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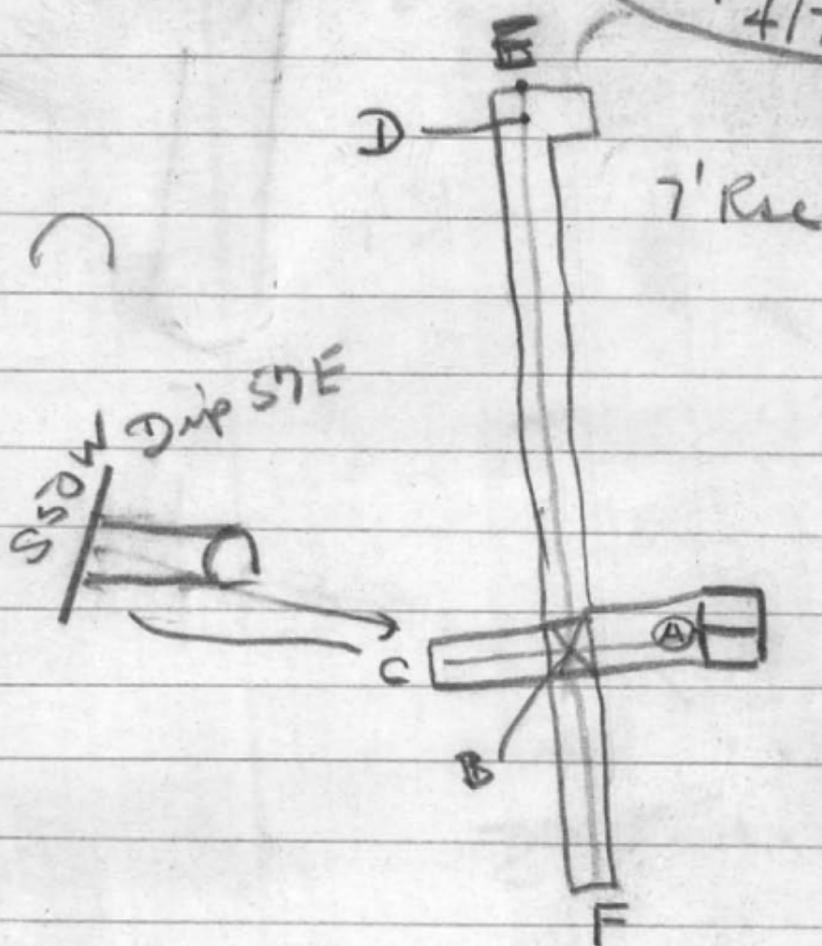
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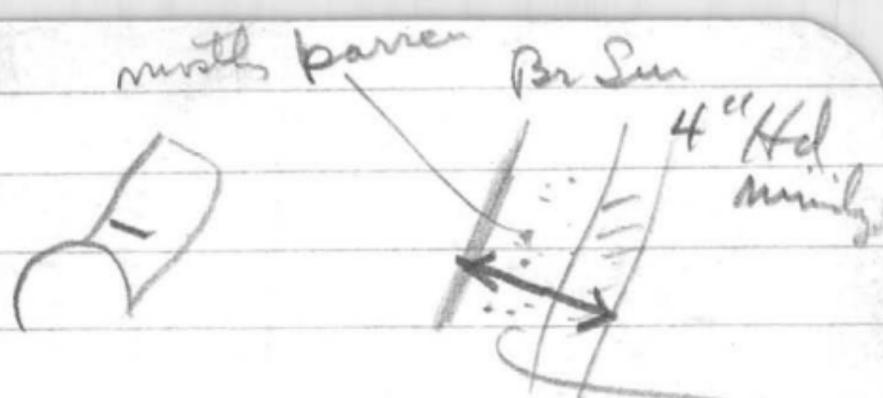
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128' Level

Esperanza
4/7/43



A - B	S57°E	12 1/2
A - C	✓	37
A - D	S41°W	85 1/2
A - E	✓	89
A - F		



Much Cu sulfate
and sulfide \bar{e}

Sample #
15-4 I

#2 at Head of
mine. 14"

For 2 FeS & Chalcopyrite



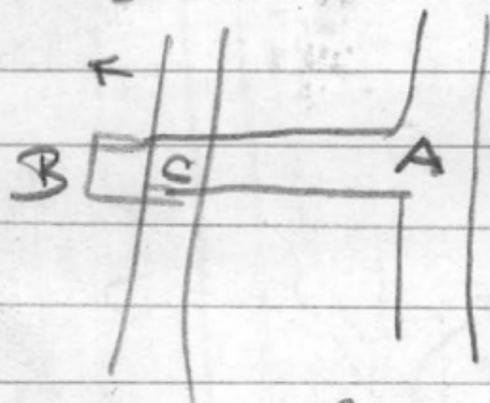
30' long

One is 5 or 10'
long (timber in way)
lies on Brown mud
seam which is
trace of vein throat
level from 1" to 6"
of mud.

3 12" Hd Fe Gu.
som Ph & Chalcopy.

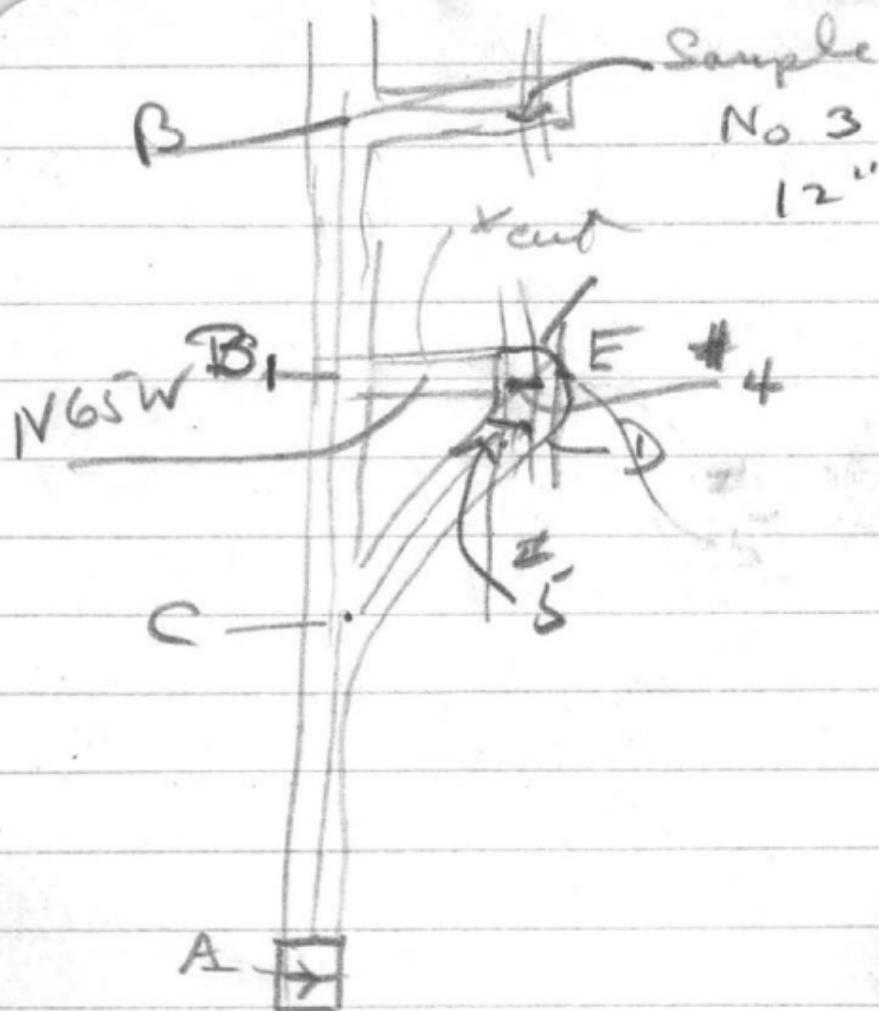
Much coating and
glossy fibrous mat.

SSW
dip W 50°



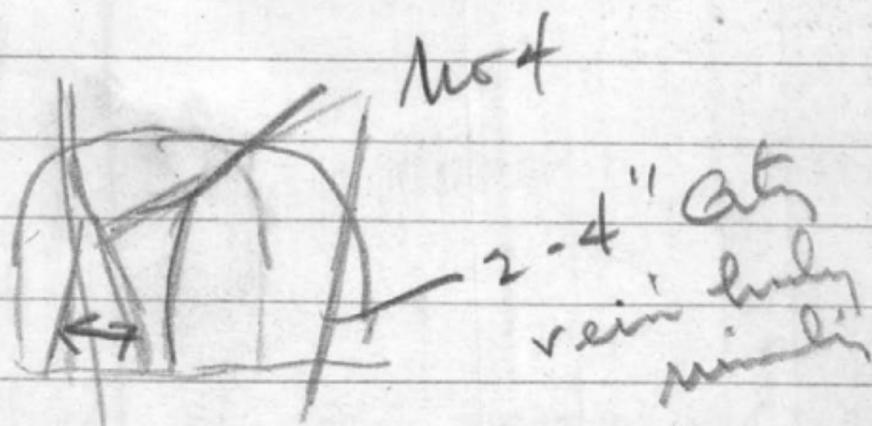
A-B S40°E 22'

A-C 18'

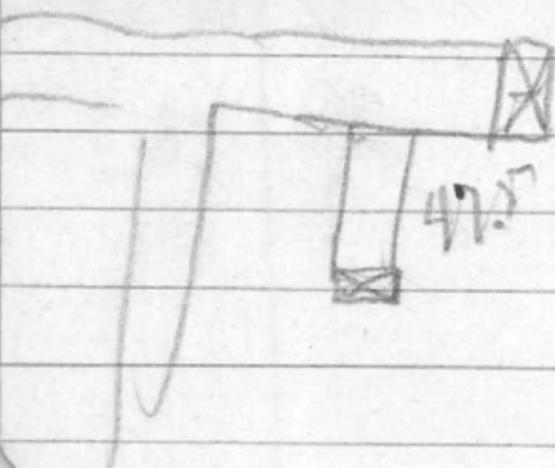
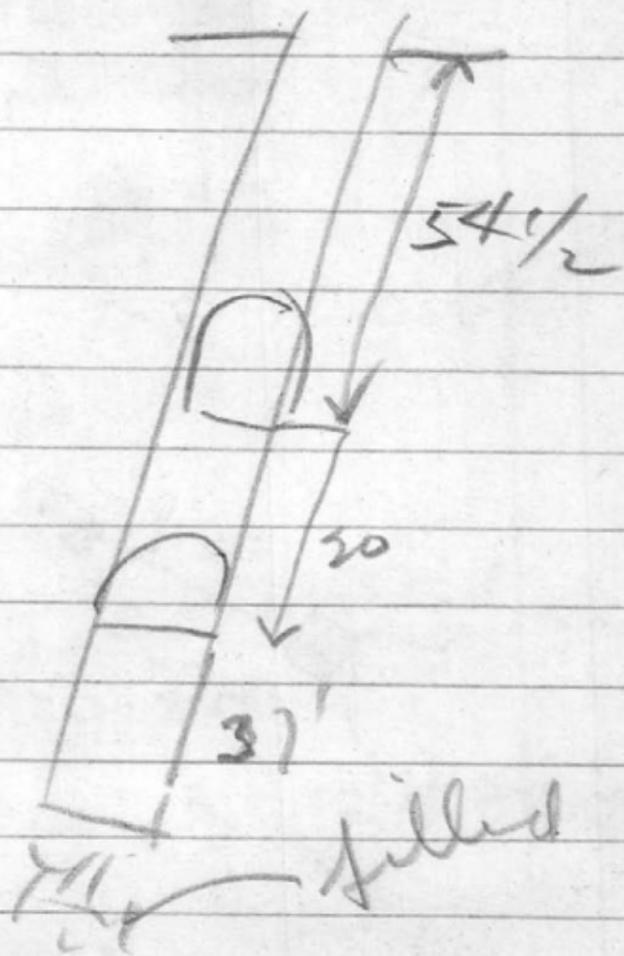


A-B	N 47° E	94
A-C	✓	41
C-D	S 83° E	25'
D-E	N 48° E	13 1/2'
A-B ₁		

37 1/2 to core below top



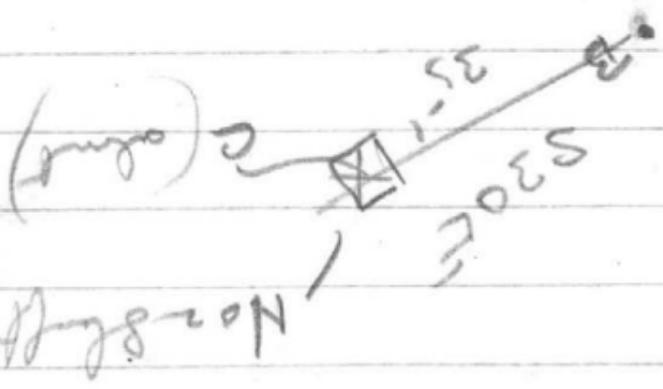
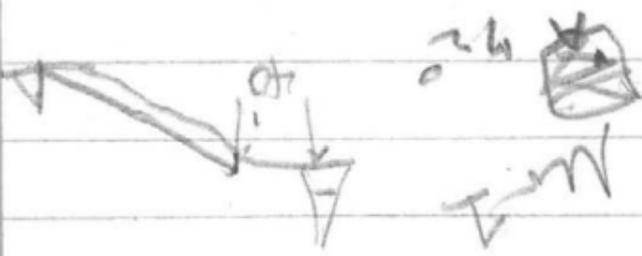
No 5 10' back
from face 7"
do less Ph



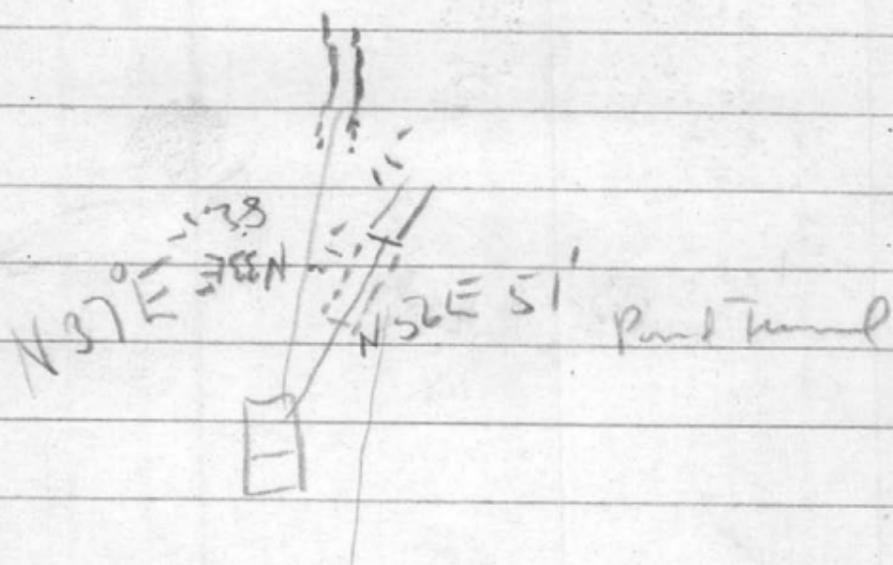
A-B N37°E 200
 B-C S30°E 35
 A-D N37°E 370

(3300 @ 110)

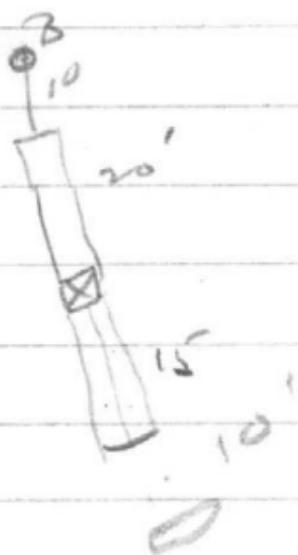
Sketch

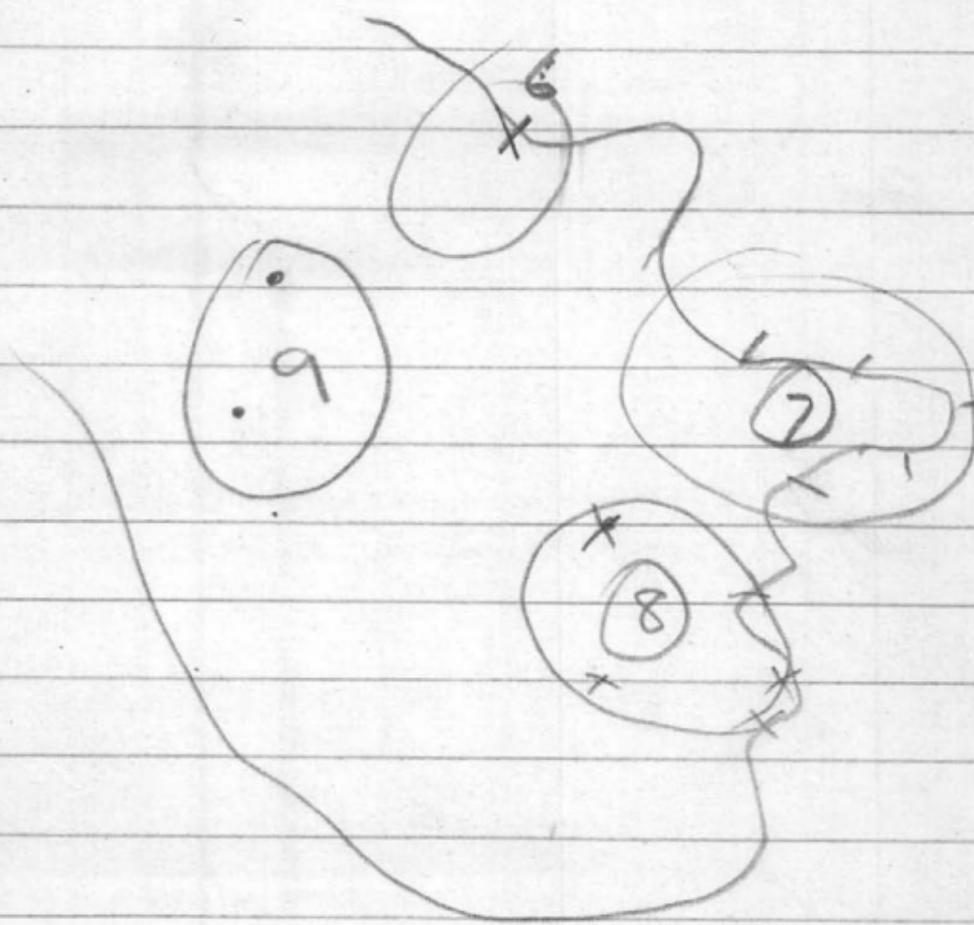


A



CND 7932





400-500 tons

6 represents 300+

Esprang

Wing is 30 ft deep

1' wide at top 2' at
btm.

200# Sample of

13 1/2 tons (Byrd Island)

dump at collar.

# all ore	cu	Pb	Zn
1.75 - 19.3	4.4	8.6	15.9
2.60 - 13.0	3.0	8.0	17.0

Trunk to Trunch \$ 4.50

~ ~ Duquesne 4.50 ±

Fert. ✓ 1.25

✓ ✓

Fert. to El Paso \$ 3.10

AS&R Hanover Milling
unit.

~~Schedule 6~~

~~No 200 Middle Ori~~
shaft (Spanish)
80' deep

Next Incline 700

Most of ore 300 up
before 1550 ^{\$} 20000 to Summit
Net.

Vent. 200 deep

Ore supported in 300
and 500

1900-1916

water stands
at 200.

MINNESOTA-CONNOR MINE

The mine is located in Secs. 2 and 11, T. 23 N., R. 18 W. in the Wallapai (Chloride) Mining District and comprises 10 mining claims. The rocks of the region are a granite-gneiss-schist complexes which are cut by numerous pegmatite dikes and quartz veins that strike roughly NW-SE and dip slightly SW. Many veins occur in the property and several of the more prominent ones have been extensively developed. The principal vein, known as the Minnesota-Connor, was worked through several deep shafts and supported a mill and made a large production many years ago. The old workings on the Minnesota-Connor vein are completely inaccessible. The present interest is centered on the Uncle Abe vein which courses through three claims on the south edge of the property.

The vein is more properly a shear zone, the limiting walls of which are not always recognizable. It has an average width of approximately 16 feet and is composed of alternating bands of crushed clayey vein matter and ribs of hard quartz with frequent small lenses of ore occurring in the quartz ribs. The ore lenses favor the hanging wall portion of the vein zone. The ore minerals are principally galena and sphalerite with oxidation minerals.

The Manzanita workings are located near the eastern end of the Uncle Abe extension claim, formerly known as the Manzanita claim, and consists of a shaft 150 feet deep with a station and crosscut at 50 feet and levels at 100 feet and 150 feet. The shaft is sunk on the footwall of the fissure, which dips 67° southwesterly. Rehabilitation of the mine in 1942 resulted in showing a small orebody. The grade of ore shipped was as follows:

<u>Tons</u>	<u>Oz Au</u>	<u>Oz Ag</u>	<u>%Cu</u>	<u>% Pb</u>	<u>%Zn</u>
1360	.313	12.33	.40	4.37	2.64

Work in the mine was discontinued toward the end of 1943 and the mine allowed to fill with water.

The Uncle Abe Mine workings are located on the eastern portion of the Uncle Abe claim and are 1200 feet east of the Manzanita workings. The mine is opened by a shaft and a short crosscut tunnel with 250 feet of drifting on the tunnel level. The shaft is 125 feet deep with a level at the bottom. Five cars of ore were shipped (3 as crude smelting and 2 cars as mill ore.) The grade of ore shipped was as follows:

<u>Tons</u>	<u>Oz Au</u>	<u>Oz Ag</u>	<u>%Cu</u>	<u>% Pb</u>	<u>%Zn</u>
236	.02	2.95	.20	4.78	1.44

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The vein is more properly a shear zone, the limiting walls of which are not always recognizable. It has an average width of approximately 16 feet and is composed of alternating bands of crushed clayey vein matter and ribs of hard quartz with frequent small lenses of ore occurring in the quartz ribs. The ore lenses favor the hanging wall portion of the vein zone. The ore minerals are principally galena and sphalerite with oxidation minerals.

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236	.02	2.95	.20	4.78	1.44

MINNESOTA-CONNOR MINE

The mine is located in Secs. 2 and 11, T. 23 N., R. 18 W. in the Wallapai (Chloride) Mining District and comprises 10 mining claims. The rocks of the region are a granite-gneiss-schist complexes which are cut by numerous pegmatite dikes and quartz veins that strike roughly NW-SE and dip slightly SW. Many veins occur in the property and several of the more prominent ones have been extensively developed. The principal vein, known as the Minnesota-Connor, was worked through several deep shafts and supported a mill and made a large production many years ago. The old workings on the Minnesota-Connor vein are completely inaccessible. The present interest is centered on the Uncle Abe vein which courses through three claims on the south edge of the property.

The vein is more properly a shear zone, the limiting walls of which are not always recognizable. It has an average width of approximately 16 feet and is composed of alternating bands of crushed clayey vein matter and ribs of hard quartz with frequent small lenses of ore occurring in the quartz ribs. The ore lenses favor the hanging wall portion of the vein zone. The ore minerals are principally galena and sphalerite with oxidation minerals.

The Manzanita workings are located near the eastern end of the Uncle Abe extension claim, formerly known as the Manzanita claim, and consists of a shaft 150 feet deep with a station and crosscut at 50 feet and levels at 100 feet and 150 feet. The shaft is sunk on the footwall of the fissure, which dips 67° southwesterly. Rehabilitation of the mine in 1942 resulted in showing a small orebody. The grade of ore shipped was as follows:

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1360	.313	12.33	.40	4.37	2.64

Work in the mine was discontinued toward the end of 1943 and the mine allowed to fill with water.

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<u>Tons</u>	<u>Oz Au</u>	<u>Oz Ag</u>	<u>% Cu</u>	<u>% Pb</u>	<u>% Zn</u>
236	.02	2.95	.20	4.88	1.44

RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
REPORT OF SUPERVISING ENGINEER

Docket No. ND-5994
Date of Examination: May 26, 1944
Date of Report - - : June 5, 1944

1. NAME AND ADDRESS OF APPLICANT:

Name: Minnesota-Connor Mines, Inc.
Address: Box 267 - Chloride, Arizona

Correspondent: Russel E. Lord
Box 267
Chloride, Arizona

2. CHARACTER OF LOAN:

To develop lead - zinc - silver deposit.

3. LOCATION OF MINE:

The mine is located in secs. 2 and 11, T 23N, R 18W, in the Wallapai Mining district, Mohave County, Arizona. The property is 2-1/2 miles by good dirt road southeasterly from the town of Chloride. The nearest rail point is Kingman, Arizona, 25 miles south by paved highway from Chloride.

4. APPLICANT:

The applicant is a corporation with offices in Camden, New Jersey. The conduct of operations is in the charge of Russel E. Lord, a shareholder in the corporation and correspondent in the application. Mr. Lord is a young man (30 years old). Previous to his coming to Chloride two years ago he had had no experience in mining. Despite this fact he has conducted the mining operations intelligently and efficiently. The appreciable production which has been made from the property was possible only because of the exceptional industry and resourcefulness of Mr. Lord.

5. LOAN REQUESTED:

\$30,000.00

6. DESCRIPTION OF PROJECT:

A. General Features

1. There is no mill and there are no mine workings or appurtenances which are not confined within the applicant's ownership.
2. The proposed 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 deposit is a vein deposit opened by shafts and tunnels.

- a. The applicant presents claim maps and rough sketches of the workings which it proposes to further develop. The sketches which accompany this report were made from compass and tape surveys.
- b. Samples were cut with pick and moil and caught in a box or gathered on canvas.
- c. The essential portions of the workings where the proposed work is to be done were accessible and in good condition except the east end of the lower level in the Manzanita mine. The level here had sloughed in when the shaft was pumped out just prior to the examination and was completely plugged in the east portion. The balance of the level was filled several feet with slime but the vein at the shaft crosscut, under the stoped out area on the levels above, was accessible for sampling.
- d. The property comprises 10 mining claims. 9 of these claims are held by the applicant-corporation under agreement with the owners and the 10th claim (a 1/2 size claim on the south end of the Uncle Abe Extension claim) is a subsequent location by the corporation. The grantors (husband & wife) in the agreement are shareholders in the corporation and one of them, Mr. Rechutti, is president of the corporation. The stipulations of the agreement are that, following a cash payment which was made to grantors upon execution of the agreement, the grantee agrees to pay the balance of the principal of an outstanding mortgage against the property on its due date (in late 1944). The amount remaining to be paid on the mortgage is \$4,875.00. The corporation has expressed its willingness to pay this off if such action is a pre-requisite to the granting of an R. F. C. loan. If or when the mortgage is paid ownership of the property would be vested in the corporation. The holder of a note against the corporation in the amount of \$11,224.88 due in 1948 has agreed to extend the due date of the note five years from the date upon which an R. F. C. loan might be granted to the corporation.

The property lies in the steep foot hill area of the western edge of the Wallapai mountains. The rocks of the region are a granite-gneiss-schist complex which is cut by numerous pegmatite dikes, and quartz veins which strike roughly NW - SE and dip steeply SW. Many veins occur in the subject property and several of the more prominent ones have been extensively developed. The principal vein known as the Minnesota-Connor vein was worked through several deep shafts, and supported a mill and made a large production many years ago. The old workings on the Minnesota-Connor vein are completely inaccessible and the present interest in the property is centered on the Uncle Abe vein which courses through three claims on the south edge of the property.

The vein is more properly speaking a shear zone, the limiting wall of which are not always definitely recognizable. It has an apparent average width of approximately 16 feet and is composed of alternating bands of crushed clayey vein matter and ribs of hard quartz with frequent small lenses of ore occurring in the quartz ribs. The ore lenses favor the hanging wall portion of the vein zone. The ore minerals are principally galena and sphalerite with oxidation products of those minerals in the surficial zone.

A number of openings have been made on the vein in the subject-property and the applicant-corporation has further developed and mined ore from two of the old workings. These workings are known as the Manzanita mine and the Uncle Abe mine and the development proposed in the application is to be performed at these places. The situations are described specifically as follows: (see sketches).

Manzanita Mine

The manzanita workings are located near the eastern end of the Uncle Abe Extension claim, formerly known as the Manzanita claim, and consist of a shaft 150 feet deep with a station and crosscut at 50 feet and levels at 100 feet and 150 feet. The shaft is sunk on the foot wall of the fissure, which dips 67° southwesterly, and is connected by short crosscuts to levels which were driven on an ore band which occurs against or quite near the hanging wall.

Comments of Supervising Engineer:

The applicant proposes to perform ^{an} equal amount of development in each of two mines on the Uncle Abe vein.

The applicant mined out practically completely a small shoot of ore in the Manzanita mine and my sampling suggests that values here do not persist in depth. The possibilities of the mine therefore would appear to depend upon ~~the~~ encountering other ore bodies, whose presence is not now indicated, in lateral development on the upper levels.

The applicant has made a number of small shipments from the Uncle Abe mine. These shipments did not return a profit on the operation and there is no mineable body of ore exposed in the mine at the present time. The possibilities of the mine would appear to depend upon the development of ore in the sulphide zone below the 125 foot level which level appears to lie in the transition zone between oxidized and sulphide mineralization. The presence of residual values in the oxidized and leached portion of the vein on the main tunnel level affords some basis for believing that an enrichment might be found here in depth but in the absence of historical precedent elsewhere on the property the matter is entirely conjectural.

The proposed development would be speculative with but little evidence for its justification in either of the two mine workings. A development loan is not recommended.

TRAVIS P. LANE
Supervising Engineer

WICKENBURG ORE MARKET

ASSAY CERTIFICATE

JOHN C. HERR, Assayer

WICKENBURG, ARIZONA May 30th 1944, 19__

R F C By T. P. Lane

Phoenix Ariz.

Samp. No.	Owner's Mark on Sample	GOLD		SILVER		Percent of		Total Value Per Ton
		Ozs. Ton	Val. Ton	Ozs. Ton	Val. Ton	Cop'r	Lead	
								Zinc
	MO- No paper 36"	0.02		3.20		0	0.30	0.90
	" #2--19 inches	0.01		1.80		0	0.40	0.80
	" #3--48 "	0.015		1.00		0	0.00	1.00
	" #4--10 "	0.71		12.70		3.00	9.6	7.10
	" #5--15 "	0.42		5.60		0	0	1.10
	" #6--51 "	0.035		3.20		0	0.20	1.40
	" #7--69 "	0.01		2.00		0	0.30	1.60
	" #8--54 "	0.02		3.00		0	1.20	2.40
	" #9--84 "	0.025		4.00		0	0.30	1.50

Gold at \$..... per Oz.

Copper at Smelter Settlement

John C. Herr ASSAYER

WICKENBURG ORE MARKET

ASSAY CERTIFICATE

JOHN C. HERR, Assayer

WICKENBURG, ARIZONA May 30th 1944, 19__

R F C By T. P. Lane

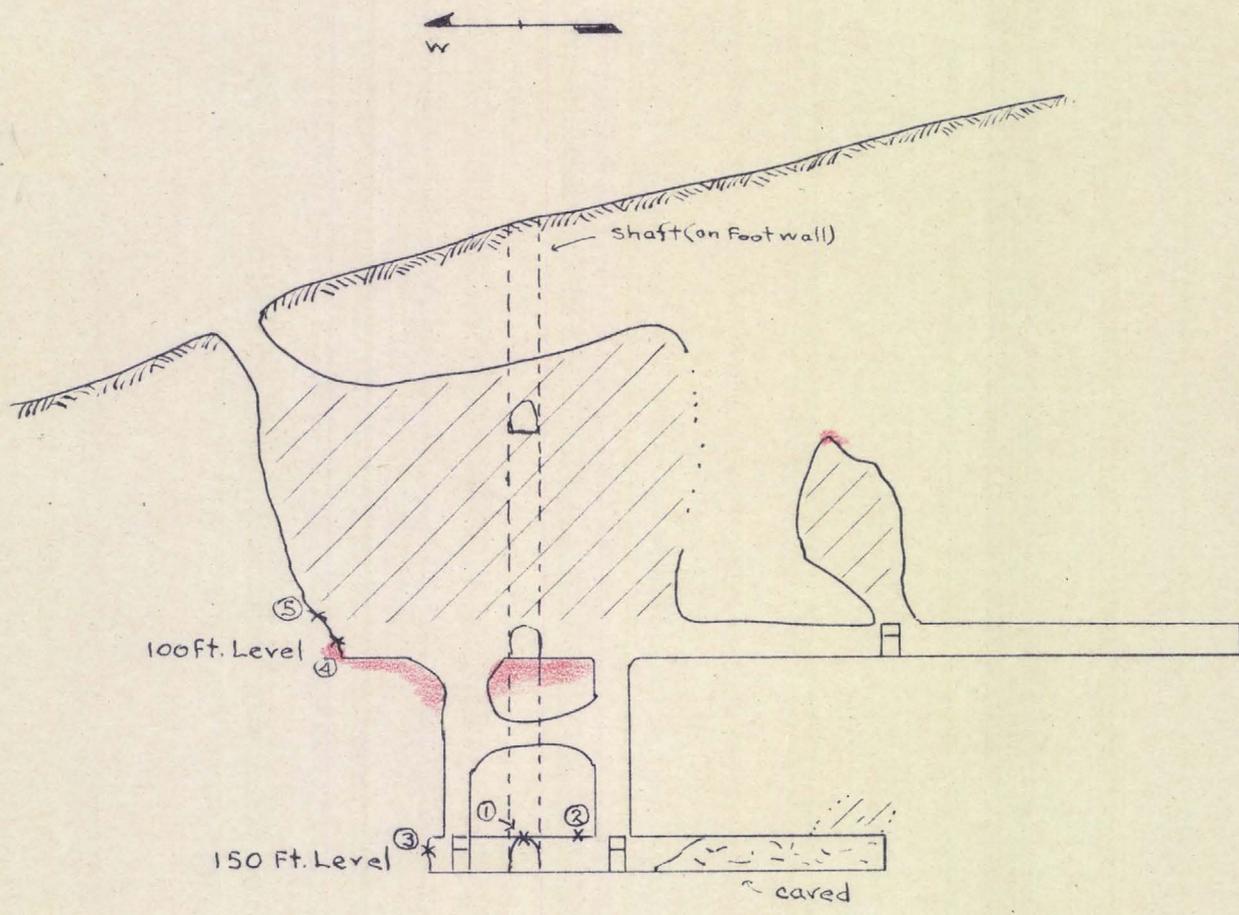
Phoenix Ariz.

Samp. No.	Owner's Mark on Sample	GOLD		SILVER		Percent of		Total Value Per Ton
		Ozs. Ton	Val. Ton	Ozs. Ton	Val. Ton	Cop'r	Lead	
								Zinc
	MO-#10--60 Inches	0.02		0.40		0	0.60	0.80
	" #11--39 "	0.025		3.90		0	0.40	1.60
	" #12--50 "	0.01		1.80		0	0.00	1.70
	" #13--55 "	0.01		1.00		0	0.30	2.50
	" #14-- 5 "	0.02		4.90		0	22.20	7.30
	" #15--30 "	0.035		3.20		2.20	4.60	2.10
	" #16--42 "	0.02		4.80		0	3.10	5.60
	" #17--32 "	0.035		6.40		0	8.00	1.80

Gold at \$..... per Oz.

Copper at Smelter Settlement

John C. Herr ASSAYER



Sample	Width	O ₂ Au	O ₂ Ag	% Cu	% Pb	% Zn
No. 1	36"	0.02	3.20	Nil	0.30	0.90
2	19"	0.01	1.80	"	0.40	0.80
3	48"	0.015	1.00	"	Nil	1.00
4	10"	0.71	12.70	3.00	9.60	7.10
5	15"	0.42	5.60	Nil	Nil	1.10

MANZANITA MINE

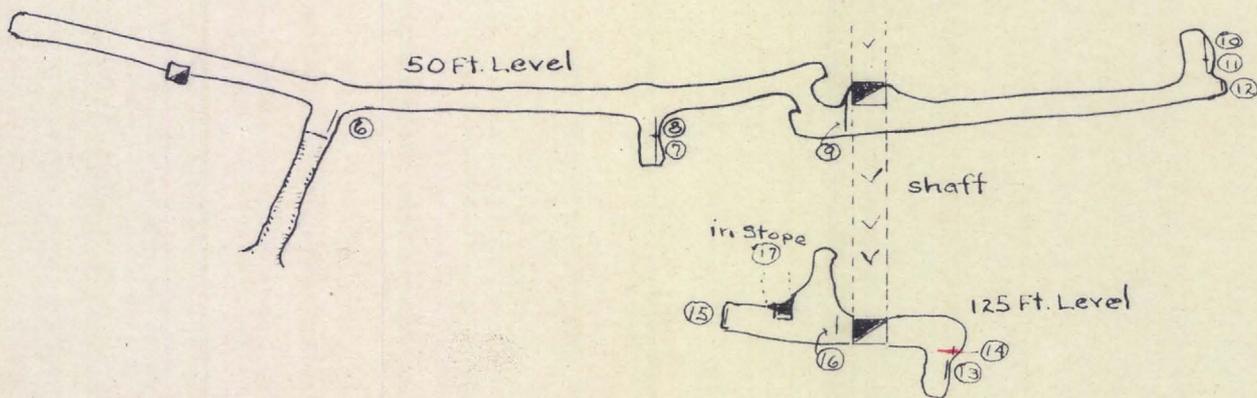
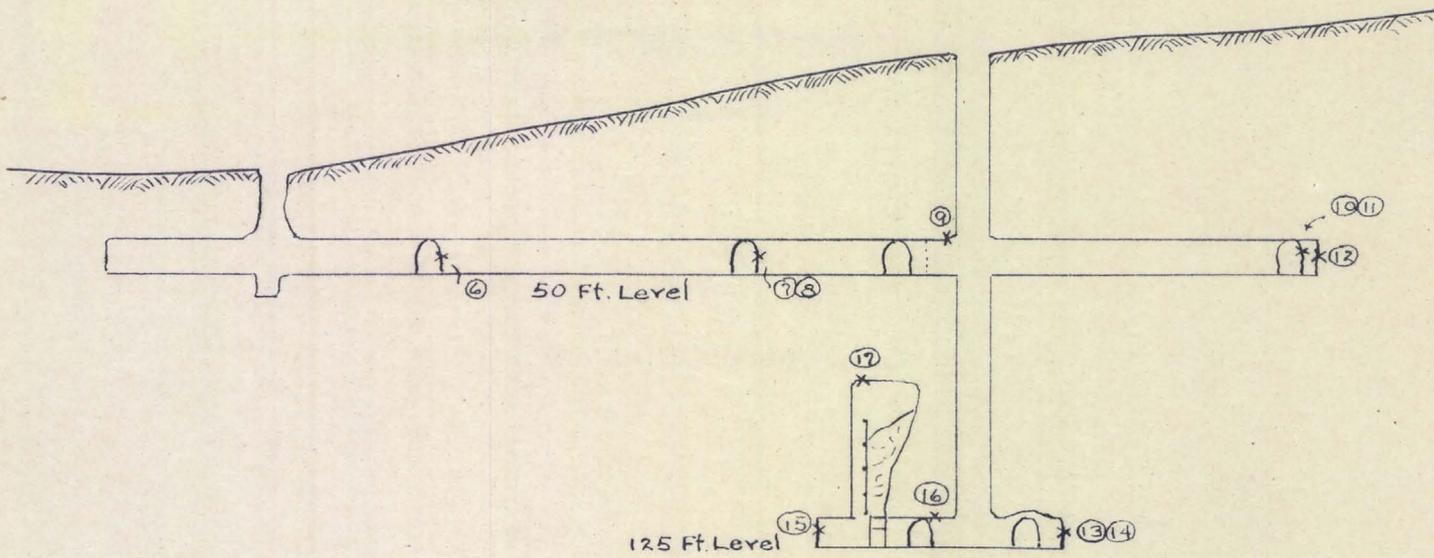
DOCKET NO. ND-5994
 Minnesota-Connor Mines Inc.
 Mohave Co., Ariz

Scale: 1" = 40'

ore: —

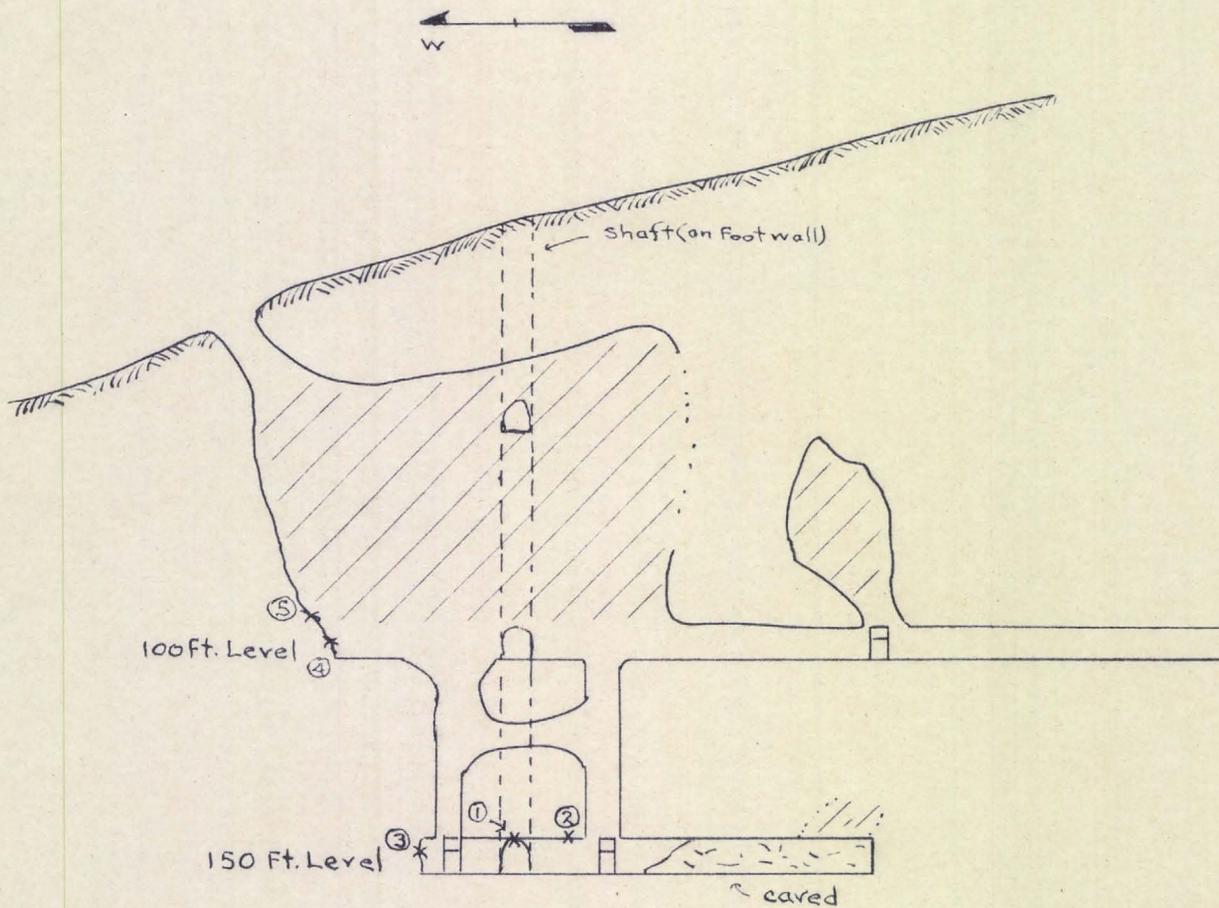
Samples: X ①

June 5, 44 - T.P. LANE



Sample	Width	Oz Au	Oz Ag	% Cu	% Pb	% Zn
NO. 6	36"	.035	3.20	Nil	0.20	1.40
7	69"	.01	2.00	"	0.30	1.60
8	54"	.02	3.00	"	1.20	2.40
9	84"	.025	4.00	"	0.30	1.50
10	60"	.02	0.40	"	0.60	0.80
11	39"	.025	3.90	"	0.40	1.60
12	50"	.01	1.80	"	Nil	1.70
13	55"	.01	1.00	"	0.30	2.50
14	5"	.02	4.90	"	22.20	7.30
15	30"	.035	3.20	2.20	4.60	2.10
16	42"	.02	4.80	Nil	3.10	5.60
17	32"	.035	6.40	"	8.00	1.80

UNCLE ABE MINE
 DOCKET NO. ND-5994
 Minnesota-Connor Mines Inc.
 Mohave Co., Arizona
 Scale: 1" = 40'
 Ore: X
 Samples: X-①



Sample	Width	Oz Au	Oz Ag	% Cu	% Pb	% Zn
No. 1	36"	0.02	3.20	Nil	0.30	0.90
2	19"	0.01	1.80	"	0.40	0.80
3	48"	0.015	1.00	"	Nil	1.00
4	10"	0.71	12.70	3.00	9.60	7.10
5	15"	0.42	5.60	Nil	Nil	1.10

MANZANITA MINE

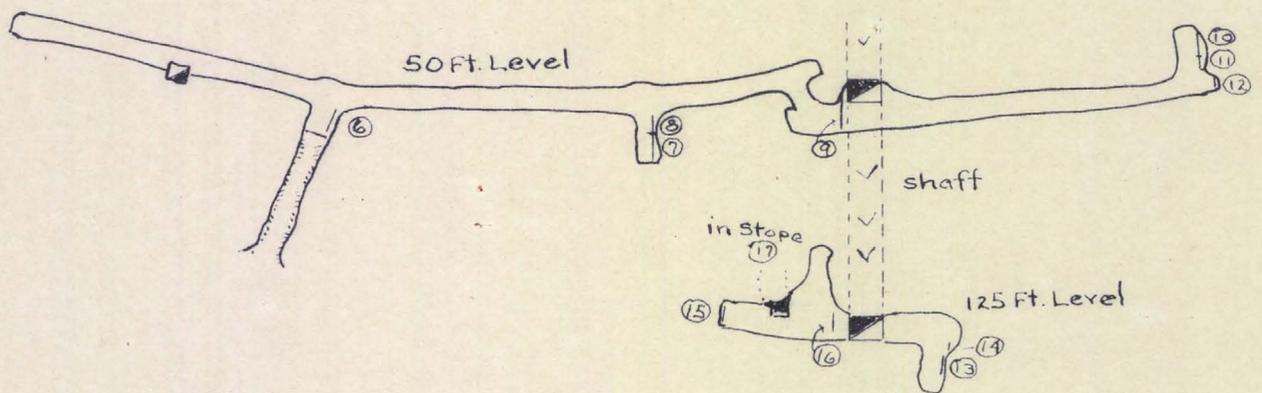
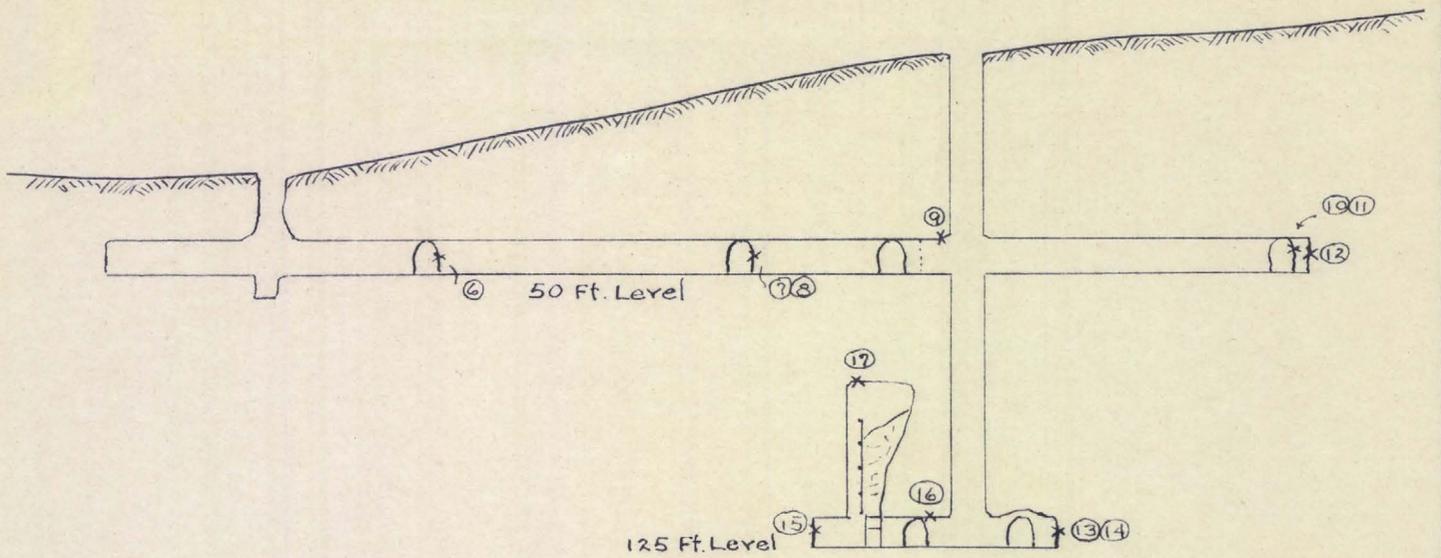
DOCKET NO. ND-5994
 Minnesota-Connor Mines Inc.
 Mohave Co., Ariz

Scale: 1" = 40'

Ore:

Samples: X ①

June 5, '44 - T.P. LANE



Sample	Width	Oz Au	Oz Ag	% Cu	% Pb	% Zn
No. 6	36"	.035	3.20	Nil	0.20	1.40
7	69"	.01	2.00	"	0.30	1.60
8	54"	.02	3.00	"	1.20	2.40
9	84"	.025	4.00	"	0.30	1.50
10	60"	.02	0.40	"	0.60	2.80
11	39"	.025	3.90	"	0.40	1.60
12	50"	.01	1.80	"	Nil	1.70
13	55"	.01	1.00	"	0.30	2.50
14	5"	.02	4.90	"	22.20	7.30
15	30"	.035	3.20	2.20	4.60	2.10
16	42"	.02	4.80	Nil	3.10	5.60
17	32"	.035	6.40	"	8.00	1.80

UNCLE ABE MINE
 DOCKET NO. ND-5994
 Minnesota-Connor Mines Inc.
 Mohave Co., Arizona
 Scale: 1" = 40'
 Ore:
 Samples: X - ①