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WICKENBURG ORE MARKET

ASSAY CERTIFICATE

JOHN C. HERR, Assayer

WICKENBURG, ARIZONA July 3d 1943, 19

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

T P Lane --- R F C.

Phoenix Ariz.

Samp. No.	Owner's Mark on Sample	GOLD Ozs. Ton	GOLD Val. Ton	SILVER Ozs. Ton	SILVER Val. Ton	Percent of Cop'r	Percent of Lead	Total Value Per Ton ~~XXXXX~~ Zn.
	Beauchamp#I-78 Inch	0.08		2.00		0-0	0.40	2.20%
	" #2-34 "	0.28		3.70		0.60	0.50	I.40
	" #3-32 "	0.I2		4.I0		0.20	I.I0	I.I0
	" #4-35 "	0.I3		I.90		0.I0	0.30	I.00
	" #5-30 "	0.I3		I7.00		0.I0	0.50	8.50

Gold at $..... per Oz.

Copper at Smelter Settlement

John C. Herr ASSAYER

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

325 Heard Building
Phoenix, Arizona
March 15, 1945

JUNO MINE

The Juno Mine is situated in the low foothills about three-fourths of a mile northwest of Chloride and is thought to be on the northward continuation of the Silver Hill vein. It is one of the early locations and during the first period of its operation several operators derived good returns. An incline shaft was down 600 feet with three levels at 100 feet, 200 feet and 300 feet. Sometime between 1900 and 1904 the shaft caved and all work was suspended. Between 1904 and 1936 very little information can be obtained, but according to local information a great deal of rich oxidized ore near the surface was mined. Between 1885 and 1917, according to the Bulletin on Arizona Metal Production, there was produced gold and silver valued at $250,000.

In 1939, Producers Mines, Inc. purchased the mine, sank a vertical shaft 100 feet and drifted about 125 feet north on the ore. They operated the mine only for a short time, extracting a considerable amount of gold and silver, principally from the floor of the surface tunnel and down 65 feet to water level (no record available). This ore was sent to their cyanide plant.

Early in 1940, Mr. Floyd Brown took a lease from the Producers Mines, Inc. and mined out about 890 tons of sulfide ore between the 100 foot level and the 65 foot level. All of his ore was milled at the Tennessee mill in Chloride. The grade and value of the ore are not available.

Mr. J. H. Beauchamp obtained a lease in 1943 and later obtained a $5,000 Preliminary Development Loan from the Reconstruction Finance Corporation to sink an additional 50 feet and drift out under the ore. Later an additional loan of $4,500 was granted to mine the exposed ore.

The Juno vein occurs as a quartz and gouge filled fissure in granite and varies from a few feet to 8 or 10 feet in width. An irregular but continuous band of sulfide about 30 inches in width usually follows closely to the thick black fault gouge. Sulfides consist of abundant pyrite, some sphalerite and galena, and minor arsenopyrite and chalcopyrite.

The vein strikes NW and dips NE. Near the surface the vein dips more steeply than on the 150 foot level where it varies between 35 degrees and 55 degrees. The flat dip, soft vein material and water make mining difficult and expensive. Development on the 150 level tends to indicate that the ore occurs in kidney-like masses. There are no apparent structural controls, although change in strike and dip may have some bearing. Fault movement within the vein also may have some bearing on the location of the ore shoots. Although the ore shoots in the district are thought to rake to the north, there is no evidence that the ore shoots in the Juno Mine rake north. Development to the north would indicate that they do not rake north.

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PHOENIX, ARIZONA 85013

XXXXXXXXXXXXXXXXXXXX

325 Heard Building
Phoenix, Arizona
March 7, 1945

TULLY - Asst. Chief - Mining Section, RFC - Washington 25, DC

Re: J. H. Beauchamp - Docket No. ND-5998

Enclosed please find Progress Report on above-captioned project, in duplicate.

CHARLES A. RASOR
Supervising Engineer

CAR:sbm

Enc:
2c - Progress Report
w/ attachment

RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
PROGRESS REPORT OF SUPERVISING ENGINEER
****

Re: J. H. Beauchamp
Docket No. ND-5998
Date of Visit: February 28, 1945
Date of Report: March 7, 1945

The following has been accomplished at Borrower's property since Mr. Frisbie's report of November 4, 1944.

1. MINING:

A. North Drift:

Ore developed in this drift has been almost completely stoped. Mr. Beauchamp stated that they were cleaning out car No. 21. We have received returns on 17 cars in this office, the total tonnage being 834. Four more cars will result in about 1050 tons coming from this stope. Borrower has drifted about 100 feet more from the last visit. Results are almost negative. Borrower was attempting to find the downward extension of ore stoped near the surface (see map). The two levels are divergent and it may be that Borrower has overlooked a split in the vein. This could happen as the vein is flat in dip, wide, and in a fault zone.

B. South Drift:

No more drifting has been done since the last visit, but a raise, 27 feet from crosscut, has encountered very good ore. Most of the heavy zinc ore was found behind a thick gouge which was taken as the hanging wall. This find may result in others being found on this level.

C. GENERAL:

Borrower has mined about all the ore that will be found on the present level. However, the Borrower may reopen the old Incline shaft by drifting south from the 150 foot level. Only a few feet separate the 150 foot level from the old 220 level of Incline shaft. Also, the Borrower may drift on north. If no additional ore is encountered, it is likely that the operation under RFC funds will cease. Borrower has about $2700 in the account. Although the operation has produced considerable metal, it has not been profitable to the extent of building up enough reserves to make a repayment on the loan.

CHARLES A. RASOR
Supervising Engineer

CAR:shm

Attachment:
Map

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

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PHOENIX, ARIZONA 85013

RECONSTRUCTION FINANCE CORPORATION
MINING SECTION
LIQUIDATION REPORT
****

Jumo Dune

Borrower: J. H. Beauchamp
Docket No: ND-5998
Date of Report: December 16, 1946

1. NAME AND ADDRESS OF APPLICANT:

J. H. Beauchamp
Box 142
Chloride, Arizona

2. LOCATION OF PROJECT:

In unsurveyed portion of T. 23 N., R. 18 W., Wallapai mining district, Mohave County, Arizona, about 25 miles from Kingman, Arizona.

3. AMOUNT OF LOAN AND DATE OF AUTHORIZATION:

A loan of $10,000 was approved on June 23, 1944. Of this loan $5,000 was used to repay a preliminary development loan approved November 17, 1943.

4. PURPOSES FOR WHICH LOAN WAS EXPENDED:

A preliminary loan of $5,000 made the mine accessible for examination, and revealed ore as expected. A further loan of $5,000 was made to carry on further development and mining.

Borrower did 450 feet of drifting on the 100 and 150 foot levels, 25 feet of cross cutting, and 50 feet of raising. Also the Borrower mined 1328.8 tons of complex ore that had a net mill value of $3895.91, and a premium return of $14,526.84. The gross metal content was 225.541 ounces gold, 8901 ounces silver, 5,611 pounds of copper, 128,920 pounds of lead and 131,337 pounds of zinc.

5. EQUIPMENT:

A. No equipment was acquired in whole or in part with loan or operation funds.

6. PROPERTY:

The property is held by lease dated January 23, 1943, running for a period of 5 years. Lease is still in effect.

7. COMMENTS:

Borrower terminated operations on the project October 15, 1946, following Mr. Frisbie's last examination on September 19, 1945. Borrower had exhausted the possibilities of finding ore on the 100 and 150 foot levels. No payments were made toward repayment of the loan. However, $490.41 was paid on interest.

On September 28, 1945, there was a gas tax refund of $58.75 deposited in the account. On November 1, 1945, there was a motor gas tax refund of $9.80, and on November 30, 1945, Borrower deposited $95.22 which probably represented insurance refund. These refunds plus unexpended

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sums remaining in the account added up to $197.07. On October 2, 1946, the Valley National Bank retained $37.50 as full payment of their fee for handling the captioned account, and forwarded $159.57 to the Federal Reserve Bank of San Francisco to be applied against the indebtedness of the Borrower.

8. CONCLUSION:

The proposed project failed to develop any material quantity of ore beyond that extracted, and the property is believed to have little value at present. Consequently, the loan should be considered a loss.

9. RECOMMENDATIONS:

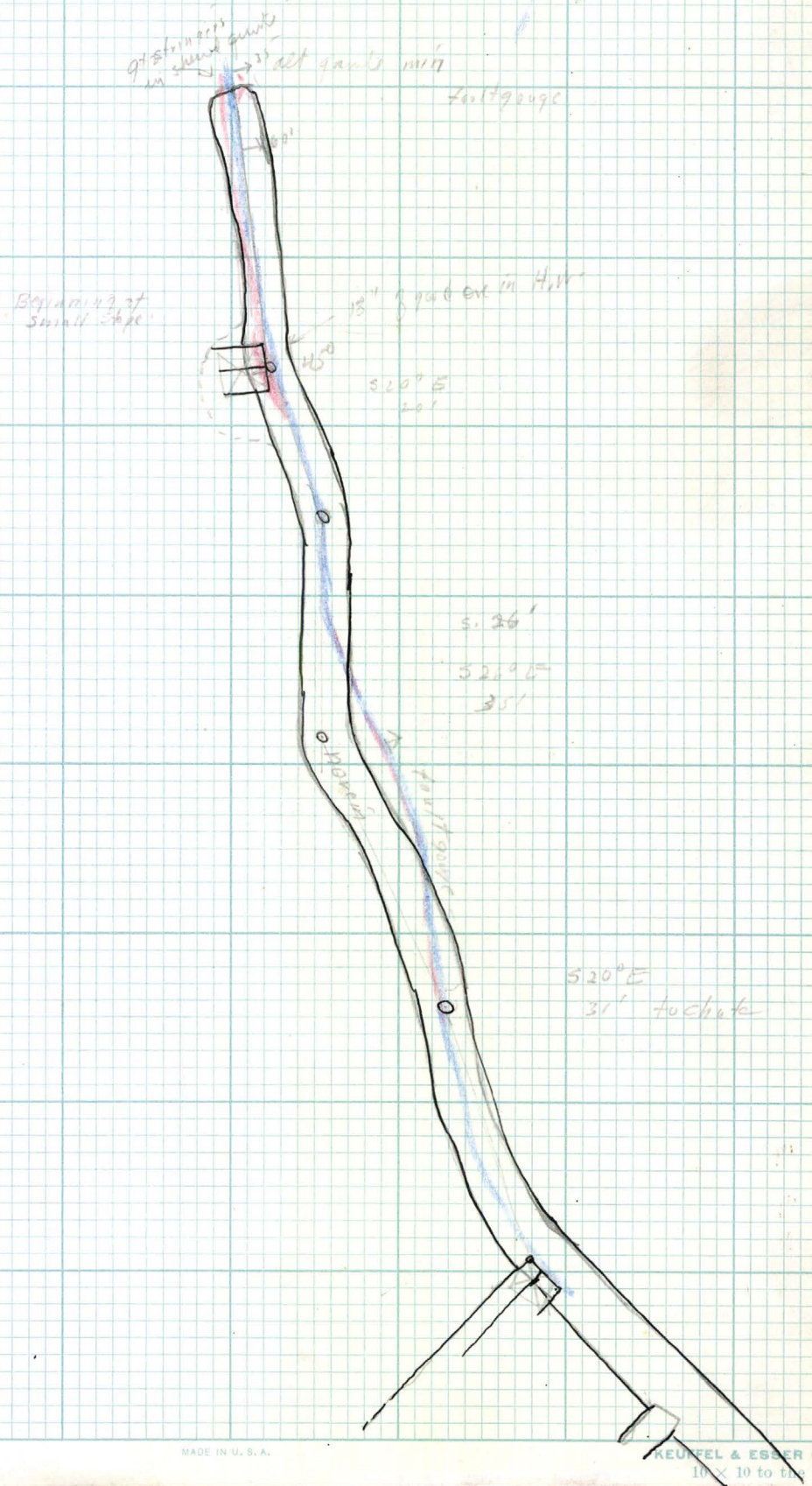
It is recommended that this account be closed.

CAR

CHARLES A. RASOR
Supervising Engineer

CAR:gmk

32
28
26
35
31
144
120
24
59/5



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KEUFFEL & ESSER CO. N.Y.
10 × 10 to the inch.

Mr. Lane's file copy

D. K. MARTIN & ASSOC.
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PHOENIX, ARIZONA 85013

Jerome Mr.

325 Heard Bldg.
Phoenix, Arizona
June 8, 1944

TULLY - Asst. Chief - Mining Section RFC - Washington

Re: J. H. Beauchamp - Docket No. ND-8574

I am enclosing herewith, two copies of my report on the captioned project together with a copy of the application with supporting data.

TRAVIS P. LANE
Supervising Engineer

TPL:MHW
Encs.

D. K. MARTIN & ASSOC.
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PHOENIX, ARIZONA 85013

RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
REPORT OF SUPERVISING ENGINEER

Docket No.: ND-8574
Date of Examination: May 23, 1944
Date of Report - - : June 8, 1944

Name and Address of Applicant:

Name: J. H. Beauchamp
Address: P. O. Box No. 142
Chloride, Arizona

Correspondent: Same

The applicant applied for and was declined a loan in the amount of $10,000.00 in August, 1943. In my report on the mine, dated July 13, 1943, in connection with this application, I commented favorably upon the possibilities of the property, but pointed out that in the absence of factual evidence regarding ore in the accessible portions of the mine the proposed development would be of an exploratory nature. Subsequently the applicant requested an "accessibility" loan in the amount of $5,000.00 basing his request upon authoritative statements and assays, not submitted in the original application, regarding the occurence of a shoot of ore in the floor of a level (inaccessible) below a stoped area in the mine. Following a reveiw of the matter in the light of the new evidence favorable recommendations were made by Mr. Gohring and myself (seeletters dated February 1, 1944) and a loan was granted to the project in November, 1943.

Upon exhaustion of the loan funds in May of this year, the applicant applied for an additional loan in the amount of $5,000.00 and the property was examined on May 23, 1944 with regard to this application.

Work accomplished under the loan consisted of sinking the shaft to ppen a level at 150 feet, crosscutting to the vein and drifting on the vein. The footages advanced in this work were as follows:

Shaft sinking - - - - - 50 feet
Crosscutting - - - - - 65 feet
Drifting - - - - - - - 97 feet

During the progress of drifting on the vein approximately 20 tons of good ore was recovered and stock piled near the shaft collar.

The applicant is now carrying the work forward with a skeleton crew at his own expense. He advised us that he has recently advanced the north drift another several rounds in good ore and that the ore stock piled now amounts to approximately 40 tons.

Following is a description of the new work and my recent sampling (see sketch).

The vertical shaft was sunk from the 100 ft. level sump (109') to a depth of 159 feet and a level opened on the vein from a shaft crosscut at 150 ft.

The vein dips at approximately 45° E and its foot wall was uncountered at 51 feet from the shaft. The vein here is about 14 feet wide with a poorly defined hanging wall. The material in the vein as exposed in the crosscut is less regularly stratified than on the level above. A lens of ore which occurs in about the center of the vein dips at a lower than average angle (22°) within the vein.

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The ore showing is small and pinches out in the back of the crosscut which is caved out here to a hight of 10 feet above the floor. Sample No, 1 was cut across the ore lens in the north wall of the crosscut. Applicant's sample No. 1 - S was cut across the lens on the south wall of the crosscut. The lens is poor in this wall and appears to be pinching out.

Because of the caved condition of the vein where encountered in the crosscut a north drift was started in the foot wall of the vein. The drift encounters the vein at 20 at which point it is displaced about 7 feet toward the foot wall by a NE fault plane which stands about vertical. The vein from this point to the face*however, contains little lead or zinc until a point about 15 feet back *carries a continuous quartz band which from the face of the drift. A good shoot of lead-zinc sulphide ore containing a little chalcopyrite begins at this point and continues with consistent width and metal content to the face. A fault in the face of the drift displaces the vein some 4 feet toward the foot wall. The effect of the fault here is such that two segments of the oreband are exposed in the face. Samples No. 2 and No. 3 represent cuts across each segment in the face.

The average of samples 2 & 3 (combined), and Nos. 4, 5 and 6 represents a shoot of ore 15 feet in length. The average assay is as follows:

Width	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn
24.1	.33	5.25	.50	7.06	6.93

Sample No. 12 represents 20 tons of ore, separately piled, whichwas derived from the above ore shoot. It assayed:

Oz. Au	Oz. Ag	% Cu	% Pb	% Zn
.24	2.7	.78	6.00	6.84

Sample No. 11 represented the dump material derived from drifting in the vein after sorting out the material of dump sample No. 12.

The vein material is soft and development openings in the vein must be closely timbered, and in stoping operations waste falling will have to be maintained close to the working face.

Because of the hardness of the ore as contrasted to the waste material selection and sorting of ore is not difficult and its grade will not suffer excessively from dilution. For purposes of estimation it is assumed that the ore shipped will assay about as shown in dump sample No. 12. The applicant proposes to ship to the U. S. Smelting Refining and Mining Co. at Salt Lake City. The net value to the mine of ore of the grade of sample No. 12 would work out about as follows (the property receives "A" and "B" premiums, zero quota for lead and zinc, and "A" premium, zero quota for copper).

Au	.24 oz. x .75 x $34.9125	$ 6.28
Ag	2.7 x .75 x .71.1	1.47
Pb)		
Cu)	6.78 x 20 x .75 x .0446	4.54
Zn	6.84 x 20 x 60 x 40 x 8.25	2.71
		$15.00

Premiums

Cu	.78 x 20 x .87 x $ .05	$ .68
Pb	6.00 x 20 x .86 x .055	5.68
Zn	6.84 x 20 x .77 x .055	5.79
		$12.[illegible]

Total payment for metals $27.[illegible]

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Carried over		$27.15
Less: Trucking	$1.50	
Freight	4.95	
Treatment	3.25	
		9.70
Net value to mine		$17.45

Mining cost is estimated at $7.00 per ton, and the indicated profit therefore on the above ore is $10.45.

As noted previously in this report the applicant has extended the north drift several rounds since the date of the examination and reports that he has accumulated another 20 tons of ore similar to that which was on hand (sample No. 12) at that time.

Proposed Work and Estimated Cost:

The applicant proposes to drift 300 feet on the vein on the 150 foot level. He proposes also to build an ore bin. Estimated cost of such work is as follows:

Drift 300 feet at $15.00 per foot	$4,500.00
Build ore bin	500.00
TOTAL	$5,000.00

Comments of Supervising Engineer:

Judging from the assays on the 100 ft. level directly above the present working face and the shipments made from that place (see applicant's data submitted with his previous application) together with the fact that ore was stoped in the tunnel level for a distance of some 150 feet beyond the north face of the 150 ft. level the prospect for developing a substantial tonnage of ore on this lower level appears good. It is expected that ore derived from the proposed development will provide working capital in sufficient amount to render the project. self sustaining.

The applicant is reliable and is conducting his work in an efficient manner.

In view of the above, I would recommend that the request for an additional loan be granted.

TRAVIS P. LANE
Supervising Engineer

4090 Dil. JUNO MINE

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No	width	Cu %	width x % Cu	
1	2'	1.80	3.60	.02
9	2'	4.00	8.00	.02
2	4'	2.70	10.80	.03
10	3'	3.85	11.55	tr
3	4'	2.20	8.80	.03
11	2	1.60	3.20	tr
4	3'	3.25	9.75	.03
12	2'	1.80	3.60	tr 242 97
5	2'	4.70	9.40	.02 1.45
13	4'	1.00	4.00	tr
6	5	1.45	7.25	.02
11)	33		79.95	
	3		33	= 2.42 % Cu
				4
				9.68

# 18	16"	7.40	Cu .45
19	16"	7.70	.45 .04
20	16"	5.12	.04 .02
21	16"	2.20	.02 .54
22	20"	1.85	.54 04
23	16	5.00	.04 04
24	16	5.30	.04 03
25	16	5.00	.03 02
26	16	2.16	.02 .02
27	16"	1.20	.02 .06
28	16	2.90	.06 04
29	16	7.25	.04 .16
32	16	13.30	.02
33	16"	0.00	.00 tr
34	16"	1.65	.02
35	16	12.60	.02
36	16	.95	.00 tr
37	16	11.80	.02

Juno Mine

In re: Docket No. N.D.-5633
J. H. Beauchamp

W. B. GOHRING, Sup. Eng. Mining Division, RFC, Phoenix
November 1, 1943

At your request, I am reviewing and commenting upon the above captioned project:

I examined this property on June 30, 1943 (Report dated July 13th) following receipt of application for a loan in the amount of $10,000. The accessible portions of the mine did not contain appreciable amounts of lead and zinc and while I was favorably impressed with the possibilities of the mine I did not feel that the data presented were sufficiently authoritative to justify a loan for prospect development. The present application for loan in the amount of $5,000 is accompanied by new evidence, consisting of (1) a statement by recent operator and (2) a list of assays on the 100 ft. level which was sampled by the Producer Mines Inc. I would comment upon this additional evidence as follows:

(1) Mr. Floyd Brown is a well known mine operator and I believe that his statements are reliable. Records of his shipments to the Tennessee Mill were included with his original application.

(2) The Producer Mines Inc. operated a mine and mill for many years some 10 miles west from the subject property. The mill, which accepted custom ores from a great many operators in the region, was a cyanide plant and did not attempt to recover metals other than gold and silver. Operations were discontinued following the ban on gold mining. The company was noted for its capable management and fair dealing with the various shippers. It maintained a crew of engineers and samplers in the field and undertook the development of a number of properties in the vicinity of their principal mine. Among these was the property which is the subject of this report and from which they produced a substantial amount of gold-silver in 1939. The samples by the Producer's engineers were taken at 5 foot intervals in the back and floor of the level and I see no reason to question their authenticity.

D. K. MARTIN & ASSOC.
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PHOENIX, ARIZONA 85013

A visual average of the floor samples is about as follows: .2 oz au - 10.0 ag - 6.0% pb - 7.0% zn. The average width, excepting samples Nos. 30 to 33, is about 36".

Ore of the above grade would be shipped to the U. S. Smelting, Refining and Mining Co. at Salt Lake and would have a net value to the mine, after freight and treatment charges and crediting "A" premiums on lead and zinc, of approximately $11.00 per ton. Mining and development cost should not exceed $5.00 per ton and a substantial profit therefore is indicated.

PROPOSED DEVELOPMENT

The level is caved and filled with stope gob and cleaning out here would be quite costly and would accomplish no useful purpose. The applicant's proposal to open a new level appears to be logically indicated and I am in agreement with his estimates of the cost of this work.

CONCLUSIONS:

A shoot of profitable ore some 140 feet in length is reliably reported to exist in the floor of the 100 ft. level, and it would be entirely reasonable to expect that this ore will continue in depth. The strength of the vein, its productivity in the upper workings and the reports regarding the presence of lead-zinc ore in the old incline shaft (inaccessible) are favorable factors which point to the probability that an important producing mine will be developed here.

The applicant is a man of good character and has a long record as a competent mine operator. His faith in this property is evidenced by his having assumed the primary risk in equipping the property and spending some $3500 of his money in its development. He is at present keeping the workings clear of water.

No purchase of equipment is contemplated from loan funds. All machinery necessary for the proposed development program is now installed at the mine, and the applicant owns considerable additional equipment, on another property, which he will transfer to this job in case of future need.

In view of the above, I would recommend that favorable action be taken on this application.

T. P. LAMB
Supervising Engineer

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PHOENIX, ARIZONA 85013

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PHOENIX, ARIZONA 85013

Juno Mine

RECONSTRUCTION FINANCE CORPORATION

MINING SECTION

REPORT OF SUPERVISING ENGINEER

Docket No. ND-5633 - - -J. H. Beauchamp
Date of Examination
Authorization received June 24, 1943
Date of Examination - - - June 30, 1943
Date of Report - - - - - July 13, 1943

1. NAME AND ADDRESS OF APPLICANT

J. H. Beauchamp
P.O.Box 295
Kingman, Arizona

Correspondent:

Same

2. CHARACTER OF PROJECT

Development of gold-silver-lead-zinc

3. LOCATION OF MINE

The mine is located in T. 23 N. R 18 W., in the Wallapai Mining District, Mohave County, Arizona. The settlement of Chloride is 1-1/2 miles South-East by road from the mine. Kingman, Arizona, the nearest rail point and supply center is 25 miles from the mine. Approximately 1 mile of this road, nearest the mine, is fairly level good dirt road and the balance is paved highway. The roads are passable at all seasons.

4. APPLICANT

The applicant is a middle-aged man who has followed mining during most of his adult life. He has operated a gold property in the southern end of the Cerbat Mountains intermittantly during the past 30 years, making a sizeable gold production though apparently without over-all profit. He has moved much of the equipment from this property onto the subject property and has spent to date approximately $3,000.00 in its development. He owns a small business property in Kingman. He is an intelligent, practical miner and is entirely competent to handle a development project in an efficient manner.

5. LOAN REQUESTED

The applicant originally requested a loan of $20,000.00, but following discussion with this Engineer and agreement that a smaller sum would suffice to prove or disprove the property, he has changed his program and now requests $10,000.00. His letter, dated July 2, 1943, which is attached to the application, submits a program within this amount.

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

6. DESCRIPTION OF PROJECT

A. General Features

(1) There are no mine workings, mill or other necessary appurtenances which are not confined within the applicant's ownership.

(2) The project would comply with State Compensation and Safety-First Statutes.

(3) There are no apparent legal discrepancies in the proposed project.

(4) There are no impeded right-of-way facilities.

(5) There is no likelihood of surface or sub-surface trespass during the project.

B. Existing Development

(1) The mine is opened by tunnel and shaft.

a. The applicant presents a rough map of the workings. The sketch which accompanies this report was made from a tape and compass survey of the part of the accessible workings in which ore is claimed and in which the proposed work is to be done.

b. Samples were cut with pick and moil and gathered upon canvas.

c. The main tunnel and vertical shaft and the recent work performed by the applicant on the 100' Level from the vertical shaft were accessible. The stopes, however, were inaccessible and no part of the old incline shaft or its workings was accessible.

d. General Features of Deposit, etc.

The property comprising one patented and one unpatented claim lies in a comparatively flat area at the western base of the Cerbat Range. The applicant operates under lease and option to purchase from the owner of the claims. The original of the lease agreement accompanies the application.

The Main or Juno Vein occurs as a quartz and gouge filled fissure in granite. It varies from a few feet to 8 or 10' in width, strikes Northwest-Southeast, and dips approximately 50% Northwest, and is traceable by prominent croppings throughout the length of the two claims.

Development of the property began prior to 1900 and it was quite extensively worked until about 1904. The vein near the surface was

reported to have been quite rich in gold with some silver, though no record is available regarding this early production. An old incline shaft was sunk to a depth of 600 and levels driven at 100,200 and 300'. This shaft is completely caved and no authentic data is available regarding its workings. During later years the property made a small intermittant production of gold and silver from shallow surface workings, and from above the tunnel level and for a short distance below this level. More recently (1939) the Producers' Mines Inc., which operated a nearby gold property and cyanide plant undertook the development of the subject property. A vertical shaft was sunk and the vein northwest of the shaft was opened by a drift at 100'. The company operated the mine for a short time and mined a considerable amount of gold - silver ore (no records available), principally in the floor of the tunnel and down to water level at about 65'. During the early part of 1940, a lessee produced about 890 tons from above the 100' level in the vertical shaft. The settlement sheets for this production (accompanying the application) indicate fair gold and silver values and appreciable amounts of lead and zinc. This part of the mine was later gobbed and is now inaccessible.

Since taking over the property in January, 1943, the applicant has re-equipped the mine and unwatered the shaft and has drifted some 45' southeasterly on the vein on the 100' level. The northwest drift is filled and lagged off. The vein in the drift is some 6 to 8' wide, the vein filling being about equal parts of quartz and mud gouge and containing an irregular but continuous sulphide band averaging about 30" in width. The sulphide is principally pyrite and arsenopyrite with some sphalerite and a little galena.

Sampling of the workings (see sketch) indicates consistent appreciable gold and silver values with only small amounts of lead and zinc except at samples No. 1 A and No. 5. These two samples were cut on opposite sides of the drift at the same distance from the shaft.

7. PROPOSED DEVELOPMENT

The applicant proposes to sink the vertical shaft an additional 100' and to crosscut to the vein and drift southeast on it to connect with the old workings in the incline shaft at about the 220' level.

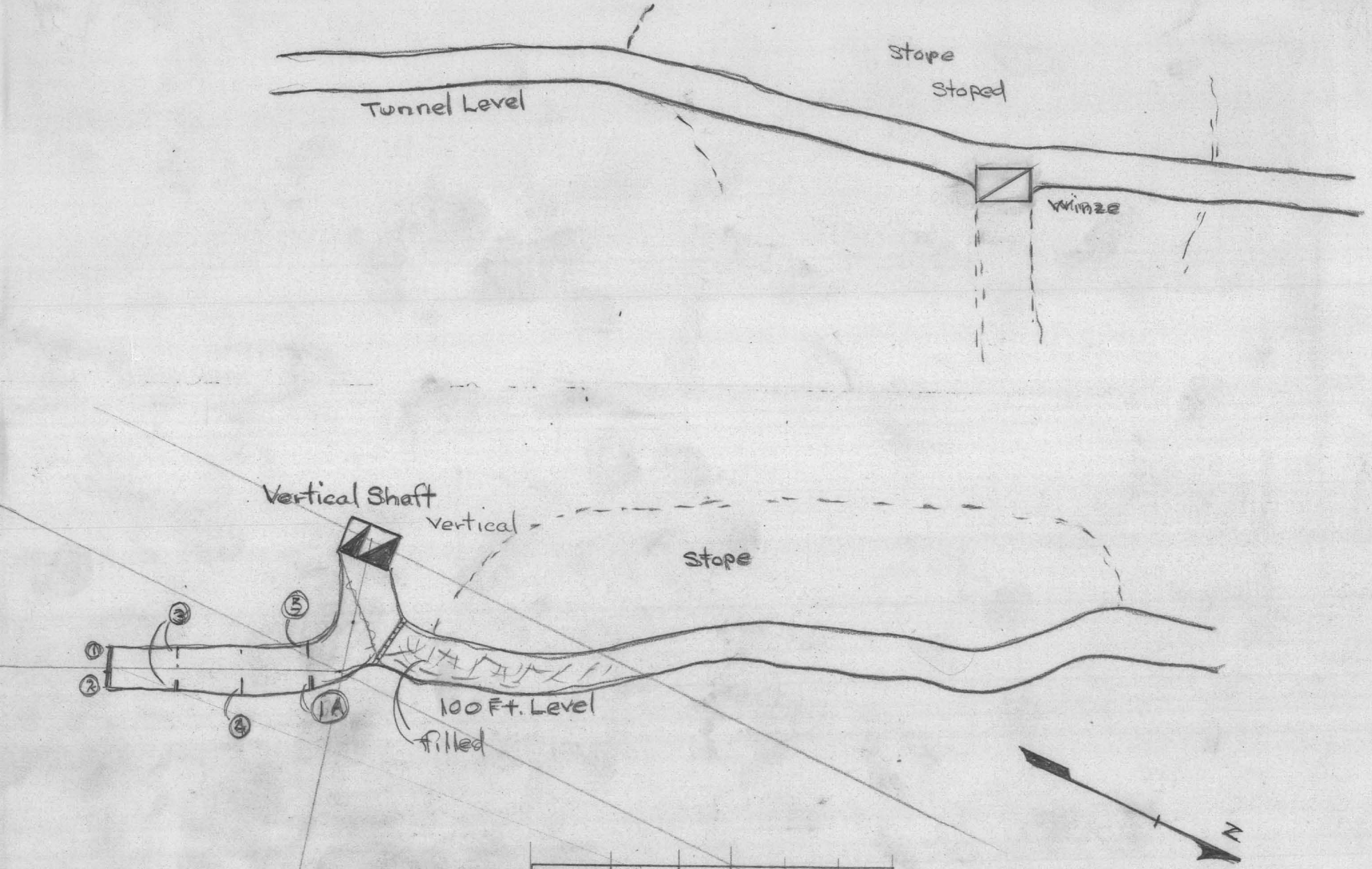
8. COMMENTS OF SUPERVISING ENGINEER

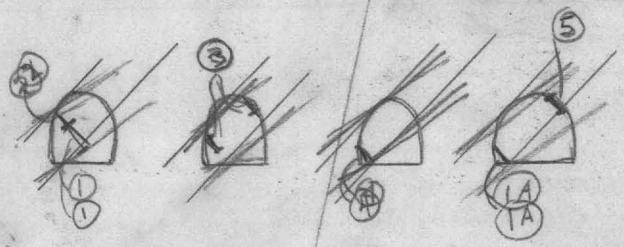
The property is essentially a gold mine and has produced substantially in the past from the oxidized portion of the vein in the workings near the surface. The proposed work anticipates developing lead and zinc ore in the sulphide

zone below water level (at about 65'). Liquidation sheets for ore shipped from the 100' level northwest in the vertical shaft show appreciable amounts of lead-zinc and old reports indicate that the deeper incline shaft workings developed these metals in the vein. The above workings however are inaccessible and the work recently performed by the applicant has not disclosed a mineable body of ore. The strength and size of the vein together with the settlements noted above and the reports regarding the incline shaft working affords some basis for believing that the vein will carry appreciable amounts of lead-zinc in depth, but that these metals will be found to occur in amounts sufficiently large to justify the proposed development is not now indicated by visible evidence in the mine. The proposed development would be of an exploratory nature and a loan therefore is not recommended.

T. P. LANE
Supervising Engineer

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013





Sample	Width	OzAu	OzAg	%Pb	%Zn
No 1	78"	.08	2.0	.40	2.20
2	34"	.28	3.7	.50	1.40
3	32"	.12	4.1	1.10	1.10
4	35"	.12	1.9	.30	1.00
5	30"	.13	17.00	.50	8.50
1 A	36"	.12	16.70	1.81	12.41

DOCKET NO. ND-5633
J. H. BEAUCAMP
June 30, 1943
Scale: 1" = 20
Samples ①

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

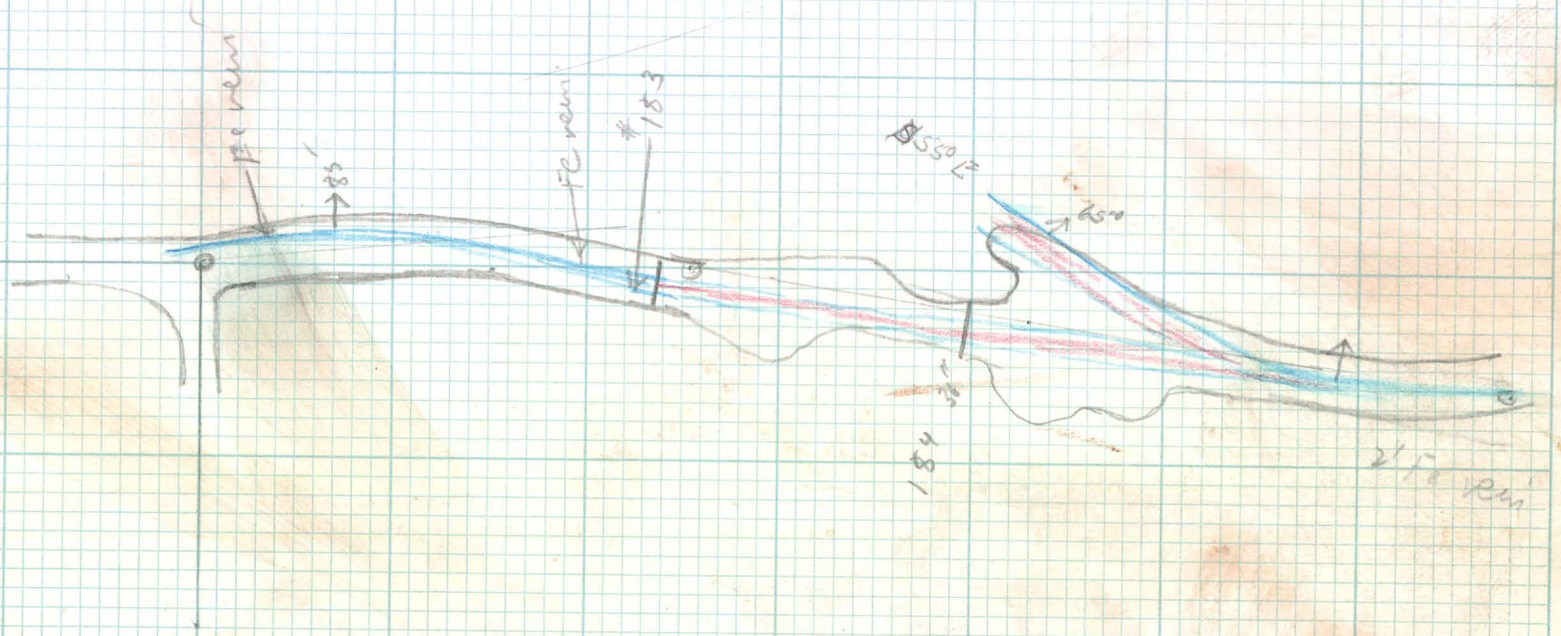
1" = 20'

Jan 22, 1944

Bonus 5 cents
applicable in semi act for
higher premium.
Years run → Cumi smelt
small amount of copper.

assay for silver

JUNO MINE



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KEUFFEL & ESSER CO., N.Y.
10 × 10 to the inch
MADE IN U.S.A.

(1) JUNO

D. A. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

Docket No
Date Auth for Exam Rec'd. 24th
Date of Exam — 30th
Date of Report.

1. Name and Address of Applicant

Name J. H. Beauchamp
Address P.O. Box 295
Kingman, Arizona

Correspondent
same

2. Character of Project
Development of gold-silver-lead-zinc

3. Location of mine
The mine is located in T23N, R18W in the Wallapai Mining District, Mohave County, Arizona. The settlement of Chloride is 1½ miles SE by road from the mine. Kingman, Arizona, the nearest rail point and supply center is 25 miles from the mine. Approximately 1 mile of this road, nearest the mine, is fairly level good dirt road and the balance ~~rest of the road~~ is paved highway.

the roads are passable at all seasons.

4. Applicant

The applicant is a middle-aged man who has followed mining during most of his adult life. He has operated a gold property in the southern end of the Cariboo mountains intermittently during the past 30 years making a sizeable gold production though apparently without over-all profit. ~~He owns small business property in Kingman. He is an intelligent practical miner and entirely competent to handle a mining development program. To date~~ He has ~~equipped the subject property~~ moved much of the equipment from this property onto the subject property and has spent to date approximately $3000 in its development. He owns small business property in Kingman. He is an intelligent practical miner and is entirely competent to handle a development program in an efficient manner.

5 Loan Requested

The applicant originally requested a loan of $20,000 but following discussion with this engineer and agreement that a smaller sum would suffice

~~to~~ prove or disprove the property he has changed his program and now requests $10,000. His letter dated July 2, 1943 which is attached to the application submits a program within this amount.

6 Description of Project

A. General features

1. There ~~are no~~ mine workings, mill, or other necessary appurtenances which are not confined within the applicant's ownership

2. The project would comply with ~~state~~ compensation and safety-first statutes.

3. There are no apparent legal discrepancies in the proposed project.

4. There are no impeded right-of way facilities.

5. There is no likelihood of surface or sub-surface trespass during the project.

6

B. Existing Development

1. The mine is opened by tunnel and shaft.

a. The applicant presents a rough map of the workings. The sketch which accompanies this report was made from a tape and

compass survey of the part of the accessible workings in which ore is claimed and in which the ~~applicant~~ proposed ~~to~~ work is to be done.

b. Samples were cut with pick and mail and gathered upon canvas

c. The main tunnel and vertical shaft, and the recent work performed by the applicant on the 100 Ft. level from the vertical shaft were accessible. The stopes however were inaccessible and no part of the old incline shaft or its workings was accessible.

d. General Features of Deposit, etc.

The property comprising one patented and one unpatented claim lies in a comparatively flat area at the western base of the Cerbat range. The applicant operates under lease and option to purchase from the owner of the claims. ~~a~~ The original of the lease agreement ~~is~~ accompanies the application.

~~The rocks of the region are granite and the fissure vein occurs as a~~

The main ~~is~~ fissure vein occurs as a quartz and gouge filled fissure in granite. ~~Development of the property began prior to~~ 1900. ~~The vein is quite promiscuously traceable~~

~~on the surface by prominent croppings throughout the length of the two claims. It strikes NW SE and dips varies in width from a few feet to 8 or 10 feet in width and is~~

NWP It varies from a few feet to 8 or 10 feet in width, strikes NW – SE and dips approximately 50% NW, and is traceable by prominent croppings throughout the length of the 2 claims.

Development of the property began prior to 1900, and it was quite extensively worked until about 1904. The vein near the surface was reported to have been quite rich in gold with some silver though no record is available regarding this early production. An old inclined shaft was sunk to a depth of 600 and levels driven at 100, 200 and 300 ft. This shaft is completely caved and no ~~records are~~ authentic data is available regarding its workings. During later years the property made a small intermittent production of gold and silver from shallow surface workings and from above the tunnel level and for a short distance below this level. More recently (1939) the Producers Mines Inc. which operates a nearby gold property and cyanide plant undertook the development of the subject property. A vertical shaft was sunk and the vein

~~level~~ was opened by a drift northwest of the shaft ~~on a level~~ at 100 Ft. ~~The company operated the mine for~~ a short time and mined a considerable amount of gold-silver ore ~~[illegible]~~ (no records available), principally in the floor of the tunnel and down to ~~also the 100 ft level in the vertical~~ ~~shaft~~ intersection at about 65 feet. During the early part of 1940 a lessee produced about 890 tons from ~~above~~ the 100 Ft. level in the vertical shaft. The settlement sheets (accompanying the application) indicate fair gold and silver values and appreciable amounts of lead and zinc. For this production this part of the ~~mine~~ was later gobbed and is now inaccessible.

~~The applicant on~~

Since taking over the property in January 1943 the applicant has re-equipped the ~~mine~~ and unwatered the shaft and has drifted some 45 ft southeastly on the vein on the 100 Ft. level. The northwest drift is filled and lagged off. The vein ~~#~~ in the drift is some 6 to 8 feet wide, the vein filling being about equal parts of quartz and mud gouge and containing an ~~sulphide~~ irregular but continuous sulphide band averaging about 30" in width. The sulphide is principally pyrite and arsenopyrite with some ~~lead and zinc the former occurring~~

(7)

~~in their short~~ veinlets ~~up to 1" in width and several feet long~~ sphalerite and a little galena.

~~galena and sphalerite~~

Sampling of the workings (see sketch) indicates consistent appreciable gold and silver values with only small amounts of lead and zinc except at samples No 1A and No 5. These two samples were cut ~~from the hanging wall and foot wall at the same point in the drift one on the Hanging wall upper~~ on opposite ~~each other on the opposite~~ sides of the drift at the same distance from the shaft.

Proposed Development

The applicant proposes to sink the vertical shaft an additional 100 feet and to ~~connect with the old workings at D in the incline shaft at about the 220 foot level~~ ~~in~~ crosscut to the vein and drift southeast on ~~the vein~~ it to connect with the old workings in the incline shaft at about the 220 foot level.

Comments of Supervising Engineer

The property is essentially a gold mine, ~~and the pro the proposed~~ proposed ~~project anticipates developing lead-zinc ore in the which has~~ and has produced substantially ~~in the~~ in the past from the oxidized portion of the vein in the workings near the surface. The ~~prospects for producing~~ proposed work anticipates developing lead and zinc

ore in the sulphide zone below water level. (about 65 feet) ~~Some of a small tonnage settlement~~ liquidation sheets for ore shipped from the 100 Ft. level northwest in the vertical shaft ~~indi~~ show ~~an~~ appreciable amounts of lead-zinc ~~content~~ and old reports indicate that the deeper incline shaft workings developed these metals in the vein. ~~All of the above workings are practically worthless~~ and ~~while the strength and size of the vein lend support to the offset and the above information affords some basis for belief that lead-zinc the vein at depth will carry appreciable amounts of lead and zinc proof of this fact and that the metals occur in the vein in substantial amounts. ~~sufficiently substantial amounts to justify the ~~ is not available~~ would depend upon development which must be closed as exploratory.

~~All of the above~~

Mr P

The above workings, however are inaccessible and the ~~recently~~ work recently performed by the applicant has not disclosed a mineable body of ore. The strength and size of the vein together with the settlements noted above and the reports regarding the incline shaft working affords some basis for believing that the

vein will carry appreciable amounts of lead-zinc in depth, but that these metals will be found to occur in amounts sufficiently large to justify the proposed development is not now indicated by visible evidence in the mine. The proposed development would be of an exploratory nature and a loan therefor is not recommended.

T. P. Fan
Mining Eng

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

325 Heard Building
Phoenix, Arizona
March 15, 1945

JUNO MINE

The Juno Mine is situated in the low foothills about three-fourths of a mile northwest of Chloride and is thought to be on the northward continuation of the Silver Hill vein. It is one of the early locations and during the first period of its operation several operators derived good returns. An incline shaft was down 600 feet with three levels at 100 feet, 200 feet and 300 feet. Sometime between 1900 and 1904 the shaft caved and all work was suspended. Between 1904 and 1936 very little information can be obtained, but according to local information a great deal of rich oxidized ore near the surface was mined. Between 1885 and 1917, according to the Bulletin on Arizona Metal Production, there was produced gold and silver valued at $250,000.

In 1939, Producers Mines, Inc. purchased the mine, sank a vertical shaft 100 feet and drifted about 125 feet north on the ore. They operated the mine only for a short time, extracting a considerable amount of gold and silver, principally from the floor of the surface tunnel and down 65 feet to water level (no record available). This ore was sent to their cyanide plant.

Early in 1940, Mr. Floyd Brown took a lease from the Producers Mines, Inc. and mined out about 890 tons of sulfide ore between the 100 foot level and the 65 foot level. All of his ore was milled at the Tennessee mill in Chloride. The grade and value of the ore are not available.

Mr. J. H. Beauchamp obtained a lease in 1943 and later obtained a $5,000 Preliminary Development Loan from the Reconstruction Finance Corporation to sink an additional 50 feet and drift out under the ore. Later an additional loan of $4,500 was granted to mine the exposed ore.

The Juno vein occurs as a quartz and gouge filled fissure in granite and varies from a few feet to 8 or 10 feet in width. An irregular but continuous band of sulfide about 30 inches in width usually follows closely to the thick black fault gouge. Sulfides consist of abundant pyrite, some sphalerite and galena, and minor arsenopyrite and chalcopyrite.

The vein strikes NW and dips NE. Near the surface the vein dips more steeply than on the 150 foot level where it varies between 35 degrees and 55 degrees. The flat dip, soft vein material and water make mining difficult and expensive. Development on the 150 level tends to indicate that the ore occurs in kidney-like masses. There are no apparent structural controls, although change in strike and dip may have some bearing. Fault movement within the vein also may have some bearing on the location of the ore shoots. Although the ore shoots in the district are thought to rake to the north, there is no evidence that the ore shoots in the Juno Mine rake north. Development to the north would indicate that they do not rake north.

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

WICKENBURG ORE MARKET

ASSAY CERTIFICATE

JOHN C. HERR, Assayer

WICKENBURG, ARIZONA July 3d 1943 19

T P Lane --- R F C .

Phoenix Ariz.

Samp. No.	Owner's Mark on Sample	GOLD Ozs. Ton	GOLD Val. Ton	SILVER Ozs. Ton	SILVER Val. Ton	Percent of Cop'r	Percent of Lead	Total Value Per Ton
	Beauchamp #I-78 Inch	0.08		2.00		0-0	0.40	2.30
	" #2-34 "	0.28		3.70		0.60	0.50	I.40
	" #3-32 "	0.I2		4.I0		0.20	I.I0	I.I0
	" #4-35 "	0.I3		I.90		0.I0	0.30	I.00
	" #5-30 "	0.I3		I7.00		0.I0	0.50	8.50

Gold at $..... per Oz.

Copper at Smelter Settlement

John C. Herr ASSAYER

XXXXXXXXXXXXXXXXXXXX

325 Heard Building
Phoenix, Arizona
March 7, 1945

TULLY - Asst. Chief - Mining Section, RFC - Washington 25, DC

Re: J. H. Beauchamp - Docket No. ND-5998

Enclosed please find Progress Report on above-captioned project, in duplicate.

CHARLES A. RABOR
Supervising Engineer

CAR:sbm

Enc:
2c - Progress Report
w/ attachment

D. K. MARTIN & ASSOC
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
PROGRESS REPORT OF SUPERVISING ENGINEER
****

Re: J. H. Beauchamp
Docket No. ND-5998
Date of Visit: February 28, 1945
Date of Report: March 7, 1945

The following has been accomplished at Borrower's property since Mr. Frisbie's report of November 4, 1944.

1. MINING:

A. North Drift:

Ore developed in this drift has been almost completely stoped. Mr. Beauchamp stated that they were cleaning out car No. 21. We have received returns on 17 cars in this office, the total tonnage being 834. Four more cars will result in about 1050 tons coming from this stope. Borrower has drifted about 100 feet more from the last visit. Results are almost negative. Borrower was attempting to find the downward extension of ore stoped near the surface (see map). The two levels are divergent and it may be that Borrower has overlooked a split in the vein. This could happen as the vein is flat in dip, wide, and in a fault zone.

B. South Drift:

No more drifting has been done since the last visit, but a raise, 27 feet from crosscut, has encountered very good ore. Most of the heavy zinc ore was found behind a thick gouge which was taken as the hanging wall. This find may result in others being found on this level.

C. GENERAL:

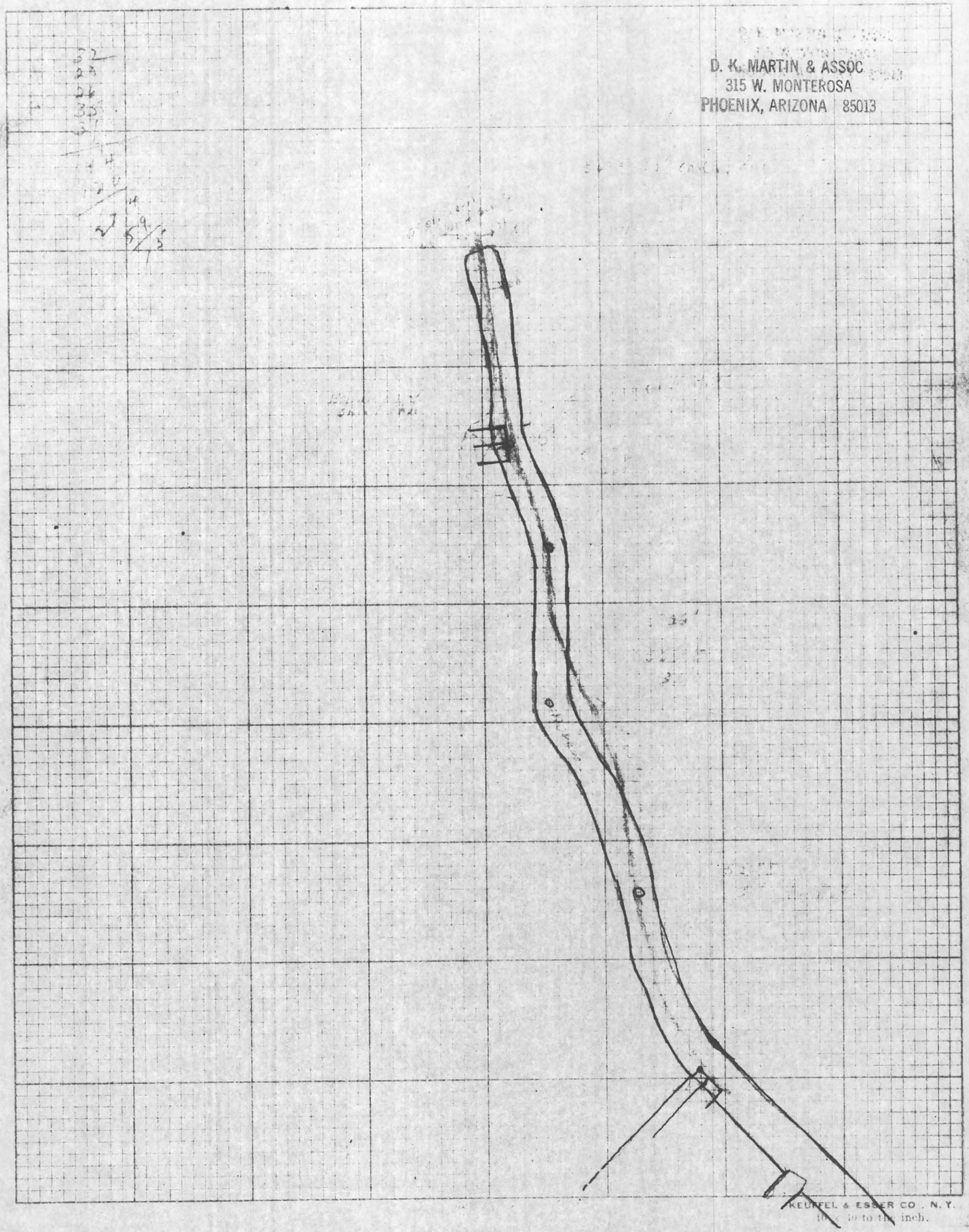
Borrower has mined about all the ore that will be found on the present level. However, the Borrower may reopen the old Incline shaft by drifting south from the 150 foot level. Only a few feet separate the 150 foot level from the old 220 level of Incline shaft. Also, the Borrower may drift on north. If no additional ore is encountered, it is likely that the operation under RFC funds will cease. Borrower has about $2700 in the account. Although the operation has produced considerable metal, it has not been profitable to the extent of building up enough reserves to make a repayment on the loan.

CHARLES A. RASOR
Supervising Engineer

CAR:slm

Attachment:
Map

D. K. MARTIN & ASSOC
315 W. MONTEROSA
PHOENIX, ARIZONA 85013



KEUFFEL & ESSER CO. N.Y.
10 x 10 to the inch.

JUNO

RECONSTRUCTION FINANCE CORPORATION
MINING SECTION
LIQUIDATION REPORT
****

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

Borrower: J. H. Beauchamp
Docket No: MD-5998
Date of Report: December 16, 1946

1. NAME AND ADDRESS OF APPLICANT:

J. H. Beauchamp
Box 142
Chloride, Arizona

2. LOCATION OF PROJECT:

In unsurveyed portion of T. 23 N., R. 18 W., Wallapai mining district, Mohave County, Arizona, about 25 miles from Kingman, Arizona.

3. AMOUNT OF LOAN AND DATE OF AUTHORIZATION:

A loan of $10,000 was approved on June 23, 1944. Of this loan $5,000 was used to repay a preliminary development loan approved November 17, 1943.

4. PURPOSES FOR WHICH LOAN WAS EXPENDED:

A preliminary loan of $5,000 made the mine accessible for examination, and revealed ore as expected. A further loan of $5,000 was made to carry on further development and mining.

Borrower did 450 feet of drifting on the 100 and 150 foot levels, 25 feet of cross cutting, and 50 feet of raising. Also the Borrower mined 1328.8 tons of complex ore that had a net mill value of $3895.91, and a premium return of $14,526.84. The gross metal content was 225.541 ounces gold, 8901 ounces silver, 5,611 pounds of copper, 128,920 pounds of lead and 131,337 pounds of zinc.

5. EQUIPMENT:

A. No equipment was acquired in whole or in part with loan or operation funds.

6. PROPERTY:

The property is held by lease dated January 23, 1943, running for a period of 5 years. Lease is still in effect.

7. COMMENTS:

Borrower terminated operations on the project October 15, 1946, following Mr. Frisbie's last examination on September 19, 1945. Borrower had exhausted the possibilities of finding ore on the 100 and 150 foot levels. No payments were made toward repayment of the loan. However, $490.41 was paid on interest.

On September 28, 1945, there was a gas tax refund of $58.75 deposited in the account. On November 1, 1945, there was a motor gas tax refund of $9.80, and on November 30, 1945, Borrower deposited $95.22 which probably represented insurance refund. These refunds plus unexpended

sums remaining in the account added up to $197.07. On October 2, 1946, the Valley National Bank retained $37.50 as full payment of their fee for handling the captioned account, and forwarded $159.57 to the Federal Reserve Bank of San Francisco to be applied against the indebtedness of the Borrower.

8. CONCLUSION:

The proposed project failed to develop any material quantity of ore beyond that extracted, and the property is believed to have little value at present. Consequently, the loan should be considered a loss.

9. RECOMMENDATIONS:

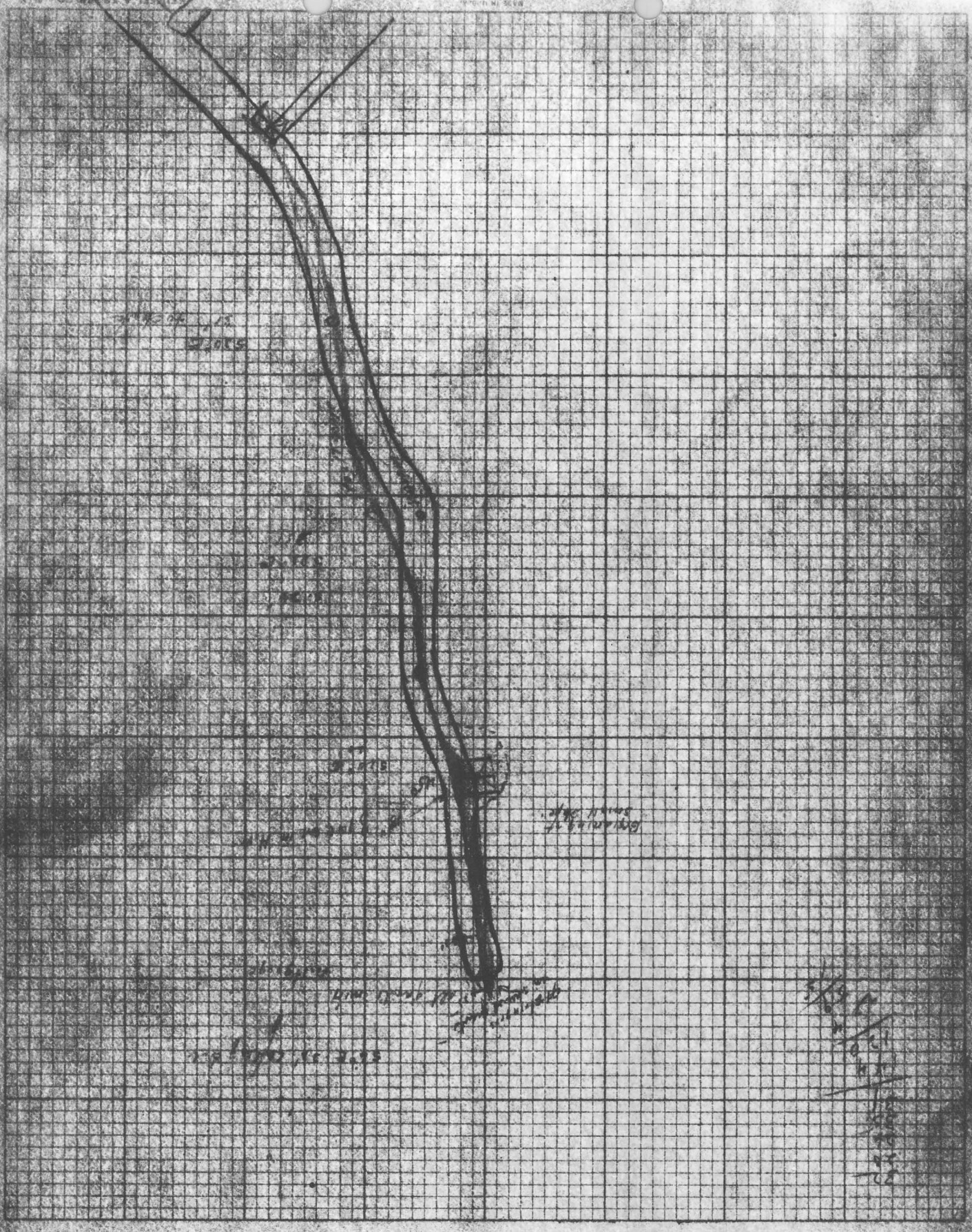
It is recommended that this account be closed.

CAR

CHARLES A. RASOR
Supervising Engineer

CAR:gmk

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013



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D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
REPORT OF SUPERVISING ENGINEER

Docket No.: ND-8574
Date of Examination: May 23, 1944
Date of Report - - : June 8, 1944

Name and Address of Applicant:

Name: J. H. Beauchamp
Address: P. O. Box No. 142
Chloride, Arizona

Correspondent: Same

The applicant applied for and was declined a loan in the amount of $10,000.00 in August, 1943. In my report on the mine, dated July 13, 1943, in connection with this application, I commented favorably upon the possibilities of the property, but pointed out that in the absence of factual evidence regarding ore in the accessible portions of the mine the proposed development would be of an exploratory nature. Subsequently the applicant requested an "accessibility" loan in the amount of $5,000.00 basing his request upon authoritative statements and assays, not submitted in the original application, regarding the occurance of a shoot of ore in the floor of a level (inaccessible) below a stoped area in the mine. Following a reveiw of the matter in the light of the new evidence favorable recommendations were made by Mr. Gohring and myself (seeletters dated February 1, 1944) and a loan was granted to the project in November, 1943.

Upon exhaustion of the loan funds in May of this year, the applicant applied for an additional loan in the amount of $5,000.00 and the property was examined on May 23, 1944 with regard to this application.

Work accomplished under the loan consisted of sinking the shaft to open a level at 150 feet, crosscutting to the vein and drifting on the vein. The footages advanced in this work were as follows:

Shaft sinking - - - - -	50 feet
Crosscutting - - - - -	65 feet
Drifting - - - - - - - -	97 feet

During the progress of drifting on the vein approximately 20 tons of good ore was recovered and stock piled near the shaft collar.

The applicant is now carrying the work forward with a skeleton crew at his own expense. He advised us that he has recently advanced the north drift another several rounds in good ore and that the ore stock piled now amounts to approximately 40 tons.

Following is a description of the new work and my recent sampling (see sketch).

The vertical shaft was sunk from the 100 ft. level sump (109') to a depth of 159 feet and a level opened on the vein from a shaft crosscut at 150 ft.

The vein dips at approximately 45° E and its foot wall was uncountered at 51 feet from the shaft. The vein here is about 14 feet wide with a poorly defined hanging wall. The material in the vein as exposed in the crosscut is less regularly stratified than on the level above. A lens of ore which occurs in about the center of the vein dips at a lower than average angle (22°) within the vein.

The ore showing is small and pinches out in the back of the crosscut which is caved out here to a height of 10 feet above the floor. Sample No. 1 was cut across the ore lens in the north wall of the crosscut. Applicant's sample No. 1 - S was cut across the lens on the south wall of the crosscut. The lens is poor in this wall and appears to be pinching out.

Because of the caved condition of the vein where encountered in the crosscut a north drift was started in the foot wall of the vein. The drift encounters the vein at 20 at which point it is displaced about 7 feet toward the foot wall by a NE fault plane which stands about vertical. The vein from this point to the face, however, contains little lead or zinc until a point about 15 feet back carries a continuous quartz band which from the face of the drift. A good shoot of lead-zinc sulphide ore containing a little chalcopyrite begins at this point and continues with consistent width and metal content to the face. A fault in the face of the drift displaces the vein some 4 feet toward the foot wall. The effect of the fault here is such that two segments of the oreband are exposed in the face. Samples No. 2 and No. 3 represent cuts across each segment in the face.

The average of samples 2 & 3 (combined), and Nos. 4, 5 and 6 represents a shoot of ore 15 feet in length. The average assay is as follows:

Width	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn
24.1	.33	5.25	.50	7.06	6.93

Sample No. 12 represents 20 tons of ore, separately piled, whichwas derived from the above ore shoot. It assayed:

Oz. Au	Oz. Ag	% Cu	% Pb	% Zn
.24	2.7	.78	6.00	6.84

Sample No. 11 represented the dump material derived from drifting in the vein after sorting out the material of dump sample No. 12.

The vein material is soft and development openings in the vein must be closely timbered, and in stoping operations waste falling will have to be maintained close to the working face.

Because of the hardness of the ore as contrasted to the waste material selection and sorting of ore is not difficult and its grade will not suffer excessively from dilution. For purposes of estimation it is assumed that the ore shipped will assay about as shown in dump sample No. 12. The applicant proposes to ship to the U. S. Smelting Refining and Mining Co. at Salt Lake City. The net value to the mine of ore of the grade of sample No. 12 would work out about as follows (the property receives "A" and "B" premiums, zero quota for lead and zinc, and "A" premium, zero quota for copper).

Au	.24 oz. x .75 x $34.9125	$ 6.28
Ag	2.7 x .75 x .71.1	1.47
Pb)		4.54
Cu)	6.78 x 20 x .75 x .0446	2.71
Zn	6.84 x 20 x .60 x .40 x 8.25	
		$15.00

Premiums

Cu	.78 x 20 x .87 x $ .05	$ .68
Pb	6.00 x 20 x .86 x .055	5.68
Zn	6.84 x 20 x .77 x .055	5.79
		$12.15
	Total payment for metals	$27.15

D. K. MARTIN & ASSOC
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

Carried over		$27.15
Less: Trucking	$1.50	
Freight	4.95	
Treatment	3.25	9.70
Net value to mine		$17.45

Mining cost is estimated at $7.00 per ton, and the indicated profit therefore on the above ore is $10.45.

As noted previously in this report the applicant has extended the north drift several rounds since the date of the examination and reports that he has accumulated another 20 tons of ore similar to that which was on hand (sample No. 12) at that time.

Proposed Work and Estimated Cost:

The applicant proposes to drift 300 feet on the vein on the 150 foot level. He proposes also to build an ore bin. Estimated cost of such work is as follows:

Drift 300 feet at $15.00 per foot	$4,500.00
Build ore bin	500.00
TOTAL	$5,000.00

Comments of Supervising Engineer:

Judging from the assays on the 100 ft. level directly above the present working face and the shipments made from that place (see applicant's data submitted with his previous application) together with the fact that ore was stoped in the tunnel level for a distance of some 150 feet beyond the north face of the 150 ft. level the prospect for developing a substantial tonnage of ore on this lower level appears good. It is expected that ore derived from the proposed development will provide working capital in sufficient amount to render the project. self sustaining.

The applicant is reliable and is conducting his work in an efficient manner.

In view of the above, I would recommend that the request for an additional loan be granted.

TRAVIS P. LANE
Supervising Engineer

D. K. MARTIN & ASSOC
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

40 % Oil

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

No	width	Cu %	width x % Cu	
1	2'	1.80	3.60	.02
9	2'	4.00	8.00	.02
2	4'	2.70	10.80	.03
10	3'	3.85	11.55	tr
3	4'	2.20	8.80	.03
11	2	1.60	3.20	tr
4	3'	3.25	9.75	.03
12	2'	1.80	3.60	tr 242/97
5	2'	4.70	9.40	.02 1.45
13	4'	1.00	4.00	tr
6	5	1.45	7.25	.02
11	33		79.95	
	3		33	= 2.42 % Cu

Cu 9 6 8 / 4

# 18	16"	7.40	Cu .45	
19	16"	7.70	.45 .04	
20	16"	5.12	.04 .02	16/4 106/9
21	16"	2.20	.02 .54	
22	20"	1.85	.04 04	
23	16	5.00	.04 04	
24	16	5.30	.04 03	
25	16	5.00	.03 02	
26	16	2.16	.02 .02	1120
27	16"	1.20	.02 .06	
28	16	2.90	.06 04	
29	16	7.25	.04 .16	
32	16	13.30	.02	
33	16"	0.00	.00 tr	
34	16"	1.65	.02	
35	16	12.60	.02	
36	16	.95	.00 tr	
37	16	11.80	.02	

D. K. MARTIN & ASSOC
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

In re: Docket No. N.D.-5633
J. H. Beauchamp

W. B. GOHRING, Sup. Eng. Mining Division, RFC, Phoenix
November 1, 1943

At your request, I am reviewing and commenting upon the above captioned project:

I examined this property on June 30, 1943 (Report dated July 13th) following receipt of application for a loan in the amount of $10,000. The accessible portions of the mine did not contain appreciable amounts of lead and zinc and while I was favorably impressed with the possibilities of the mine I did not feel that the data presented were sufficiently authoritative to justify a loan for prospect development. The present application for loan in the amount of $5,000 is accompanied by new evidence, consisting of (1) a statement by recent operator and (2) a list of assays on the 100 ft. level which was sampled by the Producer Mines Inc. I would comment upon this additional evidence as follows:

(1) Mr. Floyd Brown is a well known mine operator and I believe that his statements are reliable. Records of his shipments to the Tennessee Mill were included with his original application.

(2) The Producer Mines Inc. operated a mine and mill for many years some 10 miles west from the subject property. The mill, which accepted custom ores from a great many operators in the region, was a cyanide plant and did not attempt to recover metals other than gold and silver. Operations were discontinued following the ban on gold mining. The company was noted for its capable management and fair dealing with the various shippers. It maintained a crew of engineers and samplers in the field and undertook the development of a number of properties in the vicinity of their principal mine. Among these was the property which is the subject of this report and from which they produced a substantial amount of gold-silver in 1939. The samples by the Producer's engineers were taken at 5 foot intervals in the back and floor of the level and I see no reason to question their authenticity.

A visual average of the floor samples is about as follows: .2 oz au - 10.0 ag - 6.0% pb - 7.0% zn. The average width, excepting samples Nos. 30 to 33, is about 36".

Ore of the above grade would be shipped to the U. S. Smelting, Refining and Mining Co. at Salt Lake and would have a net value to the mine, after freight and treatment charges and crediting "A" premiums on lead and zinc, of approximately $11.00 per ton. Mining and development cost should not exceed $5.00 per ton and a substantial profit therefore is indicated.

PROPOSED DEVELOPMENT

The level is caved and filled with stope gob and cleaning out here would be quite costly and would accomplish no useful purpose. The applicant's proposal to open a new level appears to be logically indicated and I am in agreement with his estimates of the cost of this work.

CONCLUSIONS:

A shoot of profitable ore some 140 feet in length is reliably reported to exist in the floor of the 100 ft. level, and it would be entirely reasonable to expect that this ore will continue in depth. The strength of the vein, its productivity in the upper workings and the reports regarding the presence of lead-zinc ore in the old incline shaft (inaccessible) are favorable factors which point to the probability that an important producing mine will be developed here.

The applicant is a man of good character and has a long record as a competent mine operator. His faith in this property is evidenced by his having assumed the primary risk in equipping the property and spending some $3500 of his money in its development. He is at present keeping the workings clear of water.

No purchase of equipment is contemplated from loan funds. All machinery necessary for the proposed development program is now installed at the mine, and the applicant owns considerable additional equipment, on another property, which he will transfer to this job in case of future need.

In view of the above, I would recommend that favorable action be taken on this application.

T. P. LANE
Supervising Engineer

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

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315 W. MONTEROSA
PHOENIX, ARIZONA 85013

Jano Mine

RECONSTRUCTION FINANCE CORPORATION

MINING SECTION

REPORT OF SUPERVISING ENGINEER

Docket No. ND-5633 - - -J. H. Beauchamp
Date of Examination
Authorization received June 24, 1943
Date of Examination - - - June 30, 1943
Date of Report - - - - - July 13, 1943

1. NAME AND ADDRESS OF APPLICANT

J. H. Beauchamp
P.O.Box 295
Kingman, Arizona

Correspondent:

Same

2. CHARACTER OF PROJECT

Development of gold-silver-lead-zinc

3. LOCATION OF MINE

The mine is located in T. 23 N. R 18 W., in the Wallapai Mining District, Mohave County, Arizona. The settlement of Chloride is 1-1/2 miles South-East by road from the mine. Kingman, Arizona, the nearest rail point and supply center is 25 miles from the mine. Approximately 1 mile of this road, nearest the mine, is fairly level good dirt road and the balance is paved highway. The roads are passable at all seasons.

4. APPLICANT

The applicant is a middle-aged man who has followed mining during most of his adult life. He has operated a gold property in the southern end of the Cerbat Mountains intermittantly during the past 30 years, making a sizeable gold production though apparently without over-all profit. He has moved much of the equipment from this property onto the subject property and has spent to date approximately $3,000.00 in its development. He owns a small business property in Kingman. He is an intelligent, practical miner and is entirely competent to handle a development project in an efficient manner.

5. LOAN REQUESTED

The applicant originally requested a loan of $20,000.00, but following discussion with this Engineer and agreement that a smaller sum would suffice to prove or disprove the property, he has changed his program and now requests $10,000.00. His letter, dated July 2, 1943, which is attached to the application, submits a program within this amount.

6. DESCRIPTION OF PROJECT

A. General Features

(1) There are no mine workings, mill or other necessary appurtenances which are not confined within the applicant's ownership.

(2) The project would comply with State Compensation and Safety-First Statutes.

(3) There are no apparent legal discrepancies in the proposed project.

(4) There are no impeded right-of-way facilities.

(5) There is no likelihood of surface or sub-surface trespass during the project.

B. Existing Development

(1) The mine is opened by tunnel and shaft.

a. The applicant presents a rough map of the workings. The sketch which accompanies this report was made from a tape and compass survey of the part of the accessible workings in which ore is claimed and in which the proposed work is to be done.

b. Samples were cut with pick and moil and gathered upon canvas.

c. The main tunnel and vertical shaft and the recent work performed by the applicant on the 100' Level from the vertical shaft were accessible. The stopes, however, were inaccessible and no part of the old incline shaft or its workings was accessible.

d. General Features of Deposit, etc.

The property comprising one patented and one unpatented claim lies in a comparatively flat area at the western base of the Cerbat Range. The applicant operates under lease and option to purchase from the owner of the claims. The original of the lease agreement accompanies the application.

The Main or Juno Vein occurs as a quartz and gouge filled fissure in granite. It varies from a few feet to 8 or 10' in width, strikes Northwest-Southeast, and dips approximately 50% Northwest, and is traceable by prominent croppings throughout the length of the two claims.

Development of the property began prior to 1900 and it was quite extensively worked until about 1904. The vein near the surface was

reported to have been quite rich in gold with some silver, though no record is available regarding this early production. An old incline shaft was sunk to a depth of 600 and levels driven at 100,200 and 300'. This shaft is completely caved and no authentic data is available regarding its workings. During later years the property made a small intermittant production of gold and silver from shallow surface workings, and from above the tunnel level and for a short distance below this level. More recently (1939) the Producers' Mines Inc., which operated a nearby gold property and cyanide plant undertook the development of the subject property. A vertical shaft was sunk and the vein northwest of the shaft was opened by a drift at 100'. The company operated the mine for a short time and mined a considerable amount of gold - silver ore (no records available), principally in the floor of the tunnel and down to water level at about 65'. During the early part of 1940, a lessee produced about 890 tons from above the 100' level in the vertical shaft. The settlement sheets for this production (accompanying the application) indicate fair gold and silver values and appreciable amounts of lead and zinc. This part of the mine was later gobbed and is now inaccessible.

Since taking over the property in January, 1943, the applicant has re-equipped the mine and unwatered the shaft and has drifted some 45' southeasterly on the vein on the 100' level. The northwest drift is filled and lagged off. The vein in the drift is some 6 to 8' wide, the vein filling being about equal parts of quartz and mud gouge and containing an irregular but continuous sulphide band averaging about 30" in width. The sulphide is principally pyrite and arsenopyrite with some sphalerite and a little galena.

Sampling of the workings (see sketch) indicates consistent appreciable gold and silver values with only small amounts of lead and zinc except at samples No. 1 A and No. 5. These two samples were cut on opposite sides of the drift at the same distance from the shaft.

7. PROPOSED DEVELOPMENT

The applicant proposes to sink the vertical shaft an additional 100' and to crosscut to the vein and drift southeast on it to connect with the old workings in the incline shaft at about the 220' level.

8. COMMENTS OF SUPERVISING ENGINEER

The property is essentially a gold mine and has produced substantially in the past from the oxidized portion of the vein in the workings near the surface. The proposed work anticipates developing lead and zinc ore in the sulphide

zone below water level (at about 65'). Liquidation sheets for ore shipped from the 100' level northwest in the vertical shaft show appreciable amounts of lead-zinc and old reports indicate that the deeper incline shaft workings developed these metals in the vein. The above workings however are inaccessible and the work recently performed by the applicant has not disclosed a mineable body of ore. The strength and size of the vein together with the settlements noted above and the reports regarding the incline shaft working affords some basis for believing that the vein will carry appreciable amounts of lead-zinc in depth, but that these metals will be found to occur in amounts sufficiently large to justify the proposed development is not now indicated by visible evidence in the mine. The proposed development would be of an exploratory nature and a loan therefore is not recommended.

T. P. LANE
Supervising Engineer

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

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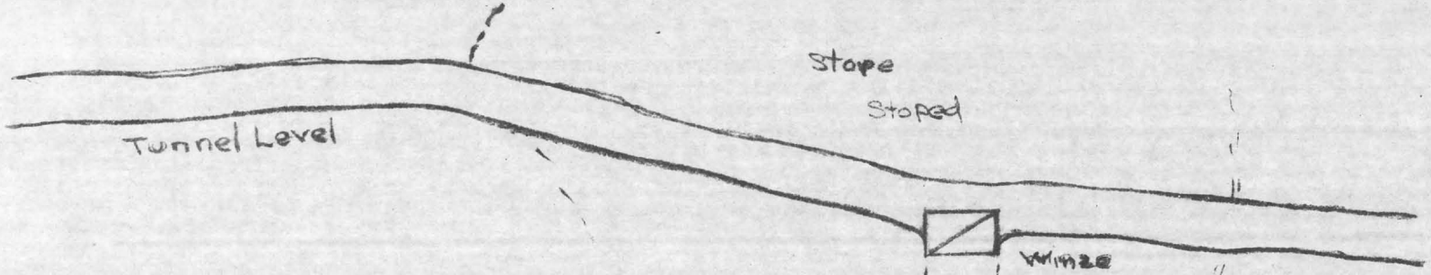
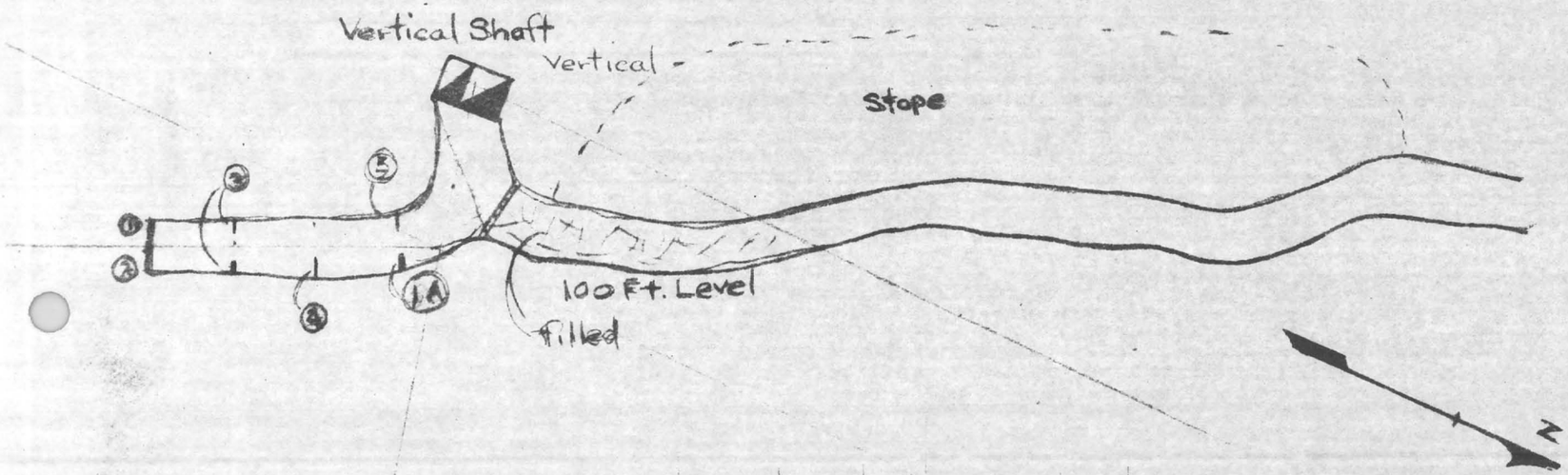
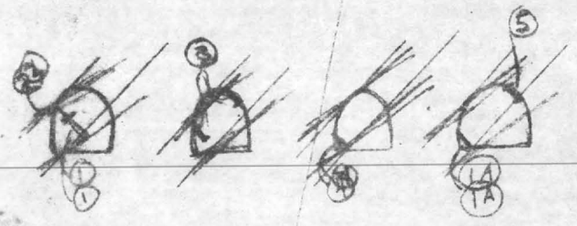
PHOENIX, ARIZONA 85013







Sample	Width	Oz Au	Oz Ag	% Pb	% Zn
No 1	78"	.08	2.0	.40	2.20
2	34"	.28	3.7	.50	1.40
3	32"	.12	4.1	1.10	1.10
4	35"	.12	1.9	.30	1.00
5	30"	.13	17.00	.50	8.50
1A	36"	.12	16.70	1.81	12.41

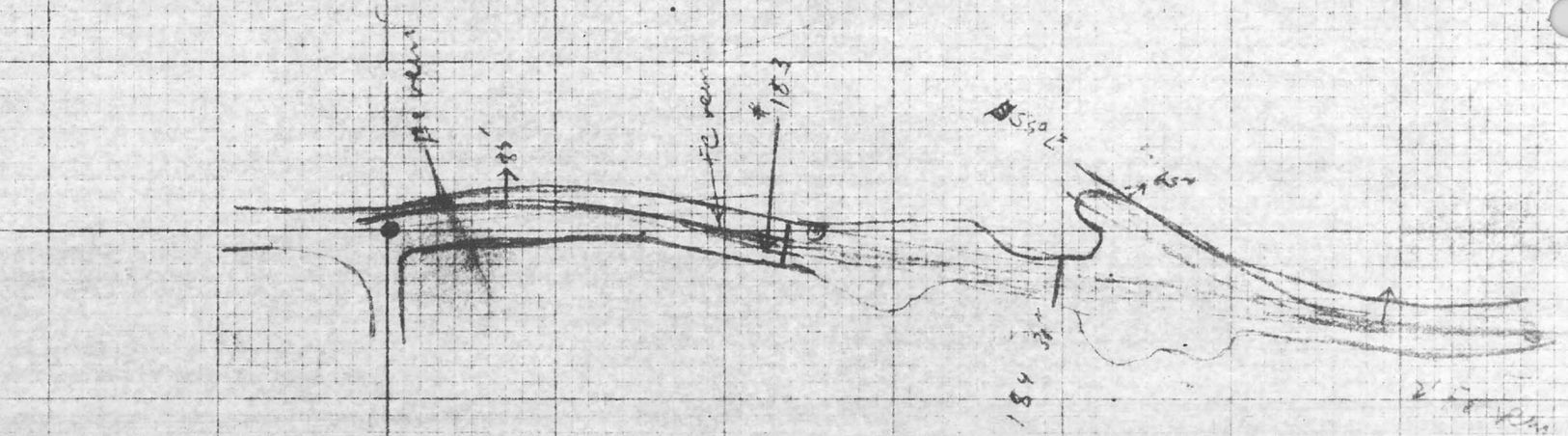
DOCKET NO. ND-5633
J. H. BEAUCAMP
June 30, 1943
Scale: 1" = 20
Samples ①

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

Jan 22, 1944

Bonus 5 cents
applicable in same set for
bulk premium.
Never iron = Cuni with
small amount of copper.

Erosion, per attend



D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013

Sun O

Date	International	Tooele Plant	Au	Ag	Cu	Pb	Zn	Ins	Fe	S	C
6-27-44	1	8016	.26	4.24	.2	5.0	4.8	33.6	23.2	26.9	[illegible]
7-20-44	2	8034	.19	4.91	.25	6.6	3.6	34.0	23.6	27.2	[illegible]
8-5-44	3	8052	.205	5.05	.2	6.1	4.4	30.0	24.0	27.8	[illegible]
9-22-44	4	9290	.19	3.9	.18	4.25	4.5	41.65	20.7	23.7	[illegible]
10-11-44	5		.195	3.9	.20	4.3	4.3	40.9	20.8	22.6	[illegible]
11-1-44	6		.19	4.55	.18	5.35	4.25	33.3	22.5	26.3	[illegible]
11-7-44	7		.17	6.55	.23	7.25	4.55	37.3	20.5	22.2	[illegible]
11-15-44	8		.21	4.55	.27	5.90	4.0	30.8	24.9	28.0	[illegible]
12-4-44	9		.20	6.15	.25	7.85	3.8	30.7	23.9	26.2	[illegible]
12-2-44	10		.19	5.7	.30	6.90	4.05	34.2	23.5	23.7	[illegible]
12-11-44	11		.245	5.25	.29	6.35	4.95	34.8	22.3	24.2	[illegible]
12-19-44	12		.2075	5.75	.20	6.40	4.5	37.8	21.4	23.0	[illegible]
12-29-44	13		.19	5.2	.23	5.00	5.6	41.8	18.9	21.0	[illegible]
1-5-45	14		.165	4.45	.19	3.95	5.1	46.0	17.5	19.0	
1-7-45	15		.2125	5.15	.22	5.25	5.37	41.3	19.5	20.3	
1-27-45	16		.1625	4.4	.17	3.65	5.7	53.7	13.7	15.0	
2-11-45	17		.230	5.9	.20	5.9	5.05	36.2	21.9	24.5	
2-16-45	18		.19	5.55	.24	4.45	5.85	49.5	15.2	16.4	
2-19-44	19		.18	6.4	.20	4.1	5.80	50.0	15.0	16.0	
3-6-44	20		.2075	5.85	.23	4.9	4.95	42.4	19.1	20.5	
3-23-44	21	Stone	.20	7.95	.18	4.5	5.9	49.7	15.7	17.5	
3-29-44	22	new vein	.1625	9.25	.14	2.1	7.1	66.9	7.6	8.4	
5-4-44	23		.185	11.8	.20	2.85	6.15	65.3	8.2	9.0	
5-9-44	24		.125	10.05	.18	1.9	4.65	73.2	6.8	6.5	
6-8-44	25		.1775	9.3	.14	2.25	3.75	61.5	11.6	12.1	
7-1-45	26		.19	17.05	.15	4.7	6.35	56.0	11.3	13.5	
7-22-45	27		.155	12.5	.14	3.85	5.95	61.8	9.6	11.0	
Roy Williams U.S.S.R.		New London Mine									
11-13-44	1.		.03	9.0	.35	15.4	6.1	32.1	12.2	10.2	
12-20-44	2		.03	6.8	.30	13.0	8.7	44.3	9.9	8.1	
Total 1944											
1-7-45	3		.01	5.0	.35	9.6	8.8	42.9	11.1	8.6	
2-9-45	4		.035	6.3	.15	7.4	12.5	39.6	10.7	10.4	
			.025	6.86	.25	12.00	8.95				

values -
Pb [illegible] at .043375
Zn [illegible] " .038075
ag 70 " .70625
au 60 " 35.00

J. H. B.

Total Metal

	cao.	Tons	au	ag	au	Pb	Zn.	Gross.	Royalty	Shipp
9	1.0	41.790	10.845	177.2	167	4179	4012	12.18	10.51	
2	1.0	47.520	9.029	233.3	238	5702	3421	10.78	5.30	
8	1.0	43.097	8.835	217.6	172	5258	3793	11.837	9.24	
7	.4	45.787	8.700	178.6	165	3892	4121	12.04	6.36	
6	.7	44.332	8.645	172.9	177	3813	3813	12.12	6.50	
3	.6	53.167	10.102	241.9	191	5689	4519	13.12	12.56	
2	-	44.977	7.646	294.6	207	6522	4093	15.48	18.73	
	.7	55.038	11.558	272.4	297	6494	4403	14.22	18.50	
.2	-	54.852	10.970	337.3	274	8612	4169	16.02	23.04	
7	.7	50.774	9.647	289.4	305	7007	4113	14.97	19.71	
.2	.5	51.050	12.507	268.0	296	6483	5054	15.97	25.89	
0	-	49.842	10.342	286.6	149	6380	4486	15.20	20.64	
0	.4	48.038	9.127	249.8	221	4804	5380	13.93	14.36	
		630.264	127.973	3219.6	2909	75885	55377			
		49.232	8.123	219.1	187	2195	5022	11.87	4.45	
3		52.782	11.216	271.8	232	5648	5669	14.57	15.88	
0		49.062	7.973	215.9	167	3582	5593	11.81	4.73	
54	Tailings not paid	53.067	12.205	313.0	318	6262	5360	15.82	25.14	
	.7	51.078	9.705	283.5	245	4546	5776	13.92	14.62	
0	-	51.763	9.317	331.3	207	4245	6005	14.00	14.73	
	.6	53.649	11.132	312.8	247	5258	5311	14.48	18.03	
	-	53.061	10.612	421.8	191	4776	4838	15.86	22.55	
	-	47.939	7.790	443.4	134	2013	6807	14.73	14.04	
	.6	50.868	9.411	600.2	203	2899	6227	17.24	24.95	
-	1.0	49.235	6.242	504.8	180	1878	4644	13.33	6.66	
1	.5	49.756	8.477	444.1	134	2149	3584	13.91	9.79	
5	1.6	47.752	9.073	814.2	143	4489	6065	22.33	42.39	
0	.6	40.600	6.293	507.5	144	3126	4831	17.62	20.61	
		698.544	127.569	5681.4	2702	53085	75940			
		630 / 1323								
	6	49.599	1.488	446.4	347	15276	6051	17.80	30.40	
	-	50.355	1.511	342.4	302	13092	8762	15.97	23.55	
		99.954	2.999	788.8	649	28368	14813			
3	.4	42.117	-	210.6	295	8086	7413	12.28	6.26	
4	-	45.378	1.588	285.9	-	8531	11345	16.40	23.53	
		187.449	4.587	1285.3	944	44985	33571		83.74	

D. K. MARTIN & ASSOC.
315 W. MONROE
PHOENIX, ARIZONA 85013

Beauchamp

Base Treatment 2.00
Hauling 1.50
Freight 4.95
F. Tax .1935

Shipper	Bonus
94.62	452.53
47.65	487.04 Aug
83.15	489.71 aug
57.28	401.27 Sept
58.51	380.31 oct
113.02	500.60 oct Lot 6
168.59	511.60 nov Lot 7
164.53	144.59
207.84	589.78
177.42	545.36
283.02	97.87
185.80	1,709.56
129.19	512.11
1727.10	177.47
	6849.80
40.07	1017.22
169.92	472.31
42.59	246.89
226.30	585.46
131.62	165.45
127.16	1059.31
162.27	46.78
202.79	527.44
126.31	744.07
224.50	974.83
59.98	173.81
88.08	481.15
381.52	246.30
185.48	296.26
2168.79	630.55
	409.27
	45.47

Oct. ← what are the Bonuses – A.B.C. etc

273.62	375.93
211.90	581.83
	849.13
56.39	727.24
216.78	94.35
753.59	2628.48
	942.24
	80.80

D. K. MARTIN & ASSOC.
315 W. MONTE VISTA
PHOENIX, ARIZONA 85013

Value.
Pb 2020 at .043375
Zn 6072 " .038075
Ag 704 " .70625
Au 60 " 35.00

J. H. Beauchamp

Base Treatment 3.00
Hauling 1.50
Freight 4.95
F. Tax .1935

Juno

Juno Mine

D. K. MARTIN & ASSOC.
315 W. MONTEZUMA
PHOENIX, ARIZONA 85013

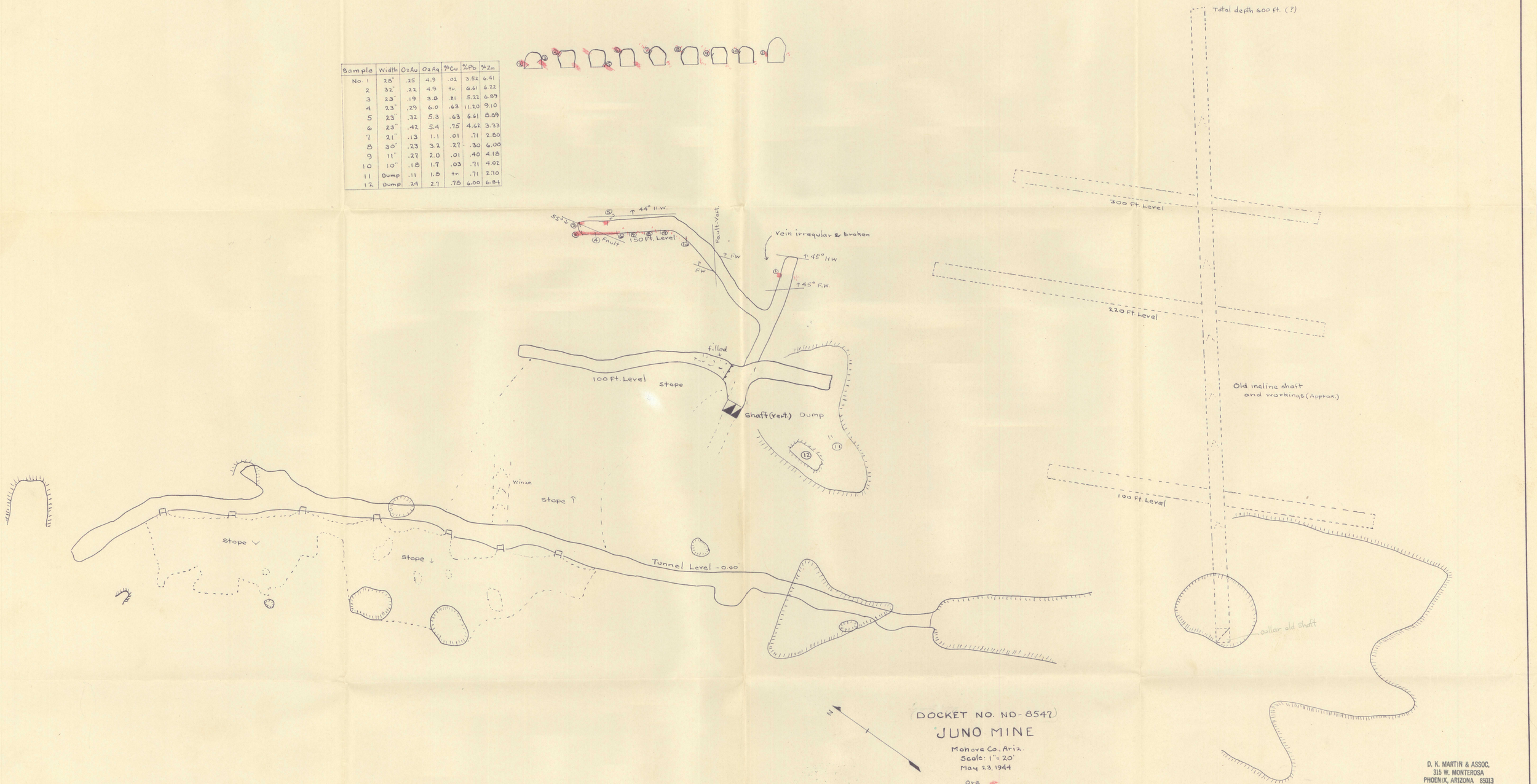
Date	International Tooele Plant		Au	Ag	Cu	Pb	Zn	Ins	Fe	S	CaO	Tons	Total Metal Au	Ag	Cu	Pb	Zn	Gross	Royalty	Shipper	Bonus
6-27-44	1	8016	.26	4.24	.2	5.0	4.8	33.6	23.2	26.9	1.0	41.790	10.848	177.2	147	4179	4012	12.18	10.51	94.62	450.53
7-20-44	2	8034	.19	4.71	.25	6.0	3.6	38.0	22.6	27.2	1.0	47.520	9.029	233.3	238	5702	3421	10.78	5.30	47.65	487.04 Aug
8-5-44	3	8052	.2035	5.05	.2	6.1	4.4	30.0	24.0	27.8	1.0	43.097	8.835	217.6	172	5258	2773	11.37	9.24	83.15	487.71 Sep
9-22-44	4	8290	.19	3.9	.18	4.25	4.5	41.65	20.7	23.7	.4	45.787	8.700	178.6	165	3892	4121	12.04	6.36	57.28	401.29 Oct
10-11-44	5		.135	3.9	.20	4.8	4.3	44.9	20.8	22.6	.7	44.332	8.645	172.9	177	3813	3813	12.12	6.50	58.57	380.31 Oct
11-1-44	6		.19	4.55	.18	5.35	4.25	33.3	22.5	26.3	.6	53.147	10.102	241.9	191	5687	4519	13.12	12.56	113.02	500.60 Nov Left
11-17-44	7		.17	4.65	.23	7.25	4.65	37.3	20.5	22.2	-	49.777	7.646	244.6	207	6522	4073	15.48	18.73	168.57	511.60 Nov Left
11-25-44	8		.21	4.15	.27	5.80	4.0	30.8	24.9	28.0	.7	53.038	11.558	222.4	297	6494	4403	14.22	18.50	164.52	44.57
12-4-44	9		.20	6.15	.25	7.85	3.8	20.7	23.9	26.2	-	54.852	10.970	337.3	274	8612	4469	16.02	23.04	207.34	589.78
12-2-44	10		.19	5.7	.20	6.90	4.05	34.2	23.5	23.7	.7	50.774	9.647	287.4	203	7007	4113	14.97	19.71	177.44	545.36
12-11-44	11		.245	5.25	.28	6.35	4.85	34.8	22.3	24.2	.5	51.050	12.507	268.0	296	6483	5054	15.97	25.89	233.07	99.87
12-17-44	12		.2075	5.25	.20	6.40	4.5	37.8	21.4	23.0	-	49.842	10.34	262.6	129	6380	4486	15.20	20.64	185.80	1709.56
12-29-44	13		.19	5.2	.23	5.00	5.6	41.8	18.9	21.0	.4	48.038	9.127	249.8	221	4804	5390	13.73	14.36	129.19	512.11
												630.264	127.973	3219.6	2508	75335	55377			1724.40	177.47
																					6847.80
1-5-45	14		.165	4.45	.19	3.95	5.1	46.0	17.5	19.0		41.232	9.123	219.1	187	2195	5022	11.87	4.85	40.07	1017.22
1-7-45	15		.2125	5.15	.22	5.25	5.37	41.3	19.5	20.3		52.782	11.216	271.8	232	5648	5469	14.57	15.88	168.92	472.31
1-27-45	16		.1625	4.4	.17	3.65	5.7	53.7	13.7	15.0	Same as pile	47.062	7.973	215.7	167	3581	5573	11.81	4.73	41.57	246.89
2-4-45	17		.230	5.9	.20	5.9	5.05	36.2	21.9	24.54		53.067	12.205	313.0	318	6262	5360	15.82	25.14	226.30	585.46
2-16-45	18		.19	5.55	.24	4.45	5.85	47.5	15.2	16.4	.7	51.078	9.705	283.5	245	4546	5726	13.72	14.62	131.62	1654.5
2-19-45	19		.18	6.4	.20	4.1	5.80	50.0	15.0	16.0	-	51.763	9.317	331.3	207	4245	6005	14.00	14.73	127.26	1059.31
3-6-45	20		.2075	5.85	.23	4.9	4.95	42.4	19.1	20.5	.6	53.649	11.132	313.8	247	5258	5311	14.98	18.33	164.27	46.78
3-23	21	Stope new	.20	7.95	.18	4.5	5.9	47.7	15.7	17.5	-	53.061	10.612	421.8	191	4775	4838	15.56	22.55	202.19	527.44
3-29	22		.1625	9.25	.14	2.1	7.1	66.9	7.6	8.4	-	47.737	7.790	442.4	134	2013	6807	14.73	14.04	126.31	744.01
5-4	23		.185	11.8	.20	2.55	6.45	65.3	8.2	9.0	.6	50.868	9.411	600.2	203	2817	6227	17.24	24.95	224.50	974.83
5-9-44	24		.125	10.05	.18	1.7	4.65	73.2	6.8	6.5	1.0	47.735	5.242	504.8	180	1878	4644	13.33	6.66	59.88	173.81
6-8-44	25		.1925	9.3	.14	3.25	3.75	61.5	11.6	12.1	.5	47.756	8.437	444.1	137	2149	3584	13.91	9.79	88.08	481.15
7-1	26		.179	10.05	.15	4.7	6.35	52.0	11.3	13.5	1.6	47.752	8.073	814.2	143	4487	6065	22.33	42.37	381.52	246.30
7-22	27		.155	12.5	.14	3.85	5.85	61.8	9.4	11.0	.6	40.600	6.293	507.5	147	3126	4831	17.52	20.61	185.48	296.26
												698.594	127.569	5681.4	2702	53085	75960			2168.79	630.55
																					409.27
																					2770.07
																					45.47
Roy Williams U.S.S.R.	New London Mine																				Total — without the Bonuses — A.B.C. 2m
11-13-44	1.		.03	8.0	.35	15.4	6.1	32.1	12.2	10.2	6	49.599	1.488	396.4	347	15276	6051	17.80	30.40	273.62	375.73
12-20-44	2		.03	6.8	.30	13.0	8.7	46.3	9.7	8.1	-	50.255	1.511	342.4	302	13092	8762	15.77	23.55	211.90	581.83
Total 1944												99.854	2.999	738.8	649	28368	14813				849.13
1-7-45	3		.01	5.0	.35	9.6	8.8	42.9	11.1	8.6	.4	42.117	-	210.6	295	8056	7413	12.28	16.26	56.79	727.24
2-9	4		.035	6.3	.15	7.4	12.5	37.6	10.7	10.4	-	45.378	1.588	265.9	—	8531	11345	16.00	22.53	211.78	94.35
			.025	6.66	.25	12.00	8.75					197.449	4.587	1215.3	944	44155	33571		93.74	733.57	2638.46
																					942.24
																					80.80

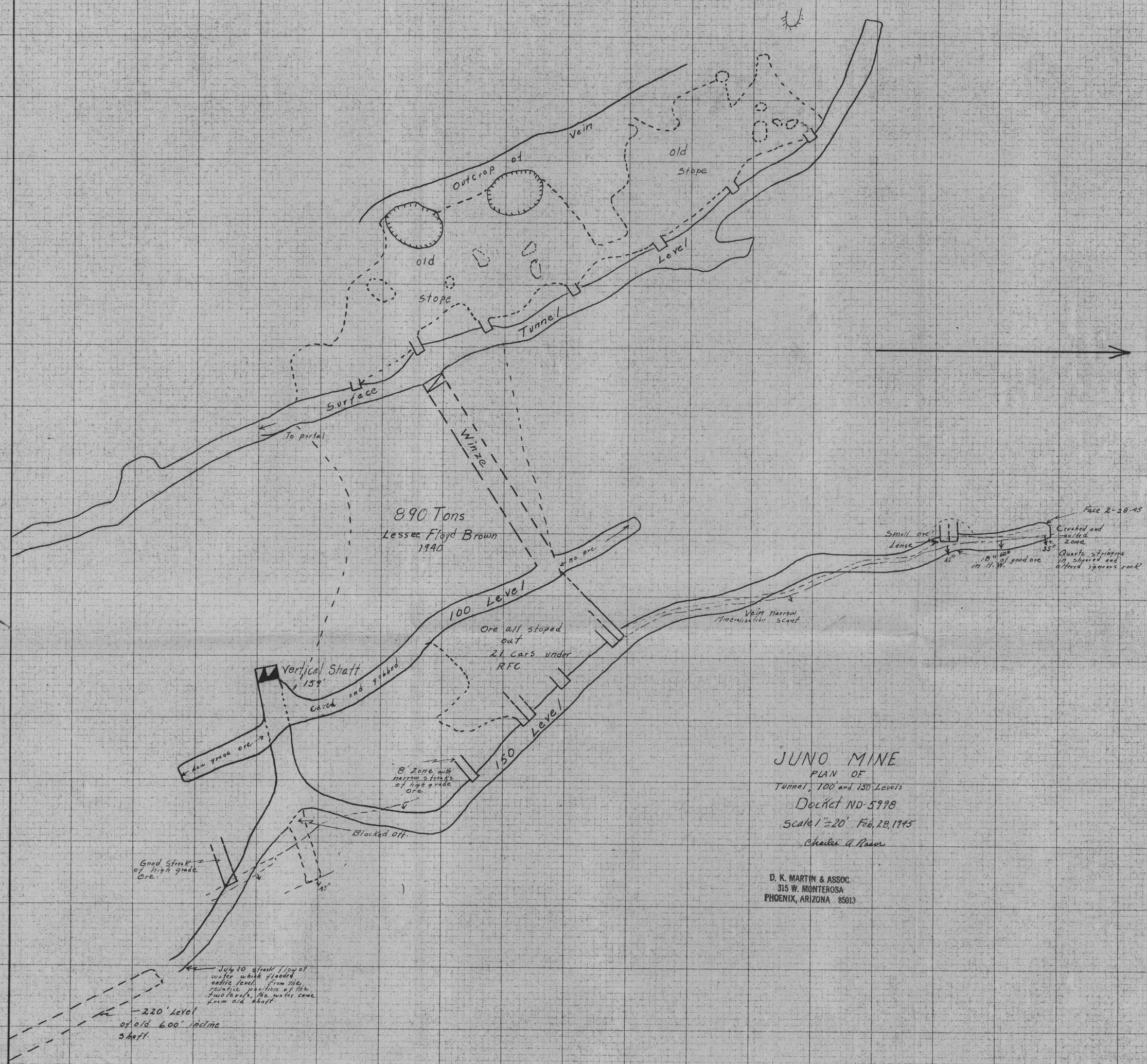
J. H. Beauchamp

Roy Williams

O. K. MARTIN & ASSOC.
315 N. 1ST AVENUE
PHOENIX, ARIZONA 85013

Sample	Width	Oz Au	Oz Ag	% Cu	% Pb	% Zn
No. 1	28"	.25	4.9	.02	3.52	6.41
2	32"	.22	4.9	tr.	6.61	6.22
3	23"	.19	3.8	.21	5.22	6.89
4	23"	.29	6.0	.63	11.20	9.10
5	23"	.32	5.3	.63	6.61	8.89
6	23"	.42	5.4	.75	4.62	3.33
7	21"	.13	1.1	.01	.71	2.80
8	30"	.23	3.2	.27	.30	6.00
9	11"	.27	2.0	.01	.40	4.18
10	10"	.18	1.7	.03	.71	4.02
11	Dump	.11	1.8	tr.	.71	2.70
12	Dump	.24	2.7	.78	6.00	6.84





JUNO MINE

PLAN OF

Tunnel, 100' and 150' Levels

Docket ND-5998

Scale 1" = 20' Feb. 28, 1945

Charles A Rasor

D. K. MARTIN & ASSOC.
315 W. MONTEROSA
PHOENIX, ARIZONA 85013