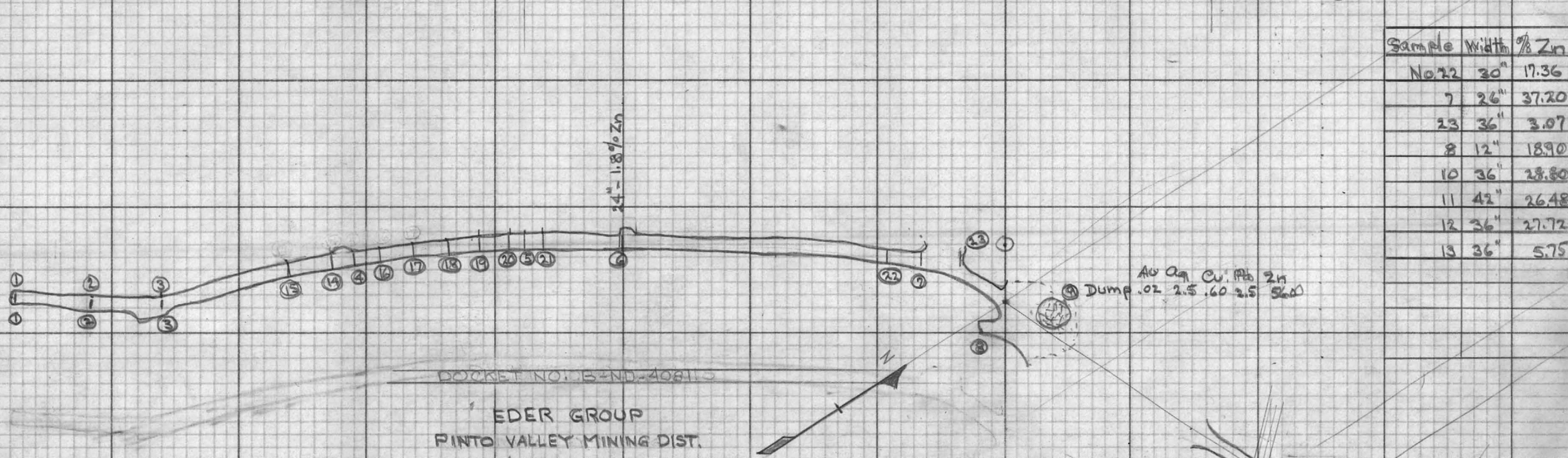
CARL EDER
PINTO VALLEY MINING DIST.
GILA CO., ARIZONA
Scale 1"=40'

T.P. Lane and Wm. B. Maitland
April 25, 1943
Assays in % Zinc

Sample No.	Width	%Zn.
1	24"	2.40
2	12"	11.50
3	15"	4.30
15	60"	5.75
14	65"	17.85
4	48"	68.20
16	77"	20.13
17	34"	14.38
18	44"	28.35
19	38"	16.16
20	42"	11.80
5	27"	23.00
21	38"	4.46



Sample No.	Width	% Zn
22	30"	17.36
7	26"	37.20
23	36"	3.07
8	12"	18.90
10	36"	28.80
11	42"	26.48
12	36"	27.72
13	36"	5.75



DOCKET NO. B-ND-4081.3

EDER GROUP
PINTO VALLEY MINING DIST.
Gila Co., Arizona
Scale: 1" = 40'

Ore
Proposed Work

T. P. Rowe
8/23/43