18" cut off ft Wall under
Sample #3. Wall Raise

#5 10.00 oz. 29.63 p/p
cut thro Best looking one
from Forming to yellow
over 2x Shuts

#6 21.20 oz — 2141. p/p
cut from Dark Brown Die
to ft Wall. yellow looking
over 2x Shuts

#7 14.76 oz. 1340 p/p
from ft cut on roof over
2x Shuts yellow underneath

#8 9.88 oz. 14.00
cut off above one over
2x Shuts.

12.00 oz. 14.51 p/p

B of Sample 14.84 oz 26.21 p/p
June 28 21

#1
cut from ft 17 Shuts

#5

9 ft cut in M End Wall
Raise on ft Wall.

44.44 26.82 ft

#6

3 foot cut North side 1X raise
on level with north man way
sill

20.54 31.61

#7

3 foot cut 1X raise north
corner.

9.72 30.61

#8

2 foot cut yellow and Brown
in raise over 2X slate

6.00 18.00

July 1 1921

9 ft cut off ode and line from
ore on hanging wall 3X slate

6.32 31.419

#9

cut from 96 mgmt to foot
in 1X raise

16.66 32.8

Oct. 28 1920 ag.

#1

Grab Sample Tunnel Level Drift North End. 3.0 6.8

#2

Face Sample Tunnel Level Drift South. 14.0 oz 26.6

#3

Stope 15 Stuck of Brown ore under Hanging wall 28.1 oz 30.8

#4

Stope 15 Brown Streak ore on Foot wall. 4.2 oz 31.

#5

Grab Sample Swede Stope Track Level 90 feet South of Swede Chute 3rd west 2nd 24.5 oz 37.

#6

Face Sample 90 feet South 3rd west 2nd Swede Stope. 21.6 oz 44.4

#7

Swede Stope Face Sample 11 feet South Swede Chute Track Level 16.0 oz 37.

#8

Swede Stope 5th west South 1st 2nd

10.0 oz

#9

Grab Sample Chute 11.0 oz 10 9.4%

#10

Ore Sample 1st bill floor Sewer North end 3.2 oz 9.8

#11

Ore Sample 2nd bill floor wood stope North end 10.6 oz 14.8%

Box Sample 33.6 oz 38.8%

11. 29. 20. MOISTURE 13.5%

#1

Cut. Stope 3rd floor 2nd east Brown Ore 8.6 oz 28%

#2

Swede Stope Sill Floor 3rd South 5th west grab Sample 19.0 oz 37.3

#3

Same as No. 2 Red Ore 3.0 oz 9.2

#4

Same as No 2 mixed Brown and white Ore 10.0 oz

#5 Cg Pb

White chalk Lime Head of 12 Stope 12.6 g ✓ 16.6

#6

Black Lime head of 12 Stope 23.2 g ✓ 35.3%

#7

Grab Sample Tunnel Level chute 17 8.0 ✓ 18.7%

#8

Ore Sample head chute 13 Brown Ore 1.5 ✓ 2.0

#9

Ore Sample head chute 7 Grab 11.5 ✓ 13.6

#10

Grab Sample swed stope 18.5 g 39.9%

Box Sample 30.0 g ✓ 40.7

Moisture 2%

11.30.20.

#1

Swede Stope 9th set South West 2nd floor Dark Black chop 15.0 g. ✓ 33.6%

#2

Swede Stope 9th set South West [illegible] sample 26.0 g ✓ 37.5 g

#3

Black Ore out of [illegible] in Tunnel Level wringe 12.2 g ✓ 18.6%

#4

Sil. ore in Drift Tunnel Level wringe. 15.0 g. ✓ 26.3%

#5

Red and Blue mixed ore Tunnel Level wringe South Drift. 13.0 g ✓ 23.1%

#6

Ore Sample South End Wringe 2.0 g ✓ 17.0%

#7

Grab Sample Head of chute 15 15.0 g ✓ 22.7%

#8

Grab Sample head chute 7 12.2 g ✓ 9.06

#9

Ore Sample swed stope Roll end bill floor 2.0 ✓ 8.8%

#10

Ore Sample south end of swed stope bill floor 5.0 g ✓ 21

Box Sample 11.5 g 37.0 g ✓

12.1.20

Tunnel Level wringe Light Red
Iron in west side of drift
3.0 3.7%

#2
Light yellow lime in Face of
Tunnel Level wringe drift
1.0 1.0%

#3
Light red iron in bottom
of Tunnel Level wringe drift
0.6 2.9%

#4
Grab Sample Swede Stope 3rd
South 5 west.
8.0 9.2%

#5
Face Sample Swede Stope 3rd
South 5 west
5.0 11.1%

6
Grab Sample Swede Stope 8
set South 4th set west 2nd floor
15.0 33.4%

7
Face Sample Swede Stope
4th South Sill floor 16.0 28.7%

Grab Sample Swede Stope
11 set South Sill floor. 6.8 15.2%

#9
Ore Sample left foot Wall in
Wringe 4.0 5.1%

#10
Ore Sample swede stope foot
Wall south West Corner Mill
3.0 26.6%

#11
Ore Sample Wringe Face Drift
18.0 39.4

Bin Sample 15.5 27.7%
H2O 13%
12-2-20

#1
Swede Stope 12 set South grab Sam
10.0 24.6%

#2
Swede Stope 12 set South Face Sam
14.1 41.0%

#3
Swede Stope Sample 2nd South
4th west. 24.0 47.%

#4
Swede Stope sample 2nd So
5 west. 6.0

#5

Tunnel Level between 13 and 15
Shutes 4rd set high Face Sample manway

#6 5.0 g 5.5%

Same as no 5 grab Sample

#7 10.5 g 13.6%

Light red iron in Drift Tunnel
West wing 1.5 g 48%

#8

Sample Between shute 13 + 14
3rd set from Tunnel level Brown

4.0 g 4.6%

#9

Sample Gray Ore Between 13 + 14
shute 3rd above Tunnel level

25.0 g 35%

#10

Sample sieved stope 2nd
Bottom floor North end filter

5.0 g 12%

Bin Sample 20.5 g 31.4%
Moisture 12.6%

Bin wing Sample 14.0 g 40.7%

12.3.20

Grab Sample Tunnel Level
wing 10.0 g 20.3%

#2

Grab Sample Swede Stope
Shute. 3.0 g. 9.9%

#3

Brown iron Swede Stope field
in set 4 west 2nd South.

5.0 g 15.1

#4

Same as no 3 light Brown
iron. 3.2 g 5.5%

#5

Face Sample 6th set South 3rd
2nd floor Mike iron ore

24.1 g 30.1

#6

Brown Streak Stoping Wall
Top floor sieved stope 3rd set South

10.2 g 20.5

#7

Dark Brown Glossy streak
sieved stope top floor 3rd

28.2 g

#8

Cut Sample from foot to top floor Well seed stope 3rd set going West

20.0oz 35.1%

#9

Sample bill floor going North 3rd set. seed stope

3.2oz 6.3%

#10

Ore Sample Wing

12.0oz 18.2%

Pin Sample 28.2oz 56.2% H.20 13.5%

Galena 48.2oz 71.9%

12. 4. 20.

#1

Face Sample Swede Stope 6th set South & west 2nd floor

21.0oz 19.4%

#2

Same as number 1

22.1oz 22.2%

3

Grab Sample of Brown iron and Galena ore Swede Stope 1 south & west

13.0oz 26.8%

4

Face Sample 300 Level 1st north of No 7 Shute 2nd floor.

37.5oz 31.4%

5

Tunnel Level 100 feet right Brown and

2.0oz 7

Tunnel Level 100 feet left Brown iron under high grade

2.2oz 6.1%

7

Face Sample white mixed hard ore under 14 manway 5th set high

24.5oz 22.6

#8

Ore Sample seed stope south end over manway

11.0oz 20.

#9

Ore Sample between 13-14 shute 4th set above Tunnel Level

18.0oz 9.6%

#10

Ore Sample Wing Drift face but going West

12.2oz 12.6

Pin Sample 15.5oz H.20 12.2% 29.0 45%

12.5.20

#1

Grab Sample 300 Level 1st set north of No 7 Shute 2nd floor

38.4oz 25.9

#2

Soft Quartz Swede Stope 5

3.0 oz 12.6% #3

Hand Block from Swede Stope

5 South 5 west 2nd floor

12.5 oz 19.2%

#4

North Face Sample Swede Stope

6th set west of Swede Shute

4.6 oz 45.5%

#5

West Face Sample Swede Stope

6th set west of Swede Shute

25.0 6.2%

#6

Grab Sample ore no 12 Shute

Sill ore.

28.0 oz 19.2%

#7

Ore Sample swede stop south end

25.2 oz 5.18%

#8

Ore Sample swede stop north end

8.2 oz 18.5

#9

Ore Sample ore shute 7 Bronna

15.0 oz 18.5

#10

Ore Sample Cutting shute 13-14

Back from tunnel level

21.5 oz 19.0%

Ore Sample 25.2 oz 33.3%

H.20 13.0 oz

#1 Silver Lead

Ore Sample from Stope South Crown

#2 21.0 29.6

Ore Sample light brown stope

14.0 18.1

Ore Sample #3 hard black

13.5 26.2

#4

Sample swede stope floor face

12.0 17.5

#5

Ore Sample from swede stope

lower set by Manway hill floor

#6 8.0 19.42

Tunnel Level winze cave on

shaft. 3 ft cut in west Ledge

#7 5.0 oz 9.8%

Tunnel Level winze 2 ft cut 3 ft

in west Ledge on Footwall (Cave South end

#8 6.0 8.6

Tunnel Level winze 4 ft cut on

foot wall of cave shaft Notes

#9 6.2 12.5

Tunnel Level winze 4 ft cut

on foot wall of cave

10.0

Grab Sample of fill in Winze
Drift Bottom of Cave
7.0 oz 98%

#11

Sample in little hole in
Foot wall in Cave Winze
drift. 10.2 26.5

#12

Grab Sample pile ore in Winze
drift
6.0 12.9

Box Sample 2 3.0 27.7
Mo 15 + ore 14%

12 — 7 — 20

#1

Ore Sample west stop going North
3.0 oz 8.69

#2

Ore Sample Raise between 10 & 11 shute
16.0 24.7

#3

Ore Sample over 9 shute
26.0 25.2

#4

Ore Sample between 13-04 & shute
21.6 20.7

#5

Swede Stope Grab Sample 8 South
Hard Ore
13.6 31.4

#6

Swede Stope 1st South of wed
Shute Face Sample
6.5 37.7

#7

Dark red clay Head No 12 Stope
8.5 oz 7.3%

#8

Black iron head no 12 Stope
3.2 oz 3.8%

Box Sample
78.5 oz 21.6%
17.0 13%

19 — 8 — 20

Ore Sample Winze at foot of
Ladder in bottom of Winze
3.5 oz 6.3%

#2

Ore Sample same as No 1
2.5 oz 5.7%

#3

Ore Sample Grab out of pile of ore in Winze
9.2 oz 13.2%

#4

Ore Sample out of Winze Light Brown Ore
12.1 oz 16.1%

#5

Ore Sample Winze Light Gray Talking Like
of hornblende
10.9 oz 8

#6

Brown chert on Foot wall
1st set north No 1 shute 3 floor
300 ft Level 25.5 oz 5.5%

#7

High grade ore in top 300 Level
1st set north No 2 shute 3rd floor
25.1 oz 26.8

#8

Swede Stope 4 South 1 west
5 north Grab Sample Brown
#9 4.2 oz 13.1%

Brown ore Streak 300 Level
3rd set north of northwest shute
3.6 oz 5.7%

Ore Sample 21.1 oz 38.0
H.D. 12.5%

Ore Sample Swede stope going
north 20 ft set from the east
20.0 oz 36.7%

#2

Ore Sample south side
Winze north in swede
10.0 oz 39.7

#3

Ore Sample raise 4 south
Brown on foot wall
20.0 oz 5.3%

#4

Ore Sample Winze south
Brown Ore 6.0 oz 9.2%

#5

Heavy Brown ore
in Winze foot wall
14.9 oz 9.8%

#6

1st north of
Brown ore Stope 7 300 Level
3 floor 23.1 oz 28.8%

#7

Swede Stope 8 set south 3rd west
2nd 3rd north 20.5 oz 25.5%

#8

Swede Stope 4 South 4 west
3rd north Face Sample
16.0 oz 32.5

#9

Black iron & wede Stope
1st set South west shute
3.8 oz 4.2

Col. 30.0 oz 22.2%
H.D. 13.0%

12-10-20

Brown Chlorite next to Lime hanging Wall in Face of Winze 9.2oz 9.7%

#2

Dark Brown between foot and hanging Wall in Winze 8.5oz 14.5%

#3

Carbonate Grey under Brown sample same as sample No 2 Winze 17.5oz 25.34%

#4

Gray Lime Decomposed on Hanging Wall Winze 7.6oz 14.8%

#5

Light Brown + Gray Streak in Raise 14.2oz 19.6%

#6

Ore Sample Gray Quartz in Winze foot Wall 11.0oz 27.01

#7

Lowest Stope 4th north 6 west 2nd floor Gold Quartz 10.2oz 27.7%

#8

300 Level Raise 50 ft South and Shutes Brown Iron 24.5oz 18.3%

#9

Drift under 14 Mainway 9.5oz 8.

#10

Snow White free milling face of Drift Winze 14.1oz 49.9%

#11

Blue Spotted ore in top face of Drift Winze 29.2oz 45.14

B.S. 30.6oz + 120. 11.5% 37.5%

Special 11.0oz 39.77%

12-11-20

#1

Ore Sample North end wood stope 12.0oz 29.2

#2

Ore Sample south end of ore wood stope 28.5oz 31.4%

#3

Ore Sample Raise 7 Brown 22.0oz 16.28%

#4

Ore Sample Winze Chlorite Face 29.0oz 32.9%

#5

Ore Sample Brown in Winze Face of Drift 3.5oz 4.

Grab Sample. Winze drift Face
6.00 oz 8.6%

#7
Dark Brown Iron Spotted
drift under No. 14 Tramway.
#8 3.2 4.4%
Swede Stope 4th South 6th west
7 north Brown Ore Face Sample
#9. 12.63 24.0%
200 feet Rise 50 ft South west
Shute Face Sample
#10 22.0 20.3%
Face cut in Drift East
side (Winze) Lime
1.0 0.6
Box Sample
23.6 oz 25.9%
H_2O 14.0%

12 — 19 #1 — 20
Sample Dark Iron Stope
2.0 1.0%
Sample in #2 Face Winze Cut
9.0 15.5
#3
Sample Quartz 10 feet from Face
in Winze foot Wall
11.0 22.1%
Close Sample #4 Raise 7 cut
10.6 12.9
#5
Sample Raised Stope Grab
10.0 24.1
Stope No 2 Light Brown iron
3rd floor north Set foot wall
#7 3.0 7.4
Winze drift Face Sample
3 ft entrance way + 2.0 1.0
#8
Winze drift 6 ft North of Face
5 ft cut west side
#9 3.6 0.8
Winze drift 10 feet from face
5 ft. cut west side
3.7 3.0

10

Underdrift 12 feet from face Lunde
way of drift 4 foot cut top of drift
11 20.6 46.3
Wings drift new cross cut to
west underdrift set 40 ft
South of wings (5 ft cut)
8.0 37.0%

~~12-13-20~~

Box Sample
18.0 24.1
$20 13%

12-13-20

12—13—20
#1
Ore Sample Wings West Drift East
8.2 oz 12.8%
#2
Ore Sample Brown Lost Mohstope
Lower #3 30.0 oz 23.1%
Ore Sample Raise 7 Morning
#4 7.5 oz 6.66%
Ore Sample Sweet Stope South
Drift Face
#5 5.5 oz 6.9%

Ore Sample Raise 8.0 oz 22.7%

#6
Ore Sample Swede Stope
15.2 oz 33.5%
#7
North End wings
10.6 oz 22.4%
Ore 19 oz H.20 14.2% 29.6%

12-14-20
#1
Ore Sample Wings
Face going North
6.0 oz 16.65%
#2
Ore Sample Raise in
stope 7 Brown Lg Lo ore
5.0 oz 9.25%
#3
Ore Sample in sweet
stope going south
in face of Drift
17.0 oz 45.

4

Sample of face South Drift Swede Stope 7.5oz 19.6%

5

Grab Sample from Swede Stope 12.1oz 27.9%

D.S. 36.0g H20. 10.5g 37%
12 – 15 – 20

1

Ore Sample Northe end of Winze Bottom level shaft 22.3g 23.1%

2

Ore Sample Raise 1 Light Brown Ore over stoping 17.0g 16.5

3

Ore Sample South face Swed stope 4.6g 22.2%

4

Ore Sample North face first floor above Track Level – swed stope 5.2g 7.1%

5

Sample the face of South End Swede Stope 22.5g 48.2

6

Grab Sample North end swede stope 21.5g 28.8%

7

Sample from North end of No 1 stope 4ft wide 32.1g 24.8%

8

Gray streak on foot wall north end of No 7 stope 1st floor 31.6g 24.2

D.S. 15.1g H20. 3.8g 28.6%
12 – 16 – 20

Ore Sample #1 1st floor swed stope 20.1g 30.5

#2

Ore Sample North face 2nd floor 31.5g 37.7

#3

Ore Sample face Outbrued stope 29.5 18.5

#4

Ore Sample Winze Foot 11.2g
Brown Lime 13.9 5.

#5

Face Sample of winze drift North
Brown ore. 8.1 oz 17.5%

#6

Swede Stope Face Sample
Face on Hanging wall Stope

#7 5.0 14.7

Face Sample South drift
Swede Stope 8.5 17.2

#8

Stope No 7 Face Sample 3rd
floor North Side

26.5 oz 15.5%

Box Sample
15.5 oz 28.6%
Moisture 14.2%

12-17-20

#1

Ore Sample Winze Hanging
Wall Brown Ore
10.0 oz 9.25%

#2

Ore Sample Sweed stope
Shift South Face Dark Brown
13.5 oz 5.55

#3

Ore Sample on Top of Raise
in Sweed stope
8.0 oz 28.

#4

Ore Sample 2nd floor in
sweed stope going North East
7.0 oz 17.9

#5

Stope 7 Face Sample 4th floor
2nd west West
13.2 oz 18.5%

#6

Stope 7 Yellow ore 4th floor
2nd west South.
20.1 oz 17.9%

#7

Swede Stope South drift
Yellow Sil. ore in Face
3.2 oz 7.25%

#8

Swede Stope South drift
Dark Brown iron Stain Face
16.5 oz 14

#9

Swede Stope 8th set South 4th
north 3rd floor Footwall Brown ore
B.S. 21.43 oz 20.145% 22.3% 4.1 oz 14.24%
Control 162
12 — 18 #1 — 24.0 oz 34.7%

Ore Sample Raise 2 North end
15.5 oz 14.8%

#2
Ore Sample swed stope Raise
Over Chute 8.0 oz 16.6

#3
Ore Sample in swed stope
2nd floor Face going North
7.0 oz 12.9%

Ore Sample Winze #4 Light blue
#5 4.3 oz 18.5%

Ore Sample Winze Brown Ore
in fole Drift going North
17.2 oz 27.9%

Swede Stope 8th set South
4th west 2nd floor
#7 14.5 oz 28.5%

Swede Stope 1 South 1 West
2nd floor
8.0 oz 18.9%

Swede Stope South Drift
Face Sample
9 13.1 oz 22.2%

Swede Stope South Drift
Grab Sample
16.0 oz 22.6%

B.S. 24.0 oz 21.6%

1.5.21

Swede Stope cave 2nd set
west of Jack White Raise 2nd
floor Footwall Brown Iron 4th cut
2. 8.0 oz 5.7

Same as No 1 White Talc
over Brown Iron
3 4.0 oz 6.4%

Brown Iron Swede cave
4th set north 2nd floor from
Jack white Raise 4th cut at the
north End of cave 12.5 14.6%

4

4th foot cut East and west 1st west 4th north 2nd floor from Jack white Raise North End of Cave.

5 46.2 oz 7.4%

Brown Iron ore South End of cave Swede Stope 1st west 2nd north 2nd floor

14.2 20.3

6

S Stope 7 Light Yellow ore in Raise over Stope 7

7 14.6 24.2

Same as no 6 Brown Iron ore.

12.6 oz 22.2%

1-6-21

Ore close to hanging wall in North Drift in bottom of Winze

#2

Filling in cave in north drift in bottom of Winze

#3

Cut down side of west crosscut in South Drift in bottom of Winze.

#4

Grab of fines in shute #7 Mostly mud.

#5

Cut down streak in west drift on 300 level.

#6

Ave of Mill ore in S. end of cave under long sill in S. end of Big cave swede stope.

7

Swede Stope Joe Whitford Raise Brown Iron

8

Raise Bitumen Swede Stope and Cave Brown Iron

#1

9 ft cut down foot wall
Streak on hanging wall
East from S. Shute.
3.0 g. 3.8 ozs.

#2

2 ft cut in top of drift Mixed
Ore & Lime ones Big Holes on
West side of Drift 10 ft south
from #1 sample
4.5 g. 3.9 ozs.

#3

Ore in top of Drift about 10 ft
from sample #2.
12.5 g. 10.3 ozs.

#4

Grey Carbonate S of top of shute
my new Raise in Indian Way
14.1 g. 15.7 ozs.

#5

Iron & Lime Dark Brown & blue
in hangingwall New Raise
5.1 g. 1.3 ozs.

#6

3 ft North from Sample #5 S of
Grey Carbonate
5.5 g. 0.7 ozs.

#7

Grey Lime looking in Hanging
Wall in New Stope 6 ft up from
#6 sample
6.7 g. 2.4 ozs.

Sample #8

Hard Iron Lime looking
into Quartz ridge
in New Stope Very dead
looking
8.5 g. 4.7 ozs.

#9

Hard iron south side of
Raise Shows a little Galena
44.1 g. 28.6 ozs.

#10

Cut down back Brown Ore
off cut 1 ft. Good ~~Bat~~
in top of Raise S.
18.0 g. 10.1 ozs.

Quartz with Galena spots
from Winze. Dobs special
147.5 g. 32.3 ozs.

Open in Top of drift North from Hanging wall Raise. 14.1 oz. 13.5 %

#2

Filling in North side at Top of shute in foot wall Raise. 6.0 oz. 2.0 %

#3

Filling on North side Quartz & crush in Foot wall raise. Six ft above Sample #3 5.8 oz. 1.8 %

#4

Carbonate in Jug Hole on North side of Foot wall Raise. Six ft up from #3 4.0 oz. 4.2 %

#4

Hard rib 2 ft above Sample #4. 24.8 oz. 32.3 %

#6

Cut down back on Top Dark Brown on 6 ft cut. 8.0 oz. 8.9 %

#7

Cut down Back in Top of N.W. Raise above sample #6. Dark Brown. 10.8 oz. 12.9 %

2/18/21

No 1

6 carbonate Ore Spotted with Quartz. South end of drift at face. Hanging 1.0 oz. 0.8 %

No 2

Cut across top, face and sides across at from south end of drift facing east Hanging 4 feet from 0.6 %

No 3

12 in steep of the North end. of drift Hanging Carbonate Ore 1.5 oz. 3.7 %

Sample of North end of face Mixed Carbonate Ore with Pave 1.0 oz. 0.5 %

No 5

4 ft cut across top of face of wall Raise 20.0 oz. 9.5 %

No 6

Sample of fill 6 ft from face on South side of Wall Raise 2.2 oz. 0.7 %

No 7

Sample of fill 10 ft back from No 6 South side of wall Raise 6.0 oz. 5.1 %

2/22/21

No 1.

Lime Sample spotted with Galena. Face of drift South. 1.0 oz. 1.9 %

No 2

Sample of Quartz and leached Fe Ore. of Boulder. 0.0 oz. 3.8 %

No 3.

Sample of yellow Carbonate Ore of Boulder 29.2 oz 11.8 %

2-22-21

Ave. of Broken Ore from shots

#2.

Grey decomposed on West side of Raise going for hanging wall

#3

4 ft cut down back on E. side of raise to hanging wall

#4

4 ft cut down North side of raise to Hanging wall.

#5

18' streak Grey streaks thru brown on North side of Raise to hanging wall,

#6

Looks like grey Carbonate on N. side of Raise to hanging wall

#7

Special Black & Brown hard Iron.

2-22/21

Carbonate Shows Galena on South Side of Hanging Wall Raise

2.0 oz. 22.4%

#2

Brown streak with yellow spots in it next to Hanging wall.

6.0 oz. 0.3%

-3-

Sample of face of Raise from wall raise. 5.5 oz. 2.95%

-4-

Sample of Ore pile Raise

5.2 oz. 2.3%

-5-

Sample of Lump from Scottie Drift at face. Galena Ore

65.0 oz. 38.0%

2/24/21

Heavy streak on ft Wall Galena & copper.

77.1 oz. 38.9%

#2.

Same as #1. Ore. Broke Down.

76.2 oz. 32.3%

#3

Yellow Gang next to ft. Wall streak with copper in it. 1 ft wide

2.5 4.14

#4

Hard brown over yellow streak half way face dead looking.

14.0 oz. 8.1%

All samples from Hanging Wall Raise.

#5

Black Jasper looking. Mixed in brown.

13.1 oz. 11.4%

#6

Light brown over Dark Brown 18" wide.

4.9 oz. 8.1%

#7

Ore of Ore Broke going to mill.

10.0 oz. 7.6

Sample of yellow and
Brown ore South Drift
face Sample 22.0 oz. 11.9%

#9

Special sample at face
Yellow ore streak with
Galena. 40.6 oz. 31.5%

3/26/21

No 1.

4 ft cut of Brown ore Cross
cut from wall raise
5 ft in East side.
12.0 oz. 5.0%

#2

cut down Back where raise
goes from ft Wall to Footwall
5 ft cut,
~~#3~~ 9.5 oz. 5.3%

#3

5 ft up raise from #2. cut
down So side of Raise
4.0 oz 4.75%

#4

5 ft up raise from #3 cut
down south side of Raise.
#5 6.5 oz. 7.0%

5 ft cut up raise from #4 cut
down south side of Raise
#6 9.5 oz. 4.4%

5 ft cut up raise from #5 cut
down south side of Raise 6.0 oz. 5.3%

#7
5 ft cut up raise from #6 cut
down south side of Raise 13.1 oz. 5.3

5 ft cut #8
up raise from #7
down south side of Raise 7.0 oz. 8.9%

5 ft cut up raise ~~from~~ raise
#9
from #8 down north side of 7.0 oz. 3.5%
Raise

#10
Galena Sample ~~at face~~ take
from south side of face 55.0 oz.

3/1/26

#1

cut of Light Brown in W. Drift
shows Selenia: On ft Wall
New Raise 8.0 z. 9.04%

#2

cut of Dark Brown over
#1 Sample 10.0 z. 9.04%

#3

cut of streak 2 ft next to
hanging wall. over #2.
4.1 z. 4.75%

#4

Large ft cut down North side
of Raise 8 ft from face
2.0 z 2.0%

#5

Light Red Iron in face
of Main Tunnel level,
about 12 ft from where we first
struck 6.1 z 17.1%

#6

cut across Top 2 ft streak
no level. 8.5 z. 31.3%

#7

Light Sandy looking Time
Selenous Grit
3.4 z. 26.6%

3/4/21

Two cuts down on
Hanging wall in cave
1.8 z 400 Level 14.4%

Light Red #2 with Selenous spots
4.2 z #3 400 Level 22.4%

Pink sample white & Brown
same place 400 Level
8.1 z #4 28.0%

Grab of Muck pile 400
7.1 z #5 7.0%

ave of face 10 ft from
cave. 400 Level.
14.0 z 16.0%

#6

Dark Brown in Top of
Drift over sample #5. with
selenous spots.
36.0 z #7 22.8%

Ave of filling in Sand of
cave.
3.0 4.0

3/10/21

Ore of Talc in Top of E. Raise

1 oz 4%

W. #1

cut down side of shale 3 ft cut 400 Level

8.0 oz 6.0%

#2

Ore over shale

33.6 31.2

3/11/21

3 ft cut of Brown Ore in Mouth & Fwd #2 Wall Raise

10.0 oz. 28%

#2

7 ft cut thro Ore on West side when strike shale on hanging wall Raise #2

40.0 oz 27.0%

2 ft Brown North Dip Wall Raise

4.0 oz. 4.0%

North

1 ft Stak in Tip N. Dip wall Raise

60.0 oz. 30.2%

No. 5.

Cut up West side and over top to hangwall. North 12 ft Wall Raise

21.5 oz. 12.0%

#6

1 ft Stak on Hanging wall Face of drift 400 level

20.0 oz. 14.0%

#7

Cut down West side of Main Tunnel. Shale

0.4% 1.0 oz.

#8

Brown Iron in top of W. crosscut Main tunnel level

17.0 oz. 14.1%

3/16-21

Red Ore close to hanging wall North End Wall Raise #2

6.0 oz. 29.4%

#2

Light & Stak Brown with Siliceous spots in North End Wall Raise #2

8.0 oz. 24.2%

#3

Dead Hard Iron West side Wall Raise #3

11.5% 10.6 oz.

#4

Guy Carbonate West side Hang Wall Raise #2

17.5 oz. 34.4%

#5

cut Iron ft to hanging wall Raise #2

36.5 oz. 43.2%

Filling from top of ore in Hanging Wall Raise #2

22.0 oz. 18.8%

3 ft cut on #7 wall under Ore Hanging Wall Raise #2

36.0 oz. 18.0%

#8

Dead Iron & Lime West side Hanging Wall Raise #2

2.0 oz.

3/19/21

#1

Dark Brown Ore between H. Grade & Low Grade Foot Wall 18 in Cut Lewis raise #2

-2- 15.0 oz. 16.0%

Lewis raise #2 cut across South end Grass Mill Ore

#3 21.0 oz. 25%

~~Average Ore 18 in Streak in Lewis raise #2 in top~~

#4 #3

Average Ore from hanging to foot wall H. Grade and Low Grade Lewis raise #2

21.0 oz. 24%

#4

Brown Ore 18 in streak Lewis raise #2

#5 20.0 oz. 22.8%

Galena Ore Lewis raise #2

#6 57.3 oz. 54.0%

Cut of shale south side 6 ft cut 15 ft from face Tunnel level.

#7 1.6 oz. 1.0%

S. W. Galena 51.0 oz. 43.0%

3/24/21

#1

Cut across North end Lewis raise #2

#2

Cut across South end Lewis raise #2 Mineral

11/26/21

#1

5 ft cut of face So. West side of drift. Wall raise Mixed ore

#2 15.0 3. 4.8%

~~Cut~~ 3 ft above #1 drift from north raise 15 ft from raise

#3 15.1 3. 8.0%

Lenses of mixed ore and H. G. both ores to gether

#4 69.0 3. 37.4%

cut down Black ore with yellow spots in it Lewis Raise #2 3.0 3. 23.0%

#5

Hard Black Iron ore hanging wall. Lewis Raise #2

17.0 3. 18.4%

#6

5 ft cut down ft wall. Shot line Lewis Raise #2 5.0 3 16.0%

#7

cut down hanging wall Gray ore Lewis R. #2

1.0 3. 16.6%

#8

cut across north end. Lewis Rais #3. 12 ft up.

S. 5.5 3. 30.4%

#9

Gray Lime ore hanging wall Lewis Raise #3.

3.0 3. 8.0%

#10

5 ft Cut with West and. ft. Get bottle. 10.0 3. 19.0%

Ore bottom under #9 stope

11/29/21

#1

Galena in North cross cut on top Lewis Raise #3.

8.0 3 39.0%

#2

Black Iron shows little Galena. Lewis Raise #3

4.2 3 3.7

#3

cut Down E. Side 8 ft N. from Crosscut under Lewis Raise #2

12.0 3 10.0%

#4

Cut Down face E. Cross cut under Lime Rock #1

3.0 oz 12.6%

#5

Cut down West side Between Lime Raise #2 & W crosscut

21.0 oz 22.2%

#6

2 ft cut across Top East of W. Crosscut.

32.0 17.6

#7

cut from Lime to shale in West crosscut face

19.0 16.2

#8

Cut across Top 8 ft from ~~#6 cut~~ Sample #6, South

5.0 oz 26.0%

#9.

2 ft cut across Top 8 ft S. from #8.

34.0 oz 24.0%

#10

Ave of 2 cars of ore on dump.

22.2 oz 34.0%

4/14/27

3 ft cut in #1 bottom under #6 shute 400 Level

12.5 oz 23.4%

#2

1 set S. of #1 Sample in bottom 4 ft cut 400 Level

30.0 30.0

#3

Quartz Iron & Talk under #8 shute 400 Level

6.0 oz 9.2%

#4

Streak in face of Drift 400 Level.

17 oz. 24%

#5

~~Brown Shale~~

Ave of streak in Top in E. Raise. 10 ft up in incline.

3.0 oz. 8.1%

#1

Black Spongy Iron very well Banded
15.58 oz 11.71%

#2

4 ft cut down W. side of Raise
6 ft up from top of Stiff Floor
S. Stope 3X Shute.
30.20 oz 22.46%

#3

Mill Ore W. side 4 ft over #2
Sample
#4 7.34 oz 7.10

5 ft cut down S. side of Raise
accross from Sample #2
36.14 oz. 21.60%

#5

Grab of fines from bottom of
Shute S. Stope #3 X Shute
15.18 oz 11.52%

#6

Hard Brown dead Looking
lies on top of Gray Carbonate
#3 X Shute 27.50 oz 25.34%

#7.

Dark Ore with Crystals in
Clearige.
51.80 oz 22.84

May 19-21

#1

Brown Iron Pittywell Lunit
6" streak on hanging wall. S.
South Stope. #3 Shute
8.80 oz 2.88%

#2.

Black Iron with White & Grey
mixed in it S. Stope #3 Shute
#3 63.82 oz 29.76%

2 ft of Carbonate lays on
waste on ft wall Galena
streaks shows S. Stope #3 X Shute
S. #4 32.24 oz 32.46%

4 ft cut Between Carbonate
& hard Black on hanging wall
S. Stope #3 X Shute 11.16 oz 15.17%

#5

Mill Ore Mixed with
Fine S. side of Raise S. Stope
#3 X Shute 11.80 oz 8.83%

#6

Galena Pick sample
S. Stope #3 X Shute
76.24 oz 77.95

May 16-21

Washed down with water under
#1 Raise 6.68 oz 13.63%

#2.
Bunch of Lime in ore in M. face
1 set up from 3X shute S.S Tope
4 00 Level 17.42 oz 10.56%

#3
2 cuts thro carbonate under Sample
#2. Same place 35.60 oz 27.65

#4.
cut of hard ore on top of Lime
same place 22.94 oz 26.69%

#5
cut of full face from hanging
10 ft. North ~~side~~ Face 25.10 23.23%

#6
cut full face of Ore S. ~~side~~ face
1 set south from 3X Shute Mostly
hard ore 27.10 17.58%

#7
Mill day M. face light Brown
very dead looking 10.46 oz 14.59%

#8.
Hand Specimens Black Slow
with like ore spots in it
5.74 7.29%

May-20-1921

#1
Cut of mud North side 50 ft
wing 4.00 oz 6.33%

#2
Cut of high grade North side
50 ft wing 20.58 oz 35.90%

#3
Check on #2 - Cut about 12"
above #2 - 50 ft wing - N. side
18.60 oz 28.03%

#4 - Cut of first 4 ft on So. side
50 ft wing 4.32 oz 24.57%

#5
Cut of 2nd 4 ft on So. side
50 ft wing 19.22 oz 31.10%

#6
Cut of 3rd 4 ft on So side
50 ft wing 5.18 oz 6.91%

#7
Cut of 4th 4 ft on So side
50 ft wing 10.48 oz 5.66%

#8 Cut of 5th 4 ft on So side
50 ft wing 9.68 oz 7.01%

#9
Cut from top to bottom in 2d Stope at end of tunnel 50 ft Venze
2.70 oz 2.78%

#10
Cut from top to bottom right of #9 150 ft venze
#11 1.24 oz 1.44%

4 ft. cut under High Grade M. drift in top of Lewis Raise 20 ft from raise.

May 22–21

#1
Grab of Cars of ore Piled on dump. out side
Ag. 4.20. Pb. 13.63

#2
Grab of Pile in mine Mill Ore. 6.92 oz 19.77%

#3
Streak of Lime in face 400 Level. 10.20 oz 17.47%

Brown surface 400 Level
1.94 14.73

#12
Streak of Carbonate in Raise. 12.00 oz 8.44%

May 23–21

Grab from cars out of 8X Shute S. Stope.
#2 31.62 oz 29.18%

Streak on top of bunch of Lime in Raise 8X Shute S. Stope 18.60 oz 26.30%

#3
Brown band drop over #3X Shute S. Stope 4.00 4.60

#4
Grab of ore Piled along track out side 6.20 18.62

#5
Little Streak in N.W. side of S stope
16.06 oz 13.44%

May 23

#6

Left in raise South End. 14.90 oz 9.60%

#7

Foot wall side & stope 25.20 15.74

#8

From Pike 3rd & stope 41.36 oz 29.84

May 24

#1

From Foot Wall side & Stope. 30.06 oz 19.97

#2

Brown in center 7.02 oz 7.49%

May 24 - 21

Tiny from Lime. a 2 ft streak next to Hanging wall in 1st mouth from #3X shute S. Stope

#2 11.80 oz 8.25%

Same as #1 Lime Boulders. Coved

#3 7.70 5.95

Cut from Hanging wall to ft Wall leaving out the Yellow over #2X shute S. Stope

20.00 oz 22.65%

#4

Yellow dead looking with white spots in Clevage over #2X Shute S Stope 7.40 oz 10.17%

#5

3-2 ft cuts on top of bank lime looking very silicious on 1st M. of #3X Shute in top of cave 2.88 oz 19.97

#6

On in face & on side 4 ft back in M. Drift from Wall Raise.

#7 55.60 oz 31.87

Brown dirty looking on W. Side next to Top in M. Drift from Wall Raise 11.66 3.26

#8

Grab from Shute Wall Raise 50.72 oz 34.56%

May 25

#9

From Streak of ore in Raise.

40.44 oz 23.04

#10

Drift along Drift

4.24 oz 1.16%

May 26 - 21

#1

Light Brown Spongy very light. over #2 X Shute S. Stope 400 Level

#2. 19.46 oz 21.69%

2 ft Streak standing on edge over 2 X Shute S. Stope Lime looking Shows Little Ore.

9.4 oz 16.13%

#3

3 ft cut W. from Hanging wall hard Siliceous, Light Coloured over 8 ft in top from #2 X Shute S. Stope

#4 2.56 20.73

4 ft cut from E end of #3 cut to fit wall line with Brown Spots in more Decomposed than #3 samp.

+ 23.86 oz 20.93%

#5

18 in cut next to Hanging wall same Place as #3 and #4 samples.

2.44 oz 31.49%

#6

6 ft cut ~~[illegible]~~ angling on side of ore Chute.

#7 29.94 oz 24.19%

Streak up in fisher on foot wall side in raise.

#8 29.48 oz 12.48%

Grab Sample on Corner of Mill Ore

13.39 oz 9.51%

#9

Best looking Spots in Mill ore Bater.

15.34 oz 12.39%

#10

Streak of brown Carbonate next to good ore at N of 3 X

34.46 oz 23.42

#11

Streak of Brown with blue Spots in it.

5.44 oz 1.15%

May 28-21

Left out down face of cave yellow
Left Galena spots running in
ft over 2X Shute S. Stope
#2. 33.72 oz 30.72

Honey combed ore with Black
spots. thro ft over 2X Shute
S Stope.
20.84 26.88

#3.
Colored lean Boulder Dark Brown
very Light over 2X shute S Stope
2.04 1.73

#4.
2 cuts down Dead looking Drow
red yellow Lime over #2X
Shute. S. Stope.
14.60 13.63

#5
Light Drow with water opaque
Stope ore thro ft very Light
Between 3X & 2X shutes S stope.
#6 12.64 3.84

Streak of ore in Raise
32.32 26.49

#7.
Mud Around ore in Raise
between Both streaks.
#8 4.68 2.30

Strike 18 inches wide as
Hanging Salbrons are hard.
#9 1.34 32.83

Brown Spotted with white
in center Stroke 2 ft wide
#10 8.92 15.34
yellow next to foot wall.
5.44 20.92

May 28-21

Grab from wall Raise Shute.
#2 34.82 oz 19.58%

Dead Drow shows Galena Between
2X & 3X shutes Mixt to gang on
ft wall.
#3 13.24 oz 34.19%

Strong yellow with iron
spots in wall raise.
#4 0.96 oz 0.77%

Streak of ore in south
end of wall raise
58.24 20.30

#5
3 ft Cut light Colored with
Brown Spots over 2X shute
#6 4.82 oz 7.68%

Two foot Cut on South side
of 3X Shute. 24.60 oz 27.45%

#7
18 inch Cut from center drow
and light Colored ore above 3X
#8 28.34 20.16

Brown Carnet on foot wall
side above 3X Shute.
46.62 32.45

May 29.

#1

Brown Ore next to foot over 2X Shute.

#2 5.70 3 16.32%

Stripe of 18 inch of ore in Horse.

May 29 11.08 3 45%

#1 8 ft Wall 1 set N. from 2X Shute South stope.

26.86 3 28.99%

May 30-31

3 ft cut in center in top of cave over second set North from 2X Shute S. Stope Brown & yellow ore with grey spots in it

4.80 3 22.08%

Red with ~~lime~~ Shat lime in 18" streak on ft Wall. West to ft Wall from #1 sample

16.10 3 21.50%

#3

2 ft cut Next to hanging Wall Carbonate East from #1 Sample

1.76 3 23.61%

#4

Ore back in Hanging Wall Behind sill 2 set N. from 2X Shute S. Stope.

7.26 3 24.96%

#5

Cut from hanging to ft wall over #3X Shute S. Stope fin top of 2nd set up.

33.56 3 24.96%

#6

Pile of what went in shute.

8.52 3 17.28%

#7

One foot streak next to hanging Dark brown with yellow Cast.

5.04 3 18.81%

#8

Center 3 ft strip from brown to Carbonate on foot

4.56 3 17.76%

~~#9~~ Red with Short lime in 18" streak next to foot

8.04 3 20.54%

May 31-31

Grab from #3X Shute S. Stope.

36.64 3 24.57%

#2

Brown shows little Grey streak of Carbonate over 1X shute S. Stope

5.34 3 19.01%

#3

cobed from Bolder Red Brown + Lime Between 2X + 3X Shute

10.52 3 7.93%

Streak of Ore next to
hanging Wall over 1 X
Shute S stope 4.72 3 34.37%

#5

Streak of ore in Wall Rock
60.24 3 43.20%
June 1st 21

#1

brown under streak of
ore in wall rock.

#2 6.74 3 2.09

Light Colored with
Clarite Specs one set
South of 2 X Shute

#3 10.60 3 20.52

Dark Brown Spotted
with lime next to
hanging. 3.20 22.64

#4

Red next to 2 X Shute
about 4 feet from hanging
wall.

#5 4.72 3 13.37

Very Silicous next to
hanging. 5.84 3 23.75

#6

Fine yellow next to
the hanging wall over
1 X Shute

Copper 9.46 3 32.30%

June 1-21

Hard black Iron casing to
Silicous ore Between 1 X & 2 X
Shutes S. Stope

0.98 11.40%

#2

Grab of fines from silicous from
#1 X Shute, S Stope

2.42 3 13.68%

#3

Light Brown shows little Copper
Between Silicous ore & ~~White~~
yellow talc. Between 2 X & 3 X
Shutes S Stope

0.46 16.03

June 2-21

3 ft cut of Brown silicous
one foot from hanging wall
Between 2 X & 3 X Shutes and
up 4 North 8.60 20.54

#2

Red Iron with Grey spots in
my first set North from 3 X
Shute 2 sets up from Tunnel
Level

#3

Left streak of ore next to hanging wall 4 ft over top #1 X shute S Stope

11.50 27.0

#4

Mill ore under streak of ore next to hanging wall over 1X shute S. Stope

2.78 17.95

#5

Grab from #3 shute. Second grade ore. S. Stope

7.62 17.95

#6

Grab of fines from Wall Rose Shute

7 22.34 16.31

Dark brown Stolbet with white dots sets north 25' Shute

#8 3.42 14.59

Streak of red next to hanging over 1X Shute.

9 12.42 21.49

Red Stolbet with lime just north of 2X Shute.

10 2.74 13.23

White clay looking ore set from 2X shute

1.12 5.74

11

Grab from South Rise

5.12 20.35

June 3 - 1921

#1

6 ft. cut down Hangin wall over South foot in Mariway South Stope between 3X & 2X Shutes

Copied

9.36 21.87

#2

Cut from Hangin to Foot wall South Stope 2nd cut south of 3X Shute 2nd floor

28.20 23.23

#3

5 ft cut down Hangin wall 6 feet north of #1 Sample cut.

7.80 25.34

#4

South Stope cut from Hangin to Foot wall over 2X Shute 3rd floor.

20.10 22.46

#5

Same as no 4 — 6 ft cut from Foot wall toward Hangin.

22.88 17.28

~~#6~~

~~Grab Sample from Rose~~

June 6, 1921

#1

Pile of eight Cars from 3X Shute 30.06 28.99

#2

from wall to wall on set South of 3X shute. 29.10 27.26

#3

from Cars run from wall Raise. 42.34 31.87

#4

Brown Skunny ore very light next to best streak in wall Raise. 26.04 42.24

#5

18 inch streak of iron loaded with black slate in wall raise. 16.52 8.06

#6

Grab sample of pile at south no 3X Shute 2nd floor South Office 22.80 26.69

#7

Same as #6 Black iron 4.82 3.84

#8

Same as No 6 Spilled Shute line 18.22 17.28

#9

Two samples from foot wall Tunnel under 5th cut over 2X Shute South 14.48 15.17

#10

Short line on Hanging wall over 3X shute 7.78 10.56

#11

Two samples of High Grade Gulf Raise 22.72 27.84

#12

Two Samples of Low Grade Gulf Raise 18.92 11.7

#13

Two Samples Gulf Raise 28.36 25.73

Off Sample

24.50 % 26.63 %

Grab from fines in Ore House 22.24 % 21.12 %

June 7, 1921

Pile of Short Line on ft wall set North of 2X Shute. 8.40 % 17.47 %

#2

3 ft cut of Yellow + Brown Lays on top of Brown Ore on ft wall. set South 2X Shute on top 30.88 % 22.85 %

#3.

2 ft streak of ft wall Black Iron and Brown Ore Just north at top of 2X shute. 38.20 % 22.65 %

#4

cut of ore on hanging wall in 1st north of 2X shute. 4 ft cut. 20.06 % 31.10 %

#5

4 ft cut in top from Brown streak on hanging to Brown streak on ft short line shute 1st north 2X shute 2 ft cut. 17.66 % 18.8 %

#6

cut just down West Gulf on South side Gulf Raise 1.82 % 2.88 %

12" cuts on ft side Gulf Raise cut

6.18 g 10.06%

Box Sample.

30.84 27.77%

MOISTURE

12.61

June 11

#1

Short line from yellow
next to hanging wall
to brown ore 4 ft.

#2 4.18 g 14.09%

Black iron almost Blue
over 7 13 x shute 2.8 to 3rd
floor.

3 10.44 g 8.83%

Yellow and light Red ore on
foot wall 1st set north of 2x shute

4 1.42 g 20.54%

Brown and blue iron on foot
wall 1st north 2x shute top floor.

5 43.18 g 20.54

Four foot out from Hanging
toward foot wall 1st set North
of 2x shute top floor.

Copper

6 7.82 g 27.8 7.8

Sample from 2x
wall 1st South

#1 24.14 g 9.11 35

7

Light Red and yellow iron
foot wall over 3x shute

37.16 g 27.45%

Box Sample

28.05 g 20.93%

June 12-21.

#1

Four foot cut from brown ore
on foot wall

#2 7.56 15.35

Two foot stretch brown from
hanging toward foot.

#3 8.20 27.54

Short line 5 ft from hanging
to good ore, in wall Rocks

#4 10.60 8.64

Clay between the 4th stope
of Ore in wall Rocks

5 9.20 12.84

Blue Line looks like Galena and
surmised 2 ft north of 2x
shute. 1.18 15.74

12

Cut from hanging wall
~~two~~ to foot blue mixed
Silicons. One set South
one x Shute.
#7 1.14 24.57
two foot cut of Silicons are
on hanging wall one set
South of one x Shute.
June 13 1.74 16.89
1 #1
3 foot streak brown
ore from foot to hang
one set South on x
x shute 21.9 21.20
#2 Five foot cut
Short lime mixed with
brown ore from streak
of good ore on hanging to
lime next to brown ore
on foot.
#3
Five foot cut from foot
to hanging in wall rock.
38.06 21.87

Grab Sample of red ore in
cave over 1x Shute
#5 0.58 16.32
1½ ft cut over 1x Shute Brown ore
between two streaks of Short lime
#6 0.30 15.34
2 ft cut on Foot wall Brown ore
over 1x Shute 24.04 24.35
#7
Blue mixed in with White
Streaked spar over 1x Shute
#8 1.08 27.07
Cut from Hanging to Foot
wall The wall Raise.
#9 31.28 22.75
12 in cut on Foot wall on top
of hard lime. Brown Talc
wall Raise. 6.[illegible] 33.21
Box Sample
18.96 oz 24.38%

Box Sample June 14 21
21.58 22.08

Seven foot Cut across
back and down to foot
in are about three feet
North of Crid of Gal.
3 Wall Rock.
28.56 23.61

Six foot Cut from
Hanging and across
South down to foot in
South to Gal. Wall Rock.
June 15 20.86 26.69

#3
Four foot cut 1 out south
of 3X shute ~~on~~ High grade
Ore Impeded with Short
lime. 4 feet above floor
#4 26.28 24.19

Cut from Hanging to foot
over 2X shute 22.24 18.85

#5
3 foot cut of light Brown
ungas ore with to foot over
2X Shute 3.24 1.47

Grab sample from 2X
shute 18.00 17.85

#7

~~#~~ 18 inch. cut in South
end of Wall Rock
Dark red ung gray ~~Impeded~~
Ore Impeded 10.22 28.22

#8
Three foot cut from foot
toward hanging. Brown Ore
Impeded with lime 22.08 7.49
June 16 Box 24.40 24.17

#
Grab from Wall shute
25.16 23.41

#2
Four foot Cut from
hanging to foot in foot
Wall Rock
3 20.32 32.42

Sample from 2X S. shute
24.78 24.87

4

Cut from Hanging wall to foot wall over 2X shute.

5 20.8 oz 17.01%

2½ ft cut pocket of light yellow soft mica over 2X shute

6 5.12 oz 27.6%

Cut from Hanging to Foot over 3X shute manway.

7 40.10 oz 19.21%

Street Lime mixed with Schist over 3X shute manway.

8 22.10 oz 32.0%

Foot from Jiffie Shape Shute 17.3 oz 24.83%

#9

4 ft cut on Hanging Wall seen yellow streak to left.

3.3.4 oz 19.02%

Box sample

24.16 oz. 22.41%

June 18 — 21

Sample One #1 2X shute from hanging to sill No. 2 post east. South side

38.9 oz 28.83%

#2

One north side 2X shute post No 2 1' East of hanging to sill.

14.52 oz. 29.84%

#3

One South side 2X shute from One on hanging to sill on foot wall

35.38 oz 22.62%

#4

One north side 2X shute from on on hanging to sill on foot wall

22.36 oz 20.41%

#5

Grab Sample from 2X shute.

29.12 oz 23.62%

#6 June 17

Grab Sample from wall
Lime Shute
Box Sample 22.06 3 22.06 3 14.00 3 21.8%

June 18 21

~~Box Sample~~
#1
18" Brown & Yellow on ft wall Top
set over #2 X shute. 3.76 3 10.00%

#2
ft cut from Lime Boulder to
ft Wall, over 2 X Shute Top set.
9.04 3 12.61%

#3.
Dark Brown on ft wall 18" wide
over 1 X shute. 8.20 3 24.61%

#4
yellow over Sample #3. over 1 X
Shute 2.20 3 8.20%

#5
Streak on hanging wall
straight up from Shute
in Top of 1 Mine Wall Raise.
20.36 3 35.29%

#6
cut from ft to hanging over
Shute. Wall Raise Stope
17.84 3 23.29%

June 17
2 ft cut Between Ore on hang
wall & Ore on ft, talc with brown
streaks looks like shale. Direct over
Shute. Wall Raise.
20.00 3 14.01%

#8.
Cut from ft wall to Hanging
wall S. end of Stope Wall Raise
12.98 3. 29.03%

#9
Box Sample.
24.36 3. 21.02%

June 20-21
3 ft cut on ft wall 4 ft north
Shute. Wall Raise.
10.24 4.00%

#2
Ore on N. Side in Top of wall Raise
Direct over Shutes from Tunnel level.
21.50 3 53.45%

#4
18 inch Cut from lime on
hanging to yellow streak
in Schist. South stope over 2x
shute
12.76 3 14.01%

#5
two foot Cut from foot to
yellow streak over 2 X shute
5.24 3 9.00%

two foot cut south end of
wall Raise in ore.
#7 7.12 oz 25.02

#7
four foot cut from hanging
wall foot. ore in wall Raise
12.74 oz 20.0%

2 ft cut on ft wall #3 left out.
over #1 X Shute
12.25 14.0%

Box Sample.
16.00 oz 22.62

June 21—21

Cut from ft to hanging
wall on S. face 1 set S 2 X shute
#2 36.54 oz 27.03

Cut from timber to hanging
wall 4 ft West on sill from
hanging 1 set M. #2 X shute
12.86 oz 28.83%

#3
cut from hanging to ft in
North face 1 set 2 X shute
8 ft cut
7.64 oz 19.20

Spotted #4 time with yell ore
Stolen lays on ft 1 set M
2X Shute.
#5 12.00 oz 14.81%

#6
five foot cut in ore on
foot wall one set South 2X shute
33.72 oz 21.42%

#7
3 ft streak of ore on
foot over No 1 X shute.
16.16 oz 20.67%

#8
Grab from Pile to bottom
of shute Wall Raise.
15.28 oz 19.41%

#9
2 ft streak in back south
end Wall Raise.
15.08 oz 20.21%

#10
4 ft cut from Hanging to line
in back over shute in wall
Raise
16.00 oz 18.62%

26.8 oz 25.42%

June 22 1921

Box Sample:

#1 18.96 oz 23.02%

6 ft cut down face on Corner of Ore 1½ sets N. #2 X Shute

36.82 oz 21.41%

#2:

4 ft cut from Boulder to sill West Side 2 sets N. #2 X Shute

5.85 oz 20.00%

#3

2 - 2 ft cuts over #1 X shute

14.28 oz 20.62%

#4

1 ft streak in top of Raise over shutes in main West Raise.

24.94 oz 18.21%

#5

4 ft cut on ft wall on N. End of big Boulder Wall Raise.

33.28 oz 17.01%

#6

four foot cut on foot wall Soft brown and yellow one set of #2 Shute.

6.62 oz 17.22%

#7

5 ft cut in ore from yellow on foot to yellow no Hanging 1 set in 2x Shute.

52.32 28.63

June 23 1921

18 inch cut of brown Ore break like lime. 1 set north of 2 X shute

27.50 oz 17.80%

#2

½ foot cut of yellow ore from hanging to dark red Ore on foot wall. 2 sets north of 2 X shute

14.00 oz 23.42%

#3

Cut of Ore from hanging to foot wall 1 set north of 2 X shute

34.66 oz 26.43%

#4

Cut from Hanging to foot wall Over north sill of 2 X shute.

10.86 oz 15.61%

#5

Cut from Hanging to foot wall Ore in foot wall South side of raise over 2 X shute

33.52 oz 31.24%

6

Cut on rave over
1 x Shute 11.40 g 21.81%

7

Two ft Cut from lime
holder to hanging w
in back as Wall Raise
8.52 g 19.41%

8

four ft Cut from hanging
to lime holder over shute
Wall Raise
16.64 g 23.62%

Box Sample
23.88 g 92.42%

June 24th 1921

1 Box Sample
20.44 g 19.41%

Cut of ore yellow and brown
from hanging to block on
sill on South sill of Main
way So 1 x shute
9.64 g 20.82

2

Cut of ore on north side of
raise over 2 x shute from
Hanging to foot
3 # 11.62 g 12.80%

Cut of ore on south of raise
over 2 x shute from hanging
to foot wall
10.48 g 14.28

4

Cut of ore from hanging to
foot wall on raise over
1 x shute.
8.84 g 22.82%

5

Grab sample from Wall
Raise shute
14.20 g 18.01%

6

Grab Sample from
top of Wall Raise shute
24.14 g 17.02

7

5 ft cut out to lime holder
in north end of Wall Raise
Spotted looking.
19.10 g 9.00

#8

4 foot cut on one side
6 foot ~~[illegible]~~ side of cut ~~South~~
~~[illegible]~~ No 7 in Wall Raise
Spotted looking. 21.80 oz 23.02

June 25, 21

#1

Two ft cut in light
Collard ore one set north
of 2x shute 22.70 oz 19.09%

#2

four ft cut in brown and
yellow from foot to line
over 2x shute.

#3 18.24 oz 20.00

3 ft cut in brown one
set north 3x shute

#4 4.00 27.43

one ft cut in iron over main
way between 1x 2x shute.
24.42 oz 25.0%

#5

two ft cut from ore hanging
to line one set north 3x shute
5.04 oz 16.40%

#6

four ft cut from foot
to line in brown and yellow
just under drift 16.43 oz 26.62%
Box Sample 21.16 oz 21.42.

June 26 1921

Cut off Br #1 and spotted
Br from hanging to yellow on
foot-wall South side Main way
Bef 1x shute 17.40 oz 26.03%

#2

2 foot of ore in in new raise
South end of Wall raise
2.72 oz 27.83

#3

3 foot cut on south 2 ft of
Golden wall end of wall
raise Brindle Color
12.76 oz 38.0%

#4

18 inch cut in ore timber
Built 2 sets south of 2x
shute. 7.76 oz 19.01 %

#5

3 foot cut in yellow and
brown ore set south
2x shute on foot wall.

#6 17.37 oz 24.8 %

Six foot cut in ore near
the hanging ore set north
of 2x shute.

23.66 oz. 22.21 %

Box Sample 21.54 oz. 21.62 %

June 27 1925

Grab sample of pile
on north of Wall raise

#2 17.42 oz. 10.41 %

2 ft cut from hanging wall to
stuck of Mud & lime looking
Wall Raise over old shute inter 22

#3 11.20 oz 10.41 %

12" cut of lime & shale under
#2 Sample Wall Raise
16.14 oz. 15.81 %

#3

Brown north end of
Raise 1 ft cut 30.86 oz 6.40 %

Box 15.96 oz 21.60 %

Black lime in one hole in
Hanging Wall Raise

1.80 oz. 54.6 %

Jul. 2-21.

#1

2 ft cut in entire Brown
silicous over old shute wall
Raise 8.20 17.80

#2

on ore hanging wall over
#1 Sample. 8.74 22.20 %

#3

Ore on ft wall. under
Sample #1 6.20 oz 21.81 %

#4

cut of white & Brown in
little crosscut north end
Wall Raise stope 18.86 oz 9.60 %

#5

Vein cut Dark Brown ore
Wall in little crosscut Wall Raise
39.86 oz 17.[illegible] %

July 3-21

cut of 2 ft back in hole where ore to stripped wall Raise.

#2 7.56 g 22.20%

Stripped ore in center of stope 6 ft 5 + over crosscut in N. End.

26.00 g 22.81%

3 ft cut out #3 straw all under sample #3.

23.58 g 23.22%

#4

cut of fill surface of crosscut in N. End Wall Raise.

17.98 g 11.60%

#5

side of fine in pile over #3 X shute S. Stope.

3.58 g 22.00%

#6

18" cut in Raise over #3 shute in face of Wall streak

#7 25.58 g 20.30%

ore on hanging W. side of Raise.

5.02 g 32.03%

July 4, 21.

#1

3½ ft cut from top of ore to line Bottom foot in north End Wall

30.20 g 8.00

#2

2 ft cut on foot wall 3 ft South of #1 sample. Wall Raise.

#3 21.48. 6.80

3 ft cut over #2 cut and up to soft mark making wall in Wall Raise.

#4 17.02 12.00

5 ft cut from foot to line bottom on hanging 4 ft north of timber Wall Raise.

#5 20.00 g 23.60

3 ft cut from foot to hanging between stulls Wall raise.

#6 4.94 g 18.60%

3 ft cut south end from hanging to bottom foot wall raise.

4.92 2

#7

Shale under Ore in Raise over IX Shute

6.46 g 5.00%

Jul. 7-21

Dark fine Grained Brown under Ore in 1X Raise
4.92 oz 3.20%

#2 Grab
1 ft cut of Brown Red Iron and Brown of N. 1X Raise.
10.88 oz 5.20%

#3
Shale & gang under streak of ore. 1X Raise
1.54 1.20

#4
S. face 2 sets south of 3X shute in second set up tunnel level.
26.28 oz 25.40%

#5
Grab of line of Rock of ore in Wall Raise stope.
32.16 oz 6.80%

#6
4 ft cut from Hanging toward Wall in M. end behind Boulder line looking with Galena streaks. Wall Raise
31.66 oz 19.81%

#7.
3 ft cut of White & Brown on ft wall under #6 sample Wall Raise
21.16 oz 4.20%

#8 Grey
Hard Black on ft wall.
69.02.34.81%

#9
4 ft cut in face Raise over 1X shute
31.66 oz 18.42%

July 8-21 No 1

Dark brown under ore in 1X Ra
shute to the south side

No 2
12 foot cut on north side 13.26%
back of orch 23.90 oz 18.40

#3
Grab from Pile in 1X shute.
21.84 12.60

#4
2 ft Cut in ore in rose over #1 shute.
26.20 12.

#5
Dig foot cut in shale brown and yellow mostly pieces of fole over 1X shute
2.20 6.

Bot 37.04 5.4

July 9 21

#1

18 cut in ore in + cut

#2 24.38 14.60

Brown nearly Black in south side of X cut over 1# shute.

8.48 1.20

#3

4 ft cut in center of stringered ore wall raise

#4 26.48 3 4.40

7 ft cut along stretch of ore north end of wall raise

#5 39.88 23.40

4 ft cut behind north stull from foot to mud or hanging wall raise

13.14 3 4.80 g

#6

Grab from Pile in wall raise

22.28 3 12.00 %

July 9-21

#1

Light Brown under ore + X shu

2.16 ag 0.2 %

#2

Hard Brown ore on vein

24.00 3 17.80

Wall Raise

July 10th 21

#1.

2½ ft cut from hanging to foot wall, one foot above plat form, north end. 50.42 3 33.01 %

#2.

5 ft cut from hanging to foot wall, north end - 4 ft above #1 cut.

#3. 42.32 3 28.81 %

Ore pile sample 30.143 18.4

#4
Grab from pile left
Bottom in 1x chute.
6.20oz 0.40%

#3
Grab from pile of Dark
brown in 1x chute.
7.16oz 0.40%

July 11, 1921
Wall Raise
3rd Cut face mined and
face Cut right to Hanging
Wall and above mined away.
Ag 34.39 Pb 24.41

July 12
Wall Stope
2 Cuts across face top
& Bottom going North blast
Grab broken ore and in
Chute Ag. 39.20 Pb 25.02

#2
Brown sand & spring looking
around ore wall Rock
Ag 11.44 Pb 7.80

#3
Streak of yellow mud in
crip in Bottom Wall raise.
Ag 4.56 Pb 20.20

July 14, 1921
No. 1.
Grab sample Broken ore
Wall Raise Pb 15.82
Ag 26.34

No. 2.
Face Cut about 1 ft. out
of stope on West side thru
Hard dark Brown 6 ft Cut.
Wall Raise Ag. 31.12 Pb 8.0

No. 3.
Face Cut South End
foot Chute Wall Raise
Ag 18.44 Pb 23.94

#4
Got soft pale mud Wa
Side Stope Wall Raise
Ag. 11.56 Pb 13.04

#5
Spiral silicous black
Carbonate some copper
West side stope about 6 cut
Wall Raise
Ag. 44.54 Pb 10.82

Jul. 17–21

#1

3 ft cut down face in Raise over 1X Shute.

54.00 g 32.00

#2

Cut. of face in center Wall Raise 4 ft cut.

July 19 21

#1

3 ft Cut down face in Raise over 1x shute 47.14 36.36

#2

Grab from Pile in Wall Raise shute. 31.80 26.32

#3

5 ft Cut in north end next to water and lime boulders brown and white are Wall Rock.

18.46 15.68

#4

four ft cut in center Dark and yellow looking streak.

16.62 11.68

#5

6 ft Cut Aircased ore Body Corner ways in top wall frame

39.96 22.92

Bot

26.46 22.04

Jul 17–21

#1

One ft cut of Mixed yellow & Brown with small streak of Galena. Center of face Wall Raise

#2 18.96 g 38.26%

7 ft cut of lime & Mixed ore under small streak of Galena. W. Raise - Mill ore

#3 24.08 g 21.02

3 ft cut from Mixed to 1 ft Wall Brown ore. Wall Raise

4086 g 27.16%

#4

Grab of job Wall Raise

15.48 g 14.36%

#5

4 ft Cut brown very hard South side of stope W. Raise.

#6 29.28 g 19.64%

3 ft streak next to lime boulder in bottom W. Raise

#7 9.56 g 27.66%

Ore sorted on the Dump by me.

24.66 g 19.00%

Piece that shows copper

23.62 g Trace %

#7.
Brown, Spongy, very Light in Bottom
Mill Ore Wall Raise
6.16 g 9.32 %

Jul. 20-1921

#2
Cut from hanging to ft.
wall Raise
31.52 g 25.72 %

#1
foot Wall streak Brown + yellow
over 1 x Shute.
15.14 g 21.40 %

#3
3 ft cut from hanging Toward
ft. Brown + grey. Putty well mixed
Wall Raise.
33.18 g 24.18 %

Grey Lime #4 in center 2 ft Wide
~~[illegible]~~ Begins at End of #3 sample
wall Raise
15.54 g 8.94 %

#5
Quartz that lays in lime
streak in #4 Sample wall Raise
5.62 g 0.20 %

#6
Dark Blue quartz. West from
lime streak
70.82 g 24.72 %

Box 29.14 g 23.40 %

Copied

July 21, 1921.

Cut from hangin wall to foot
wall wall Raise.
#2 21.60 g 20.42

2 ft. Cut from foot toward
Hangin wall grey mixed to ft
Gang. wall Raise.
#3 22.96 g 24.76 %

Grab Sample of ore Pile 1 x Raise
#4 43.24 g 31.22 %

Cut from Hangin To Foot
No. 1 x Raise.
#5 44.12 g 32.84 %

~~Grab from Pile Wall Raise~~
yellow streak in 3 x Shute
6.08. 10.58

#6
Grab from Pile wall Raise
28.38 g 20.86 %

~~Box~~ Sample
34.62 g 24.78 %

Jul 25-21

#1

Cut from hanging 50 ft. wall Raise 10 ft 42.92 10.36%

#2

18" cut from line on top of ore to black streak wall Raise

#3 27.36g 5.34%

3 ft cut from black iron west hand line looking ore in face S. side of cross cut.

#4 44.66g 5.02%

Black Iron just a small streak in face Wall Raise 34.92g 5.58%

#5

Hard lime looking Ore in bottom of face. Wall Raise S side of cross cut. 51.40g 4.18%

#6

Mixed Ore in hole on W. side of X Raise 11.46g 9.44

#7

Brown streak on ft. wall IX Raise. 34.26g 23.68%

Box Sample

32.30g 24.99%

Jul. 26-21

Jul 26-21 Box Sample

37.96g 24.96

#1

Soft honey combed black iron in bottom where drift is to be started Wall Raise 1.80g 10.4%

#2

Cut down bottom in drift. Wall Raise in first set.

10.26g 4.88%

#3

Cut from top of grit to holder on bottom in drift to be started Wall Raise

#4 12.34g 5.28%

Half foot cut on north side of new drift from lime holder on top to lime holder to bottom of south post.

10.28g 2.64

#5

Cut of Brown and Yellow Ore in south corner of IX Raise one foot wall 8.12g 6.44

#6

Cut of Brown and hard looking lime in N. of IX raise on foot wall 23.28g

Jul. 27-71

cut from top of drift to bottom
in edge of drift where lime cuts to the
West. Wall Raise 9.58 oz 1.6

#2

Sip ft cut in top 9 ft West from
S. W. Post in set. Wall Raise.
20.48 oz 4.78%

#3

2½ ft cut under Sample #2
9 ft SW from S. W. Post. Wall
Raise.
18.88 oz 2.08

#4

15" cut in top from lime West. Brown
+ Blue spots in looks pretty good.
3 ft 5 from S. W. Post. Wall Raise.
23.34 oz 4.08

#5

Cut from top of drift to bottom
same as #1 7.82 oz 4.16
for Sample

#6 20.72 oz 17.84%

3 foot cut of yellow and
Gray looking ore of foot
wall S. Side 1X raise

#7 16.84 oz 24.04

Grab from top of
1X shute 11.28 oz 16.16

Jul. 28-71

#1-0

Grab from every wheel barrow
full. Wall Raise
30.56 oz. 10.96%

#2-0

Cut down face on E. Side Drift
+ Brown ore. 8 ft 5 from sets. where
water comes out of bug hole
38.74 oz 13.66%

#3-0

Blue talc in Bottom S drift
Wall Raise
3.98 oz 0.60

#4

dark blue ore next to
face drift Wall Raise
27.12 oz 22.72%

#5

Cut from foot 7 ft to hanging
1½ ft lime in Outer of ore
also general grab of broken
ore S South and South Stope
20.30 oz 28.24%

#6

1 ft cut of red and yellow
ore on north side of gob. in
1X raise 8.88 oz 14.22%

#7

Special of light ore on top
of new drift Wall Raise
13.74 oz 3.72%

#8 Bx 19.183 22.68%

Cut from S. W. corner raise to lime holder on bottom West side New Drift W Raise

58.52 oz 2734 %

July 29, 21

#1

Grab from pile in half Raise shute fours

Ag 36 94 Pb 18 92

Grab from pile after noon

32.46 Ag Pb 30 24

#3

Cut from top of drift to mud streak south drift West Raise

Ag 33 12 #4 Pb 23 24

Cut from top to bottom on west side of drift four feet from face West Raise

Ag 20 12 17 11 Pb

#5

Grab from wry wheel Barrow before going in shute West Raise Ag 22 24 Pb 11 04

#6

Cut from foot wall on South over top to lime on west. on face of south drift wall Raise

Ag 43 02 Pb 21 12 Pb 19 28

July 30, 21 Bot 37 54 Ag

#1

Grab from pile morning from West Raise

#2 34.98 oz 21.90%

Grab from pile after noon from West Raise

#3 37.92 oz 20.38%

Mud on brake in bottom of drift West Raise

#4 16.48 oz 9.04

Mud on top of ore West Raise

3.14 1.82%

#1 X

Broken ore and face cuts 1X Raise

31.72 oz 18.14

#2 X

Face cuts footwall to hanging 1X Raise

36.22% 18.68

#7
Face cut South Drift from
foot to Top Wall Raise
34.76g 16.34%

#8
Cut on West Side next to
face foot to top South Drift
Wall Raise 47.66g. 24.98%

Box Sample
37.00g. 19.92%

July 30-21
Grab from my Wheel Barrow
full Wall Raise
48.08g 21.22%

#2
Mixed between Ore & left
Wall. E. Drift wall Raise
8.68g 3.40%

#3
Cut down face East drift
Wall Raise 67.62g 22.22%

#4
Brown + Red Lime Looking on
W. Side of East drift wall
Raise 29.67g 6.60%

#5
Cut down face East
drift Wall Raise
39.44g 18.88%

#6
Grab from my Wheel barrow
wall raise
36.80g 13.82%
July 1-21
Co. B. 22.83 20.40

#1
Grab from Wheel barrow
full all day
38.60g. 16.28%

Hard Black Iron
on South side E. Drift wall
Raise
8.18g 9.16%

#3
Cut Ore in Bottom down
E. Drift wall Raise
37.64g 14.40%

#4
1 1/2 foot cut in big hole
on left of face S Drift
Wall Raise
6.53g 17.38

#5
Cut in face South Drift
Wall Raise
30.18g 18.24

36.86 oz 19.42%

Aug 2-21

Grab from Wheel Barrows
Wall Raise 29.84 oz 16.84%

#2

cut from the Bottom on the
South to the top on the North
wall Raise 31.06 oz 20.00%

#1X.

yellow & Brown on hanging
Wall on 1X Raise 7.60 oz 18.88%

~~#1~~ #2X

Brown Streak on ft. Wall
1X Raise. 50.74 oz 38.50

3X

Shift 2
Brown streak on man
way on foot wall 1X raise
53.52 oz 39.18%

4X

Cut of Lead and Gelena
on hanging wall 1X raise
North Side 37.78 oz 37.00%

#3

Grab from wheel Barrow
36.52 oz 20.42%

Aug 3 .21

#1

Grab from Wheel Barrow
Ag 28.34 Pb 16.41

#2

3ft cut on West
side in top Drift
in Wall Raise
#3 Ag 28.96 21.02

Night Shift
Grab from every Wheel Barrow
Ag 36.34 Pb 20.76
Bx 34.94 Pb 16.98

Aug 4

#1 cart
Jaw cut ~~on~~ ~~[illegible]~~ cross cut
of south drift on north side
of drift Wall raise
32.40 oz 18.16%

#2
Cut from hng wall
to Bottom ~~S. side~~ same
drift as No 1 W Raise
37.48 oz 21.58%

3

Cut on face S. drift betw
bolders, Wall Raise
40.38 oz 25.82%

1 X

Cut over shute 1 X raise
7.20 oz 14.56%

2 X

Cut over man way
1 X raise 36.30 oz 31.02%

Box Sample
30.32 oz. 17.72%

Aug 5 – 21

#1 X

Cut from hanging wall to ft
Wall S. side 5 ft up front
Top of S. Stope 1 X Raise
29.92 oz 37.02 %

#2 X

Same as #1 five ft further up
#3 X 26.42 oz 31.20 %

five ft up from #2 Same from
ft to Hanging at face of Raise
21.30 oz 27.00 %

#1

Grab from Wheel barrow in
Raise 27.36 oz 17.44 %

#2

Cut from top to bottom in
North West finger w. Drift
Mixed ore & fine, Wall Raise
22.78 oz 16.46 %

#3

Grab from Pile from W
drift, Wall Raise.
16.26 oz 10.80 %

#~~5~~ 4

Cut down center West drift
Wall Raise 58.04 oz 35.22 %

#~~4~~ 5

Bens Special Galena &
Carbonate 123.50 oz 58.24 %

6

Grab from Wheel Barrow
Wall Raise
25.46 oz 16.14 %

July 6th

Aug 6 21

#1 Box 29 45 oz 17.20

Grab from Wheel Barrow.

34 00 oz 19.68 %

#2

3 foot cut of ore on foot wall ~~on~~ face of South Drift wall raise 59.54 oz 25.92 %

#3

Small Black looking ore in face of South Drift wall raise

42.00 22.36 %

1X

3 foot cut of ore and foot wall short time 4 feet from face south of 1X raise 41.52 oz 31.44 %

2X

2 foot of of lime and ore on foot wall south side 1X raise south face 26.92 oz 31.40 %

Aug 8 1921

Box 30 92 oz 18 44 %

Aug 9th 1921

#1

Grab from wey Wheel Barrow

40.74 oz 23.66 %

#2

6 foot cut of ore in face on West side of South Drift Wall Raise

41.04 oz 25.40

#3

6 foot cut of ore in face on south side of South Drift Wall Raise

44.60 28.40

~~4 foot~~

#4

4 foot of ore and waste in face of south Drift Wall raise

37.60 oz 26.18 %

Wall Raise 5 Flake Galena
129.28 oz 71.48%

Galena from 1X Raise
164.68 oz 71.68%

Aug 10 1921

#1

Grab from every Wheel Barrow
Copped
36.42 oz 23.62%

Aug 12-21

#1
2 ft cut of Ore in bedding over Shute 1X Raise
14.48 oz 11.62%

#2
One ft cut of Dark Brown in North end Raise
13.62 oz 13.18%

#3
1 ft cut of Light Brown with White streaks for over #2 Sample North end 1X Raise
52.62 29.40%

#4
cut of Brown Ore in bedding over Man Way in 1X Raise.
17.68 oz 18.20%

#5
Grab from Pile in face of South drift Wall Raise.
44.66 oz 27.78%

#6
cut of Mixed Ore + Lime & end of New Raise in E. Drift Wall Raise
20.58 8.58

#7
cut of Ore over #6 Sample
59.40 oz 29.64

#8
cut of Black Ore in West End of New Raise in E drift Wall Raise
36.84 oz 22.30%

#9
Grab from Wheel Barrow pile in Wall Raise
34.20 oz 22.96%

#10
18" cut of Mixed Ore + Lime on top of Ore 6 ft W. of big face of Ore Wall Raise
27.96 oz 19.64%

#11
2 ft cut of Ore under Sample #10
45.20 oz 35.02%

Aug. 13 – 21.

#1

Mud on North side of Ore in E. End of Raise. Wall Raise

21.88 oz 8.80 %

#2

Ore in fissure in E. end of Raise East drift Wall Raise

61.58 oz 33.46

#3

Grab from every wheel Barrow forenoon Wall Raise

39.08 20.32 %

#4

Grab from wheel Barrow in afternoon Wall Raise

57.84 oz 22.02 %

#5

3 ft cut on South side up to tops when we start to strip. 1X Raise

28.40 oz 16.16 %

#6

4 ft cut on south side sixty feet below no 5 W.

1X raise

16.66 oz 20.84

#7

4 ft cut in hangwore 5 ft below no 6 1X Raise

19.00 oz 22.26 %

#8

Grab from Wheel Barrow Wall Raise.

40.44 oz 21.00 %

Aug. 14 – 21

#1

Dark brown in North side of 1X Raise 11.68 oz 7.00

#2.

cut from hangwing to 4 ft So. of face of north Drift 1X Raise

46.26 oz 26.28 %

#3

first 8 ft of cut from ft wall towards hangwing on big face of ore Wall Raise.

53.36 oz 28.48

#4
Second 7 ft of Lower grade on big face Wall Raise
34.32g 17.84

#5
Grab from wheel barrows Wall Raise Day Shift
42.72g 22.22

#6
Grab from Wheel barrows Wall Raise Night
30.38g 21.37

Box Sample
41.58 g 20.12g

Aug 15 – 21
#1
18" cut of Brown & Grey over Shute 1 X Raise 3 ft 5. of Top Stull in Stope on N. Side
14.76g 22.20 90

#2
cut of lighter Brown on Top of #1 Sample 1 X Raise
36.24g 22.64 90

#3
cut of Light & Brown in Top of cut in the face West drif 1 X Raise.
14.00g 0.20 90

#4
Ore in bedding farthest west under Man way 1 X Rais Grey looks like lime.
38.36g 25.10 90

#5
Grab from every wheel Barrow full. Wall Raise
48.74g 31.62 90

#6
yellow in fissure under ore East drift. Wall Raise
3.8 0g 3.16 90

#7
Dirty brown under Lime next to hanging Wall on top of ore East drift 8 Wall Raise
19.04g 22.54 90

#8
yellow on top of ore next to lime. East drift Wall Rais
13.06g 8.88

#9
Grab from Wheelbarrow Wall Raise Night
43.24g 23 90

#10

Red ore next to hanging Wall Raise. 23. 7 17.49

#11

Grab brown Pile in 1X shute.

27.04 g 19.40

#12

3 ft Cut in End of north drift over 1x shute brown and yellow

22.28 g 9.00

#13

yellow mud between two streaks of ore over 1X shute

2.00 g 1.00

#14

2 ft Cut from line to foot on Point right over 1X shute brown and yellow.

24.52 12.28

Aug 16 – 21

#1

3 foot of galena and yellow ore 3 ft above bench in raise East drift. wall Raise

#2 32.10 16.22

Cut from hanging to foot wall on west side of raise Wall Raise

46.06 g 27.76

#3

Cut from hanging to foot wall on east side of raise wall raise

45.34 g 25.42

#4

Cut of blue looking ore over flat form east drift Wall raise

36.60 31.94

#6

4 ft Cut from short line on hanging to foot top ab are X1 pr dire.

#6

Grab from Wheelbarrow
Wall Rose 40.44 oz 23.82 Pb

#7

brown and white
1x Slate 21.60 oz 7.80 Pb

Aug 17

#1

Dirt from drill test hole
No 1 Wall Rose

#2

Dirt from drill test hole
No 2 Wall R

#3

Grab from Wheel Barrow
37.98 oz 23.22%

Aug 19 1921

#1a

Grab from Wheelbarrow
Day shift Wall Rose
43.18 oz 23.40%

#2B

Grab from Wheel barrow
night shift Wall Rose
43.58 oz 24.18%

BDC Sample
28.20 oz 20.82%

Aug 21—21

#1

cut down North side of
West Drift 300 Level # 10 Stope
in first set. 13.44 oz 11.80%

#2

cut down center of second set.
sample place as #1 sample
14.54 oz 6.10%

#3

cut down face drift about
12 ft West from Main 300 Level
#10 Stope 14.52 oz 8.72%

#1a

Cut off on in face
of east drift Wall Rose
23.88 oz 20.06%

2 13

Cut of yellow mud
crumbly core in
last drift Wall Raise

9.22 g 18.44%

Box Sample

24.78 g 20.00%

Aug 23-21

3 ft cut under new Platform
under line in little drift
in North face Wall Raise

42.00 g 29.42%

#2

3" cut 1 ft each way from
streak of Galena No Galena
in Sample North face Wall Raise

17.90 g 22.14%

#3

Grab from pile ~~the~~ on new
Platform. N. face Wall Raise

25.02 26.60%

#4

cut in top Mixed Lime
Where Big boulder breaks
off. North face wall Raise

20.72 g 18.16%

5

Sample of Galena north face
Wall raise.

99.36 g 76.64%

6

Grab from pile at foot
of new shute north face
of wall Raise

41.56 g 34.02%

7

Six inch cut of spotted
on east side of drift north
face wall Raise

27.04 20.96%

8

Grab of white quartz and
with light brown and yellow
Ore north face wall raise

26.78 g 25.00%

Box Sample

99.60 g 17.80%

Aug 24, 1921

No 1.

Dead Black iron in top & face West drift South Stope

8.84 oz 0.32 %

No 2.

5 ft cut on North side 5 ft from beginning West Drift South Stope

6.40 oz 0.20 %

No 3

6 ft cut down face West drift South Stope

5.14 oz 0.12 %

No 4

3 ft cut gray silicious with iron West drift So. Stope

9.76 oz 0.26

No 5

3 ft cut yellow honeycomb in bottom of face West drift So. South Stope

1.58 oz 0.24 %

No 6.

Iron iron & yellow mud quite heavy West Drift So. Stope

1.44 oz 2.80 %

#3A

~~2 Cut~~

2 ft cut yellow Mgt to hanging Wall Raise N. North Raise

#4A 18.00 oz 24.84 %

Brown iron with crystals mixed in tan mgt to yellow ~~the~~ N. Raise Wall stope

37.92 oz 22.76 %

#5A

Grab of ~~one~~ each pile face Mined Wall Raise.

24.90 oz 25.08 %

6A

Grab of each pile as mined night shift wall Raise

45.80 oz 29.50 %

Box 29.48 oz 22.40 %

Aug 25 - 21

#1

Face cut in bedding in drift of 1X raise

11.36 oz 3.60 %

#2

2 foot cut of Gray on south side 3 foot from face in drift 1½ raise.

8.50 0.46%

3 #

Cut of ore from lime over slide to bottom of raise wall raise.

#4 16.18 oz 24.92

Cut of ore same as No 3 4 foot toward face wall raise

#5 17.34 23.79

Cut of ore same as #3 and #4 wall raise

18.58 oz 17.6%

#6

Cut in face of raise wall raise

32.00 20.06%

Box sample 26.42 21.80%

Aug 26-21

#1

Hard brown ore W. Side of drift South Stope 2.24 oz .40 %

#2

Grey + brown calcinate in face West drift So. Stope

17.32 oz 5.40%

#3

Black + Grey mixed in top West drift So. Stope

13.16 oz .66%

#4

Grey lime looking in top of New Raise. Lays in center of filling. Wall Raise 45 ft up from sets.

#5 30.02 28.58%

Cut of filling from back of Raise to ft. Wall. Most filling. up Top of Raise 45 ft up from sets.

2½ ft cut. #6 20.92 oz 19.76%

Cut of filling half way up Raise on So. Side. Wall Raise 8 ft down from Top.

17.80 oz 17.80

Grab

#7

Gray looking lime mixed with brown on top of new raise wall. Raise. South Side

~~#8~~ ~~10.04~~ 15.32 oz 20.02 %

Grab from Gol.

~~15.32 oz~~

#9 11.46 oz 13.76 %

Grab from pile after mined wall raise

17.12 21.32

#7A 17.12.3

Grab from Cu mined.

16.04 oz 17.96 %

Aug 27.

#1

Cut down hanging light Brown. with Raise wall raise

4.64 oz 17.88

#2

Cut on hanging of light brown mixed with lime on raise Wall Raise

18.23 oz 22.47 %

#3

Cut of mud and lime on face of new of new rate foot wall. W. raise

6.00 oz 7.36

#4

Cut in big hole of brown with galena from big hole on raise wall Raise

57.78 oz 21.86

#5

Grab from pile as mined wall Raise 24.00 oz 21.74 %

Aug 28 1921

Cut in hole in top of new raise wall Raise

5.46 3.20

#2a

Sample of gray like lime with spots of galena in top of new raise Wall Rai

73.92 3 46.04

Box Sample

2182 19.80%

Aug 29-21

Grab from ore ripped Wall Raise

#2 36.00 3 27.94

Brown and Gray ore in pot hole rept to lime in top of new raise wall R

5.78 3 35.22

#3

Grab cut of Dark Brown ore rept to silicated lime on footwall new raise W.R.

28.24 3 12.68 3

#4

Cut of light Brown ore in face of new raise for wall

13.00 3 28.80

#1A.

Brown mixed with white iron for Dump

10.26 3 2.58%

#2a

Same as #1A only first foot back from face

10.96 3 0.20%

Aug 30, 21

#1

Cut all ground back in new drift over 2x shute.

#2 7.62 3 2.20%

Cut in ore on foot wall 3x shute.

24.60 3 25.14%

#3

Cut ore hanging in ore over 2x shute

15.70 3 15.84%

#4
Grab from Pile
on Small Raise
Shute.
27.68 oz 24.80 %

#5
5 ft Cut from
Foot Wall on hanging
over the shute
of Small Raise.
29.38 oz 25.70 %

#6
3 ft Cut to left
of no 5 in wall Rais
23.58 oz 20.40 %

#7
Grab from pile as
Trimmed Wall Rais
Coppied 37.66. 27.24 %
Box 21.08 oz 21.62 %

#4
4 ft Cut from hanging
to foot in center
of new Raise Wall Rais
#5 9.62 oz 17.86 %
5 ft Cut from foot
to hanging left hand
side of new Raise Wall Rais
21.48 oz. 24.54 %
Box 32.00 oz 24.04 %
Aug 6 1924
#1
Grab from pile north of
shute. 17.62 16.68 %
#2
Grab from pile as
Trimmed Wall Raise
17.34 19.78 %
Box Sample.
27.74. 22.7[illegible]

Sept 6, 21

#1

Grab from pile as
Wall Raise Shute.

23.60 oz 26.24%

#2

1ft cut in bottom of ore
from foot to short line
x cut wall Raise

51.60 oz 33.62%

#3

2 ft cut same as #2
only higher in drift.
Wall Raise

#4 24.20 oz 31.38%

1ft cut next to short
line on hanging wall
in x cut Wall Raise

45.76 oz 41.36%

#5

1ft cut from foot to short
line next hanging 3x shute

11.26 oz 23.38%

#6

6 inch strak next to
hanging 3x shute

6.90 oz 15.46%

Box Sample.

26.80 oz 23.16%

#1

Sept 7 1921

Grab from pile as mined
top of new raise Wall Raise

11.92 oz 24.12%

#2

2½ ft cut in face of S. Drift
in new raise Wall raise

#3 7.28 oz 24.80

2 ft cut of ore on foot wall
West side of S Drift new Raise
wall raise

13.12 oz 22.64%

#4

1 ft next to foot wall of south
Drift on East side of mouth of
Drift new Raise Wall Raise

8.20 oz 21.84%

#5 Box 25.72 oz 22.88 %

Grab from Pile
as Mucked bottom
of new shute Wall
Raise night shift

Sept 19.06.08 29.12 %
19.26

#1

Sample Galena
121.40 oz 62.36 %

#2

Cut around Water course
in face of S. Drift
right Raise Wall Raise

#3 32.92 oz 34.82 %

Cut of ore on East side
2 foot from face S Drift
New Raise W Raise
hanging to foot

8.88 oz 17.62 %

#4

Cut from Hanging wall
1 foot from face S. drift
New Raise Wall Raise
25.58 oz 29.76 %

#5

Sample of small streak
of ore on foot wall West
side South Drift New
Raise 25.36 oz 40.04

#1B

Sample of Shale in face
tunnel level.
0.22 oz 1.04 %

Sept 10 21

#1

2 ft Cut in brake in
bottom of drift Wall
Raise
20.90 oz 21.82

2

18 Cut in top of brow in drift Wall Raise.

3 11.583 23.84

Grab from Pile in Wall Raise shute.

4 23.843 35.41

Cut in Brow loosing stuff next to boulder over 1x shute. 6.24 25.68

Sept 11 21

1

3 ft cut on east side of drift in Wall Raise.

2.943 18.78 1/6

2

Cut in mud face of Wall Raise drift. 3.923 12.14 1/6

3

Cut across Back to new Raise 1x shute

#4 16.08 9.88

Cut across Back in face next to broken 1x shute.

14.323 3.32

Sept 20 1921

Grab from pile as mined Wall Raise

19.00 17.90

#2

1½ foot cut of spotted Ore
next to hanging wall under
lime bolder next to bulkhead
East Drift Wall Rave

5.14 20.48

#3

5 foot of mixed ore and waste
in stope Direct over east
drift 6 feet from square set
wall rave.

12.00 13.28

#4

1½ foot on hanging east of
No 3 Sample. wall Rave

Box 2066 19.72 50.28 29.12

#5

Sample of gray lime looking
mixed through the Brown
and black ore East drift
wall rave

23.20 19.20

#6

6 foot cut of ore from lime bolde
on hanging to south crosscut
east drift Wall Rave

26.42 26.6

#1

18 in cut around
loose boulders on
hanging wall side
Wall Rave.

34.02 8.54%

#2

2 ft cut next
to hanging blind
east stall spot.
on wall Rave

#3 7.86 27.12

4 ft cut from hanging
to big lime boulder
on top of bench.
Wall Rave

7.20 20.88

4986

10 May 1023

4

3 ft cut on edge of bench from hanging to line boat Wall Rule.

6.60 3 15.26

Copied

76
72
99
53
67
32
3
33
69
38.5
5
32
5
64
2
48
5
4.95
2

77

Item 16

Brunton Survey

Drifts F2 + F4

F LEVEL.

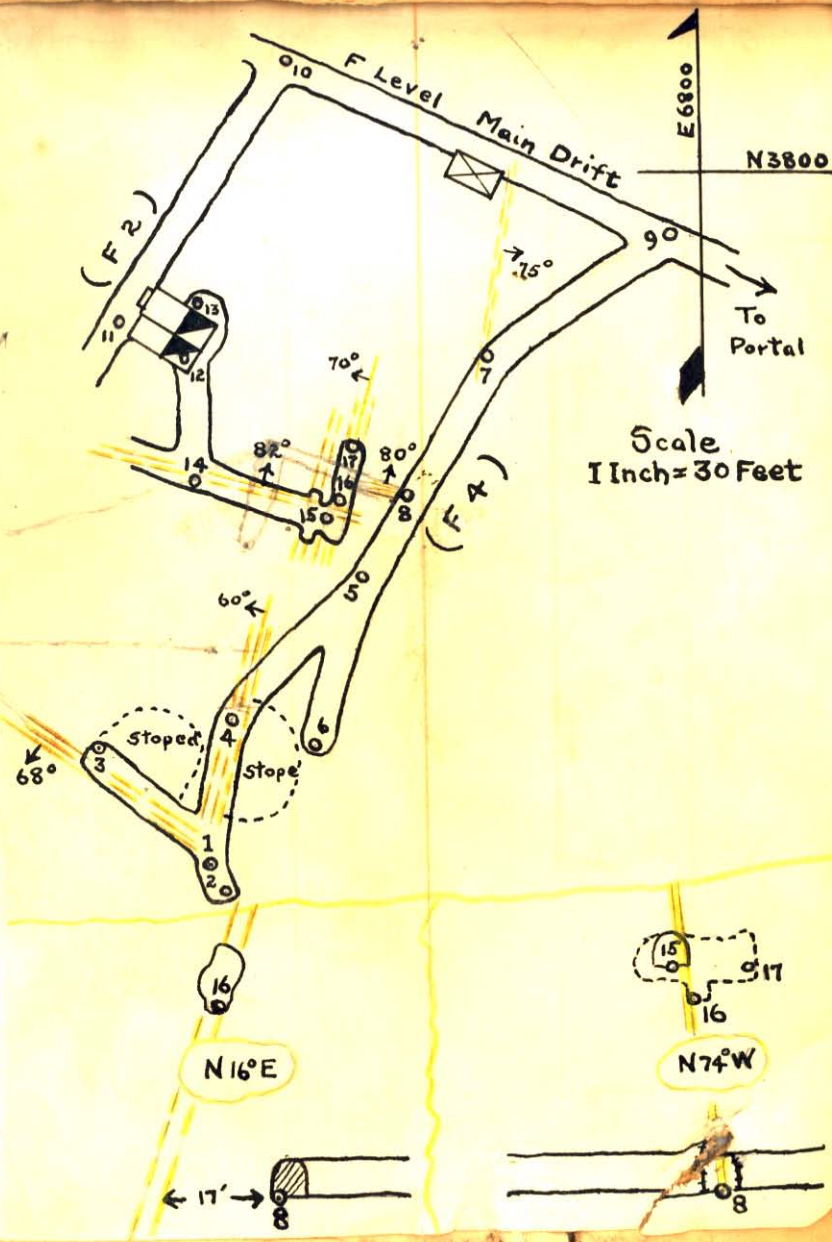
Black Forest Mine.

Aug. 9. 1940.

SKETCH MAP
OF
F LEVEL
BLACK FOREST MINE

(Area above and between
Drifts F2 and F4)

Brunton Survey by R. M. Oliver.



Brunton Survey on F Level. Black Forest Mine Aug. [illegible]

Knudsen,
Cowley,

Sta.	Dist.	Angle	Bearing	H.I.	F.S.	Elev.	
T △1				3.62		.00	Spad in Tie — Junction of N55°W Fault with F4 drift.
△2	4.92'		S 27°E				Center of face of South drift.
△3	25.12'		N 41°W				East side of face of Fault Drift. (S-N55°W) (D-68°S) (Fault Drift is stoped up)
△4	23.12'		N9°30'E		3.79	-.17'	Spad in Tie under 4' wide stope (S-N16°E) (D-50°-60°W) (Principal Uplift Fissure)
T△4				3.79			
△5	30.50'		N44°E		3.75	-.13'	Spad in Tie on Westside of switch.
T△5				3.58			
△6	27.67'		S 16°W				Center of face of Main South Drift (F4)
△7	39.08'		N30°30'E		3.71	-.26'	Spad in Tie under Uplift Fissure Fault (S-N16°E) (D-65°E)
△8	15.00'		N30°30'E				Shear Zone Crossing 3½' wide, (S N74°W) (D-80°N)
T△7				3.71			
△9	34.33'		N58°30'E		4.10	-.65'	Spad in Tie on North side of Main Xcut Drift. (F Drift)
T△9				3.62			
△10	66.42'		N 64°W		3.42	-.45'	Spad in Tie at Junction with F2 South drift.
T△10				3.67			
△11	49.12'		S34°W		2.67	+.55'	Spad in board at foot of Raise.
T△11				2.83			
△12	S.D. 23.33' V.D. 20.14' H.D. 11.78'	59°40' Up	S60°30'E		1.08	+22.44'	Bent Spad in board at top of ladder.
T△12				1.25			
△13	8.50'		N 18°E		.96	+22.73'	Spad at North end of top of Orechute.
T△13				.96			
△14	S.D. 38.50' V.D. 26.26' H.D. 28.16'	43° Up	S 2°W		.00	+49.95'	Spad in Southwall of Shear Zone Incline Stope. Spad is 3.5 ft. south of 16" shear (S-N74°W)
T△14				-.50			
△15	S.D. 25.83' V.D. 14.35' H.D. 21.68'	33°30' Down	S 71°E		.00	+35.10'	Ridge between two N16°E Fissures. △15 is East of Fissure 3 ft. wide (S-N16°E) (D-70°-80°W) △15 is West of Fissure 4 ft. wide (S-N16°E) (D-70°W)
T△15				.00			
△16	3.00'		N28°E		5.00	+30.10'	Hole in bottom of Fissure Stope
△17	12.00'		N 18° E		2.00	+33.10'	North End of Fissure Stope.

(77)
Item 16

Nevada Monarch Consolidated Mines Corporation

To The Shareholders:

The Balance Sheet previously sent to the shareholders indicated the financial position of the Company at the end of the year and shows the amount expended in diamond drilling at the Black Forest Mine as being $33,658.08, while the supplementary sheet attached shows the individual expenditures in connection with this work.

The diamond drilling was all performed from F. Level and while objectives were not reached in either Nos. 1 or 3 Holes, some interesting ore intersections were encountered and valuable geological information obtained in all three holes. Total footage drilled 3,572 ft.

No. 1 Hole was drilled at -74 degrees bearing approx. S. 45 degrees W. and intersected carbonate ores as indicated by sludges from footage 165-185 of which 180-185' was commercial, assaying 8.3 ozs. Ag, 3.8% Pb and 1.5% Zn. Carbonates were also encountered at footage 275-285, assays of which were too low to be of interest.

Sulphide ore was encountered from footage 600-611 ft. of which a small sample of core assayed .020 ozs. Gold, 6.4 ozs. Ag, 8.8% Pb, 5% Zn., .61% Cu and 24% Arsenic.

Sludge samples assayed as follows:

600-605'	.010 oz. Gold,	6.1 oz. Silver,	.4% Lead,	2% Zinc,	13.8%	As
605-610'	.010 oz. Gold,	5.2 oz. Silver,	3.2% Lead,	8.2% Zinc,	21.8%	As
610-615'	.010 oz. Gold,	3.0 oz. Silver,	0.6% Lead,	1.5% Zinc,	12.4%	As

Small amounts of sulphides were encountered at various places below 600 ft. principally disseminated pyrite with small amounts of galena and sphalerite. Some oxidized streaks were also encountered as deep as footage 852.

Pyrite with galena and sphalerite occurred at footages 897 and 908 and 1135. A small section of core at 898" assayed trace in Gold, 4.6 ozs. Silver, 2.2% Lead, 3.6% Zinc.

6" of core at 1135' assayed: Trace in Gold, 2.6 ozs. Silver, 2.8% Lead, 4.4% Zinc.

The formation passed through consisted of generally Dolomitic rocks; Dolomitized Limestone with small bands of crystalline Limestones some of which were also highly silicified. Much broken ground was encountered and the percentage of core lost was high but sludges of almost every 5 ft. drilled were obtained. A large percentage of these has not yet been assayed.

No. 1 Hole ran into bad ground at footage 1250 and although every effort was made short of reaming the hole, the bit was not recovered and the hole was abandoned for the time being.

No. 2 Hole was drilled from practically the same setup as No. 1 at an angle of -74 degrees but bearing N. 45 degrees W., the purpose being to intersect the sulphides shown in No. 1 at 600-610 ft. The first 150 ft. of this hole was in altered porphyry and altered limestone evidently at the contact of these rocks. Some copper stain and oxides were shown but no commercial assays were obtained from sludges. The balance of the hole was in Dolomites and Crystalline Limestone. The hole was stopped at footage 815 in a rather fine grained silicified limestone similar to a bed showing in E. Level approximately 1000 ft. west of the bottom of this hole. This would suggest a vertical displacement of about 1000 ft. on a fault very close to the collar of the hole. There is also evidence of this fault on the surface, east of the portal of E. Level. This information may be valuable if drilling is undertaken to the northeast.

Hole No. 3 was spotted near the end of F.2 Drift 470 ft. southwest of the collar of Hole No. 1 and was drilled at -20 degrees bearing S. 50 degrees W. for the purpose of cutting the continuation of fissures which carried attractive mineralization where encountered on E. Level. This hole reached a depth of 1507 ft. after passing through some exceptionally bad drilling ground around footage 1063. Valuable geological data was obtained.

An interesting patch of sulphides was shown on one side of the core at footage 378 being a mixture of Iron, Lead and Zinc sulphides. The sludge, however, at footage 375-380 assayed Trace in Gold, 1.2 ozs. Silver, 1.8% Lead, 0.10% Copper 1.0% Zinc.

Interesting sludges were shown at footage 430-450 from much broken core. The sludge from 435-440 assayed 0.01 ozs. Gold, 10.4 ozs. Silver, 2.2% Lead, .81% Copper, 13.3% Zinc.

An effort was made by plotting Holes Nos. 1 and 3 on the same plane to correlate possible faults and ore indications in the cores with those encountered on E. Level, with rather doubtful results.

It is fairly certain, however, that the bit in Hole No. 1 is stuck in the Dutch Fissure. The Hole would have to be continued about 300 ft. further to cut the fissure developed by E. 10 and E. 16 Crosscuts with the possibility also of getting ore of a grade similar to that encountered near Station 122 or the intersection of E. 16 Crosscut with E. Level. No. 2 Fault shown on E. Level might also be encountered near this point.

On the whole the information gained by the footage drilled is valuable and warrants a continuation of drilling to greater depth. It is proposed that the surface hole spotted near the Spence Shaft should be drilled next with an objective of not less than 2,500 ft. and Hole No. 1 should be reamed and cased to its present depth and an effort made to continue it for another 1200 ft.

While the possibilities of encountering substantial sulphide orebodies at depth are still promising the mine at the present time is without important ore reserves and must still be considered as being in the exploratory stage.

NEVADA MONARCH CONSOLIDATED MINES CORPORATION,

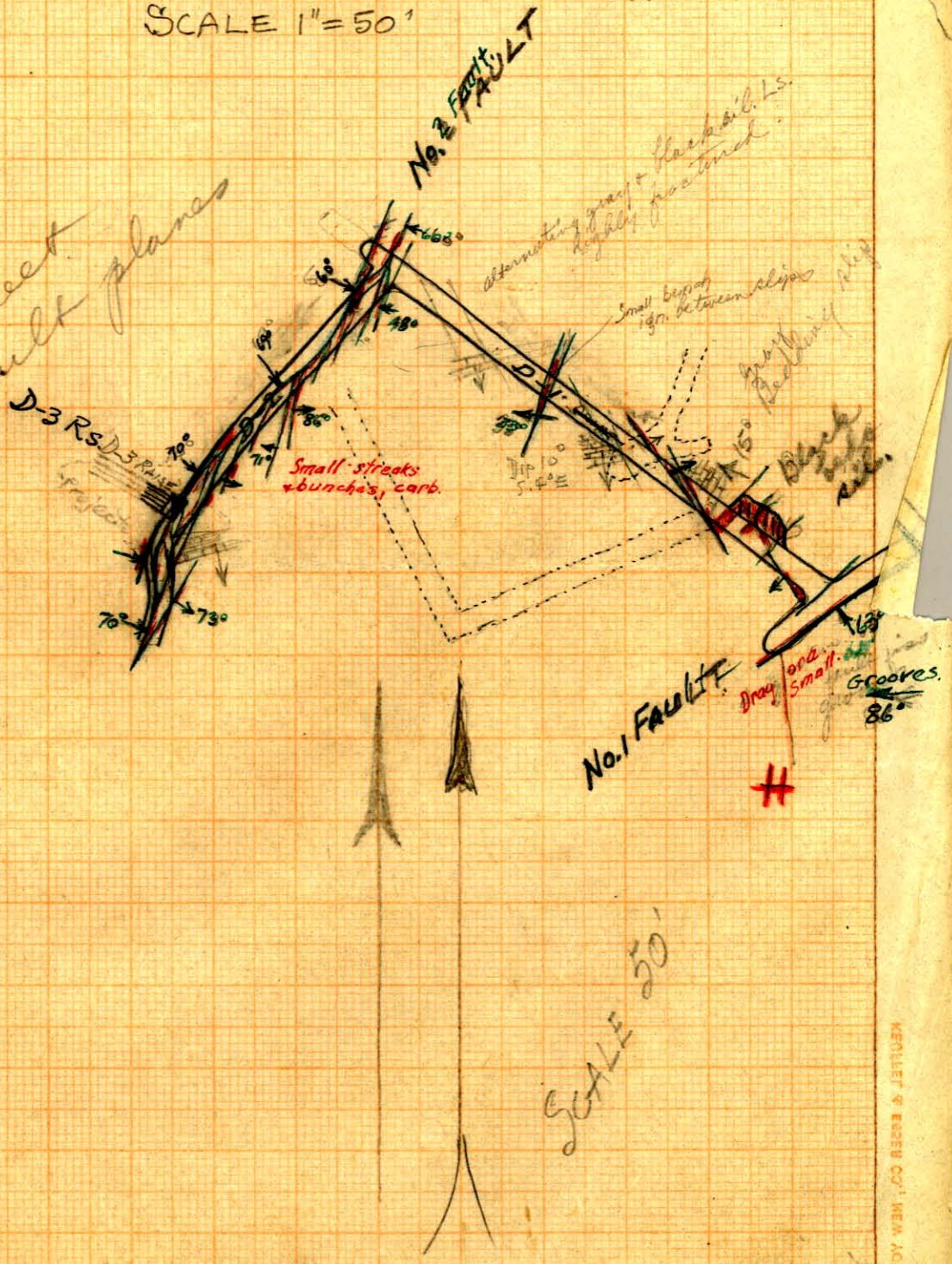
W. M. ARCHIBALD,
President.

(77)
Item 16

BLACK FOREST

UPPER TUNNEL LEV.
OR D-LEVEL 3/3/29 Sunday
DWH

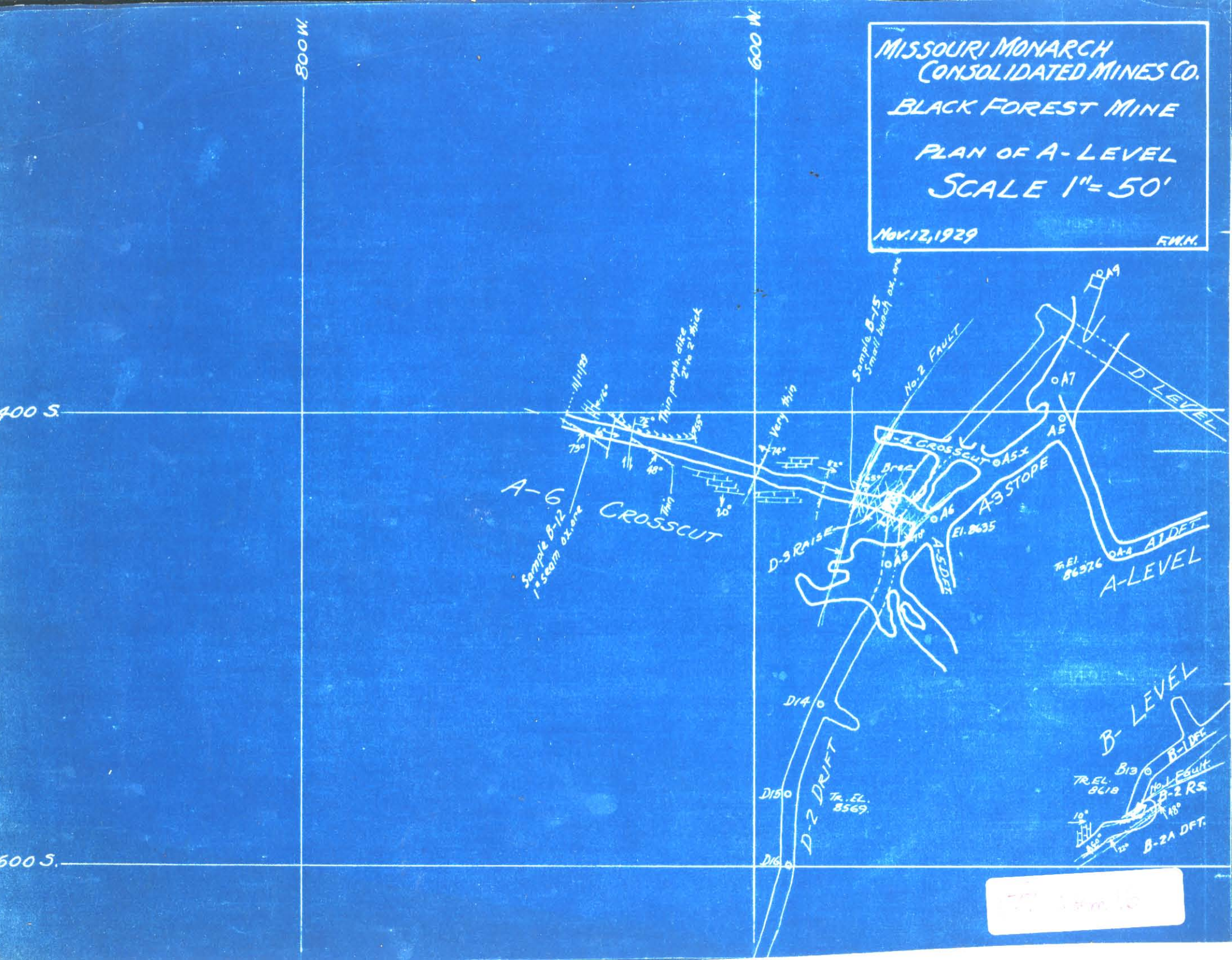
SCALE 1" = 50'

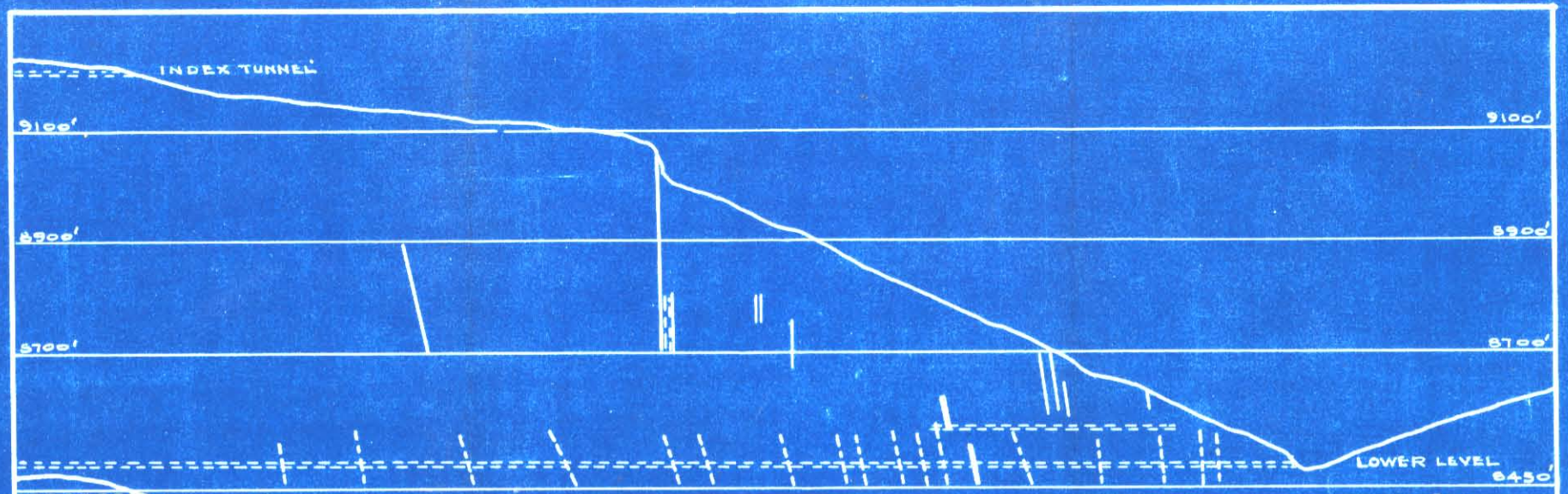


Green on this sheet represents fault planes

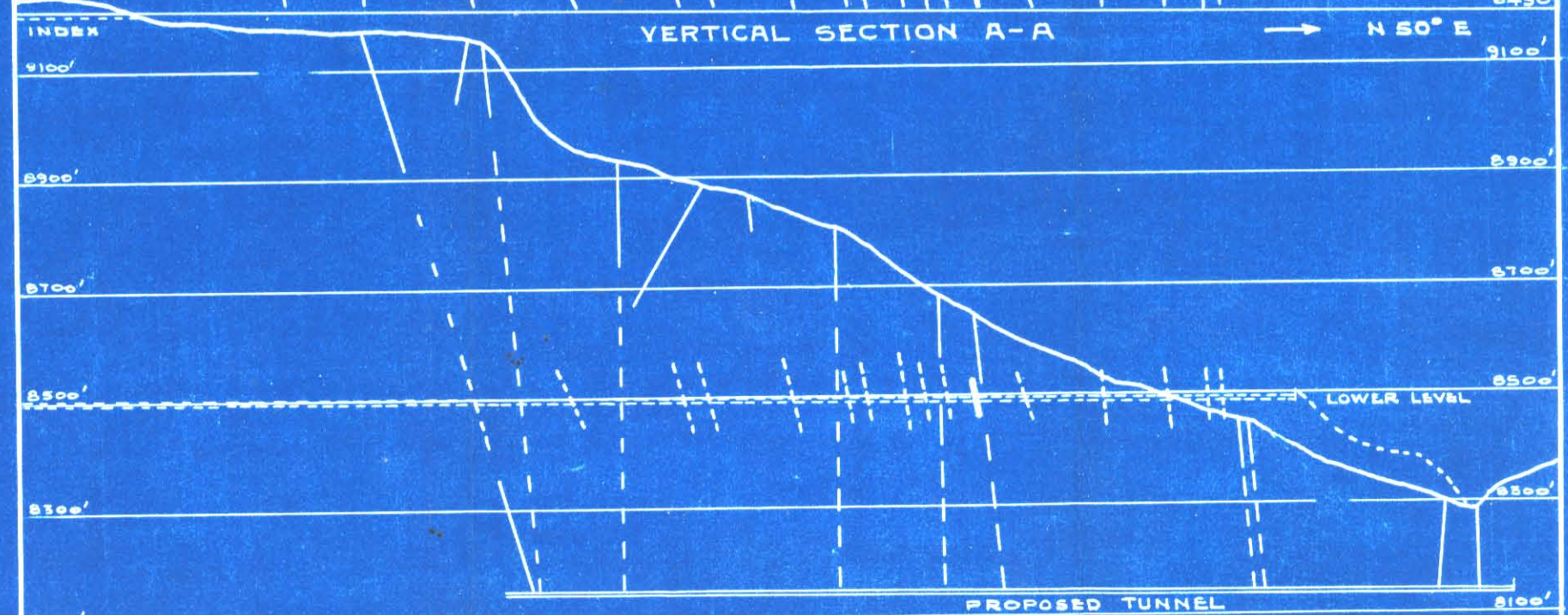
SCALE 30'

KEUFFEL & ESSER CO., NEW YORK NO. 358 C.R.


MISSOURI MONARCH
CONSOLIDATED MINES CO.
BLACK FOREST MINE
PLAN OF A-LEVEL
SCALE 1" = 50'
Nov. 12, 1929
F.W.H.
800 W.
600 W.
400 S.
500 S.
A-6 CROSSCUT
Sample B-12
1" seam ox. ore
Thin porph. dike
2" to 2' thick
Very thin
Sample B-15
Small bunch ox. ore
No. 2 FAULT
A-4 CROSSCUT
A5-X
A3 STOPE
Brec.
A6
El. 8635
D-3 RAISE
A-5 DFT.
A8
A9
A7
A5
D LEVEL
A-4
A1 DFT.
Tr. El. 8697.6
A-LEVEL
D14
D15
D16
D-2 DRIFT
Tr. EL. 8569.
B- LEVEL
B-1 DFT.
B13
Tr. EL. 8618
No. 1 FAULT
B-2 RS.
B-2A DFT.



VERTICAL SECTION A-A → N 50° E



VERTICAL SECTION X-X → N50° E

VERTICAL SECTIONS SHOWING N-W FISSURES

No. 1-S

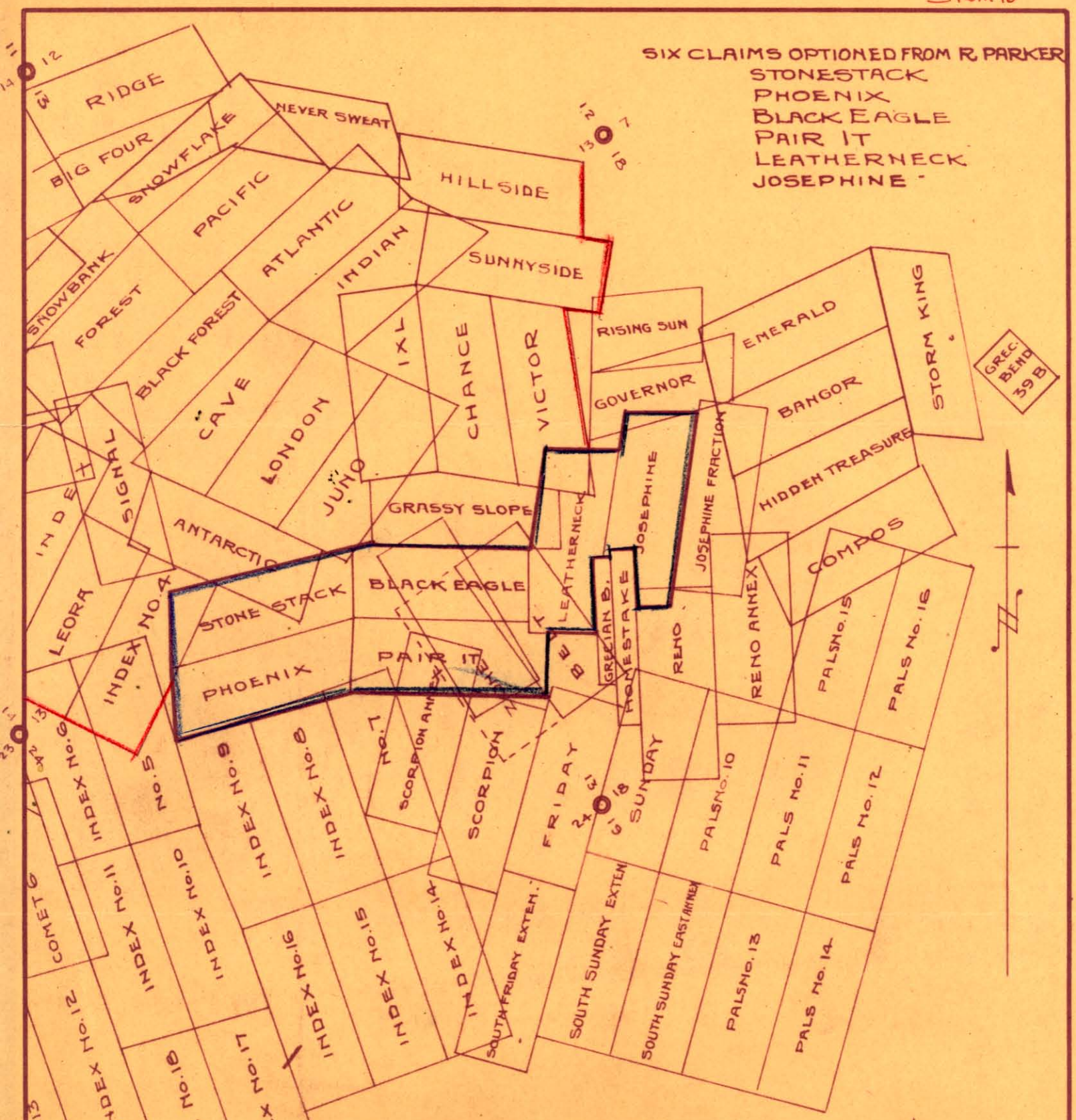
BLACK FOREST MINE, ELKO CO. NEV.

SCALE 1" = 300'

AUG. 24, 1933

WR.

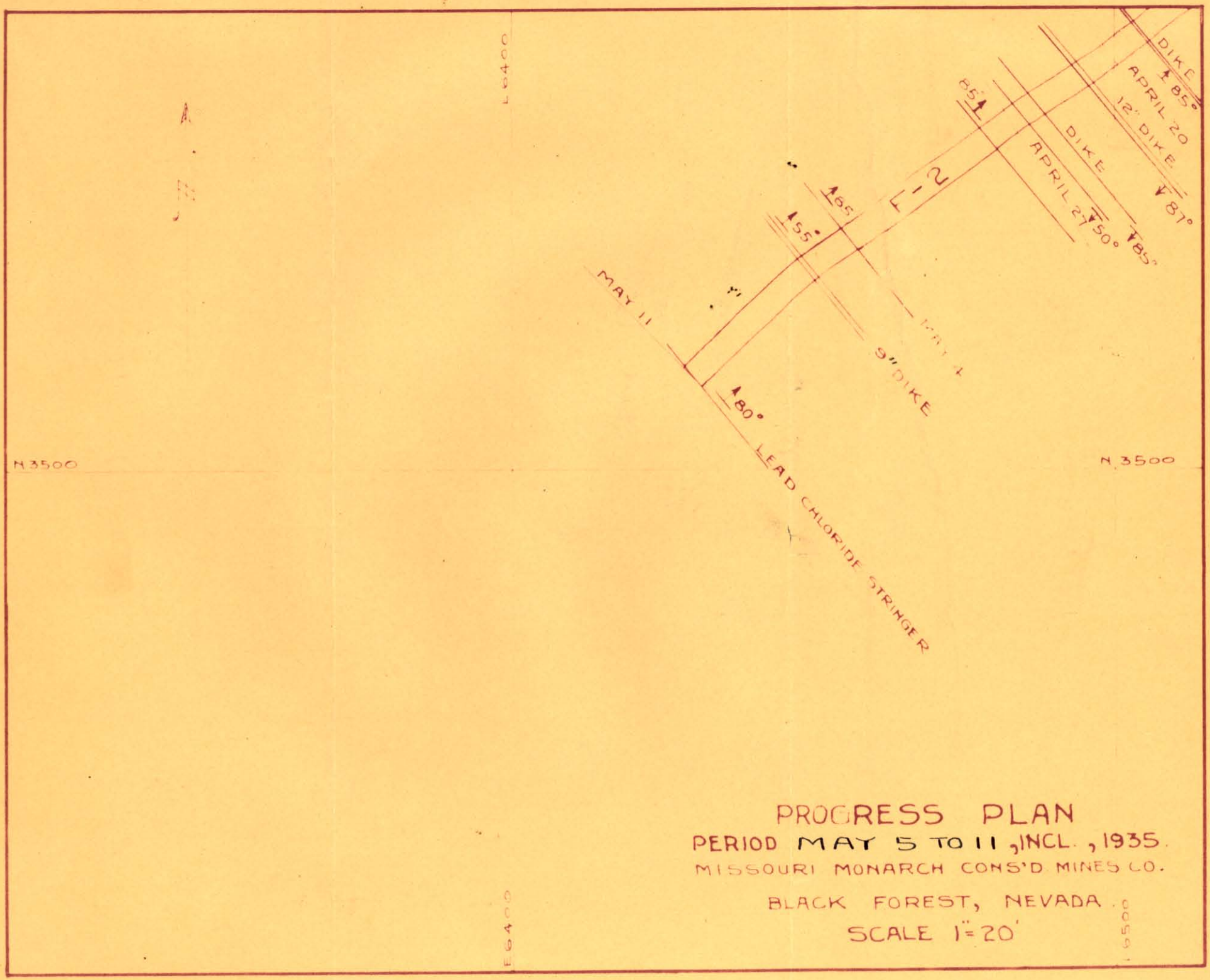
(77)
Item 16



SPRUCE MOUNTAIN MINING DISTRICT.
EAST END
FROM MAP OF J. L. VANDIVER, C.E. 1930.
SCALE 1" = 1000'

MISSOURI MONARCH CONSOLIDATED MINES CO
BLACK FOREST, NEVADA.
JUNE 20, 1935.

77 Item 16



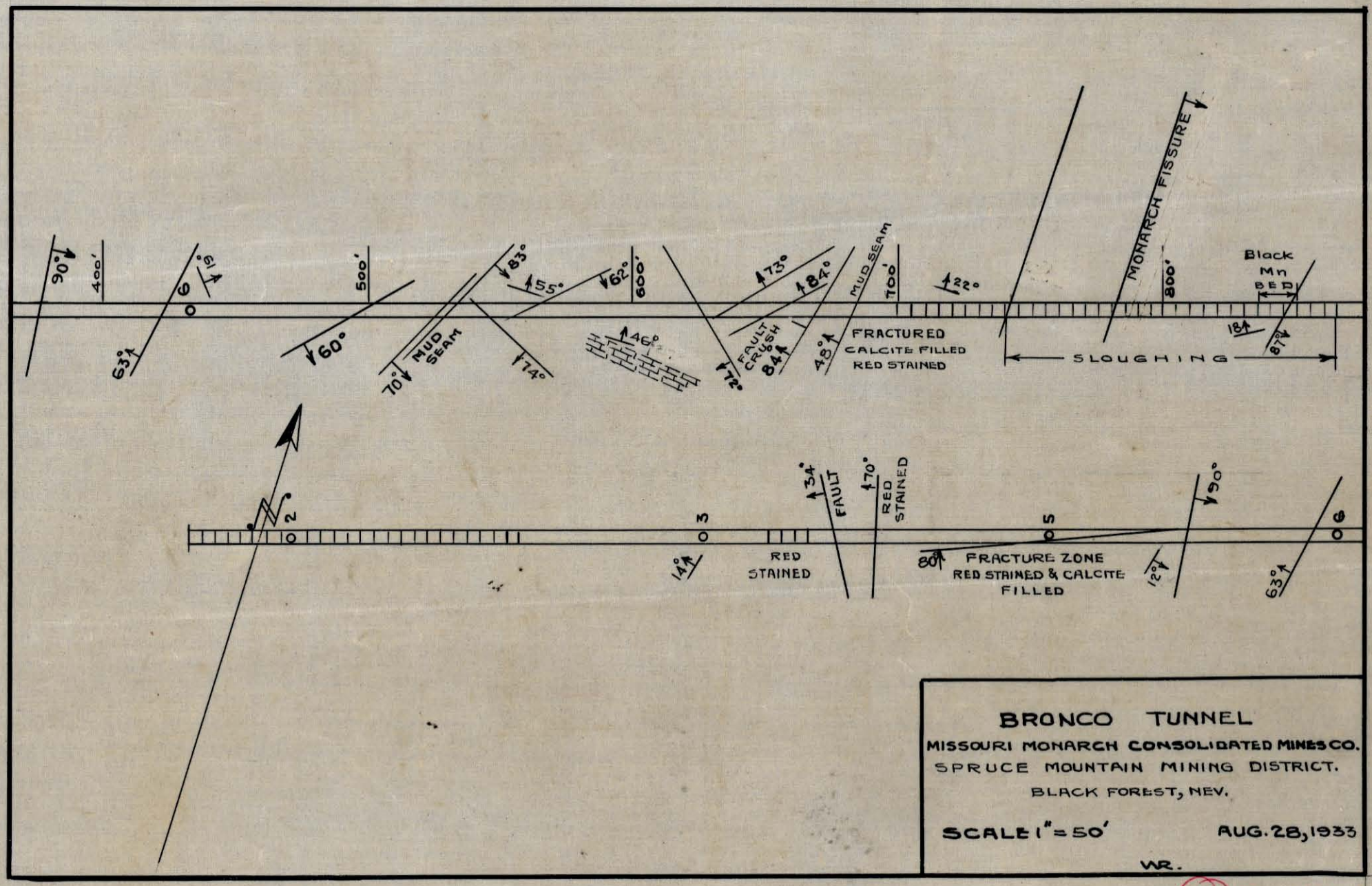
PROGRESS PLAN

PERIOD MAY 5 TO 11, INCL., 1935.

MISSOURI MONARCH CONS'D MINES CO.

BLACK FOREST, NEVADA.

SCALE 1" = 20'


90°
400'
19°
6
63°
500'
60°
MUD SEAM
70°
83°
55°
14°
62°
600'
46°
73°
FAULT CRUSH
84°
72°
84°
MUD SEAM
48°
FRACTURED
CALCITE FILLED
RED STAINED
700'
22°
MONARCH FISSURE
800'
Black Mn BED
18°
87°
SLOUGHING
2
3
14°
RED STAINED
34°
FAULT
70°
RED STAINED
5
80°
FRACTURE ZONE
RED STAINED & CALCITE FILLED
12°
90°
6
63°
BRONCO TUNNEL
MISSOURI MONARCH CONSOLIDATED MINES CO.
SPRUCE MOUNTAIN MINING DISTRICT.
BLACK FOREST, NEV.
SCALE 1" = 50'
AUG. 28, 1933
WR.

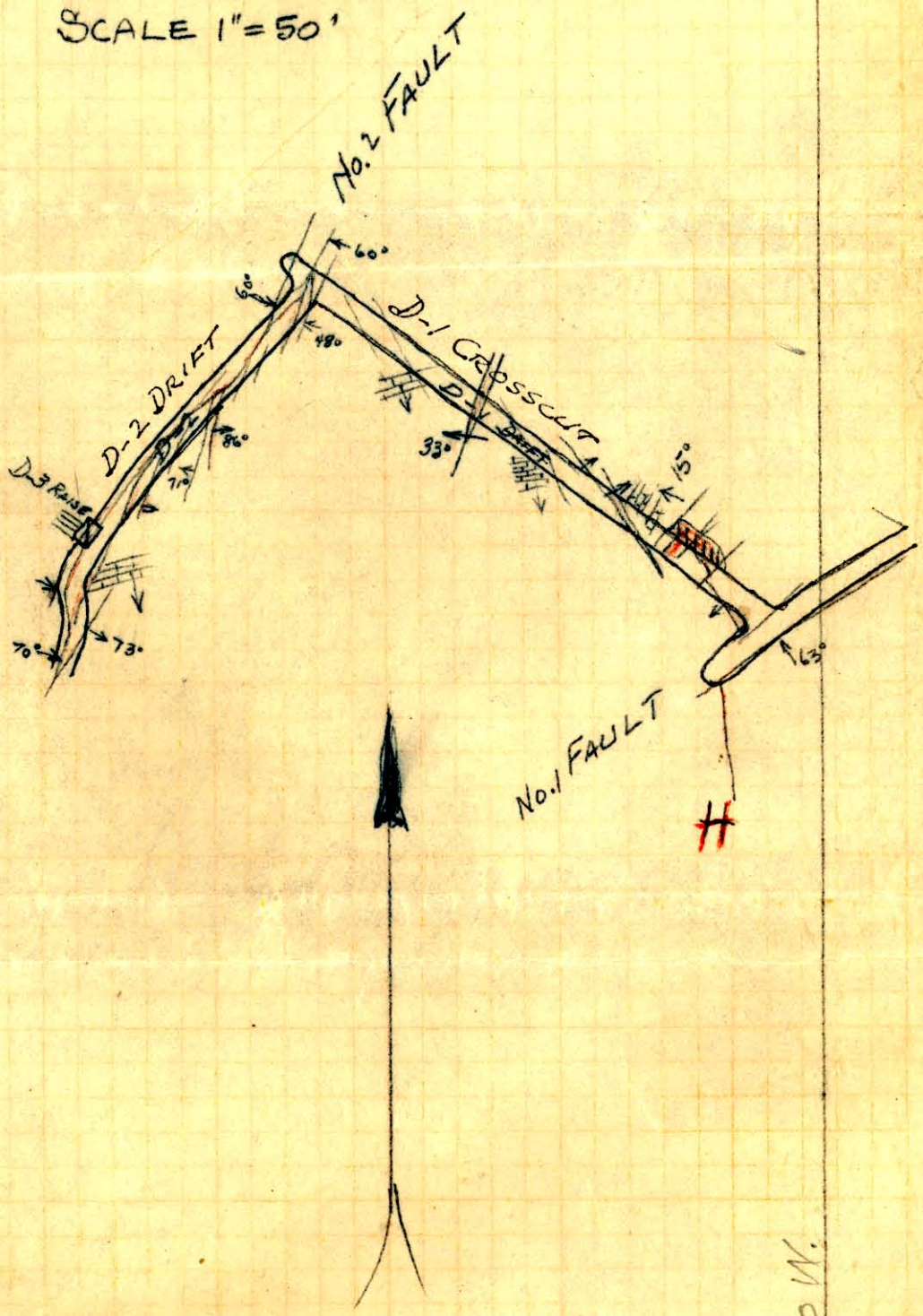
77 Item 16

(77)
Item 16

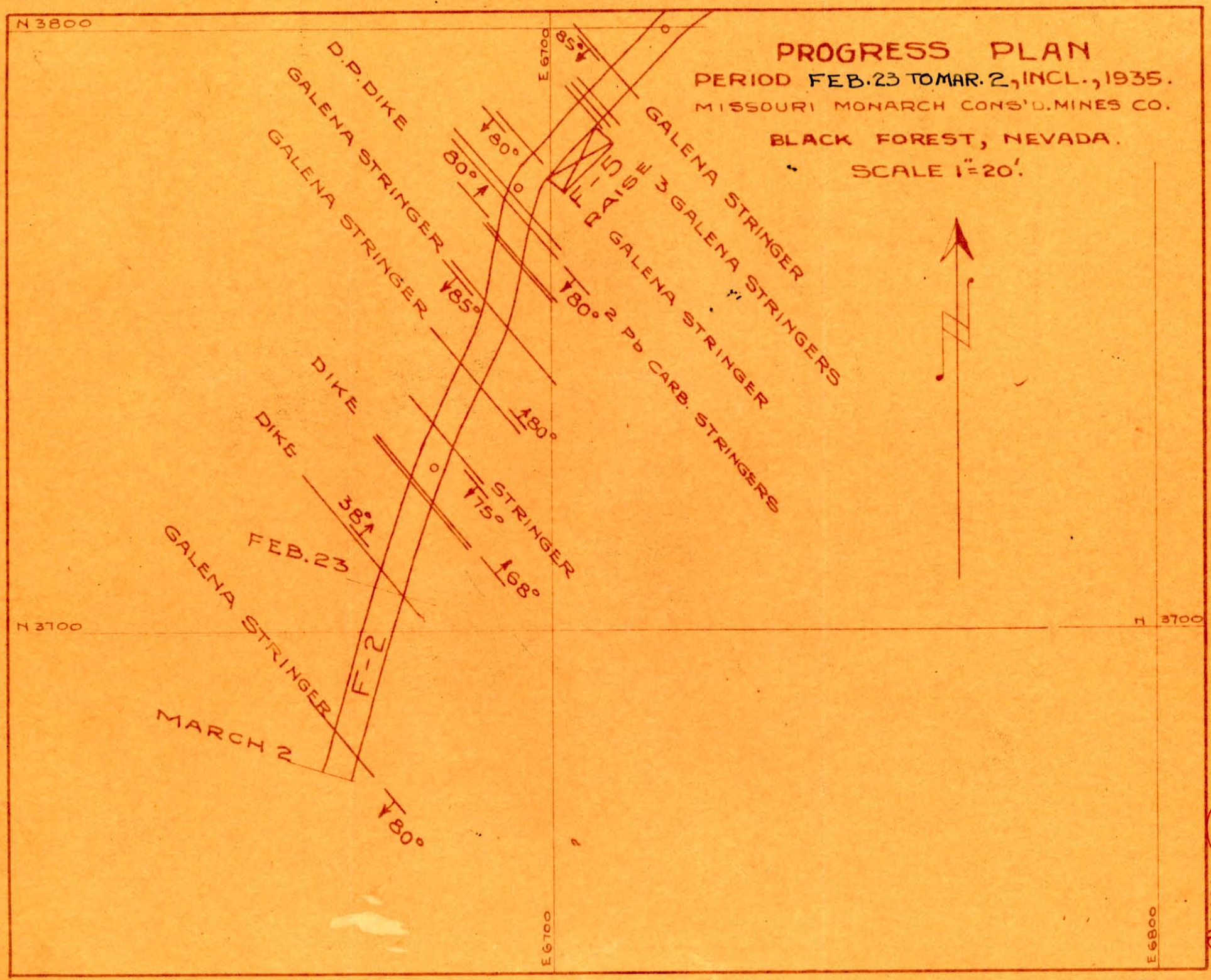
BLACK FOREST

UPPER TUNNEL LEV. OR D-LEVEL

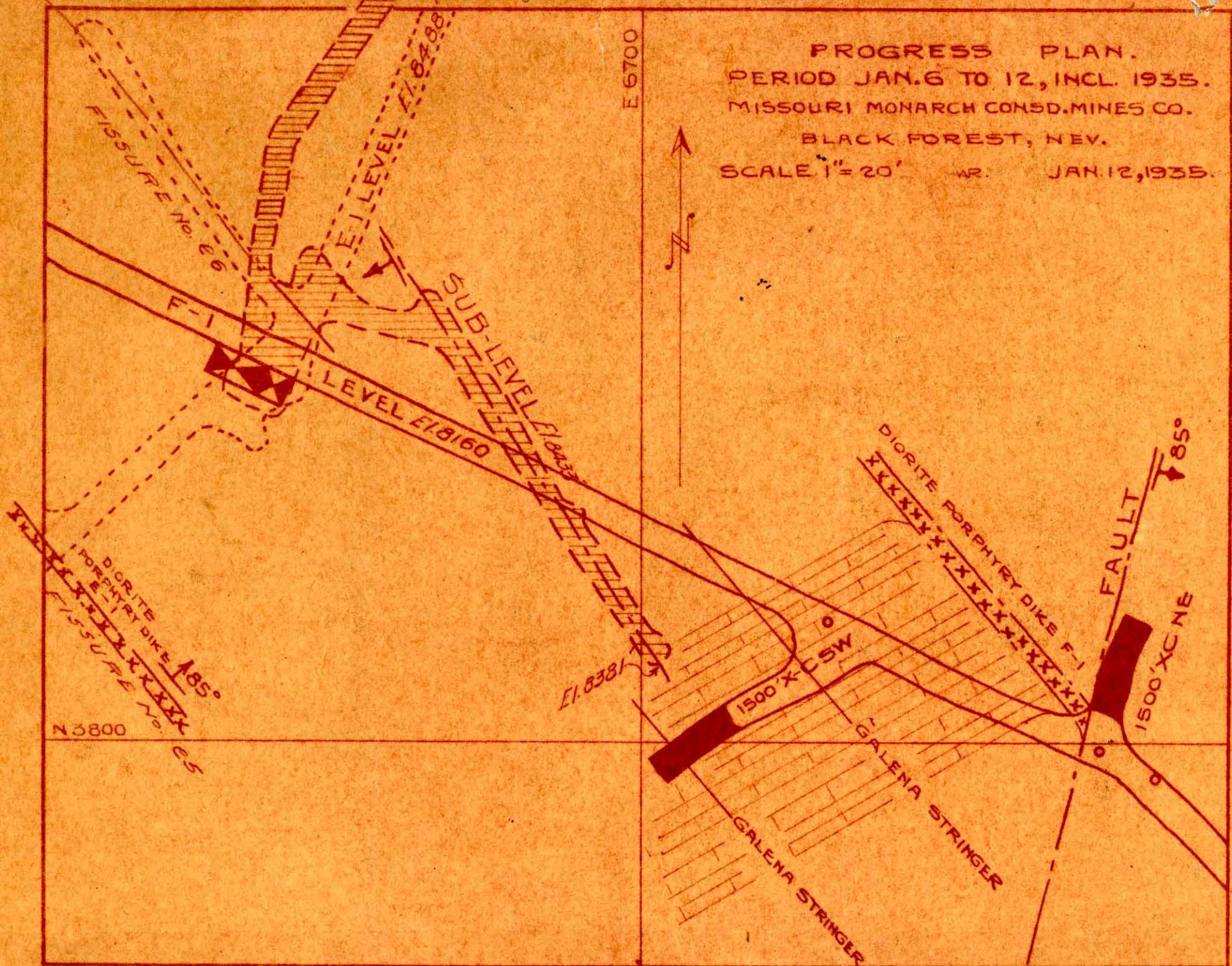
SCALE 1" = 50'



1400 W.


PROGRESS PLAN
PERIOD FEB. 23 TO MAR. 2, INCL., 1935.
MISSOURI MONARCH CONS'D. MINES CO.
BLACK FOREST, NEVADA.
SCALE 1" = 20'.
N 3800
N 3700
E 6700
E 6800
D.P. DIKE
GALENA STRINGER
GALENA STRINGER
DIKE
DIKE
GALENA STRINGER
FEB. 23
MARCH 2
F-2
STRINGER
GALENA STRINGER
GALENA STRINGER
GALENA STRINGERS
2 Pb CARB. STRINGERS
RAISE 3
E-5
85°
80°
80°
85°
80°
80°
75°
68°
38°
80°

(77) Item 16


PROGRESS PLAN.
PERIOD JAN. 6 TO 12, INCL. 1935.
MISSOURI MONARCH CONSD. MINES CO.
BLACK FOREST, NEV.
SCALE 1" = 20'
JAN. 12, 1935.
E 6700
N 3800
FISSURE No. E6
FISSURE No. E5
E.J. LEVEL El. 8488
SUB-LEVEL El. 8433
LEVEL El. 8160
El. 8381
F-1
DIORITE PORPHYRY DIKE
85°
1500' XC SW
1500' XC NE
GALENA STRINGER
FAULT

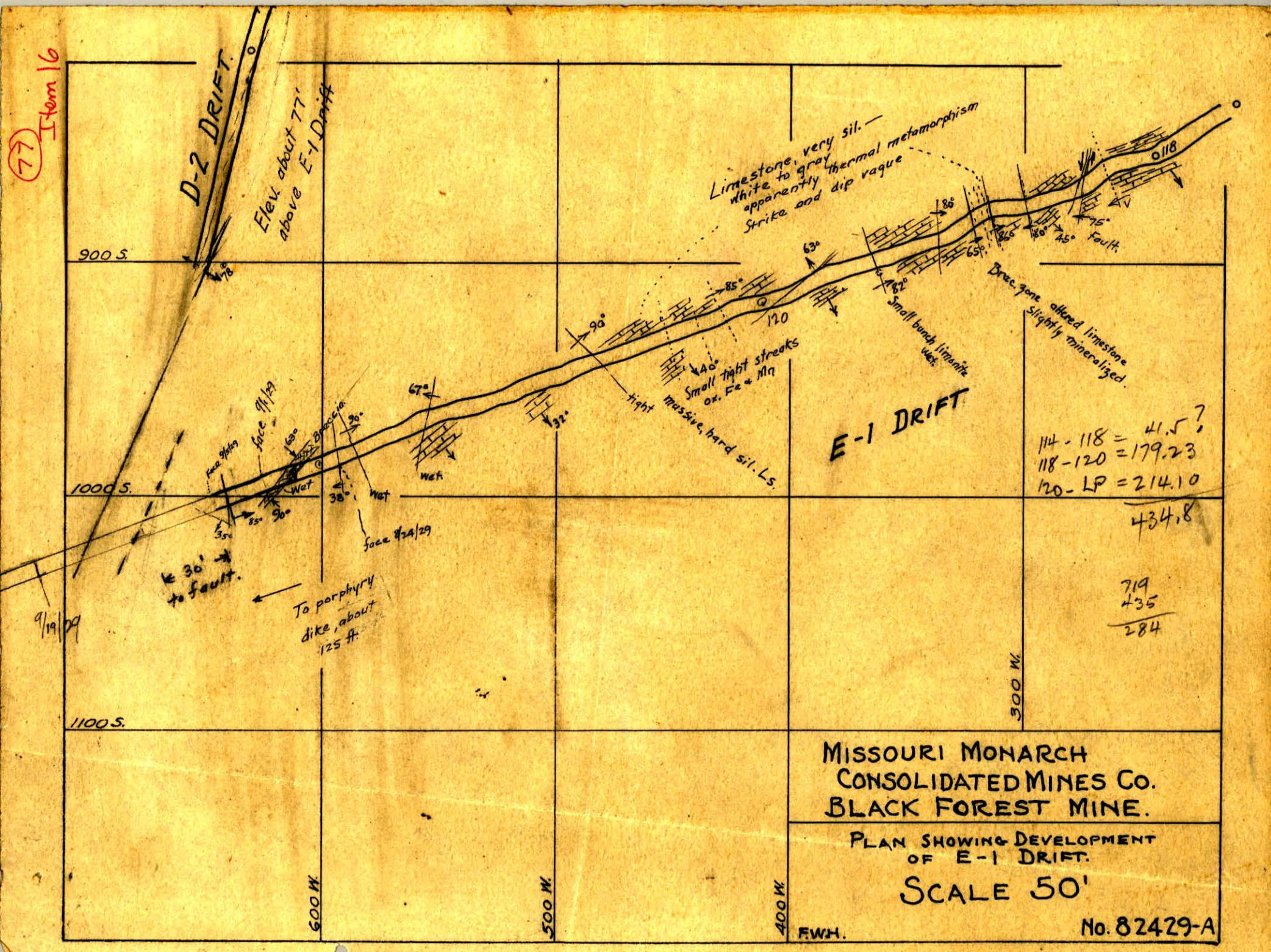
Item 16

PROGRESS PLAN
PERIOD
MISSOURI MONARCH CONS. MINES CO
BLACK FOREST, NEVADA
SCALE 1"=20'
GALENA STRINGER
GALENA STRINGERS
GALENA STRINGER
Pb CARB STRINGERS
DIKE
GALENA STRINGER
GALENA STRINGER
DIKE
DIKE
STRINGER
FEB. 25
GALENA STRINGER
MARCH 2
F-2
T80°
80°
T65°
T80°
48°
75°
38°
68°
T80°

Item 16

77

(77) Item 16



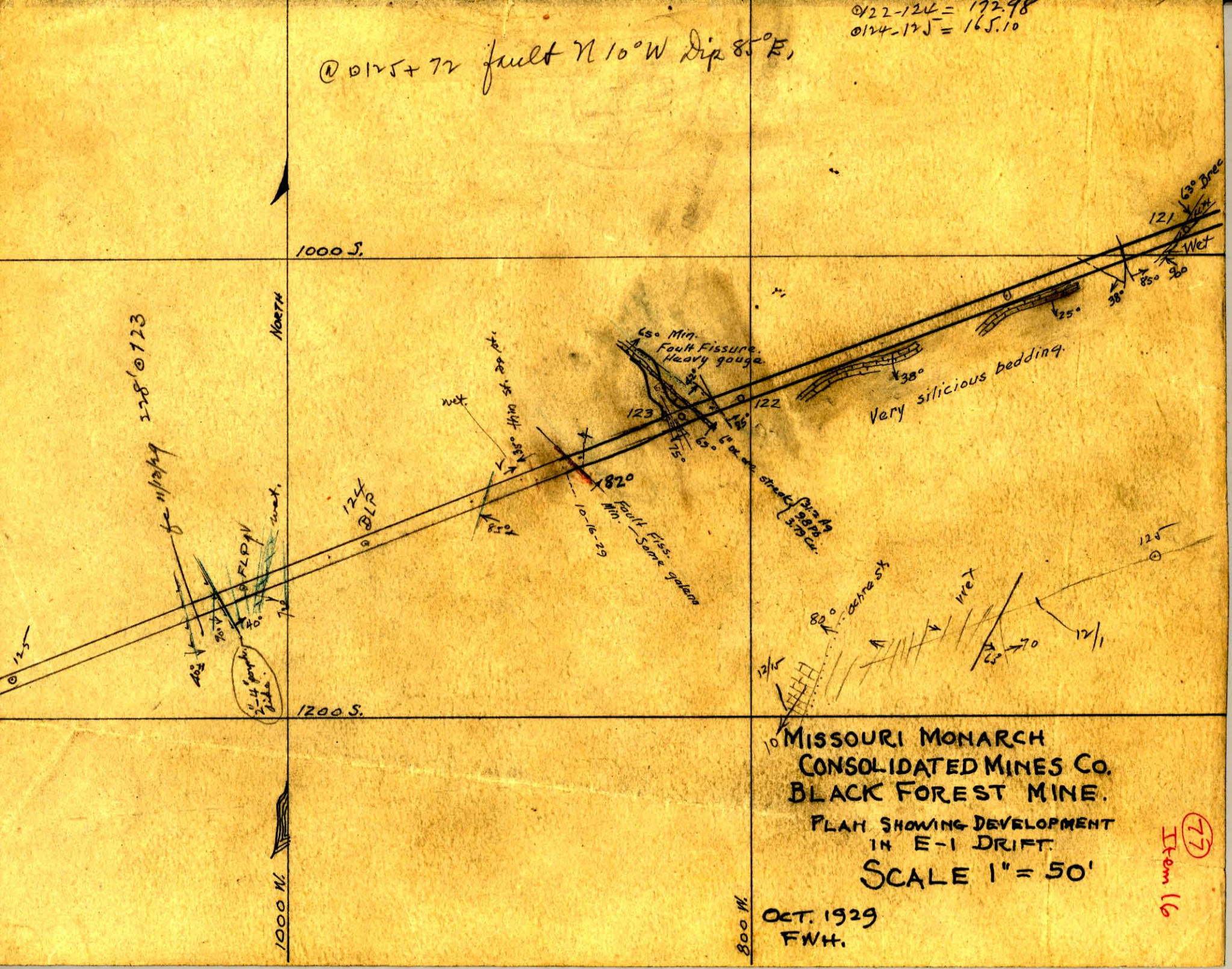
MISSOURI MONARCH CONSOLIDATED MINES CO.
BLACK FOREST MINE.

PLAN SHOWING DEVELOPMENT OF E-1 DRIFT.

SCALE 50'

F.W.H.

No. 82429-A



MISSOURI MONARCH
CONSOLIDATED MINES CO.
BLACK FOREST MINE.

PLAN SHOWING DEVELOPMENT
IN E-1 DRIFT.

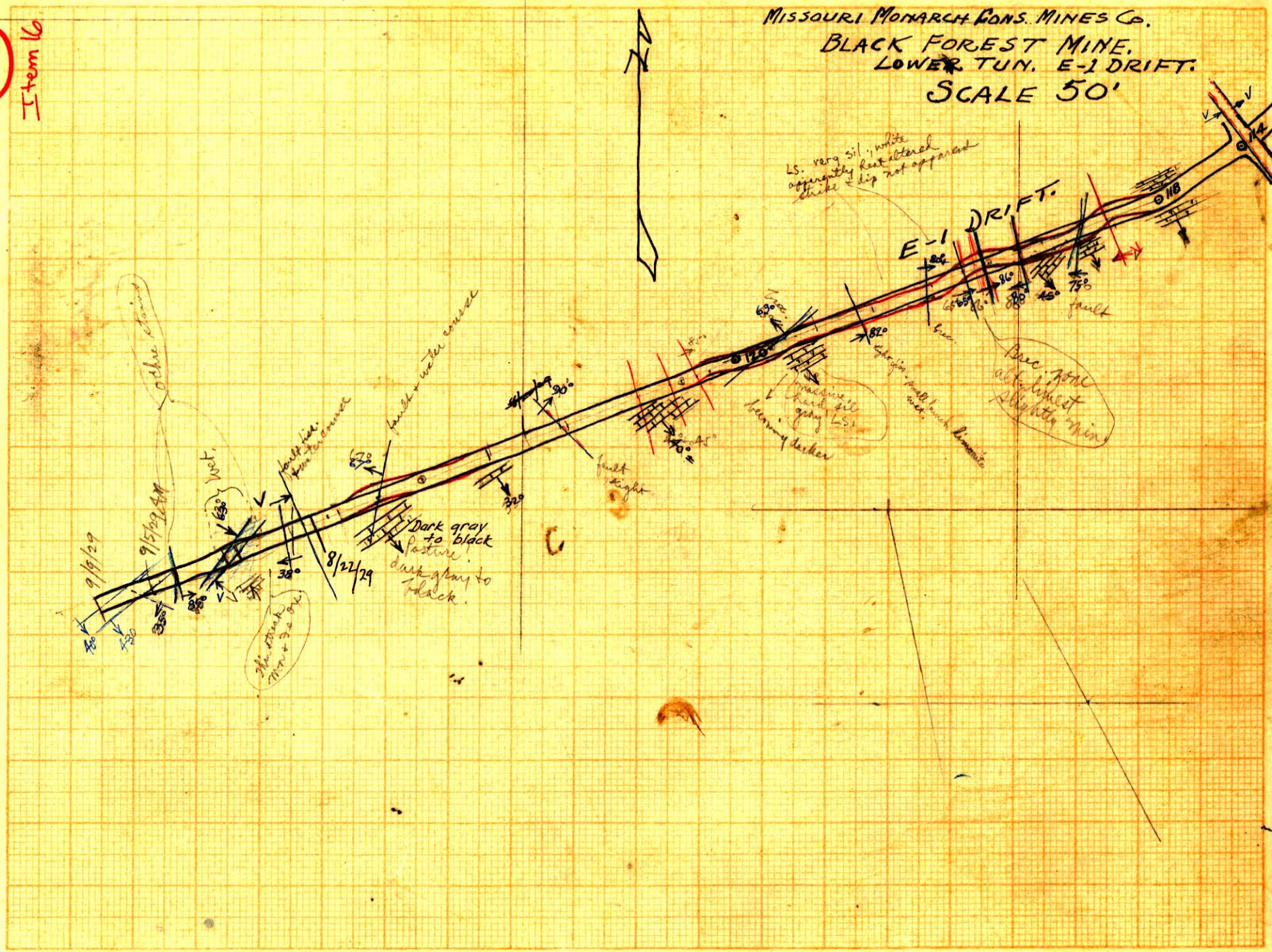
SCALE 1" = 50'

OCT. 1929
FWH.

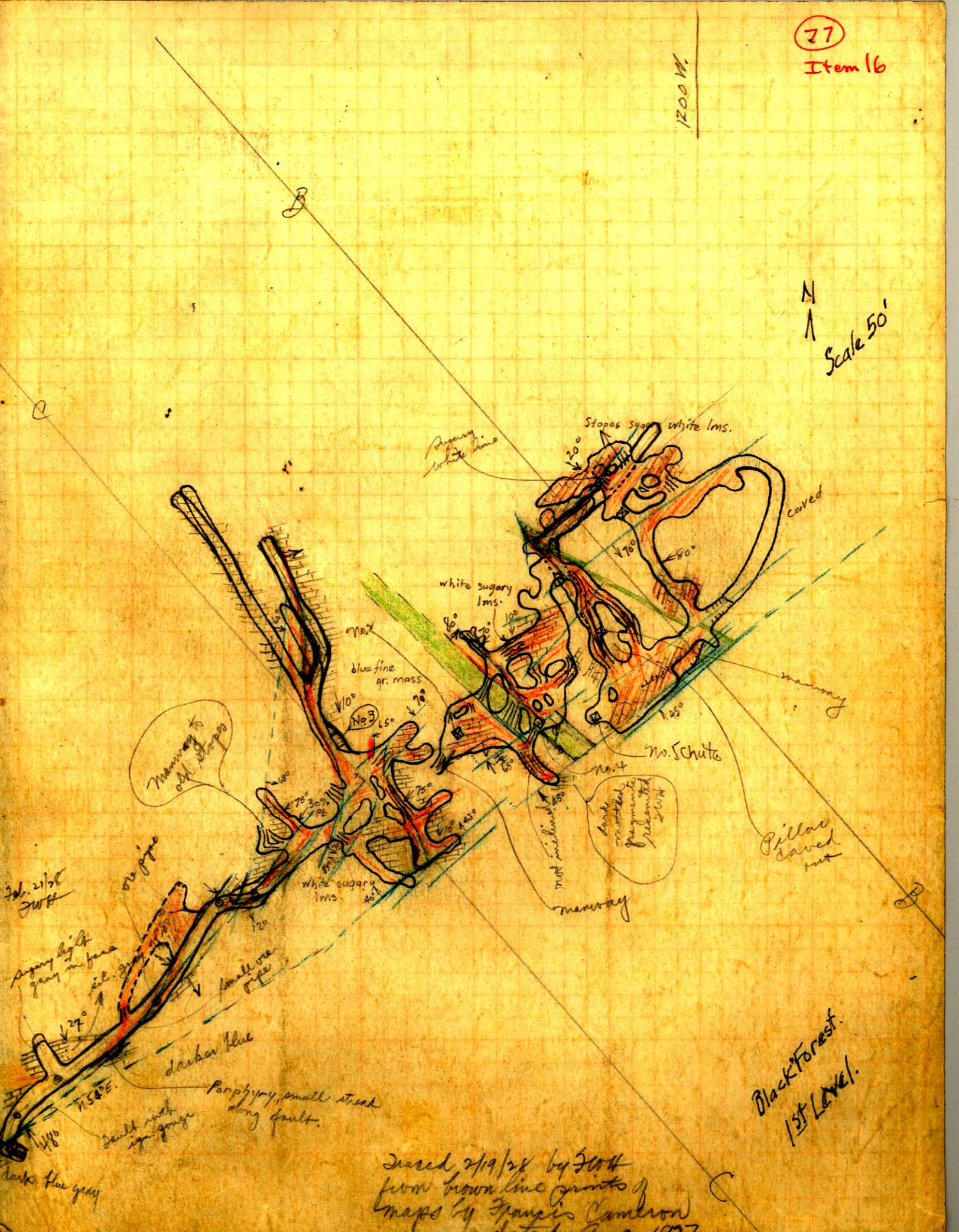
Item 16

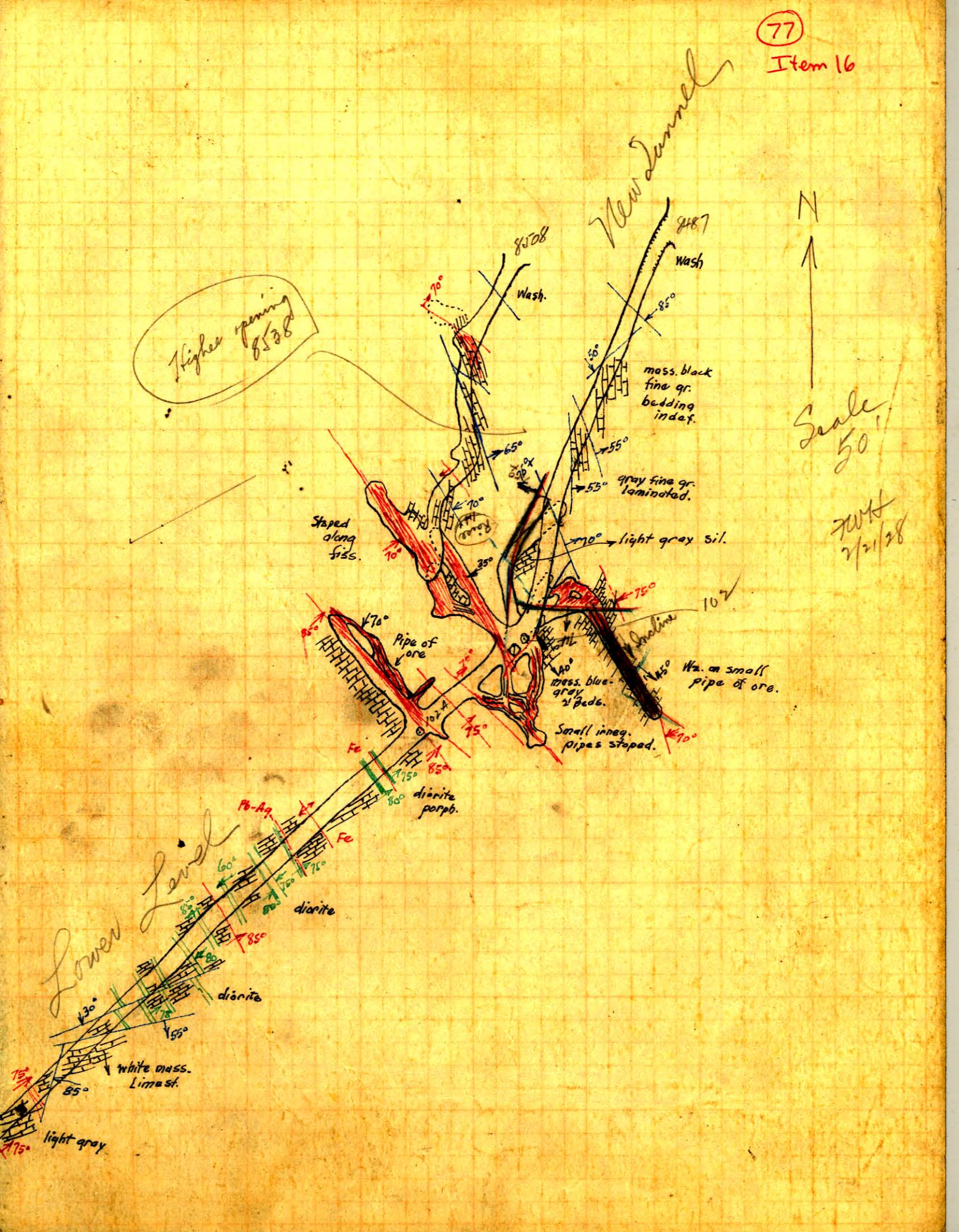
77

Item 16


MISSOURI MONARCH CONS. MINES CO.
BLACK FOREST MINE.
LOWER TUN. E-1 DRIFT.
SCALE 50'
N
E-1 DRIFT.
LS. very sil., white
apparently heat altered
strike & dip not apparent
fault
Brec.
Brec. alt. zone almost slightly min.
Massive hard sil. gray LS.
becoming darker
fault right
fault + water course
fault tie. + entrance
Dark gray to black
Pasture
dark gray to black.
8/22/29
9/5/29
9/6/29
Wet.
ochre stains
114
118

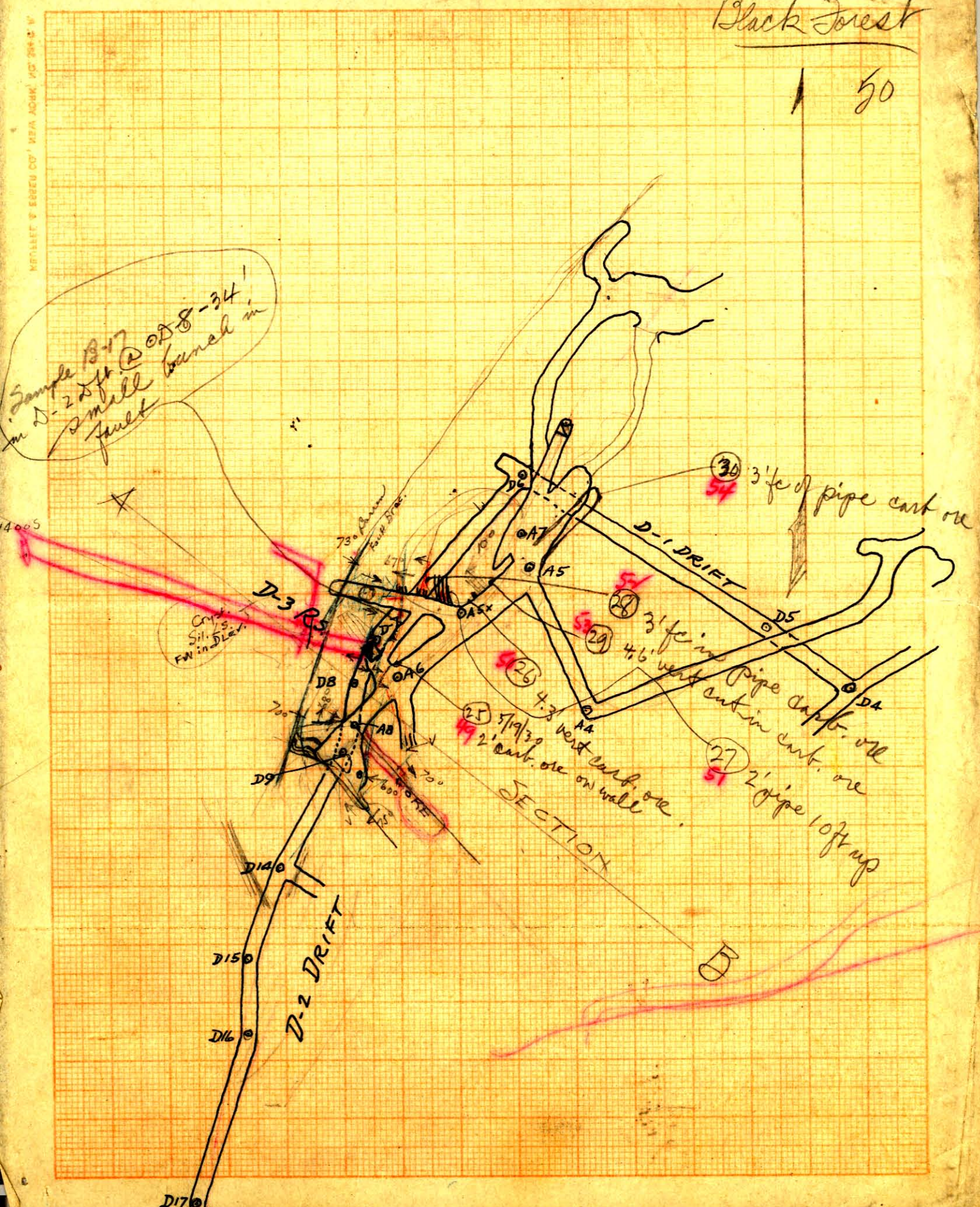
77
Item 16


1200 W.
N
Scale 50'
Stopes sugary white lms.
sugary white lime
caved
white sugary lms.
blue fine gr. mass
No. 3
manway old stopes
No. 5 chute
No. 4
manway
Pillar caved out
manway
white sugary lms.
ore pipe
sugary light gray in face
small ore pipe
darker blue
Porphyry, small streak along fault.
N 58° E.
fault with sign. gouge
dark blue gray
Black Forest 1st Level.
Traced 2/19/28 by Scott from brown line prints of maps by Francis Cameron

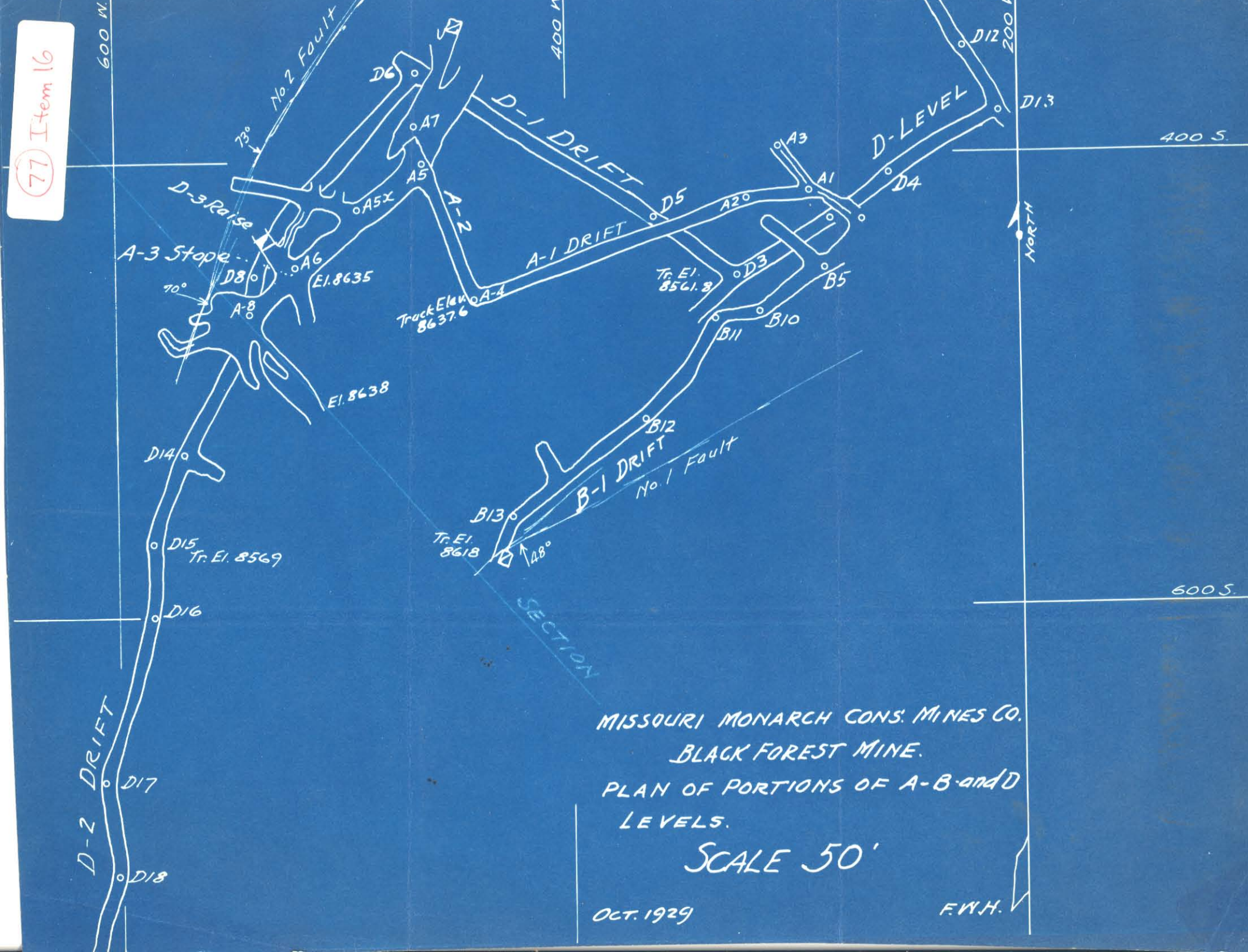

New Drift
Higher opening 8538
8508
8487
Wash.
Wash
N
Scale 50'
mass. black fine gr. bedding indef.
gray fine gr. laminated.
light gray sil.
Stoped along fiss.
Pipe of ore
mass. blue-gray 21 beds.
Wa. on small pipe of ore.
Small inreg. pipes stoped.
Shaline
102
diorite porph.
Pb-Ag.
Fe
diorite
Lower Level
white mass. Limest.
light gray

77 Item 16

Black Forest

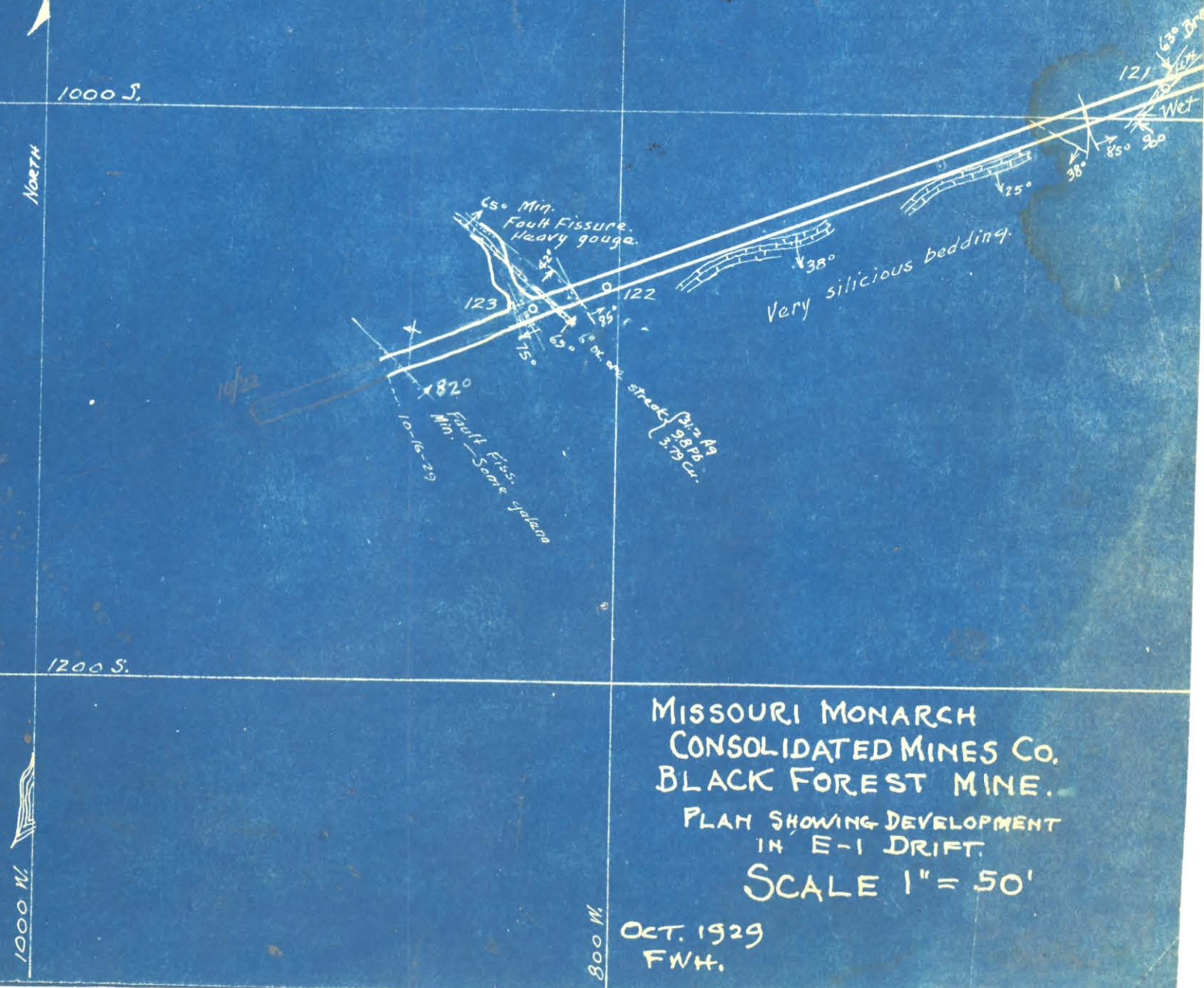


77 Item 16



MISSOURI MONARCH CONS. MINES CO.
BLACK FOREST MINE.
PLAN OF PORTIONS OF A-B and D LEVELS.
SCALE 50'
OCT. 1929
F.W.H.

(77) Item 16

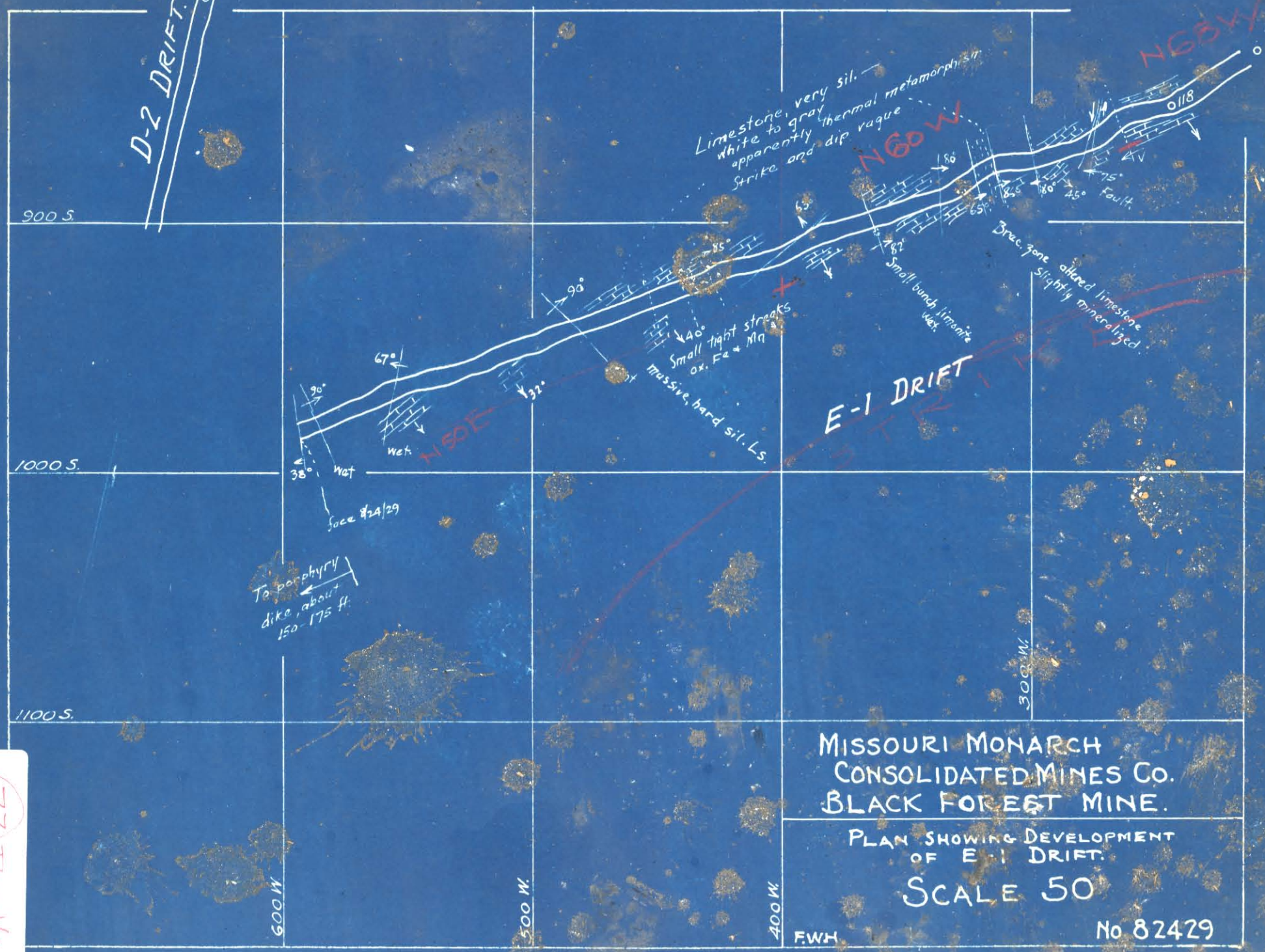


MISSOURI MONARCH
CONSOLIDATED MINES CO.
BLACK FOREST MINE.

PLAN SHOWING DEVELOPMENT
IN E-1 DRIFT.

SCALE 1" = 50'

OCT. 1929
FWH.


D-2 DRIFT.
900 S.
1000 S.
1100 S.
600 W.
500 W.
400 W.
300 W.
Limestone, very sil. white to gray apparently thermal metamorphism
Strike and dip vague
N60W
N68W
N50E
E-1 DRIFT
Brec. zone altered limestone slightly mineralized.
Small bunch limonite wet.
Small tight streaks ox. Fe + Mn
massive, hard sil. Ls.
Fault.
wet
face 8/24/29
To porphyry dike, about 150-175 ft.
0118
MISSOURI MONARCH CONSOLIDATED MINES CO.
BLACK FOREST MINE.
PLAN SHOWING DEVELOPMENT OF E-1 DRIFT.
SCALE 50'
F.W.H.
No 82429

77 Item 16

77 Item 16

MISSOURI MONARCH CONSOLIDATED MINES CO.

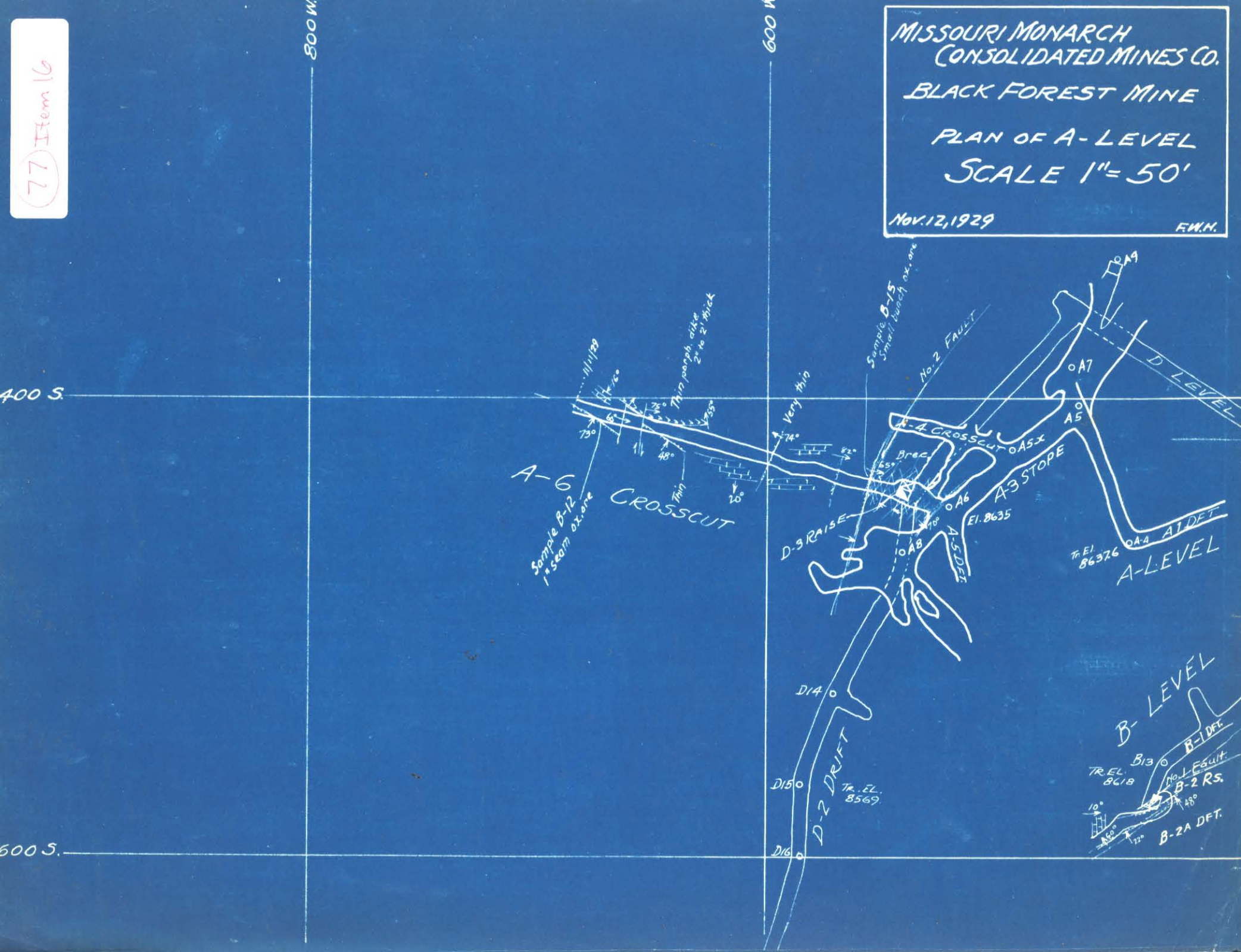
BLACK FOREST MINE

PLAN OF A-LEVEL

SCALE 1" = 50'

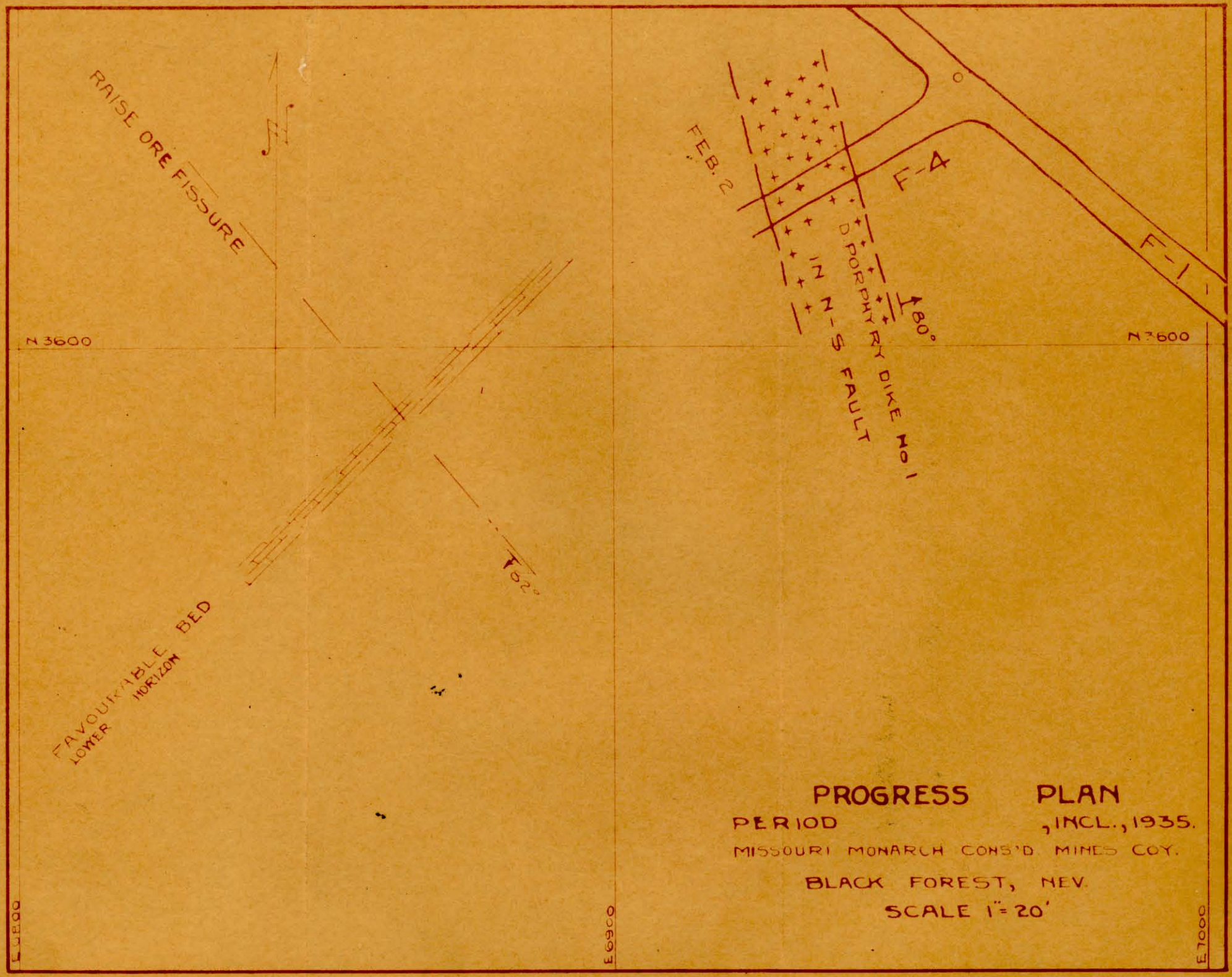
Nov. 12, 1929

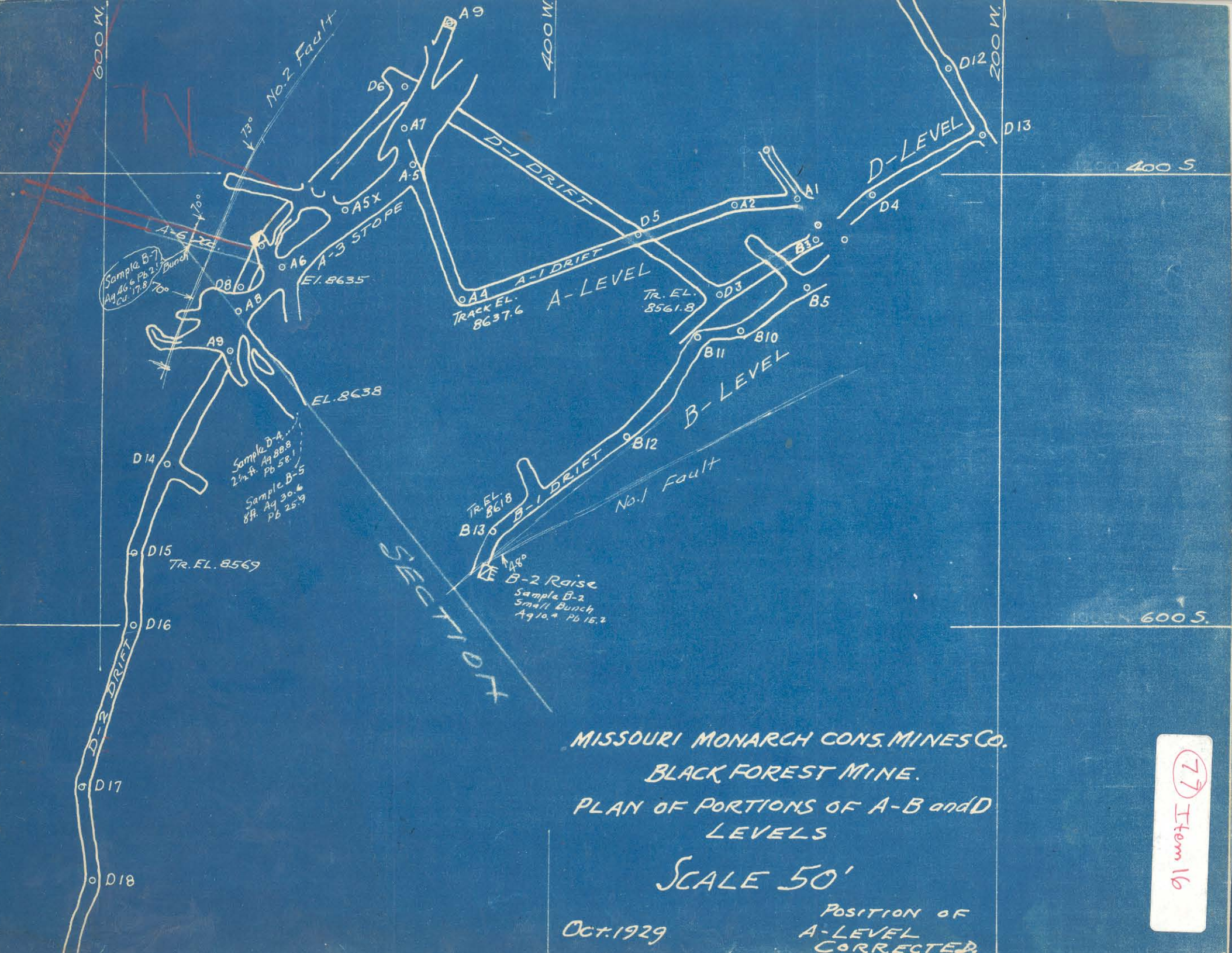
F.W.H.



Item 16

(77)


RAISE ORE FISSURE
N 3600
FAVOURABLE BED
LOWER HORIZON
62°
E 6900
FEB. 2
F-4
F-1
N-S FAULT
DIKE No 1
PORPHYRY
80°
N 3600
E 7000
PROGRESS PLAN
PERIOD , INCL., 1935.
MISSOURI MONARCH CONS'D. MINES COY.
BLACK FOREST, NEV.
SCALE 1" = 20'



MISSOURI MONARCH CONS. MINES CO.

BLACK FOREST MINE.

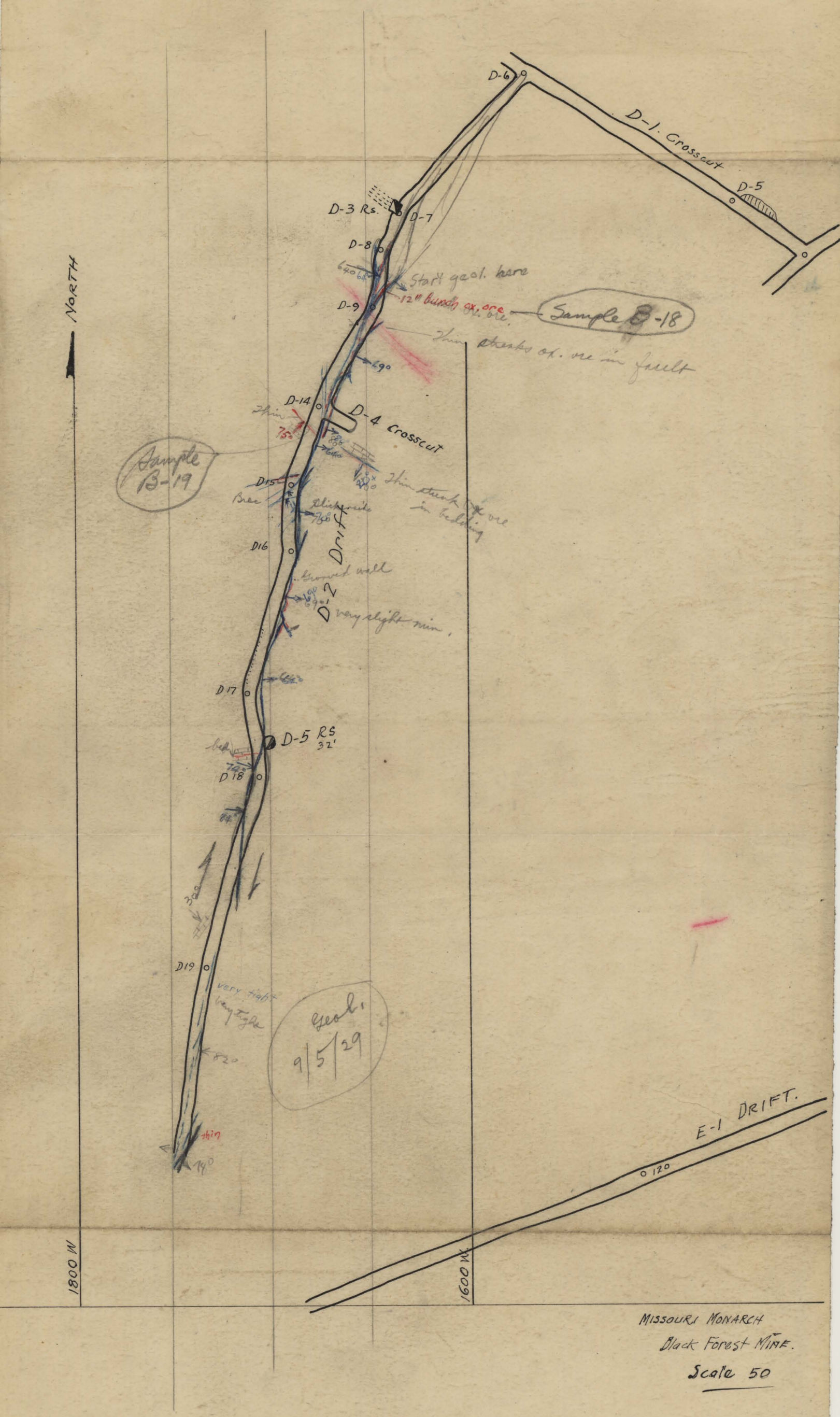
PLAN OF PORTIONS OF A-B and D LEVELS

SCALE 50'

Oct. 1929

POSITION OF A-LEVEL CORRECTED

77 Item 16



MISSOURI MONARCH
Black Forest Mine.
Scale 50

4590 0016

77

Item 16