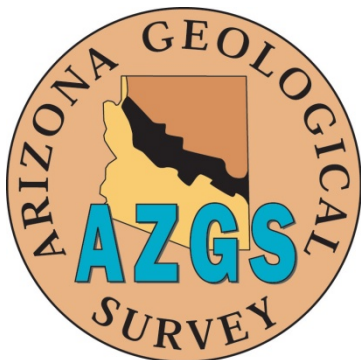




CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Reconstruction Finance Corporation Arizona Records

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

Docket No.

B-ND-4442

Date Authorization for

Exam. Rec'd.

Sept 26, 1942

Date of Exam. Incl.

Oct 28, 1942

Date of Report

Independence
Group

1. Name and Address of Applicant

Name: A. C. Haigler

Address 1211 N. 1st St
Phoenix, Arizona

Correspondent same

2. Character of Project.

Development of lead-zinc-silver
~~gold-silver~~ deposit.

3. Location of Mine

The mine is located in the White
Picacho Mining District, Yavapai County,
Arizona, in sec. 36, T. 8 N., R. 3 W.; and sec.
31, T. 8 N., R. 2 W. Hot Springs Junction, a
station on the Santa Fe R.R., is 14 1/2
miles ^{SW} by dirt road from the mine. The
road for the first 10 miles is graded
and hard surfaced and beyond this point
it follows a rocky sandy wash and finally
climbs a rough steep hill. The last mile
of road is barely
passable in its present condition.
Wickenburg, the nearest supply center,
is 17 miles ^{NW} by paved highway from
Hot Springs Junction, and Phoenix

mine is accessible all seasons.

(2)

by paved highway
is 42 miles SE₁ from Hot Springs Junction.

4. Applicant

The applicant is a middle-aged man at present employed in the clerical department of the Good Year Plant near Phoenix. He has held positions in government work and has a Civil Service Rating. He has directed mining operations at intermittent intervals at several properties during the past 25 years.

5. Loan Requested.

A development loan in the amount of \$20,000 is requested.

6. Description of the project

A. General Features

1. There are no mine workings etc. which are not confined within the applicant's ownership.
2. Applicant would comply with State compensation and safety-first statutes.
3. There are no apparent legal discrepancies in the project.
4. There are no impeded right-of-way facilities.
5. There is no likelihood of surface or sub-surface trespass.

B. Existing Development

1. Mine is opened by shaft and tunnels.
 - a. Only very rough sketches are furnished. ~~The latter~~ with the application. The sketches attached ~~for~~ to this report were made from compass and tape survey of the workings.
 - b. The mine has been thoroughly sampled as attested by channel cuts and numbers painted on the walls. The results of this sampling are not available. The applicant however presents among the data supporting the application a list of samples taken ^{throughout the mine} in July 1927. During the recent examination by this engineer check samples were cut ^{where possible} in the most favorable areas indicated in the above list, and at several other likely looking points in the mine. Samples were ^{cut} ~~broken down~~ ^{with} pick and maul and gathered on canvas.
 - c. The mine workings were in good condition and ~~open~~ readily accessible except for portions of the steps.

d. General Features of the deposit.

(next page.)

The country rock is a dark gray, blocky schist ^{which is} cut by numerous broad pegmatite dikes having varying strikes and steep dips. Mineralization of a lenticular character occurs ^{occasionally} on the bedding planes of the schist, and in a fairly well defined fissure vein which strikes $N40^{\circ}E$ ^{and dips $55-65^{\circ}SE$} and conforms in general with the bedding of the schist. Some mineralization is noted also in ^{frequent} portions which cut across

the main vein and dip steeply generally in a southerly direction 4

The property comprises 11 ^{unpatented} claims held by the

- ① Applicant on ^(dated August 6, 1942) Lease and Option to Purchase Agreement from the owner. Plat of claims together with recording dates is included with the application, also a copy of the Lease Agreement.

The original claim locations date back to 1898, and the first work on the property consisted of a small production and very limited shallow development on top of the hill. The property was mined in a desultory fashion for many years until 1924 when the applicant became connected with it.

Mr. P. In ^{Sept.} 1925 he purchased the property and later that same year sold it to the Nassayampa Placer Gold Mining Co., receiving payment partly in cash and partly in stock. He acted as manager for the company 1926-1928. In 1929 the property was sold at sheriff's sale to satisfy liens for labor and supplies. During this period the mine was actively developed and a mill was constructed. The mill was never operated however and at the time of cessation of operations ^{in Nov. 1928} was approximately 95% complete. The Applicant's wife purchased a $\frac{1}{3}$ interest in the property in 1937 and which she holds at the present time. The Applicant has performed no work on the property under his present lease agreement.

The mine is stated to have produced ore valued in excess of \$10,000. Early shipment records are not available and recent records are only partially complete. Settlement sheets presented with the application cover the operations of the last lease and are summarized as follows:

Date	Tons	oz Au	gr Ag	% Cu	% Pb	% Zn
June 6, 1940						
June 6, 1940	15.9	.03	28.66	.57	13.1	9.5
Feb. 20, 1942	5.0	.02	41.50	.20	14.9	?
July 13, 1942	2.5	.02	50.00	?	18.2	?
April 16, 1942	2.9	.02	59.00	?	20.8	?
Total	26.3	Avg.	36.44		14.78	

In addition to the above ~~one~~ ^{one} ~~leaser~~ ^{leaser} shipped 6 lots totalling 17.6 tons in 1939, and, ^{in the same year,} another leaser shipped 4 lots totalling 14.5 tons. The settlements for these shipments are not available. It is claimed that previously, ^{and since 1924,} other shipments, of which there is no present record, were made. Judging from the size of the openings in the mine the amount of such shipments could not have been large. The material of these shipments noted above was derived, ^{principally} from the small stops on No 2 and No 3 levels and occasional ^{very} small branches elsewhere throughout the mine. The ore was selectively mined in narrow widths and closely sorted. Early day production from the property of which ~~there is no record~~ was made from the surface and a small stop between ~~No 1~~ No 1 level and the surface.

The Principal workings consist of 4 tunnels and an incline shaft which explore the vein for a length of some 500 feet on its strike and to a depth of approximately 200 feet below the outcrop. The vein in No 1 and No 2 Tunnels is ^{fairly} well defined. It is less clearly defined in No 3 tunnel, and a large part of No 4 tunnel ~~has~~ ^{has} followed showings in various bedding planes of the schist with ^{apparently} only that part of the tunnel ^{the} south of shaft appearing in the vein proper. The vein is narrow, seldom exceeding 18" in

width, and is only sparsely mineralized, at widely separated points. The minerals are ~~fine grained~~ galena and sphalerite ~~in quartz~~, occurring with limonite and hematite in drusy quartz. The ore occurs ~~occurs~~ in short thin lenses and shows little continuity. Frequent fractures cut across the vein and mineralization commonly is more pronounced at such joints, and sometimes extends out along the fractures though ~~no such fracture~~ mineable ore has been in ~~along~~ developed in the considerable number of ~~such~~ fractures which have been explored.

The list of assays submitted by the applicant shows narrow widths with occasional fair silver values. Gold values are unimportant and lead and zinc content is erratic and on the whole quite low. The area showing good assays ~~in~~ No. 2 Tunnel has been mined out above the level and the same is true in ~~part of~~ No. 3 Tunnel. The ~~stop~~ ^{opening} above No. 3 south near the shaft ~~shows where accessible~~ indicates that ^{a bank of material being a width of} several inches and containing stringers and bunches of fine grained galena was mined in a very narrow stop. There is no ~~more~~ ore remaining in this area. In No. 4 Tunnel ~~and~~ a short thin lens was mined near the face. ~~and~~ Sampling there shows no remaining values. Sampling somewhat further back from the face did not check those listed by the applicant which indicated a short length of ore having a width of 12" to 24". A short lens near the shaft assayed as follows:

Sample	Width	Gr Au	Gr Ag	% Cu	% Pb	% Zn
9	18"	Tr.	11.80	.80	2.24	7.00

This ~~all~~ ^{showing} fades out within a few feet ~~in the~~ on strike in ~~each~~ ^{each} direction from the sample.

~~Very little work other than ^{that} on the main ~~has been done on the property~~
other than~~

~~Very little work other than that confined to
the main vein development has been done on
the property. A number of cuts and small short
tunnels.~~

~~No serious work has been done on the property
other~~

No serious work other than that confined
to the ~~main~~ main vein development has
been done on the property. Scattered cuts
and a short tunnel represent ^{principally} the performance
^{annual} of assessment ^{work}. Occasional thin lenses ^{contain} of oxidized
copper ore, ^{and some copper staining} were noted
in the bedding planes of the schist. ^{None} ~~and copper~~
~~stain~~ of these showings indicated a continuity of
more than several feet ^{of mineralization} and none seemed
worthy of development.

8

C. Proposed Development

The applicant proposes to sink the shaft 300 feet and develop the vein by drifts and crosscuts at that point.

~~Comments of Supervising Engineer~~

~~A Development loan does not appear to be justified.~~

~~The small past production of the property has been made by lease operators who have "gilded" and "chlorided."~~

~~The principal values are in silver and the small past production of the property has resulted chiefly from "chloriding" operations of leasers in the upper workings of the mine. The vein is narrow and the ore occurs in ^{short} thin, infrequent lenses.~~

Comments of Supervising Engineer

A development loan does not appear to be justified. The vein is narrow and the ore occurs in short thin lenses at infrequent intervals. The principal values are in silver and the small past production of the property has resulted chiefly from "chloriding" operations of leasers in the upper part of the mine. There is no ore in sight in the mine at the present time and sampling of the most favorable showings does not suggest that any worth while ore bodies would result from further development.

#1

12' down on N
wall 25'

Wing

Wd Qty same
br. stain

same Gal 2 Sph

btm full much

#2 45" Mostly

Wd vit. Qty. Spts

16' from) Sph and little

Drill) Galena in 8" band
on F.W.

#3

and from



30" aty FW 4" seam

open w/ spl gal spine

Rm

Nail #4

60 S fin shaft

Mod. lens 36"

Hd qtz and lime sh.
little sph siderite
and $PbCO_3$?

Nail 5

70' S fin shaft
across bank 12"

Hd qtz w/ some banded
red & yellow iron stain

some sulphide rare?

Mixed w/CR.

6 Haigler 66⁴¹

13 feet back from
face brown loose
broken mat.

This is end of shirt
short which was
min 1 ft 20' here
and down below
level 5 or 6 ft?
water now.

Min 1 a few
feet above level.
Apparently all
gone

Same mat in face
as on No 3 at
min 1 1/2 ft or
qtzite or per.

10/28

Nail Gun 7

10' back from 6.

10" w/ 2-4"

open seam some
bed guts, calcite
and CR

8 is face

9 18" 20S of shift

10 15" 10S " "

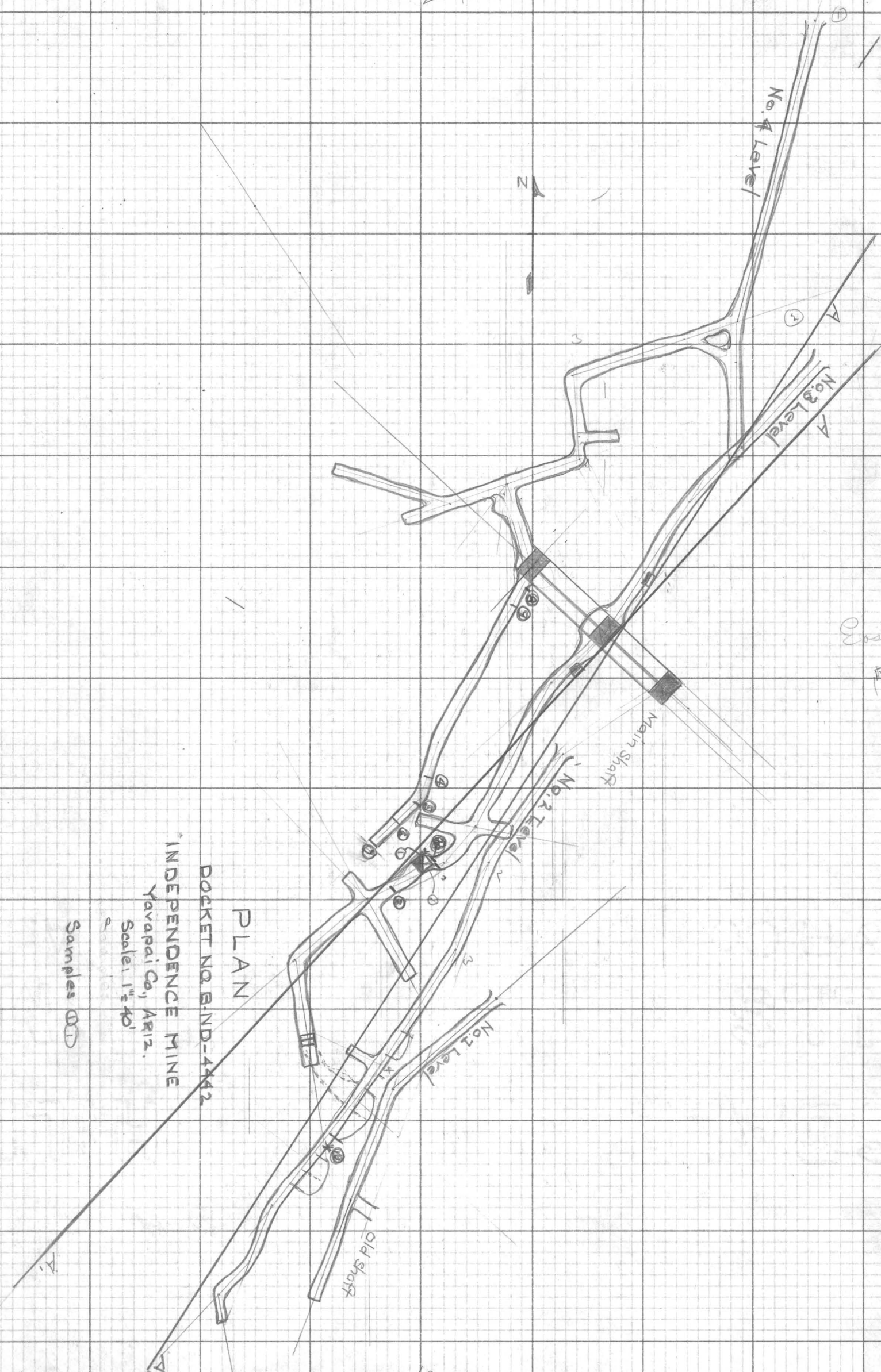
9 contains much Sph.

11 Pillar 24 ft

from raise from 3

red brown oxidized

2 North



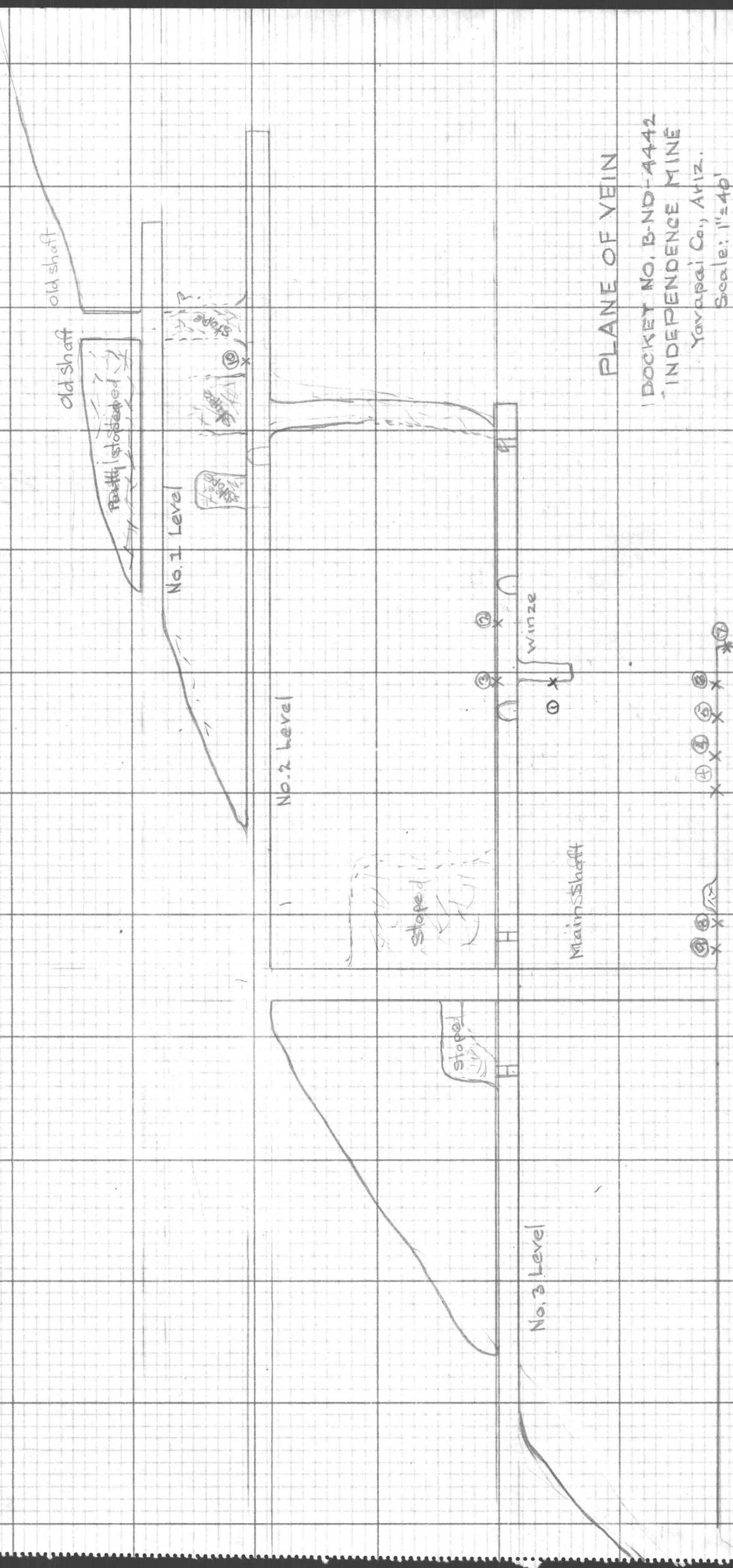
PLAN

DOCKET NO. B.IND-4442

INDEPENDENCE MINE
Yavapai Co., ARIZ.

Scale 1" = 40'

Samples (D)



PLANE OF VEIN

DOCKET NO. B-ND-4442
 INDEPENDENCE MINE
 Yavapai Co., Ariz.
 Scale: 1"=40'

Samples 00

No. 4 Level

No. 3 Level

No. 2 Level

No. 1 Level

old shaft

old shaft

Partly stoped

stoped

stoped

stoped

stoped

Main shaft

winze

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

No 2 level

Shalt @

S52°W 43'

Q₁ Portal

S34W

5

Q₂

S21°W

47.0

33.5

Q₃

S32W

35

49.5

Slope

Xcut

(N65W 13')

Q₄

S32W

58'

S37°W

3

20 1/2

} slope

✓

✓

✓

32

.465

} slope

S37°W

55'

Q₅

S21W

21.5'

Q₆

S42°W

16.0

Q₇

S10E

8'

Face

No 1 Tunnel

Q₁ Portal

S60W

49'

Stopped 20' back from Q₁

Q₁

S shift S19°W

42.5

(25' to surface on hillside)

face ✓

80.5

No 4 Tunnel

Portal (timber) S18°W 62

Φ₁ S13W 112

Φ₂

face
x cut
x cut

NS 50
NS 15
S73W 20
S73W 62.5

pillar

45°
S73E

Φ₃

x cut

S2E 23
S°E 30.5

(EWIS trend) x₃

Φ₄

face
xx

S22E 66.0
S71°W 49.5
S71°W 27.5

Φ₅

xx

N74W 43

face

Φ₅

face

S7°W 27

point

S7°E 25.5

✓

S31E 19.5

✓

S35W 7.0

S26E 31.5

shift

Φ₆

smallest
S 1.5

S27½W 30

S27.5W 71.5

Φ₇

S17W 21

Φ₈

S45W 26

Φ₉ face

shift 65
58°

4-3 85

3-2

85

surface

(shaft #3)
68° 6X8 S42W

10' drift on
slip

Portal

S 44° W 92'

Stonehill & dump 22 to portal

Ø₁ E

S 33 W 57'

shaft

H

(30' to chute &
vein

S 47° W 26'

(16 to chute)

Ø₃

S 27° W 59'

Ø₄

Ø₅

S 71° W 17'

face

S 80 W 21

face

N 80 E 13

S 41 W 17'

Ø₅

min

N 88° W 10'

Ø₆

S 64 W

30'

face

S 28° E

32

face

N 43 W

11

Ø₇

S 48 W

34.5

chute

S 8° E

32.5

End

✓

39.0

chute

