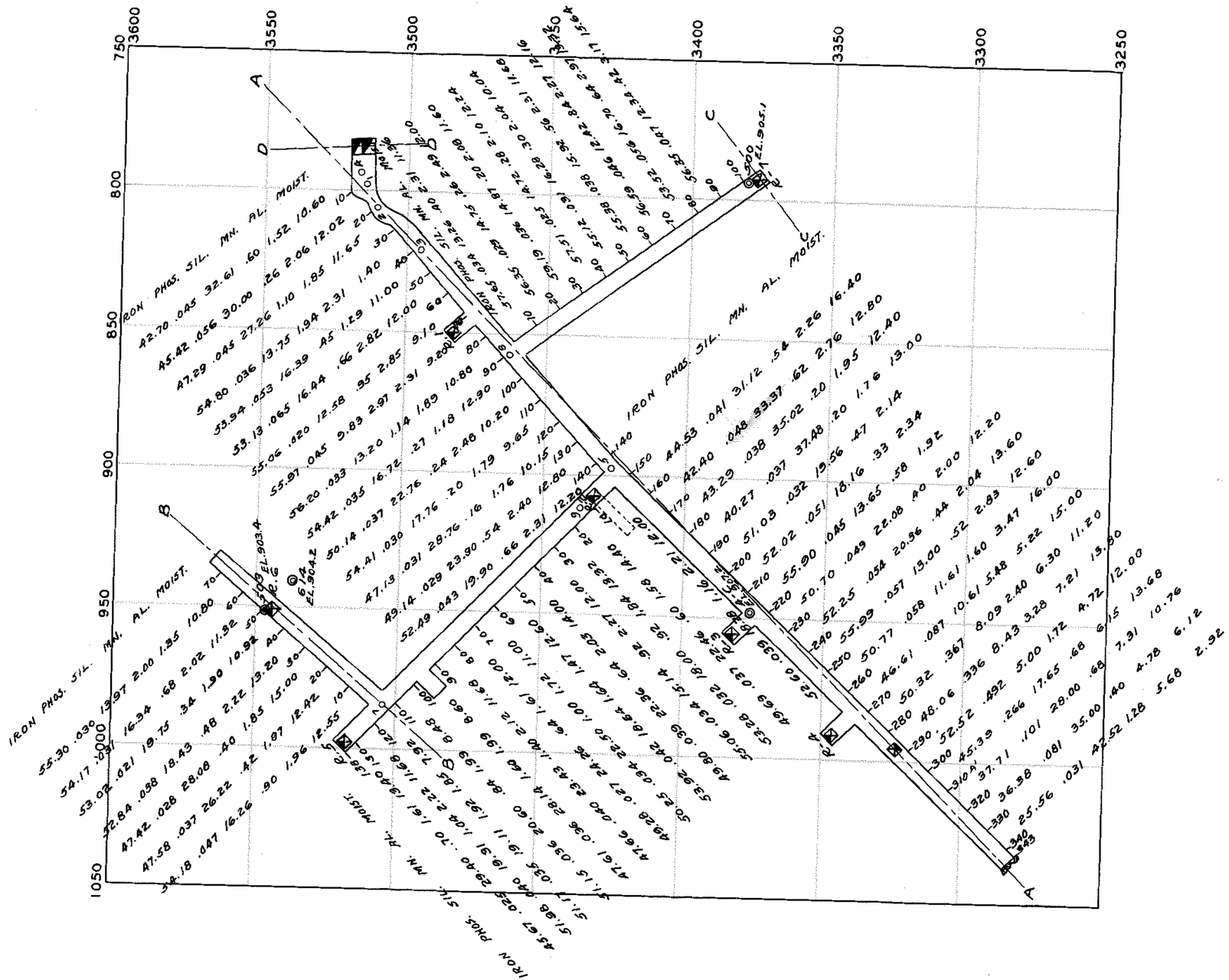
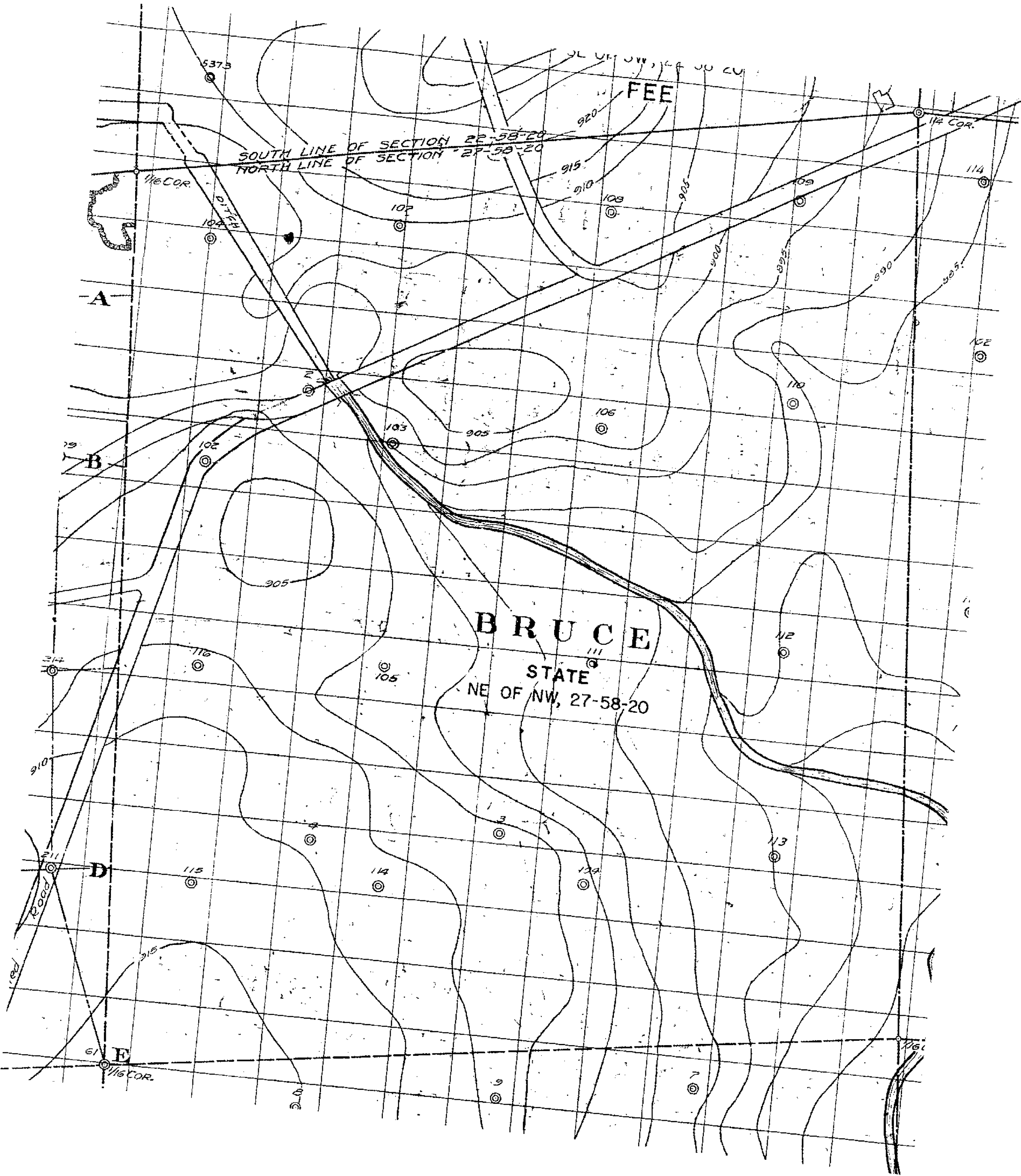
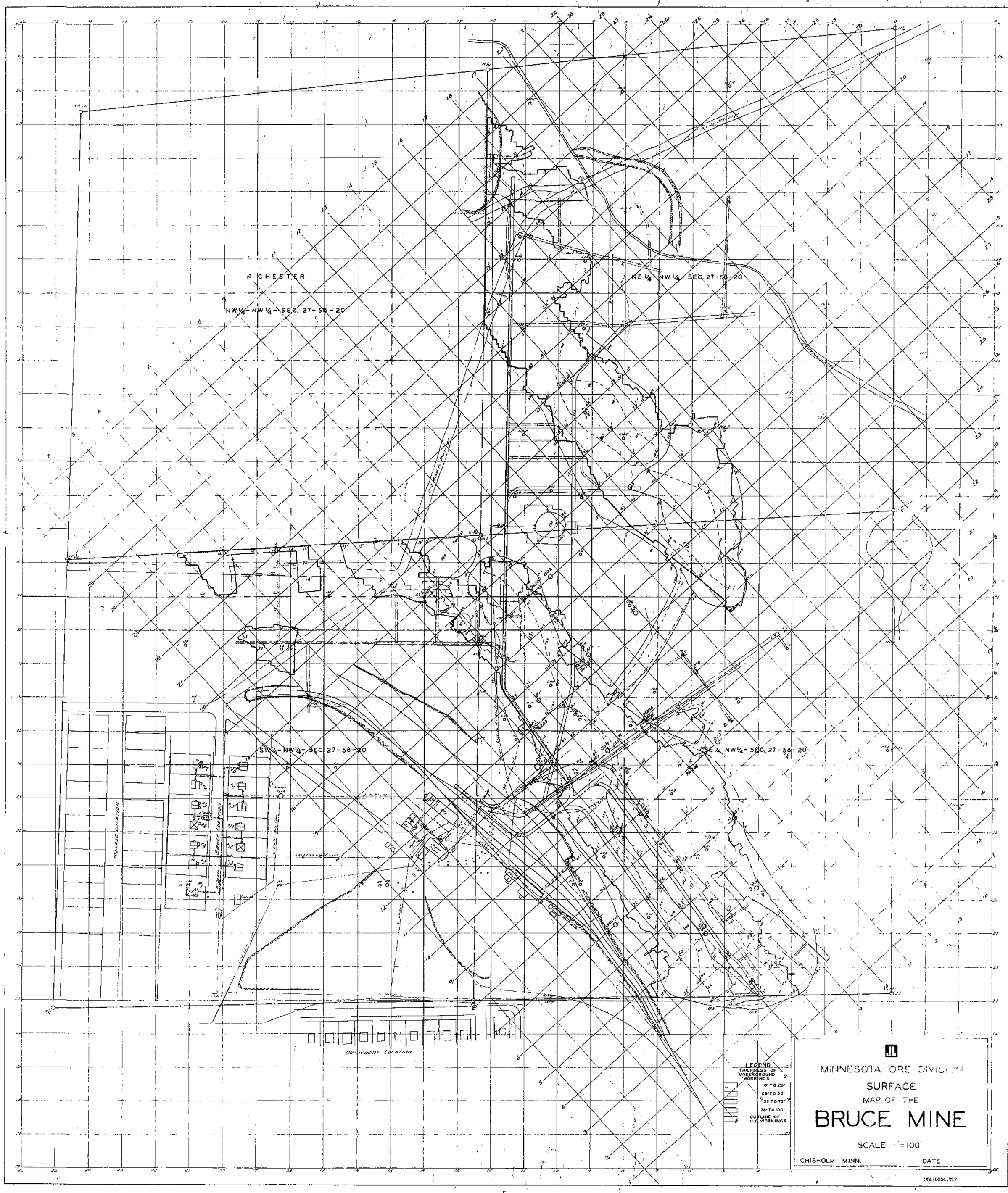
Q08_003.TIF

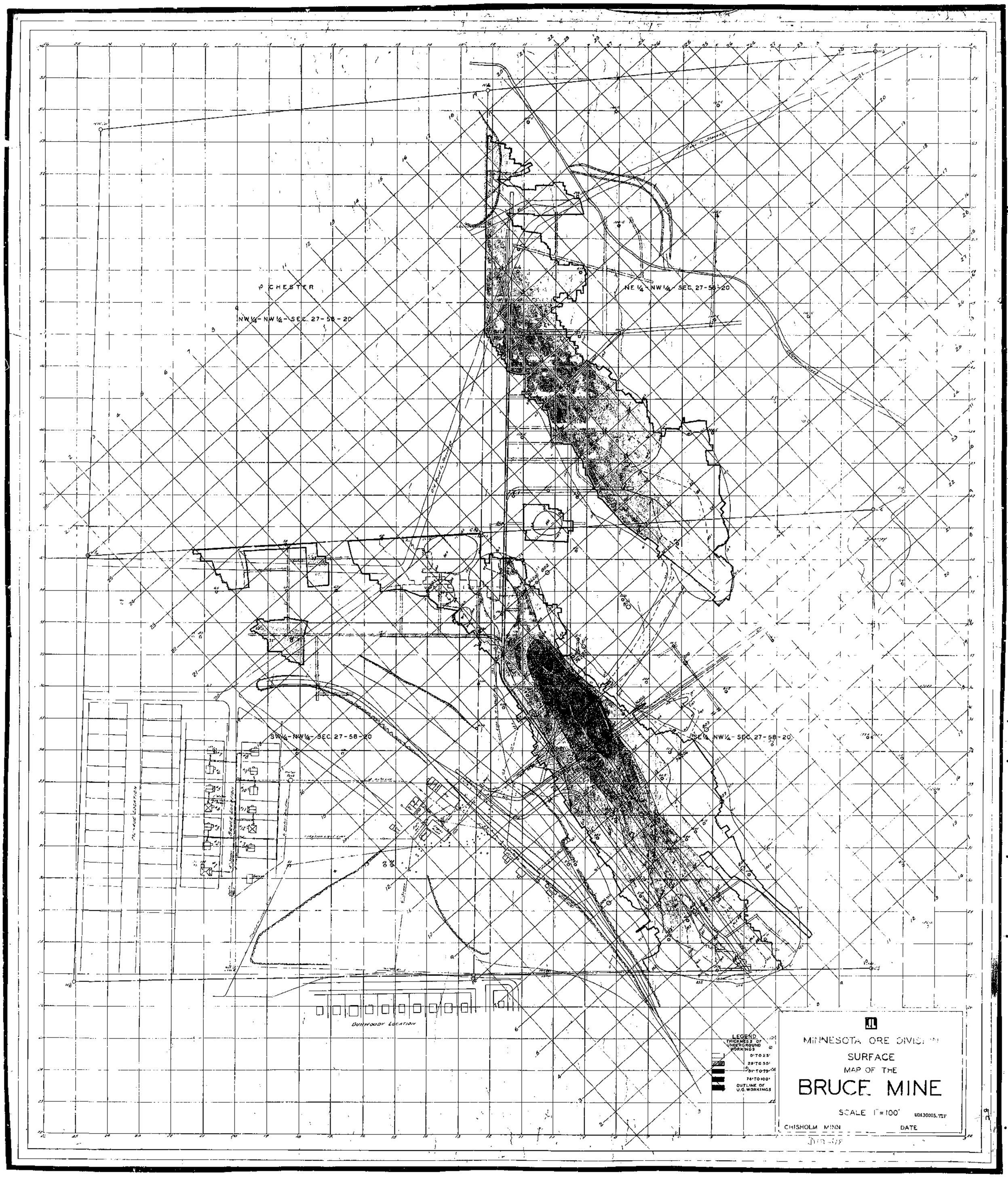


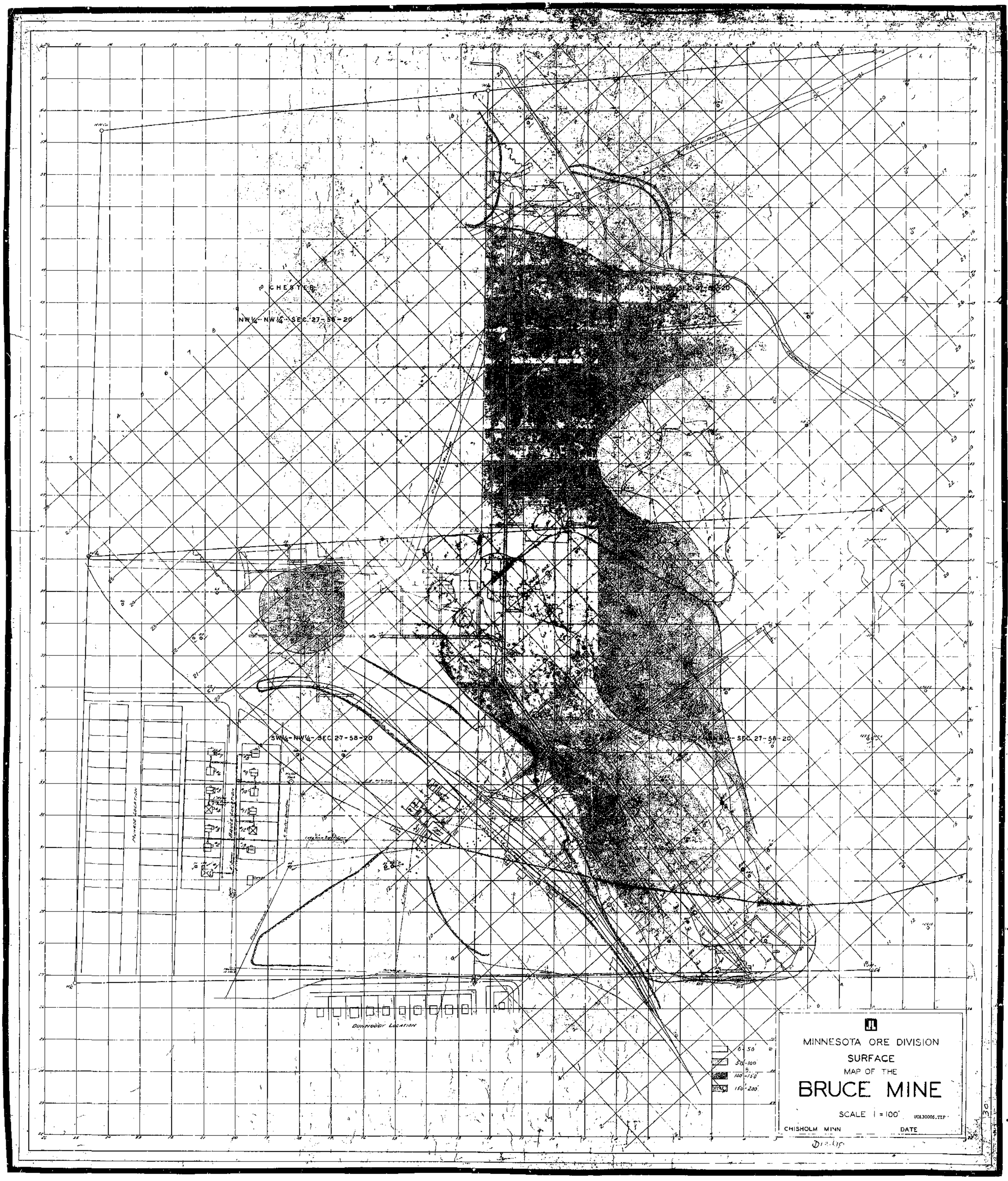
BRUCE MINE
DRIFT ANALYSES
SE-NW, SEC.27-58-20
SCALE OF PLAT: 1" = 40'

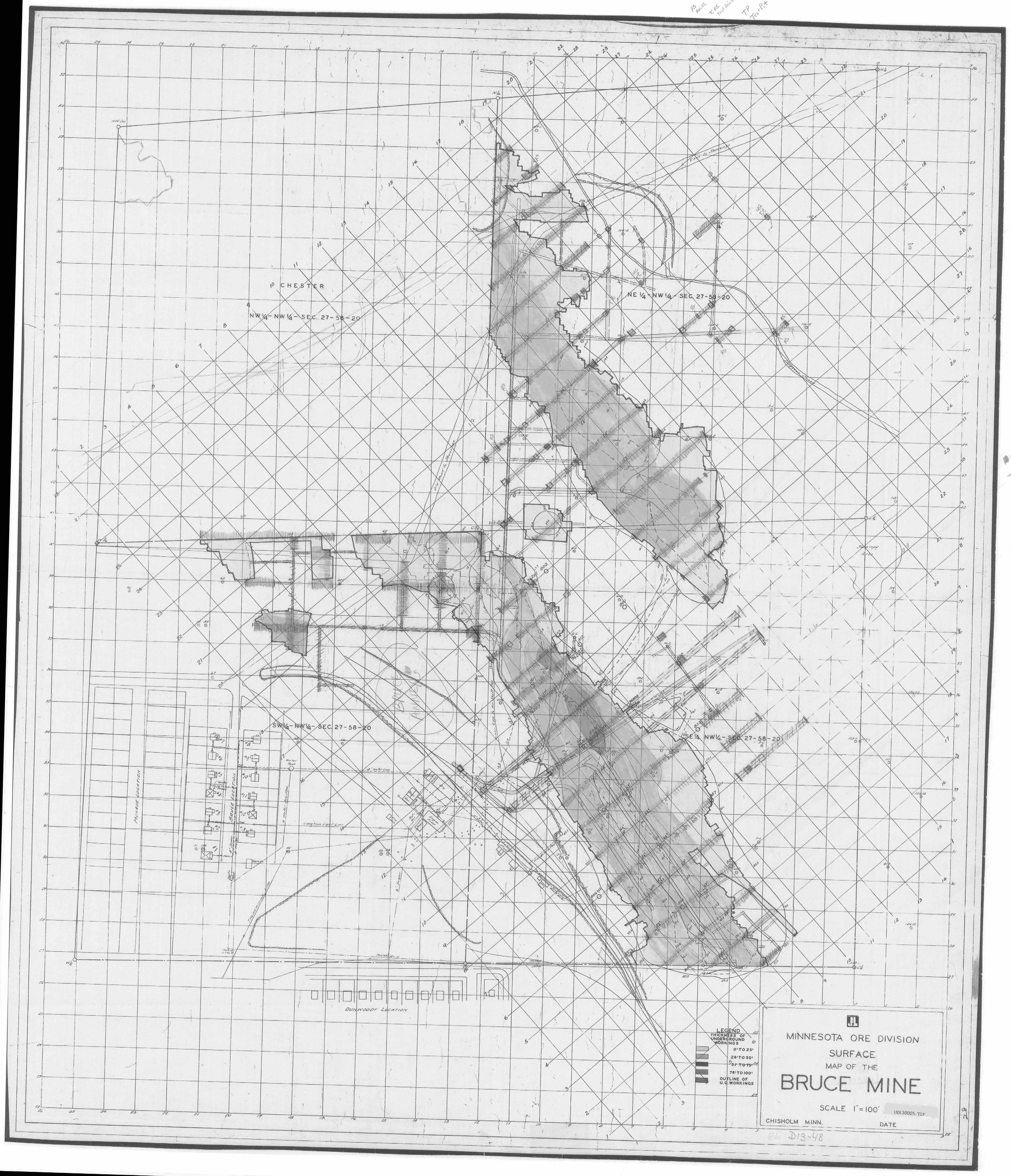
C.Z.M. June-1946


FEE
SOUTH LINE OF SECTION 22-58-20
NORTH LINE OF SECTION 27-58-20
1/16 COR.
114 COR.
DITCH
BRUCE
STATE
NE OF NW, 27-58-20
Road
A
B
D
E
920
915
910
905
900
895
890
885


CHESTER
NW¼-NW¼-SEC. 27-58-20
NE¼-NW¼-SEC. 27-58-20
SW¼-NW¼-SEC. 27-58-20
SE¼-NW¼-SEC. 27-58-20
MINNESOTA ORE DIVISION
SURFACE
MAP OF THE
BRUCE MINE
SCALE 1"=100'
CHISHOLM MINN.
DATE
LEGEND
THICKNESS OF UNDERGROUND WORKINGS
0' TO 25'
26' TO 50'
51' TO 75'
76' TO 100'
OUTLINE OF U.G. WORKINGS


CHESTER
NW¼-NW¼-SEC. 27-58-20
NE¼-NW¼-SEC. 27-58-20
SW¼-NW¼-SEC. 27-58-20
SE¼-NW¼-SEC. 27-58-20
DUNWOODY LOCATION
LEGEND
THICKNESS OF UNDERGROUND WORKINGS
0' TO 25'
26' TO 50'
51' TO 75'
76' TO 100'
OUTLINE OF U.G. WORKINGS
MINNESOTA ORE DIVISION
SURFACE
MAP OF THE
BRUCE MINE
SCALE 1" = 100'
UDI30005.TIF
CHISHOLM MINN
DATE


CHESTER
NW¼-NW¼-SEC. 27-58-20
SW¼-NW¼-SEC. 27-58-20
SE¼-NW¼-SEC. 27-58-20
Dunwoody Location
0-50'
50-100'
100-150'
150-200'
MINNESOTA ORE DIVISION
SURFACE
MAP OF THE
BRUCE MINE
SCALE 1 = 100'
CHISHOLM MINN
DATE



PB Raise
T.RS Test Raise
TP Test Pit

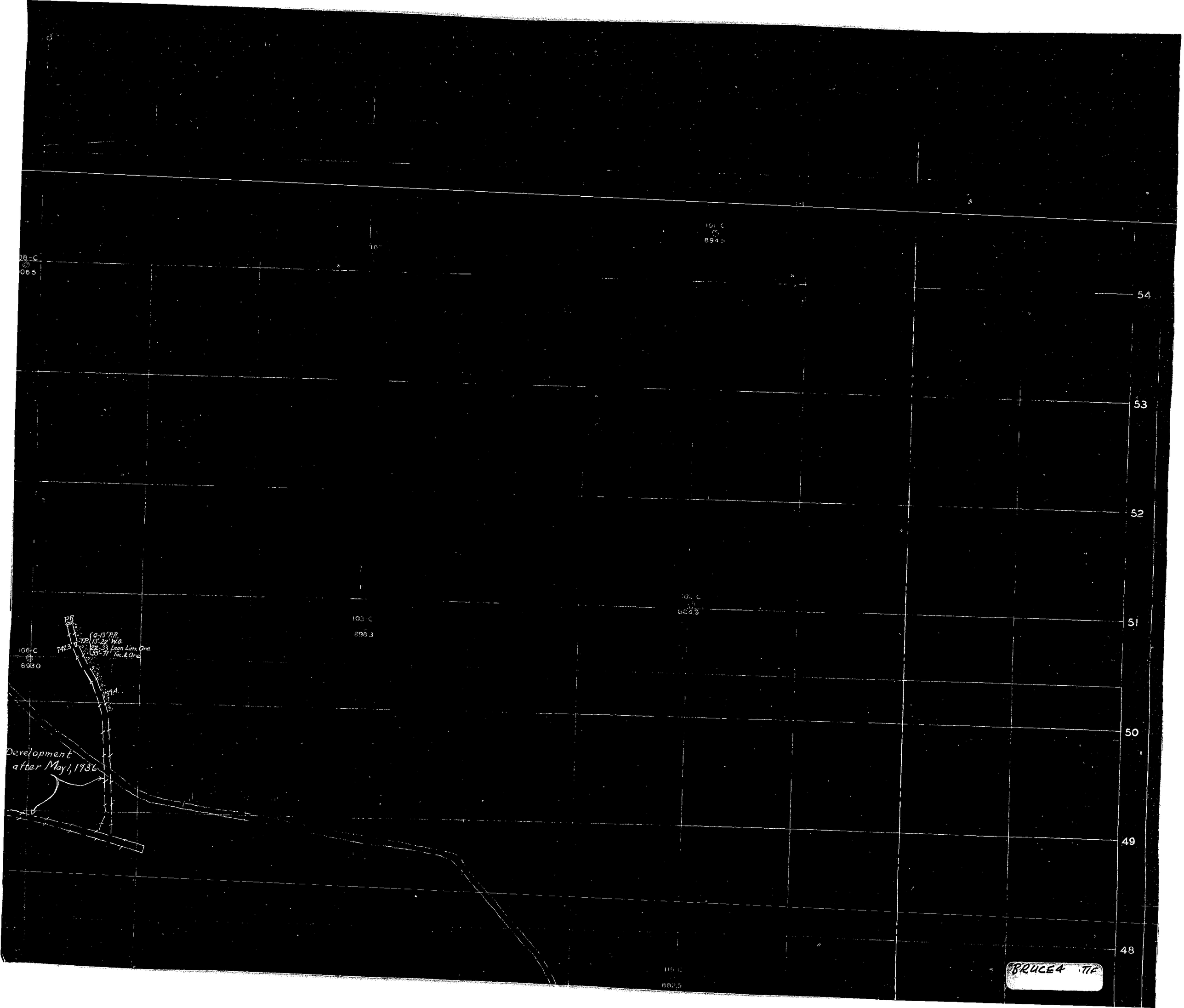
Mined Out
Bruce X-sects @ DNR
Bruce X-sects @ Dept of Rec.

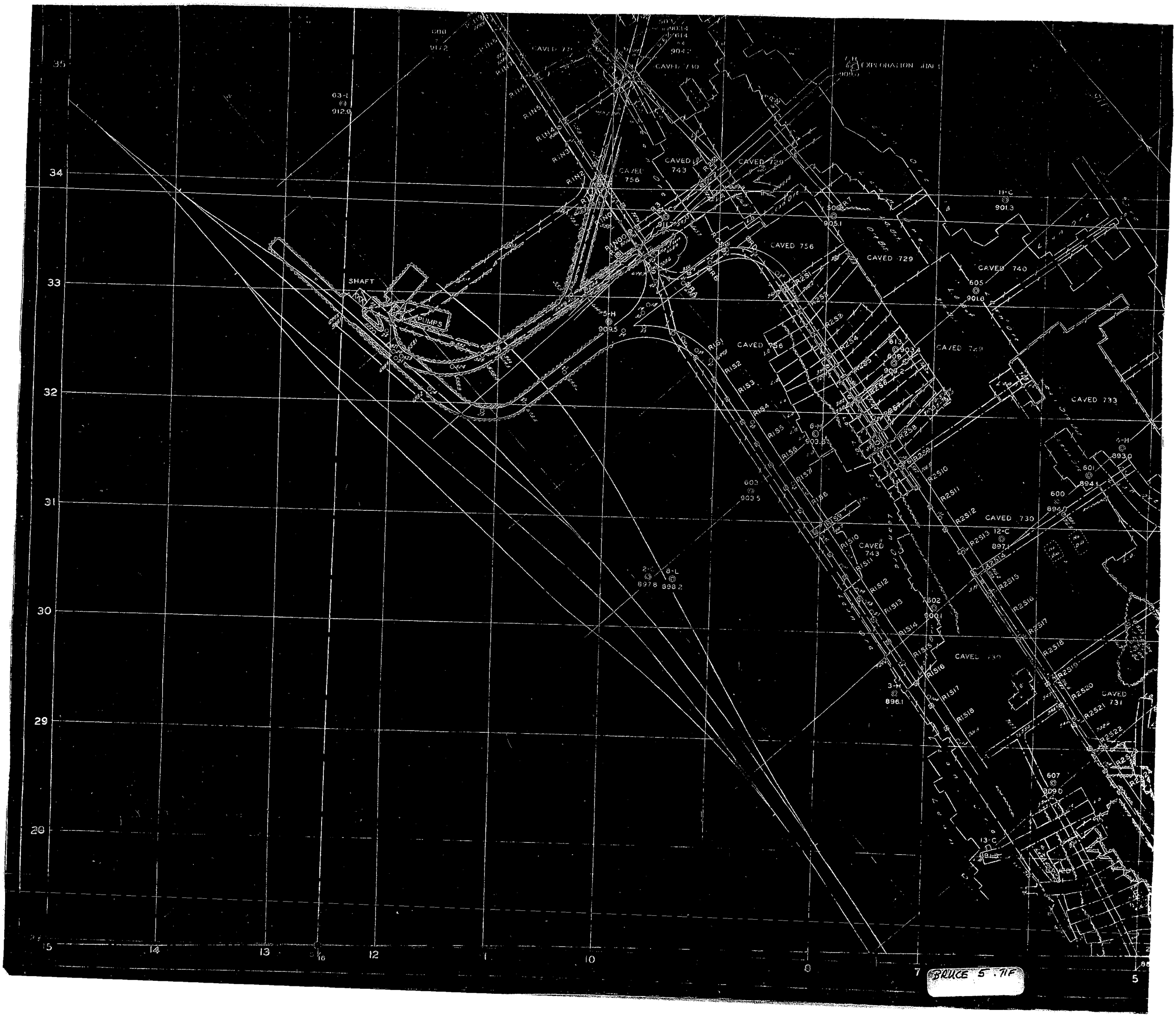
Direct Ore - 55+
DASH ORE - 40-55
HEAVY MARM 38-50

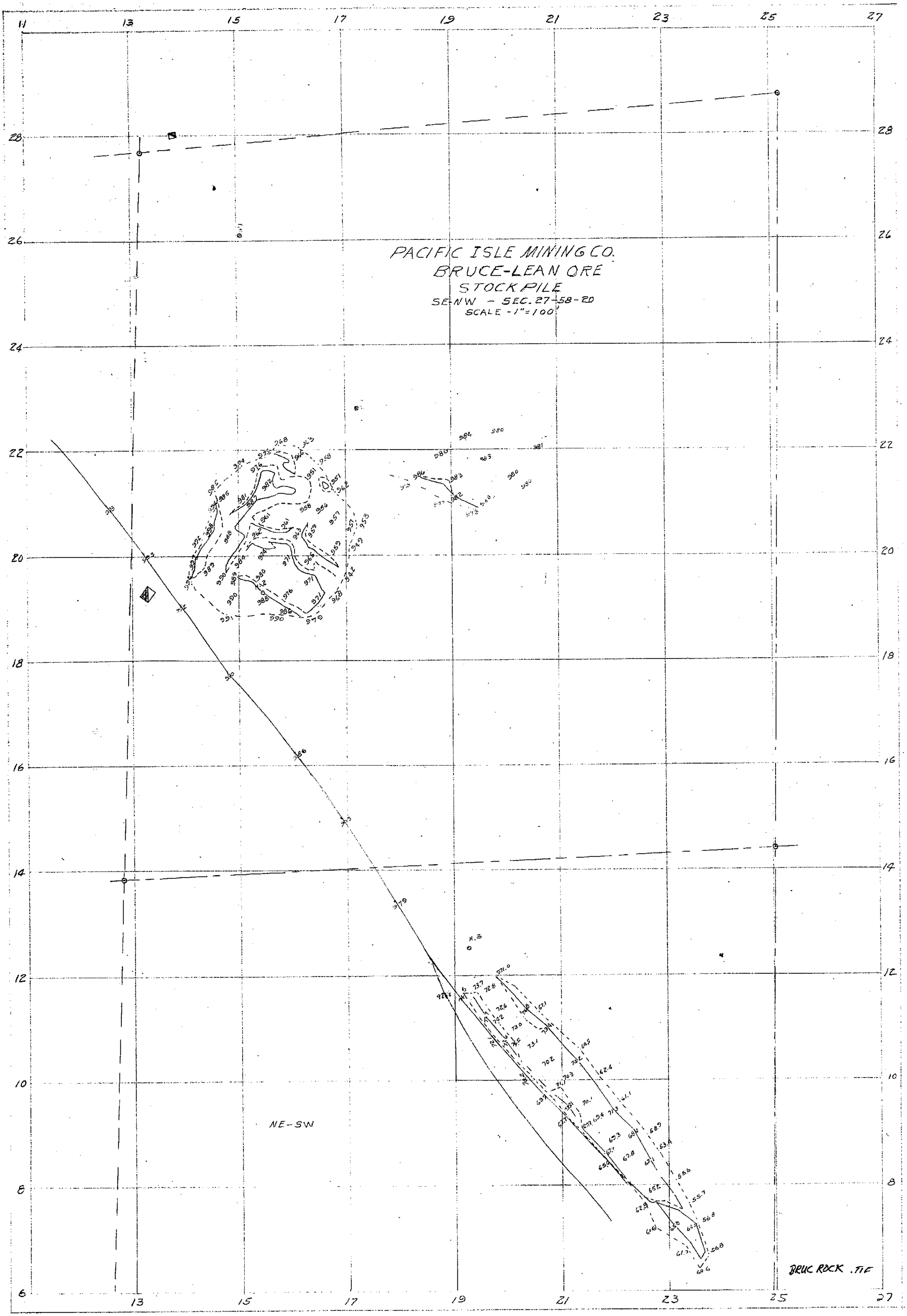
E6 D13-48

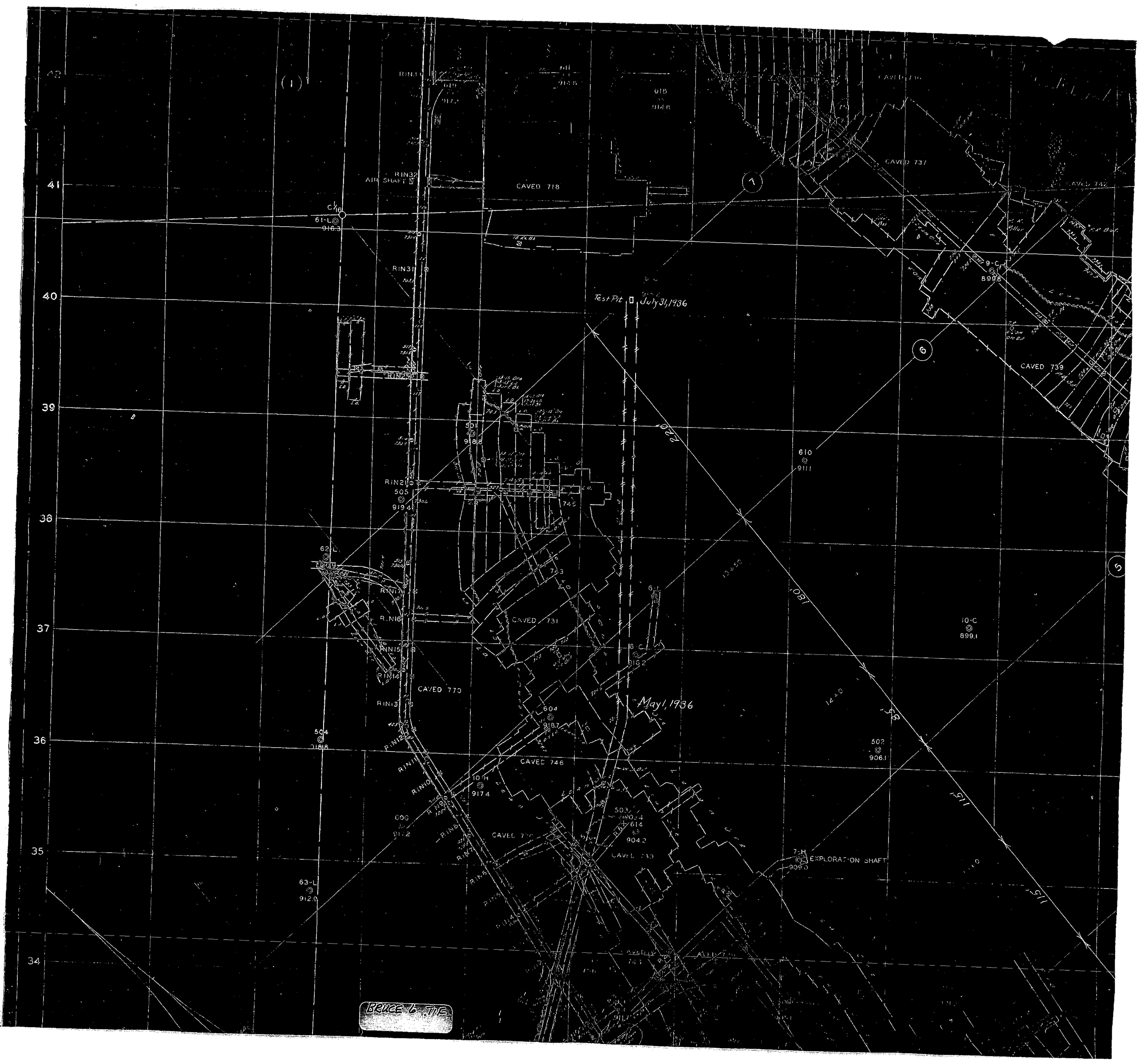
42
41
40
39
38
37
36
35
34
9-C
899.8
883.2
CAVED 739
610
9111
5-L
885.4
5-C
885.4
10-C
899.1
121-L
856.8
502
906.1
612
898.4
7-H
EXPLORATION SHAFT
909.0
123-L
868.2
127-L
867.9
3-C
BRUCE 2 .TIF

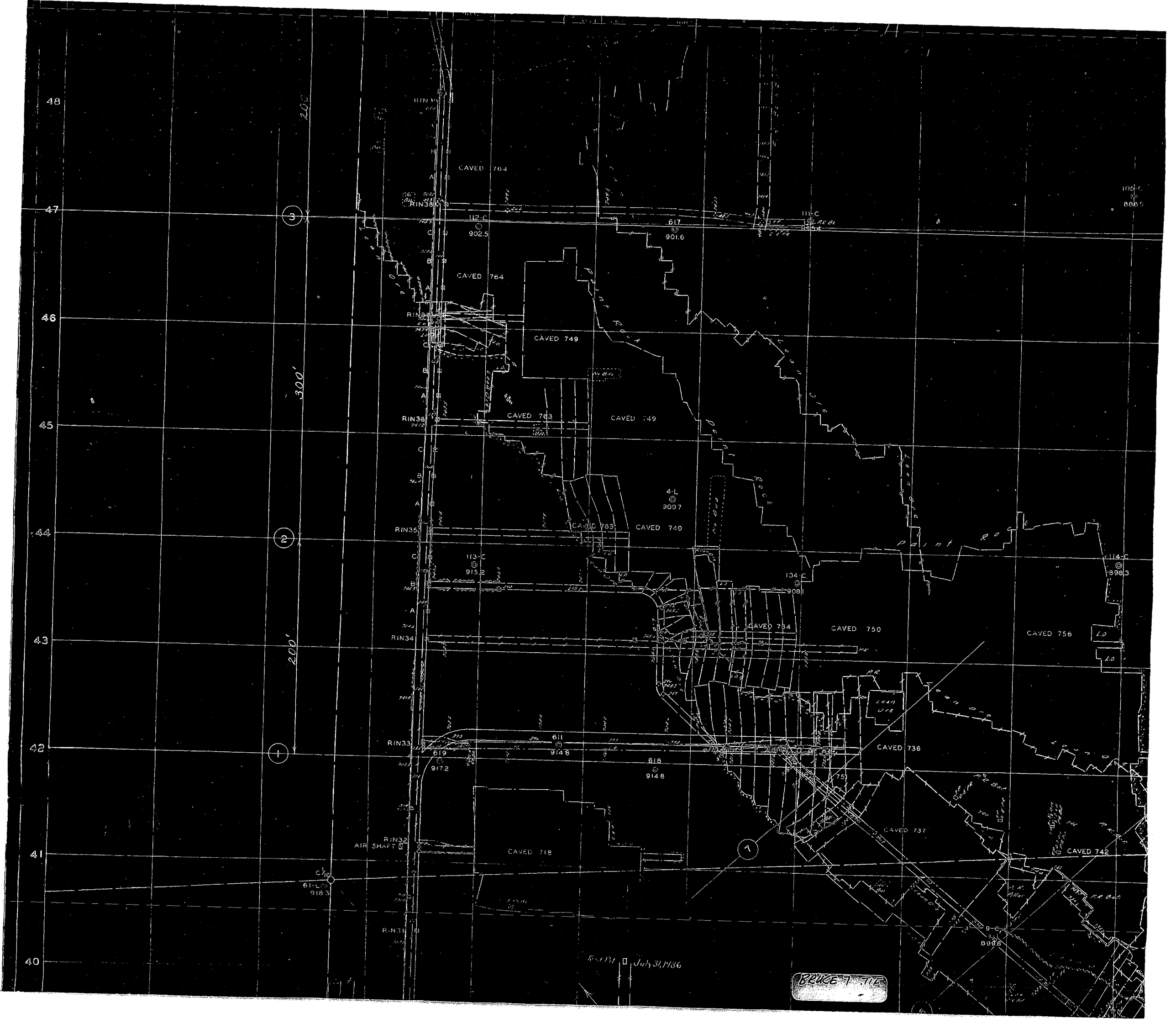
49
48
47
46
45
44
43
42
41
116-C
882.5
105-C
888.5
111-C
895.4
3-1
882.3
115-C
880.0
114-C
898.3
104-C
908.1
764
CAVED 750
CAVED 756
CAVED 736
CAVED 737
CAVED 742
E 1/16
9-C
899.0
7-C
883.2
BRUCE 3 TIE

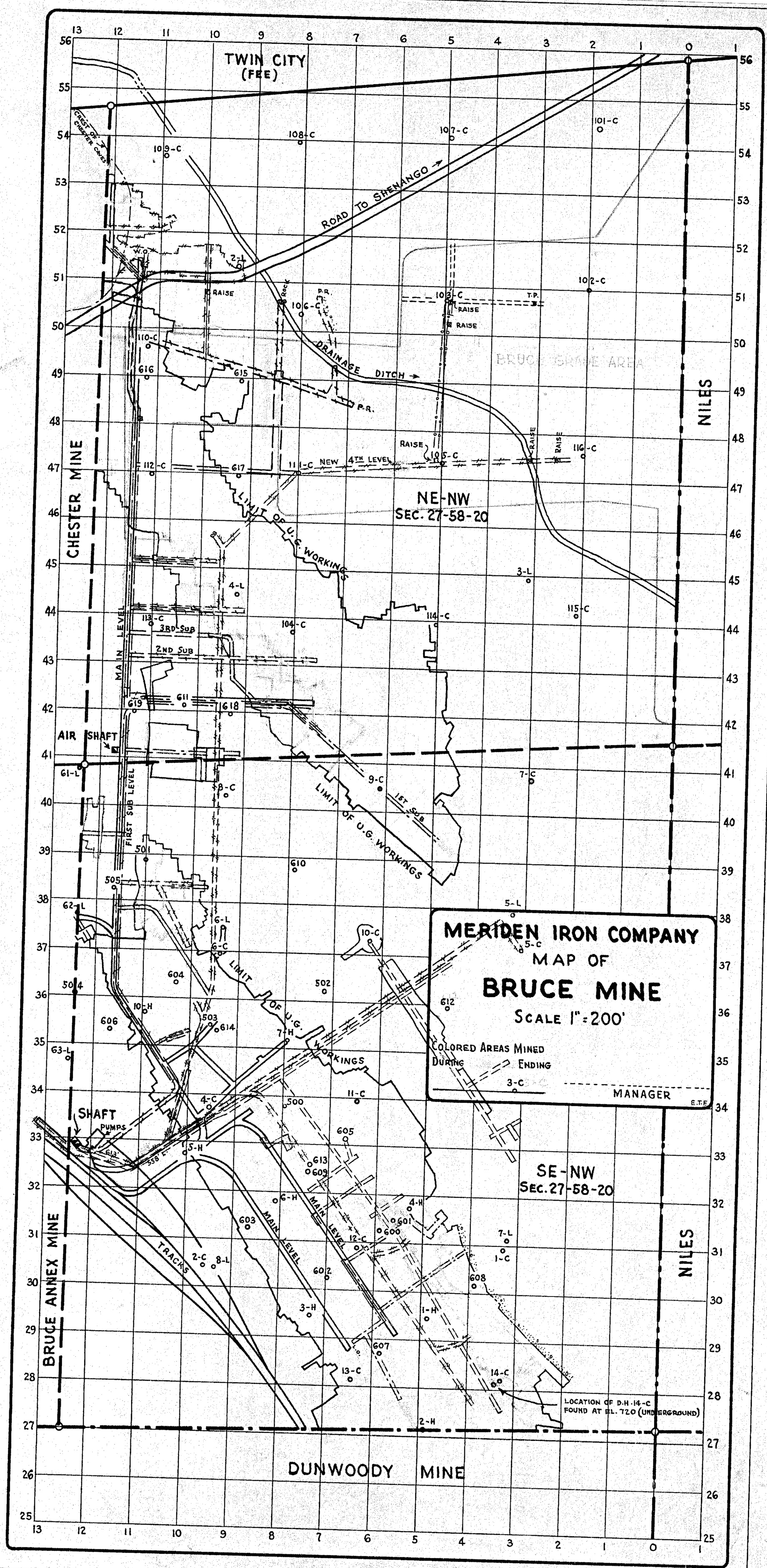

54
53
52
51
50
49
48
PR
(0-13' P.R.
J.P. 13.32' W.O.
22.-33 Lean Lim. Ore
33-37 Fe. & Ore
74.3
106 C
6930
Development
after May 1, 1936
103 C
6963
102 C
6643
BRUCE4 .TIF


35
34
33
32
31
30
29
28
15
14
13
12
10
8
7
5
SHAFT
PUMPS
CAVED 756
CAVED 743
CAVED 729
CAVED 740
CAVED 733
CAVED 730
CAVED 731
R1N2
R1N3
R1N4
R1N5
R1N6
R1N7
R1S1
R1S2
R1S3
R1S4
R1S5
R1S6
R1S7
R1S8
R1S9
R1S10
R1S11
R1S12
R1S13
R1S14
R1S15
R1S16
R1S17
R1S18
R2S1
R2S2
R2S3
R2S4
R2S5
R2S6
R2S7
R2S8
R2S9
R2S10
R2S11
R2S12
R2S13
R2S14
R2S15
R2S16
R2S17
R2S18
R2S19
R2S20
R2S21
R2S22
63-L
912.9
5-H
909.5
6-H
903.0
2-C
897.8
8-L
888.2
3-H
896.1
11-C
901.3
605
901.6
601
894.1
600
894.0
12-C
897.1
602
900.1
607
909.0
13-C
BRUCE 5.71F

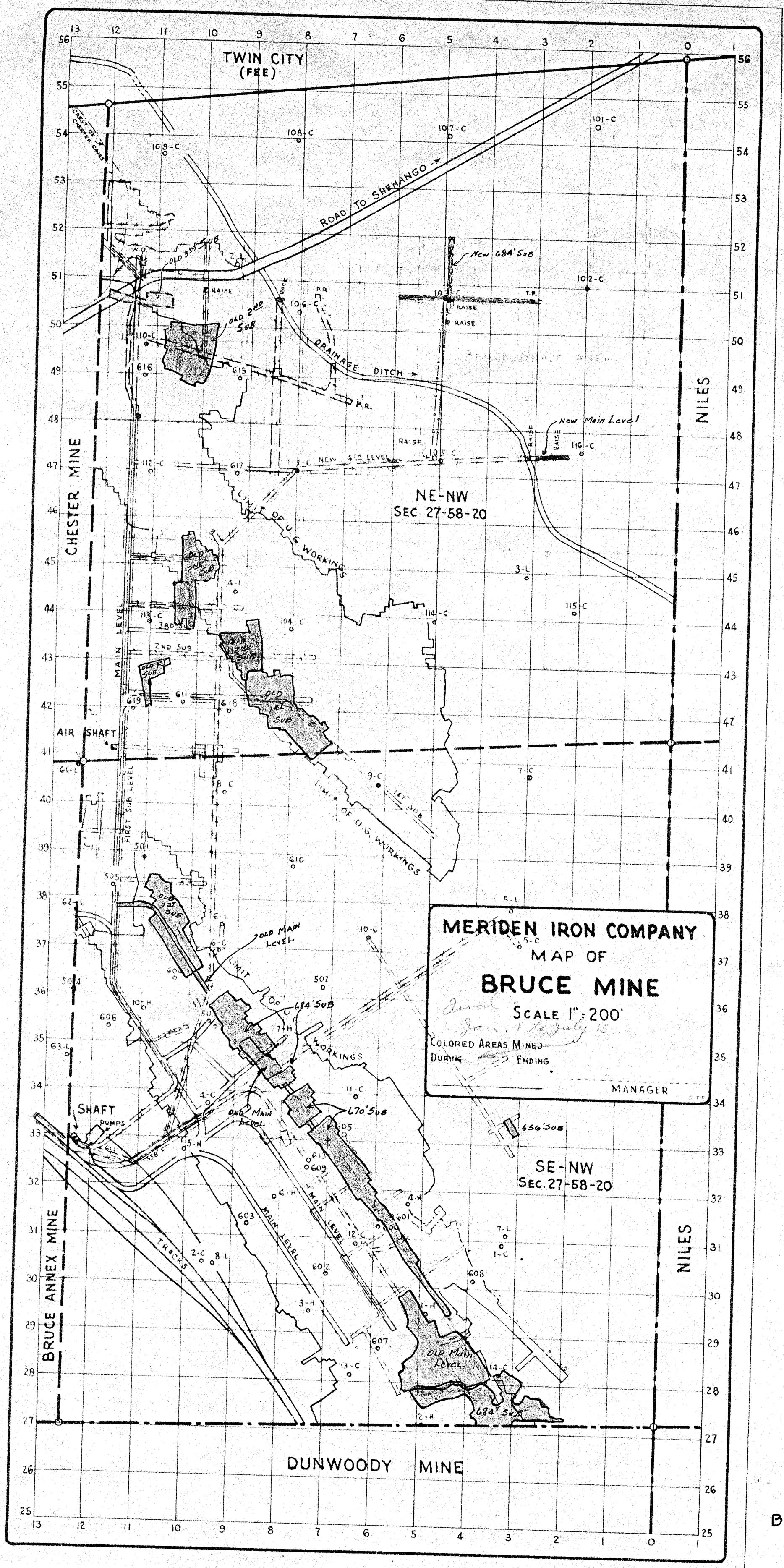

PACIFIC ISLE MINING CO.
BRUCE-LEAN ORE
STOCK PILE
SE-NW - SEC. 27-58-20
SCALE - 1" = 100'
NE-SW
BRUC ROCK .TIF


42
41
40
39
38
37
36
35
34
RIN32
AIR SHAFT N
CAVED 718
CAVED 737
CAVED 739
CAVED 731
CAVED 770
CAVED 746
CAVED 730
RIN31
RIN25
RIN21
RIN17
RIN16
RIN15
RIN14
RIN13
RIN12
RIN11
RIN10
RIN9
RIN8
RIN7
RIN6
61-L
916.3
Test Pit
July 31, 1936
May 1, 1936
501
918.8
505
919.4
745
743
610
911.1
62-L
909
616
916.2
604
918.7
504
918.8
10-H
917.4
606
917.2
63-L
912.9
9-C
899.8
10-C
899.1
502
906.1
7-H
EXPLORATION SHAFT
909.0
904.2
BRUCE 6 TIE

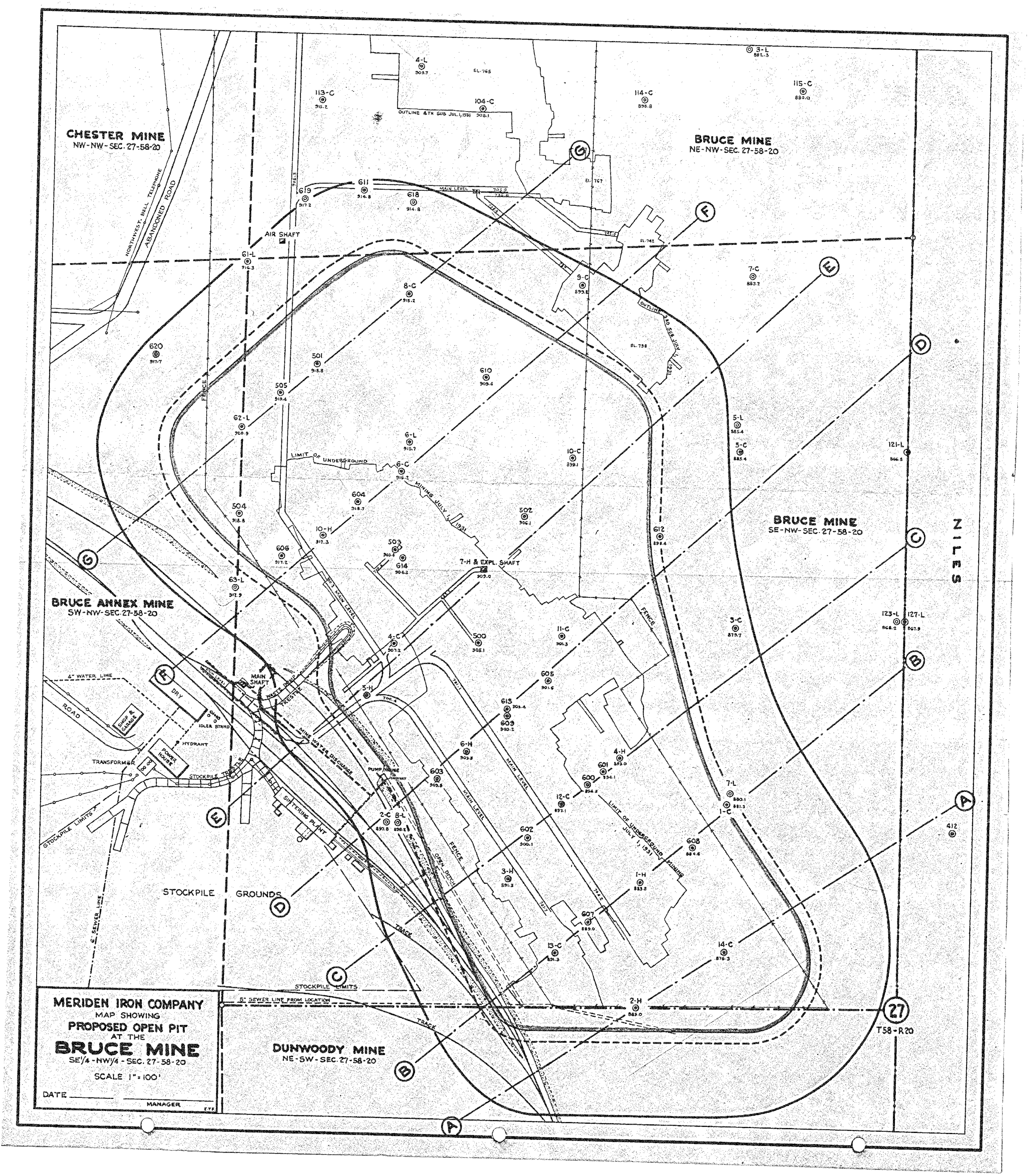

48
47
46
45
44
43
42
41
40
200'
300'
200'
CAVED 764
CAVED 764
CAVED 749
CAVED 763
CAVED 749
CAVED 763
CAVED 749
CAVED 754
CAVED 750
CAVED 756
CAVED 736
CAVED 737
CAVED 742
CAVED 718
RIN38
RIN36
RIN35
RIN34
RIN33
RIN32
AIR SHAFT
RIN31
112-C
902.5
617
901.6
111-C
105-C
888.5
4-L
909.7
113-C
915.2
104-C
908
114-C
898.3
611
914.8
619
917.2
618
914.8
61-L
916.3
9-C
899.8
Point Rock
Leaning Rock
July 31, 1986
BRUCE T. TIE


MERIDEN IRON COMPANY
MAP OF
BRUCE MINE
SCALE 1" = 200'
COLORED AREAS MINED
DURING
ENDING
MANAGER
E.T.F.
TWIN CITY
(FEE)
CHESTER MINE
BRUCE ANNEX MINE
DUNWOODY MINE
NILES
NE-NW
SEC. 27-58-20
SE-NW
SEC. 27-58-20
ROAD TO SHENANGO
DRAINAGE DITCH
LIMIT OF U.G. WORKINGS
NEW 4TH LEVEL
MAIN LEVEL
FIRST SUB LEVEL
1ST SUB
2ND SUB
3RD SUB
AIR SHAFT
SHAFT
PUMPS
TRACKS
RAISE
P.R.
T.P.
LOCATION OF D.H. 14-C
FOUND AT EL. 720 (UNDERGROUND)

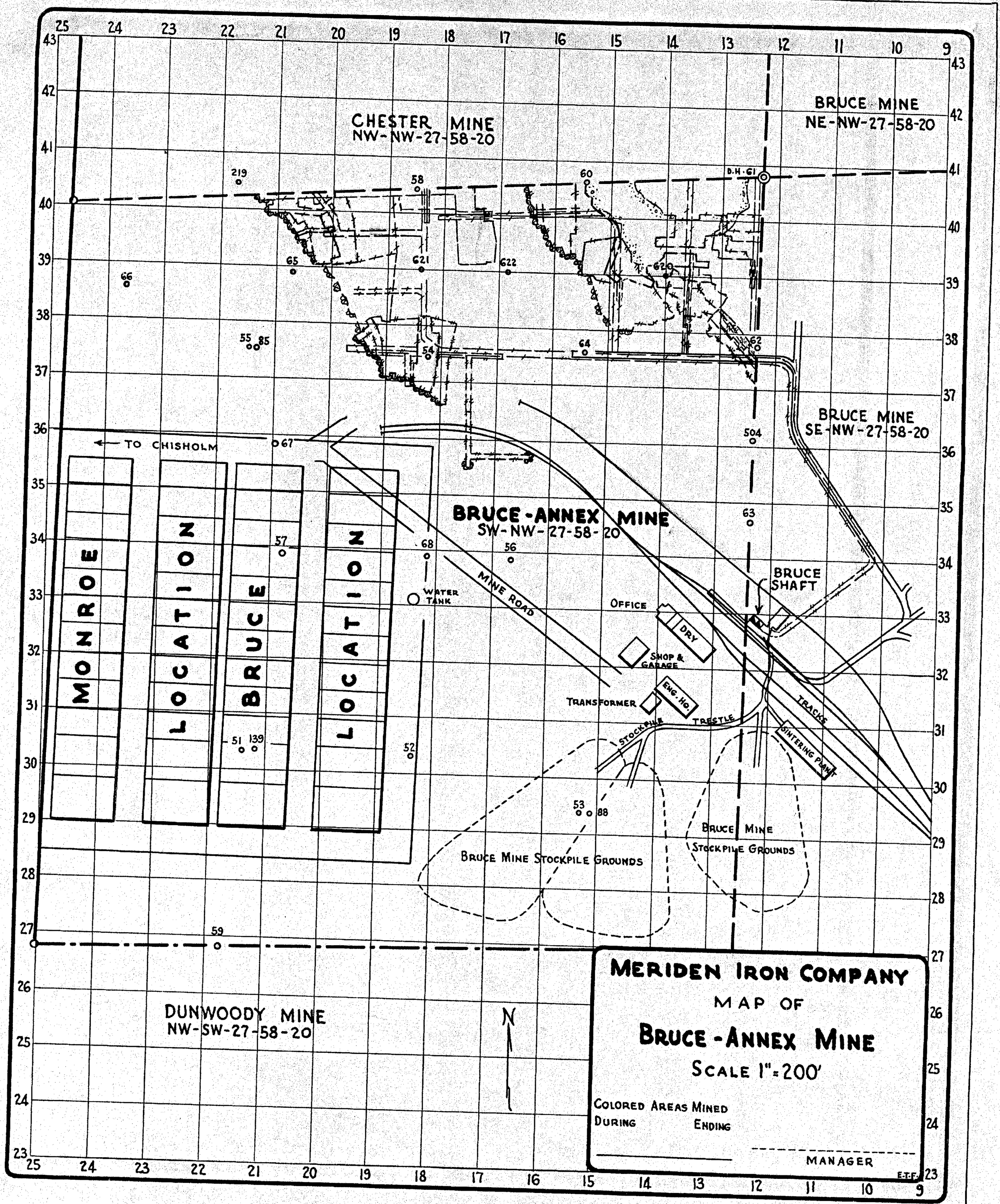
BR_M1


MERIDEN IRON COMPANY
MAP OF
BRUCE MINE
SCALE 1" = 200'
COLORED AREAS MINED
DURING ENDING
MANAGER
TWIN CITY
(FEE)
CHESTER MINE
BRUCE ANNEX MINE
DUNWOODY MINE
NILES
ROAD TO SHENANGO
DRAINAGE DITCH
NE-NW
SEC. 27-58-20
SE-NW
SEC. 27-58-20
LIMIT OF U.G. WORKINGS
MAIN LEVEL
FIRST SUB LEVEL
AIR SHAFT
SHAFT
PUMPS
TRACKS
OLD MAIN LEVEL
684' SUB
670' SUB
656' SUB
New 684' SUB
New Main Level
RAISE
T.P.
P.R.
ROCK
CREST OF CHESTER CAVES
OLD 3RD SUB
OLD 2ND SUB
OLD 1ST SUB
2ND SUB
3RD SUB
4TH LEVEL
WORKINGS

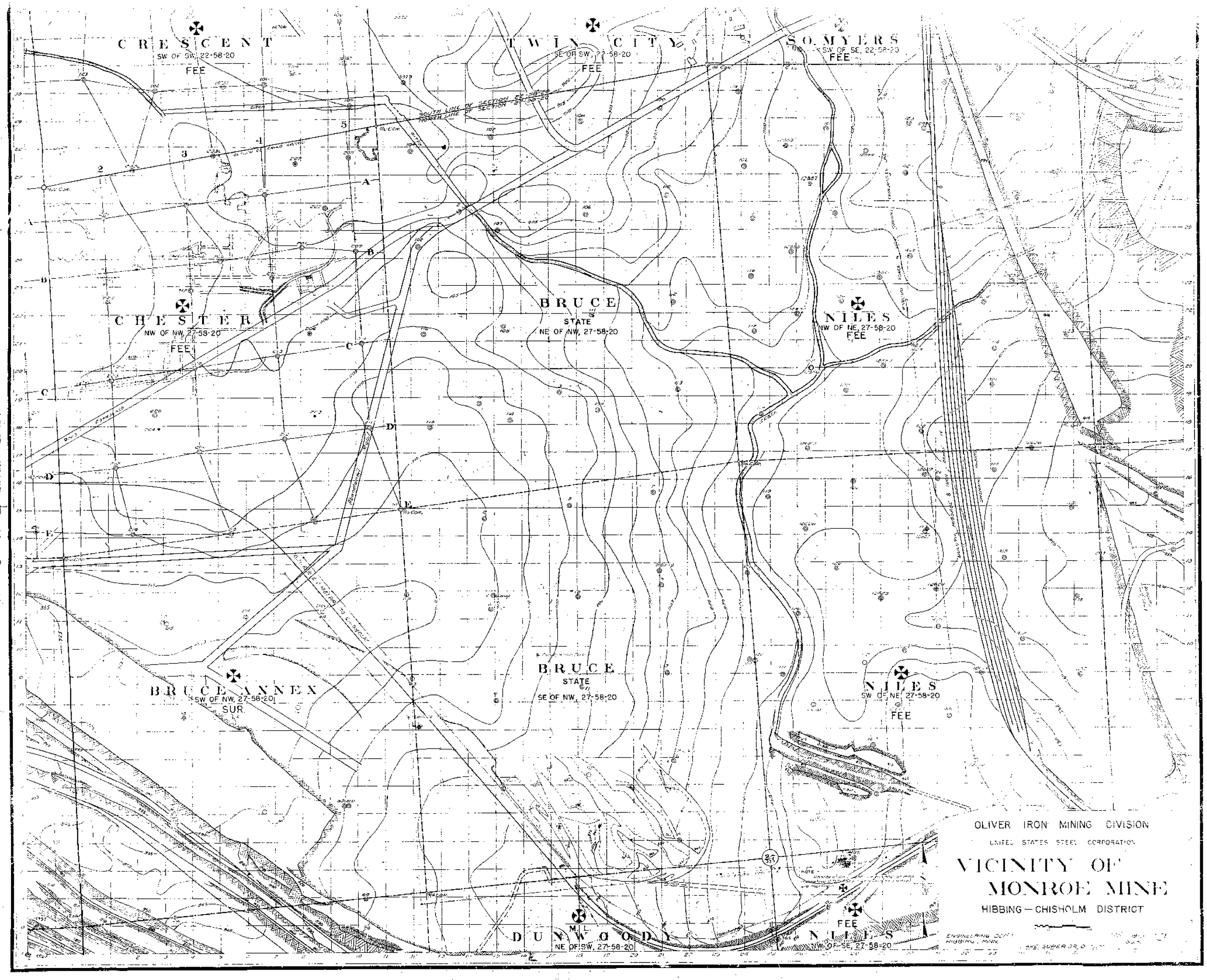
BR_M2

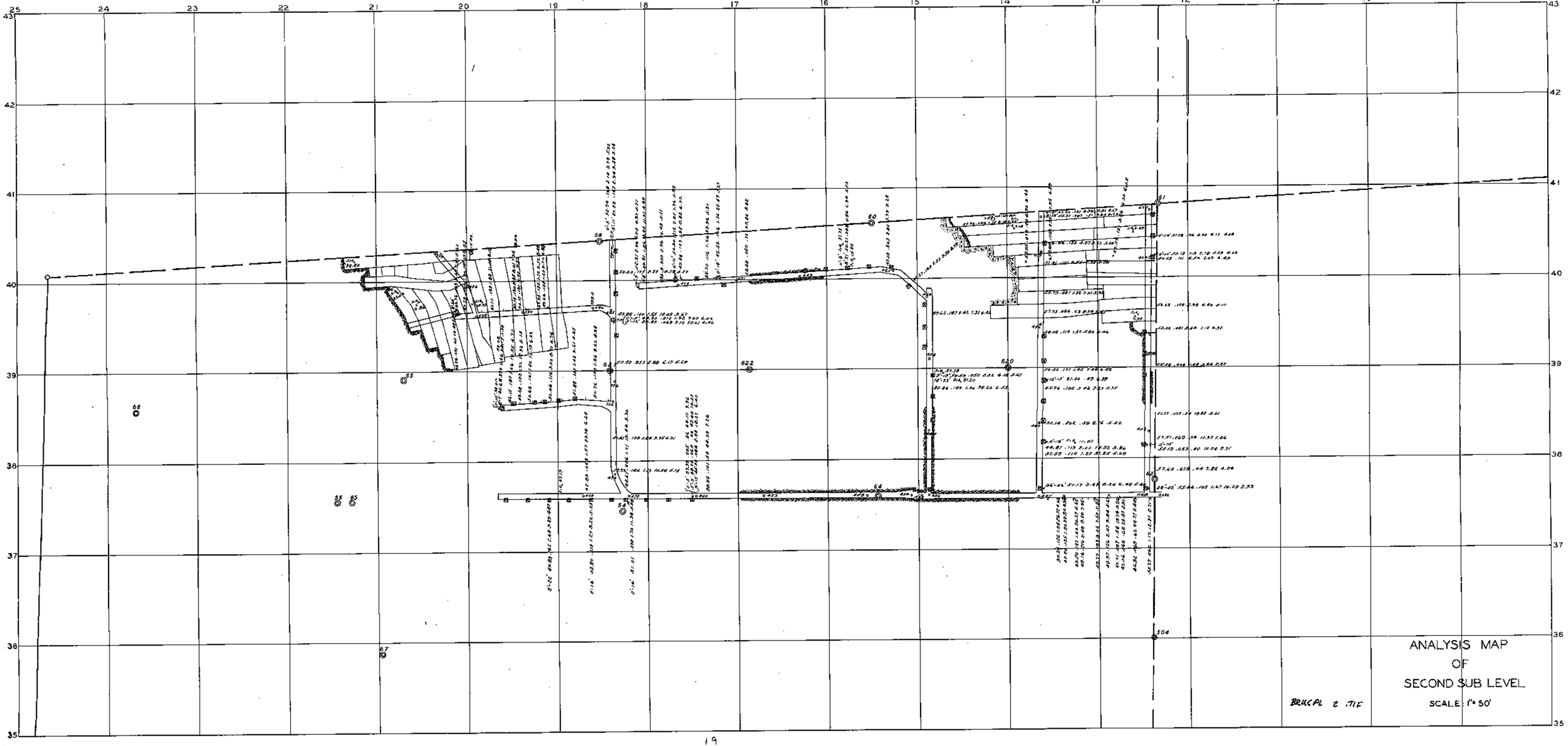

MERIDEN IRON COMPANY
MAP SHOWING
PROPOSED OPEN PIT
AT THE
BRUCE MINE
SE1/4 - NW1/4 - SEC. 27-58-20
SCALE 1" = 100'
DATE
MANAGER
CHESTER MINE
NW-NW-SEC. 27-58-20
BRUCE MINE
NE-NW-SEC. 27-58-20
BRUCE MINE
SE-NW-SEC. 27-58-20
BRUCE ANNEX MINE
SW-NW-SEC. 27-58-20
DUNWOODY MINE
NE-SW-SEC. 27-58-20
NORTHWEST BELL TELEPHONE
ABANDONED ROAD
AIR SHAFT
MAIN SHAFT
7-H & EXPL. SHAFT
OUTLINE 4TH SUB JUL. 1, 1931
LIMIT OF UNDERGROUND
MINING JULY 1, 1931
MAIN LEVEL
FENCE
4" WATER LINE
ROAD
DRY
SHOP & GARAGE
IDLER STAND
HYDRANT
POWER HOUSE
TRANSFORMER
STOCKPILE TRESTLE
STOCKPILE LIMITS
SINTERING PLANT
MINE WATER DISCHARGE
PUMP HOUSE
OPEN DITCH
STOCKPILE
GROUNDS
TRACK
8" SEWER LINE FROM LOCATION
T58-R20
ZILES

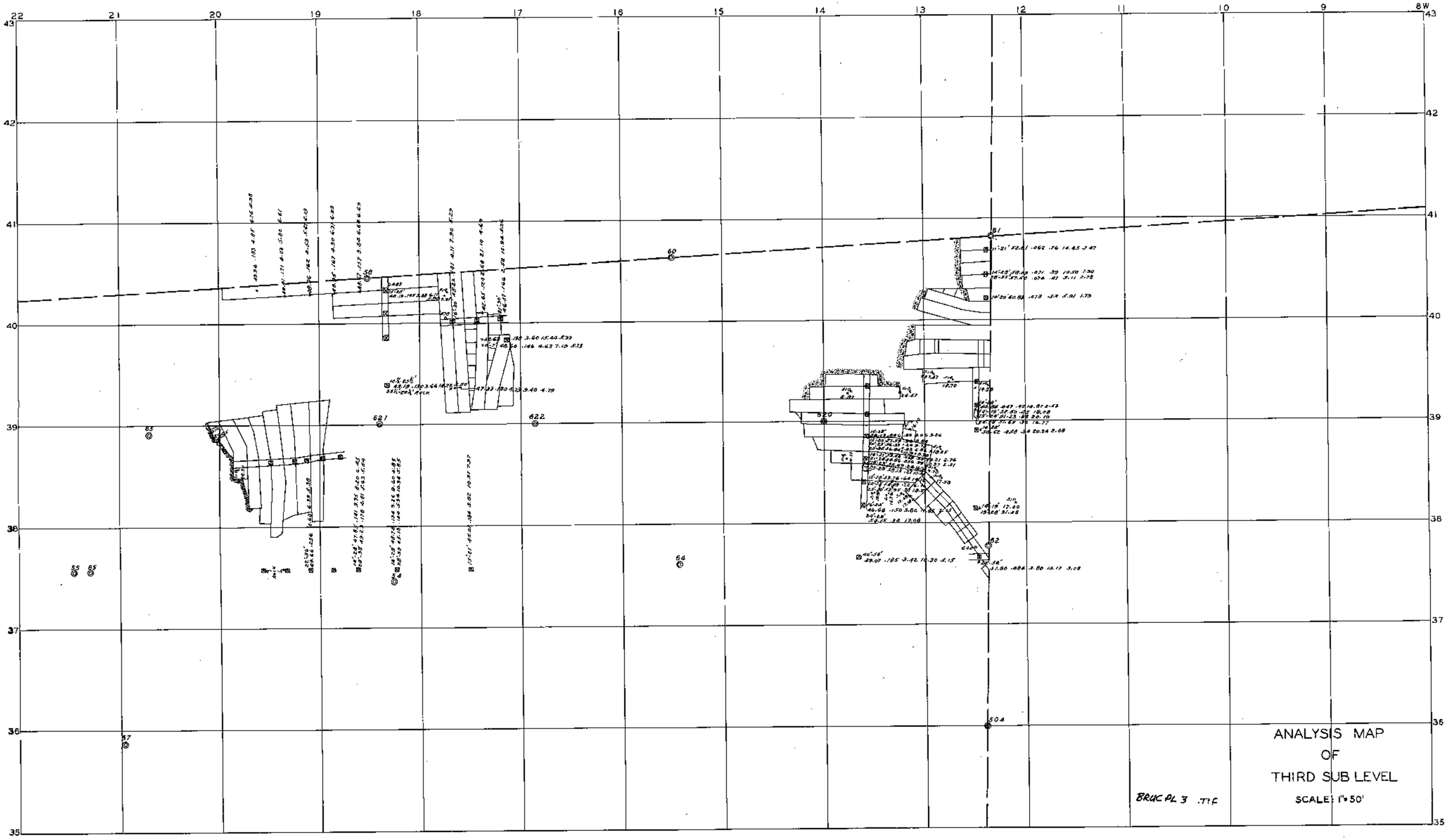
BR_M4

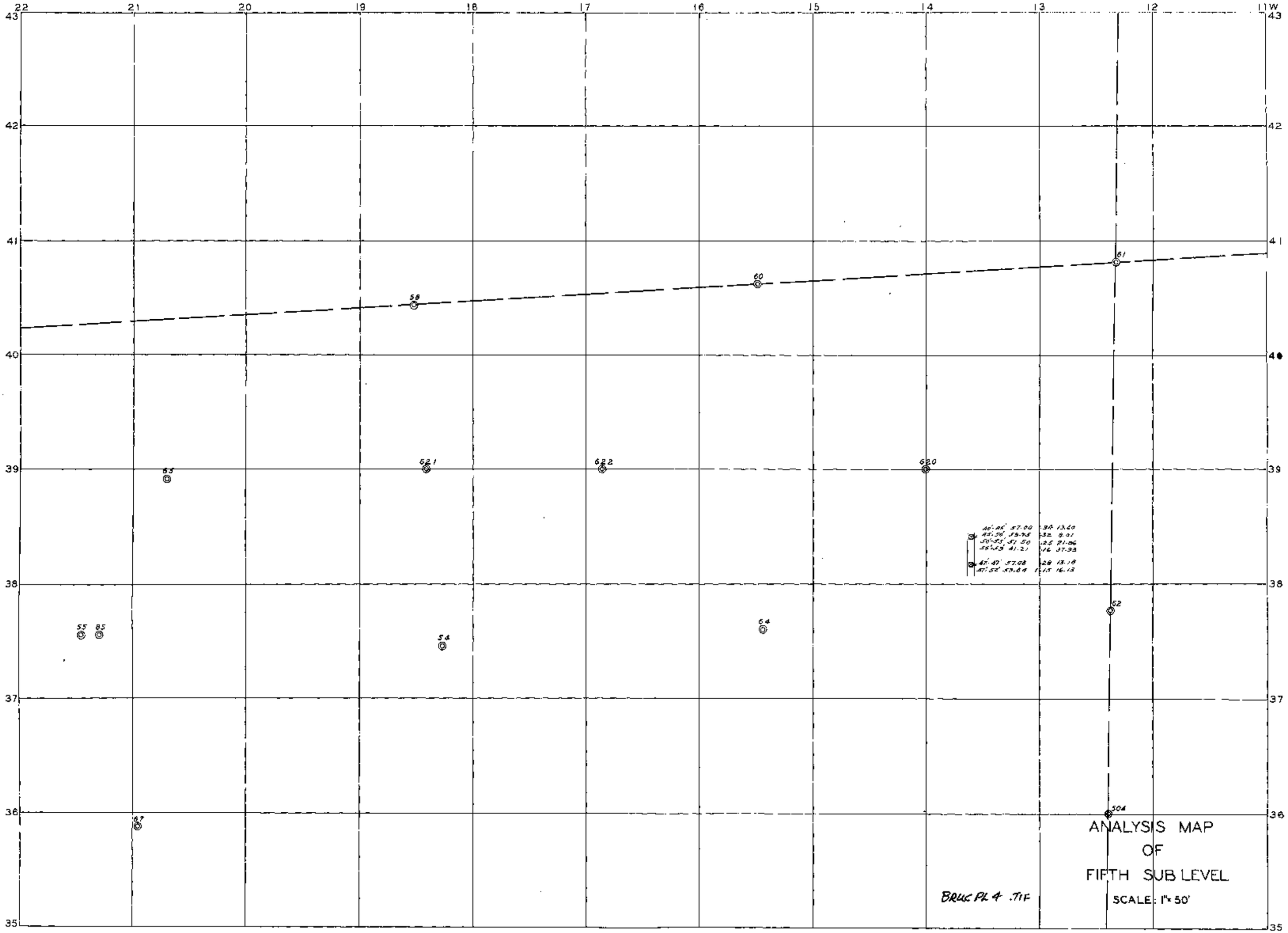

CHESTER MINE
NW-NW-27-58-20
BRUCE MINE
NE-NW-27-58-20
BRUCE MINE
SE-NW-27-58-20
BRUCE-ANNEX MINE
SW-NW-27-58-20
DUNWOODY MINE
NW-SW-27-58-20
TO CHISHOLM
MONROE LOCATION
BRUCE LOCATION
MINE ROAD
WATER TANK
OFFICE
DRY
SHOP & GARAGE
TRANSFORMER
ENG. HO.
TRESTLE
STOCKPILE
TRACKS
SINTERING PLANT
BRUCE SHAFT
BRUCE MINE STOCKPILE GROUNDS
BRUCE MINE STOCKPILE GROUNDS
D.H. 61
N
MERIDEN IRON COMPANY
MAP OF
BRUCE-ANNEX MINE
SCALE 1"=200'
COLORED AREAS MINED
DURING ENDING
MANAGER
E.T.F.

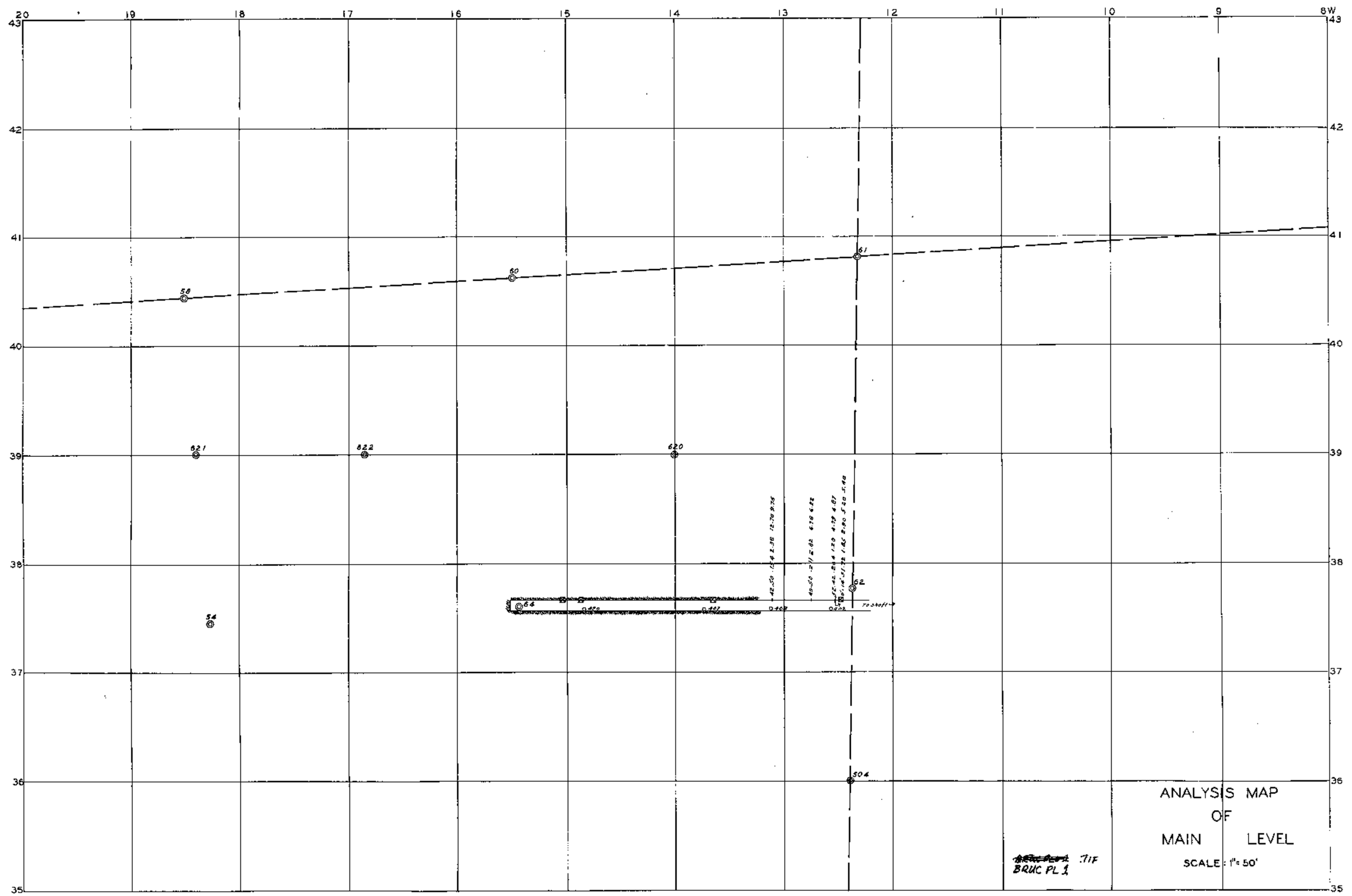
BRA_MI

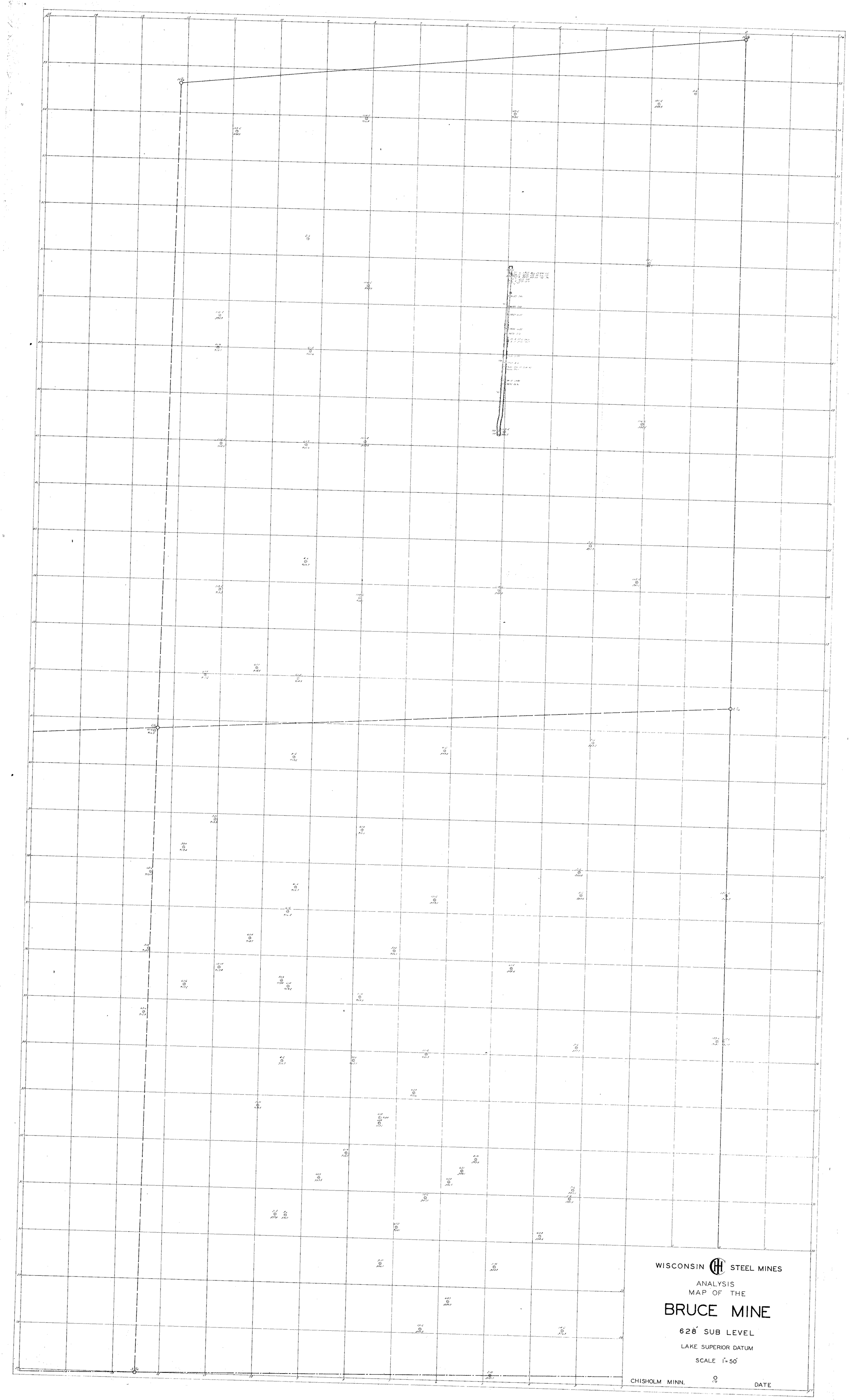

CRESCENT
SW OF SW, 22-58-20
FEE
TWIN CITY
SE OF SW, 22-58-20
FEE
S. MYERS
SW OF SE, 22-58-20
FEE
SOUTH LINE OF SECTION 22-58-20
NORTH LINE OF SECTION 27-58-20
CHESTER
NW OF NW, 27-58-20
FEE
BRUCE
STATE
NE OF NW, 27-58-20
NILES
NW OF NE, 27-58-20
FEE
BRUCE ANNEX
SW OF NW, 27-58-20
SUR
BRUCE
STATE
SE OF NW, 27-58-20
NILES
SW OF NE, 27-58-20
FEE
DUNWOODY
M.L.
NE OF SW, 27-58-20
NILES
FEE
NW OF SE, 27-58-20
OLIVER IRON MINING DIVISION
UNITED STATES STEEL CORPORATION
VICINITY OF
MONROE MINE
HIBBING — CHISHOLM DISTRICT

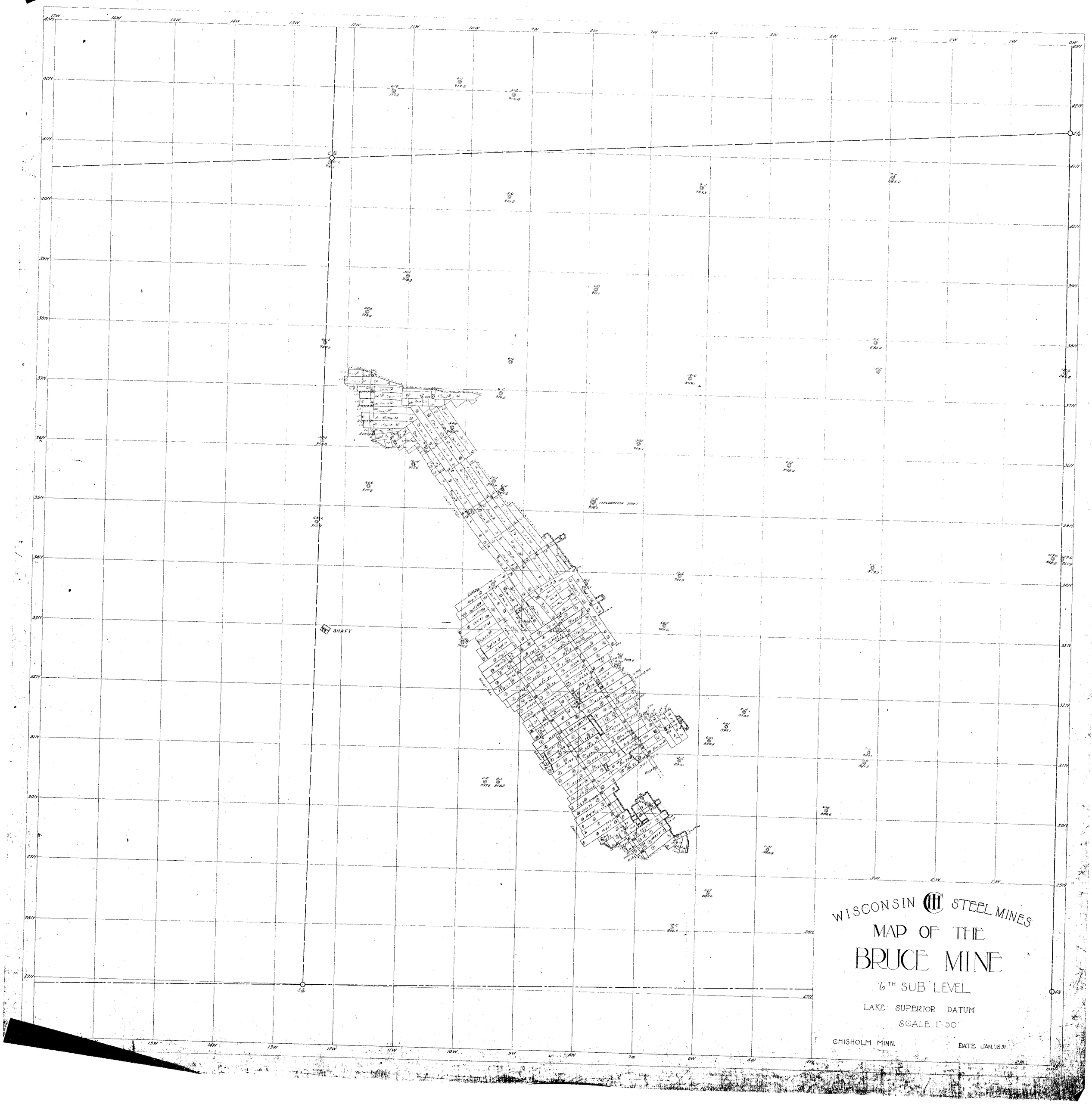

ANALYSIS MAP
OF
SECOND SUB LEVEL
SCALE: 1" = 50'
BRUCPL 2 .71E


ANALYSIS MAP
OF
THIRD SUB LEVEL
SCALE: 1" = 50'
BRUC PL 3 .TIF

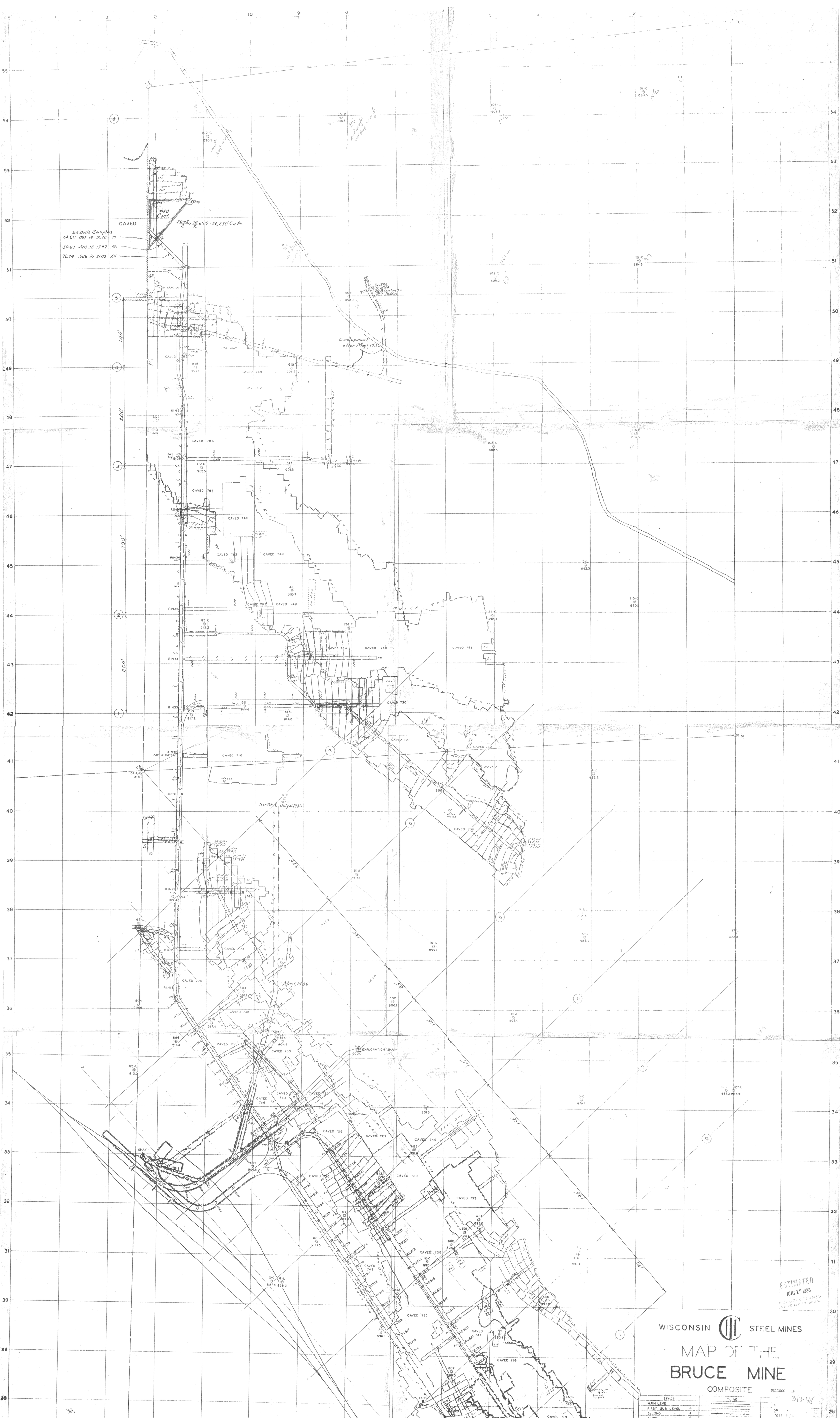

22
21
20
19
18
17
16
15
14
13
12
11W
43
42
41
40
39
38
37
36
35
58
60
61
63
52.1
52.2
52.0
55
85
54
64
52
50.4
67
46'-46' 57.00 .39 13.40
45'-56' 59.75 .32 9.01
50'-55' 51.50 .25 21.86
55'-53' 41.21 .16 37.33
47'-47' 57.08 .28 13.18
47'-52' 53.64 1.15 16.13
ANALYSIS MAP
OF
FIFTH SUB LEVEL
SCALE: 1"= 50'
BRUC PL 4 .TIF


20
19
18
17
16
15
14
13
12
11
10
9
8W
43
42
41
40
39
38
37
36
35
58
60
61
62.1
62.2
62.0
62
64
54
50.4
To shaft
ANALYSIS MAP
OF
MAIN LEVEL
SCALE: 1"= 50'
BRUC PL 1

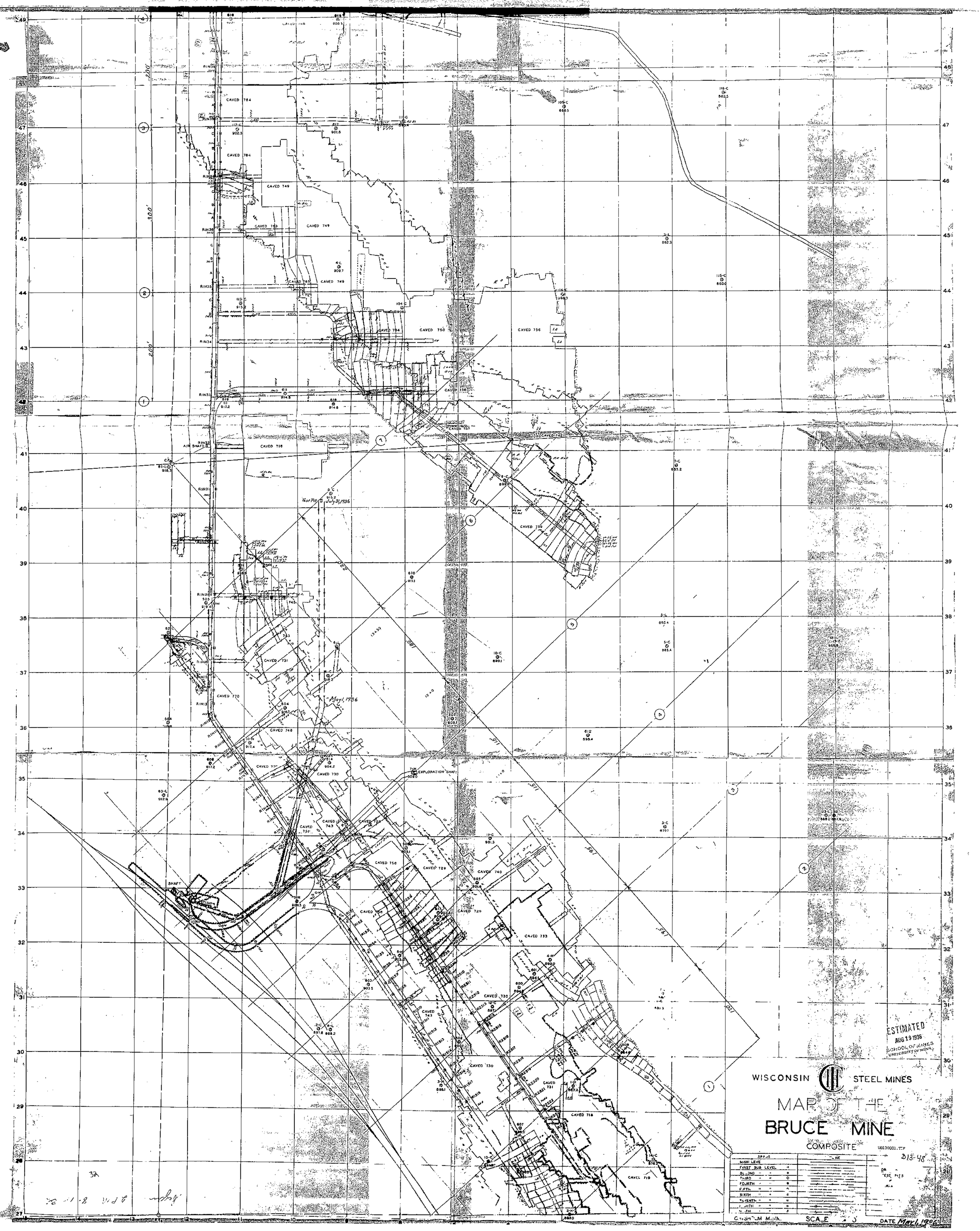

WISCONSIN CHI STEEL MINES
ANALYSIS
MAP OF THE
BRUCE MINE
628' SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE

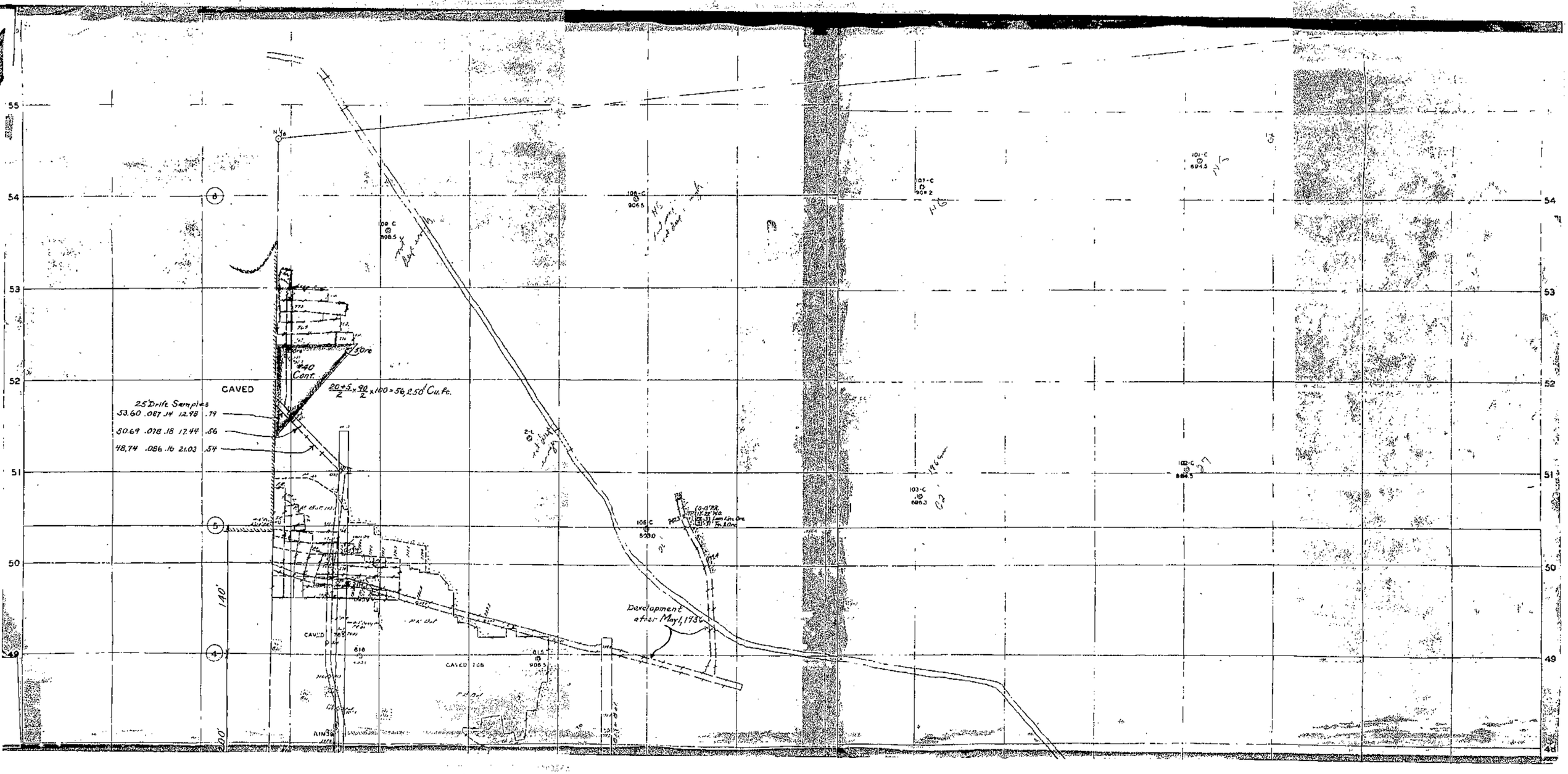

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
6TH SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE JAN. 1931
SHAFT
EXPLORATION DRIFT

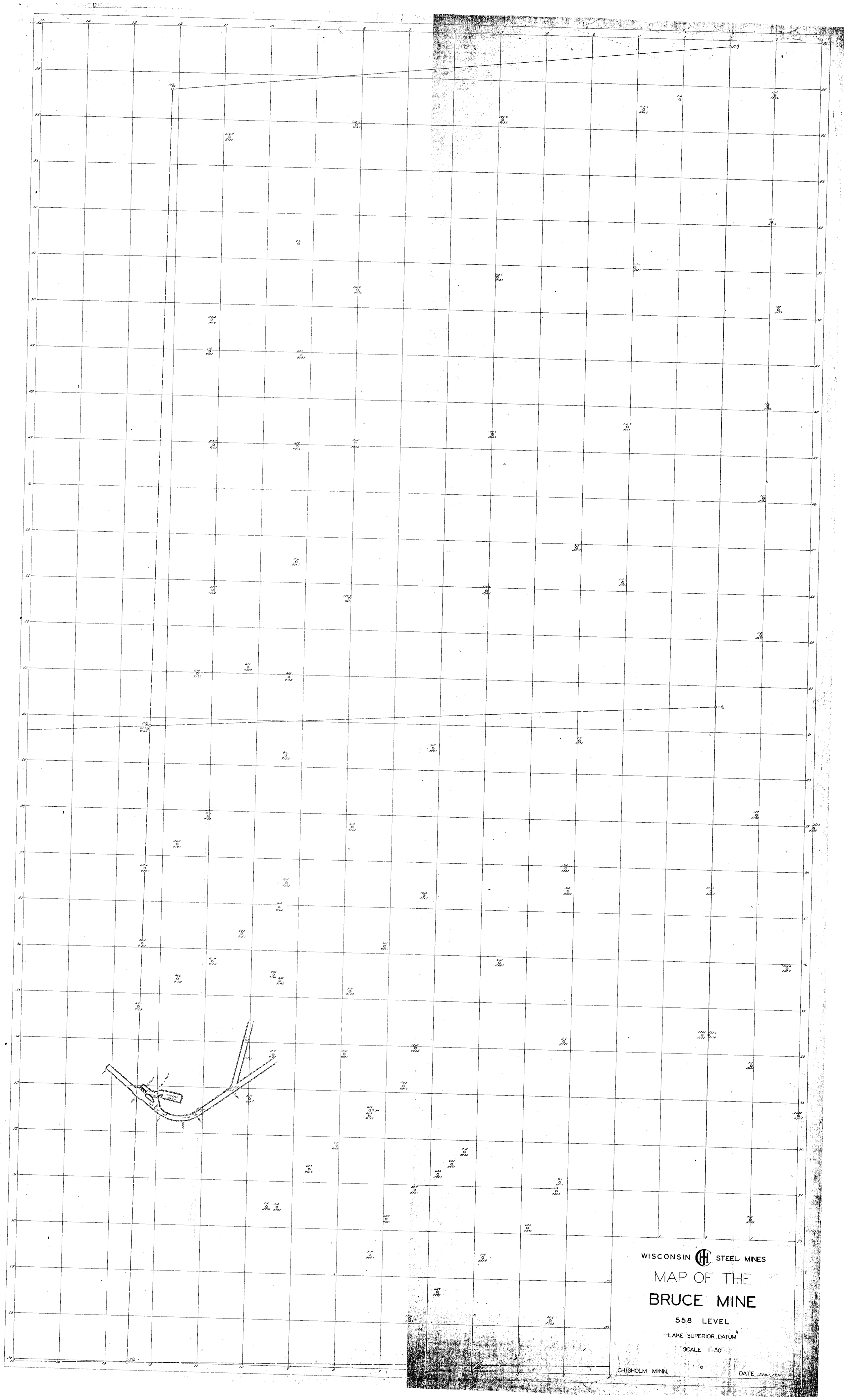
WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
COMPOSITE
SCALE 1" = 50'
CHISHOLM, MINN.
DATE
NE¼-NW¼ SEC. 27-58-20
SE¼-NW¼ SEC. 27-58-20
CAVED
CREST OF CHESTER CAVES
TO SHENANGO
SHAFT
PUMPS
AIR SHAFT
EXPLORATION SHAFT
SPADS
MAIN LEVEL
FIRST SUB LEVEL
SECOND
THIRD
FOURTH
FIFTH
OUTLINE
CONVENTIONS
RAISES
DRILL HOLES
TEST PITS
ROCK

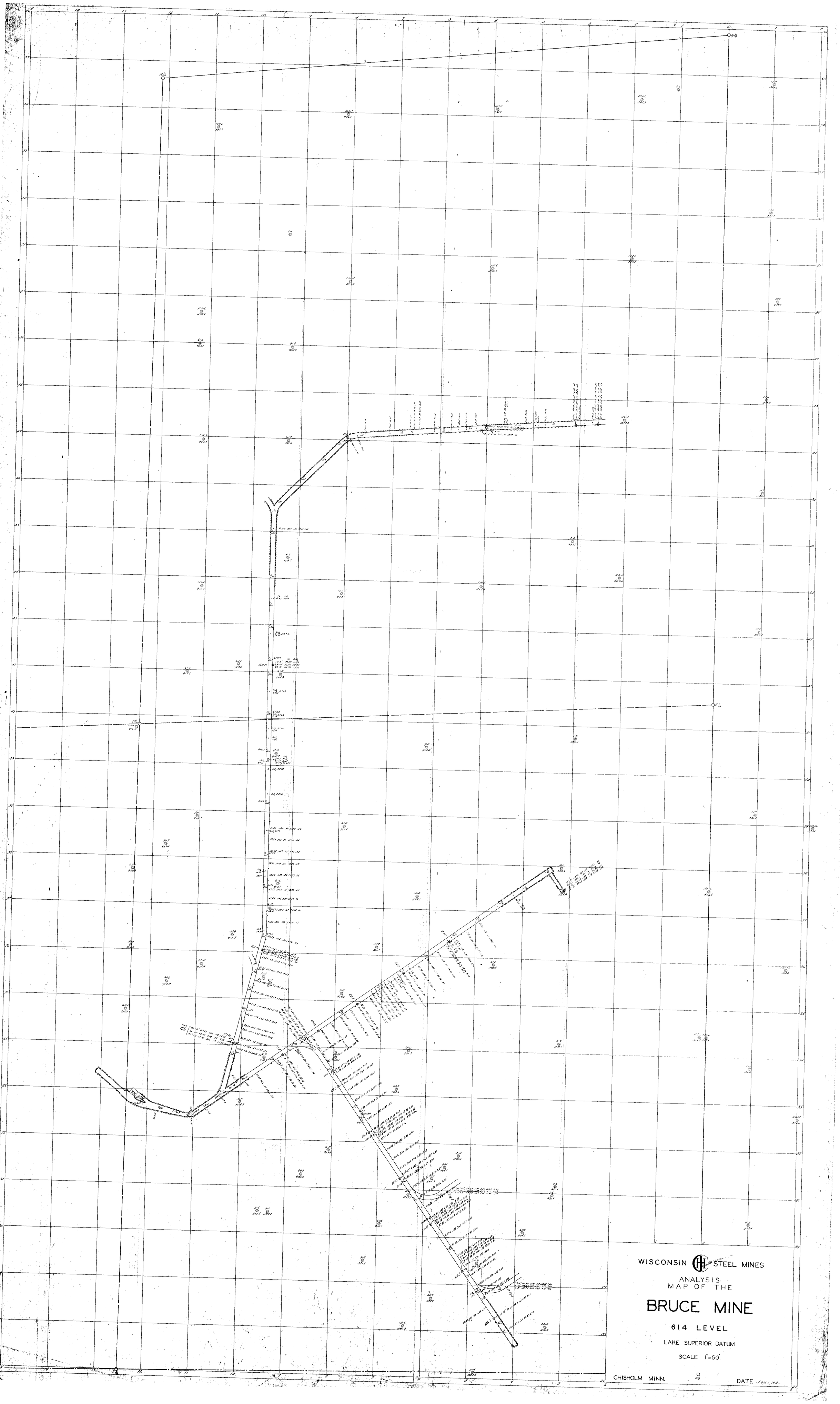

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
COMPOSITE
UD130001.TIF
D13-48
ESTIMATED
AUG 19 1936
SCALE
DATE May 1, 1936
CAVED
25' Drift Samples
53.60 .087 .14 12.48 .79
50.69 .078 .18 17.44 .56
48.74 .086 .16 21.03 .54
#40 Cont.
20+5/2 x 40/2 x 100 = 56,250 Cu. Ft.
Development after May 1, 1936
Test Pit July 31, 1936
May 1, 1936
AIR SHAFT
SHAFT
PUMPS
EXPLORATION SHAFT
CAVED 764
CAVED 749
CAVED 763
CAVED 750
CAVED 758
CAVED 736
CAVED 737
CAVED 742
CAVED 718
CAVED 739
CAVED 731
CAVED 770
CAVED 746
CAVED 730
CAVED 743
CAVED 729
CAVED 740
CAVED 733
CAVED 719
Point Road
Lean Ore
Rock
Waste
Footwall
Hanging Wall
Main Level
First Sub Level
Second
Third
Fourth
Fifth
Sixth
Seventh
Eighth
Ninth
Original Mine
Date May 1, 1936

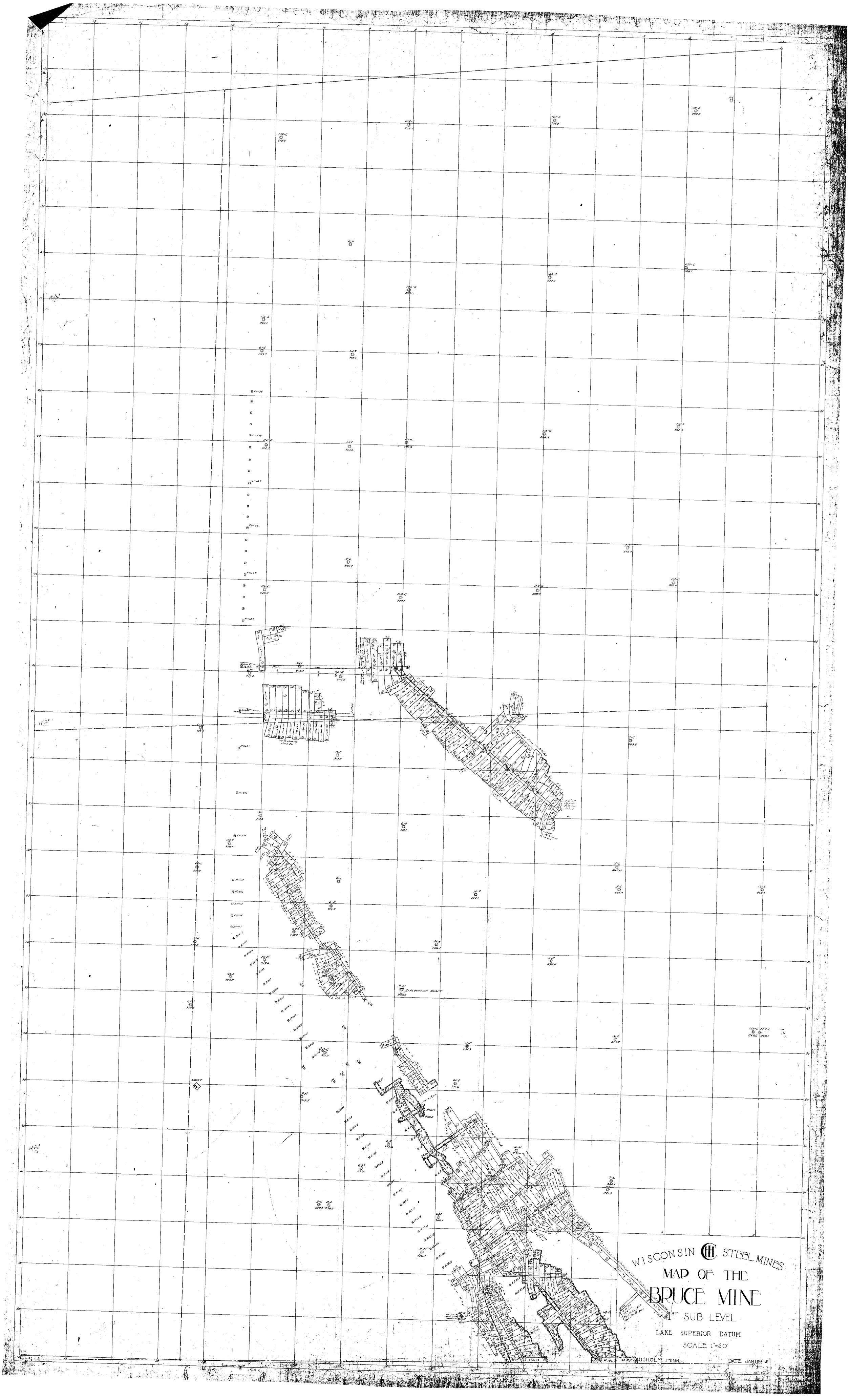
WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
COMPOSITE
SPANS
MAIN LEVE
FIRST SUB LEVEL
SECOND
THIRD
FOURTH
FIFTH
SIXTH
SEVENTH
SCALE
DATE MAY 1, 1936
ESTIMATED
AUG 19 1936
CAVED 729
CAVED 740
CAVED 733
CAVED 730
CAVED 743
CAVED 731
CAVED 718
R2S2
R2S3
R2S4
R2S5
R2S6
R2S8
R2S9
R2S10
R2S11
R2S12
R2S13
R2S14
R2S15
R2S16
R2S17
R2S18
R2S19
R2S20
R2S21
R2S22
R1S8
R1S9
R1S10
R1S11
R1S12
R1S13
R1S14
R1S15
R1S16
R1S17
R1S18
123-L
127-L
868.2
837.9
901.3
905.1
605
901.6
613
903.4
609
903.2
6-H
903.5
4-H
893.0
601
894.1
600
894.0
12-C
897.1
602
900.1
3-H
896.1
1-H
883.6
607
899.0
13-C
14-C
876.3
2-H
883.0
195
170
35
34
33
32
31
30
29
28
8
7
5
4
3
2
1
0

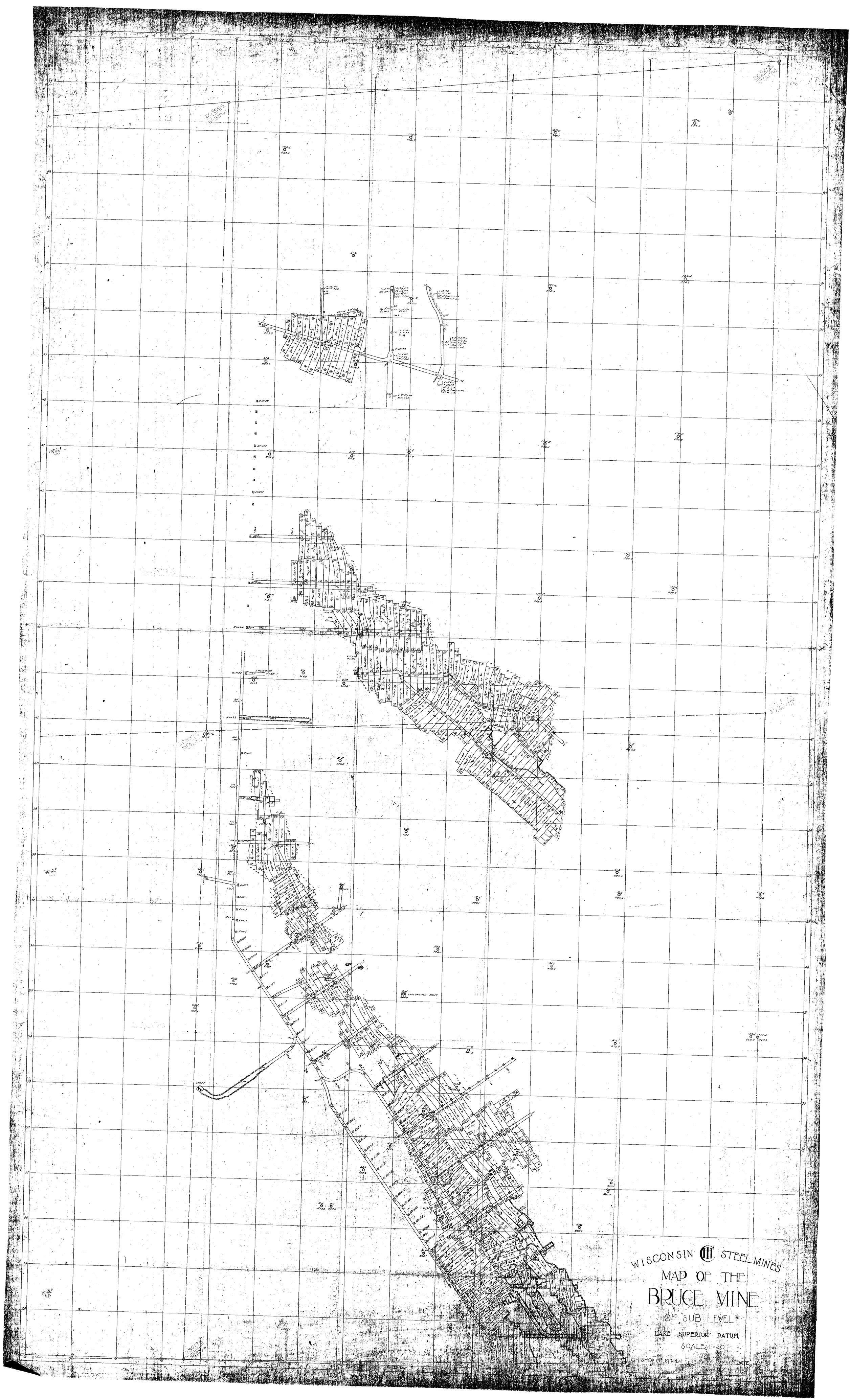

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
COMPOSITE
ESTIMATED
AUG 19 1936
SCHOOL OF MINES
UNIVERSITY OF MINN.
SHAFT
EXPLORATION SHAFT
AIR SHAFT
CAVED 784
CAVED 749
CAVED 763
CAVED 750
CAVED 756
CAVED 736
CAVED 737
CAVED 718
CAVED 739
CAVED 731
CAVED 770
CAVED 748
CAVED 730
CAVED 743
CAVED 751
CAVED 729
CAVED 740
CAVED 733
CAVED 716
CAVED 719
Test Pit July 31, 1936
May 1, 1936
200'
300'
200'

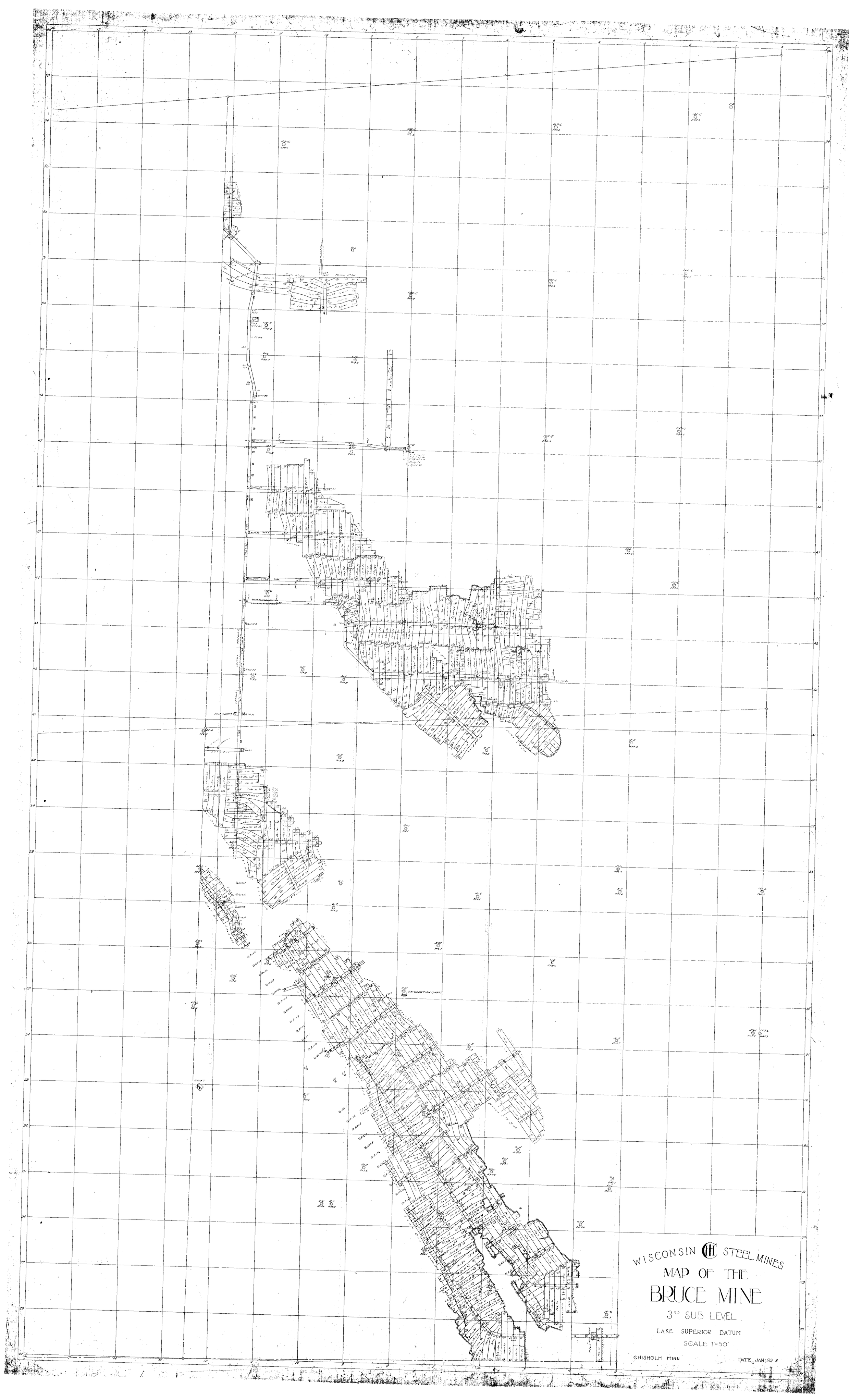

55
54
53
52
51
50
49
48
CAVED
25' Drift Samples
53.60 .067 .14 12.98 .79
50.69 .078 .18 17.44 .56
48.74 .086 .16 21.03 .54
#40 Cont.
Ore
20+5 / 2 x 90 / 2 x 180 = 56,250 Cu. ft.
140'
200'
CAVED
CAVED 708
Development after May 1, 1936
108-C
906.5
101-C
694.5
107-C
902
102-C
888.5
103-C
889.3
105-C
8330

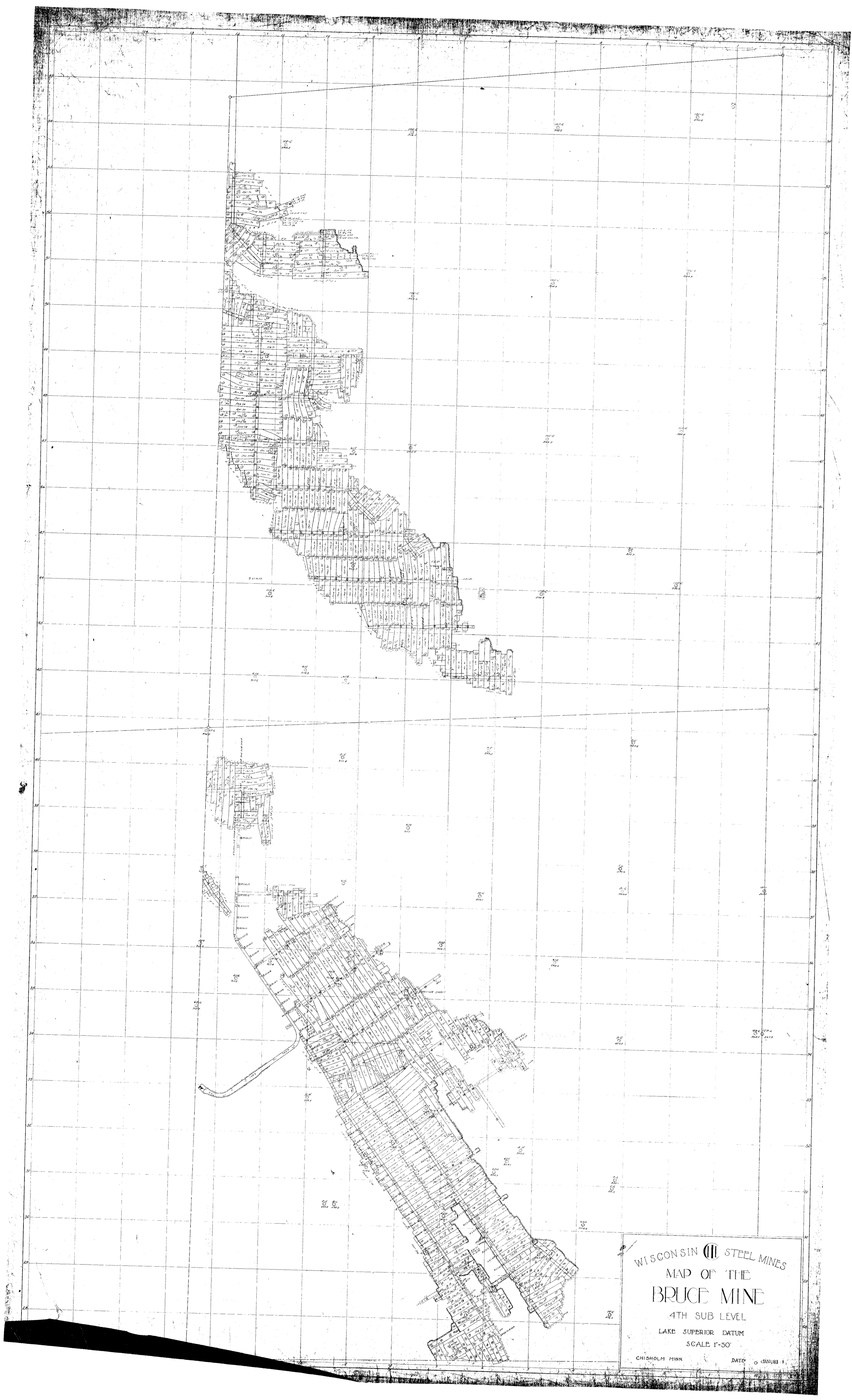

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
558 LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE JAN. 1, 1936

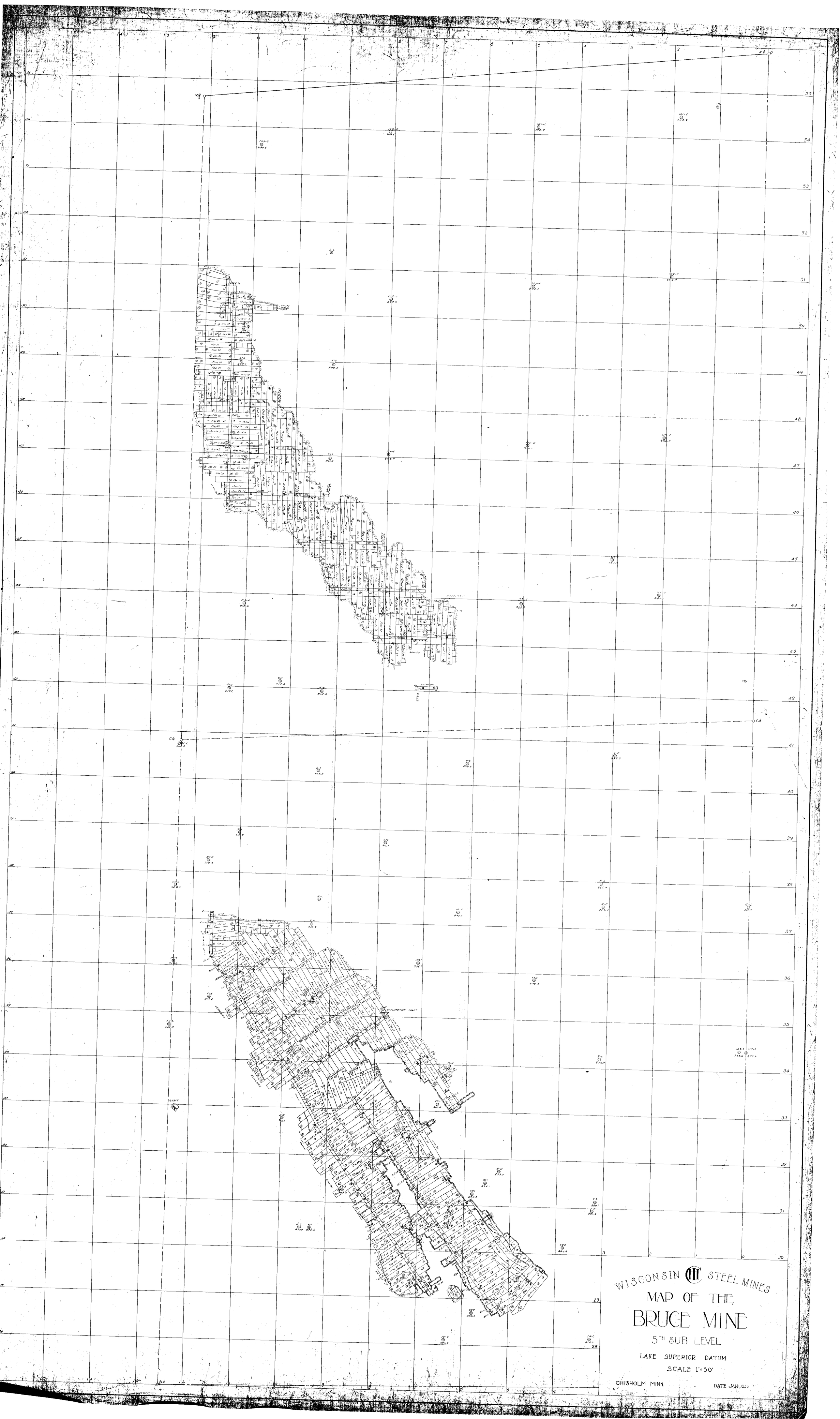

WISCONSIN STEEL MINES
ANALYSIS
MAP OF THE
BRUCE MINE
614 LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE JAN 1, 193

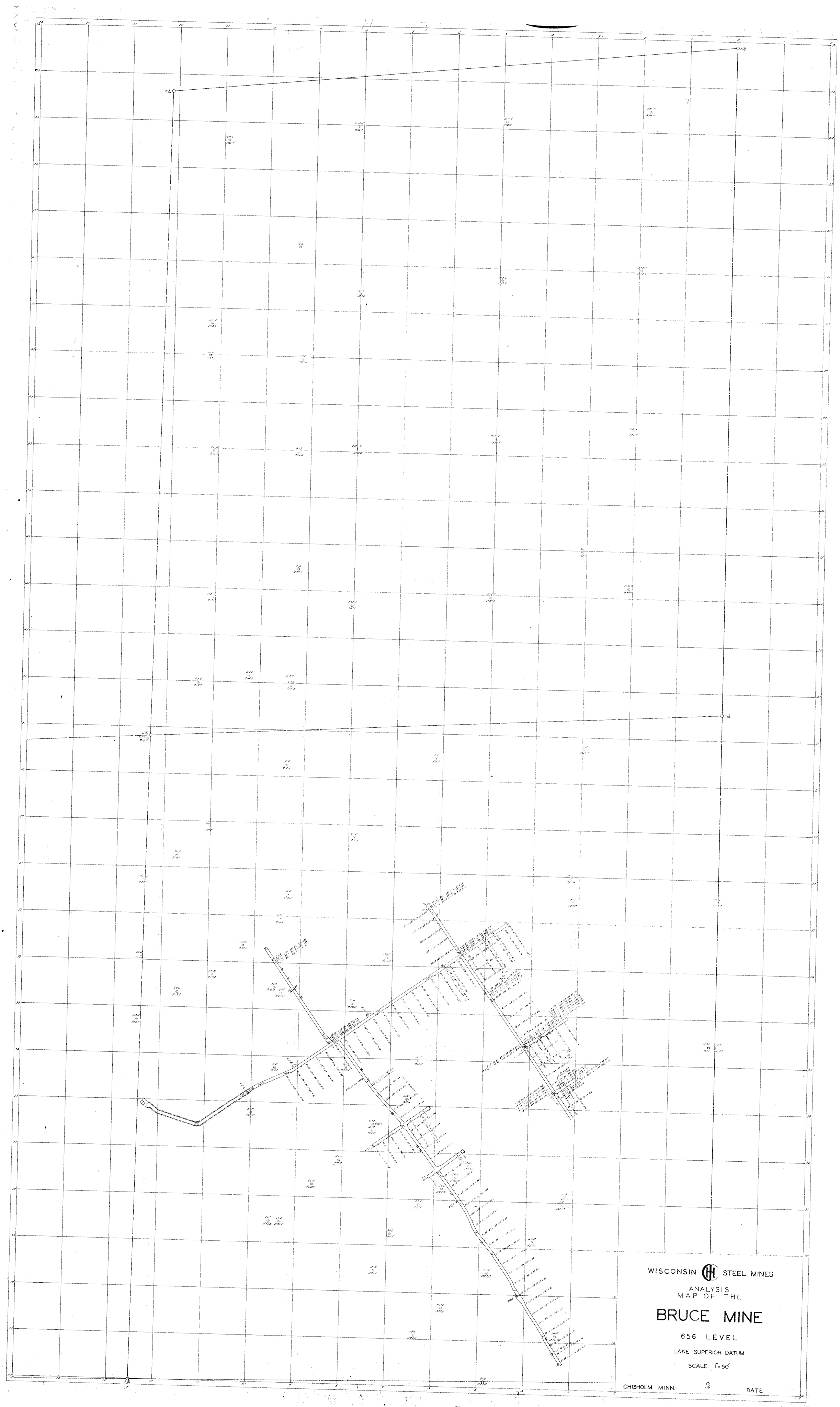

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
1ST SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
HISHOLM MINN.
DATE JAN 1938
EXPLORATION SHAFT
SHAFT

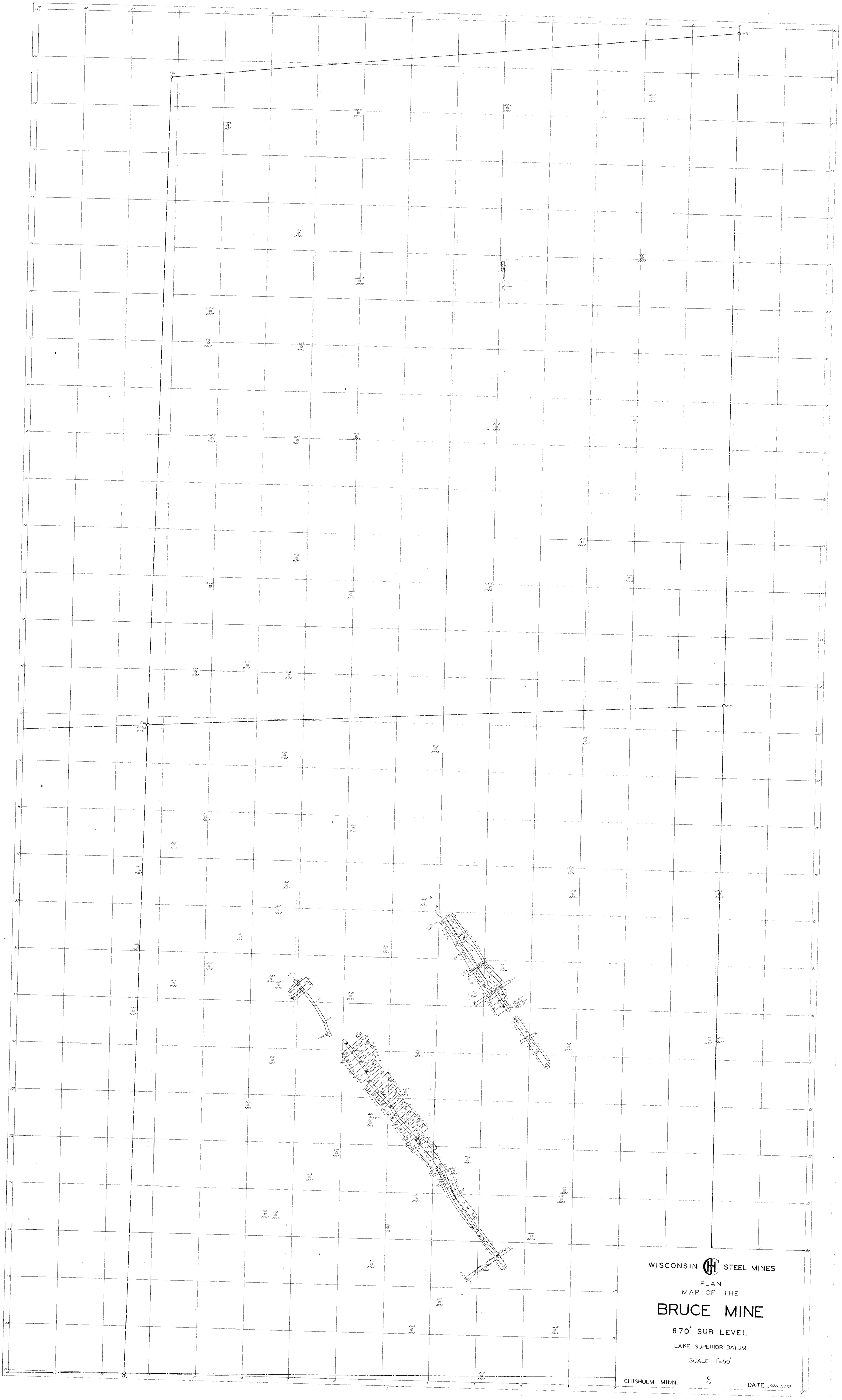

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
2ND SUB LEVEL
LAKE SUPERIOR DATUM
SCALE: 1"=50'
CHISHOLM, MINN.
DATE JAN. 30 &
EXPLORATION SHAFT
SHAFT

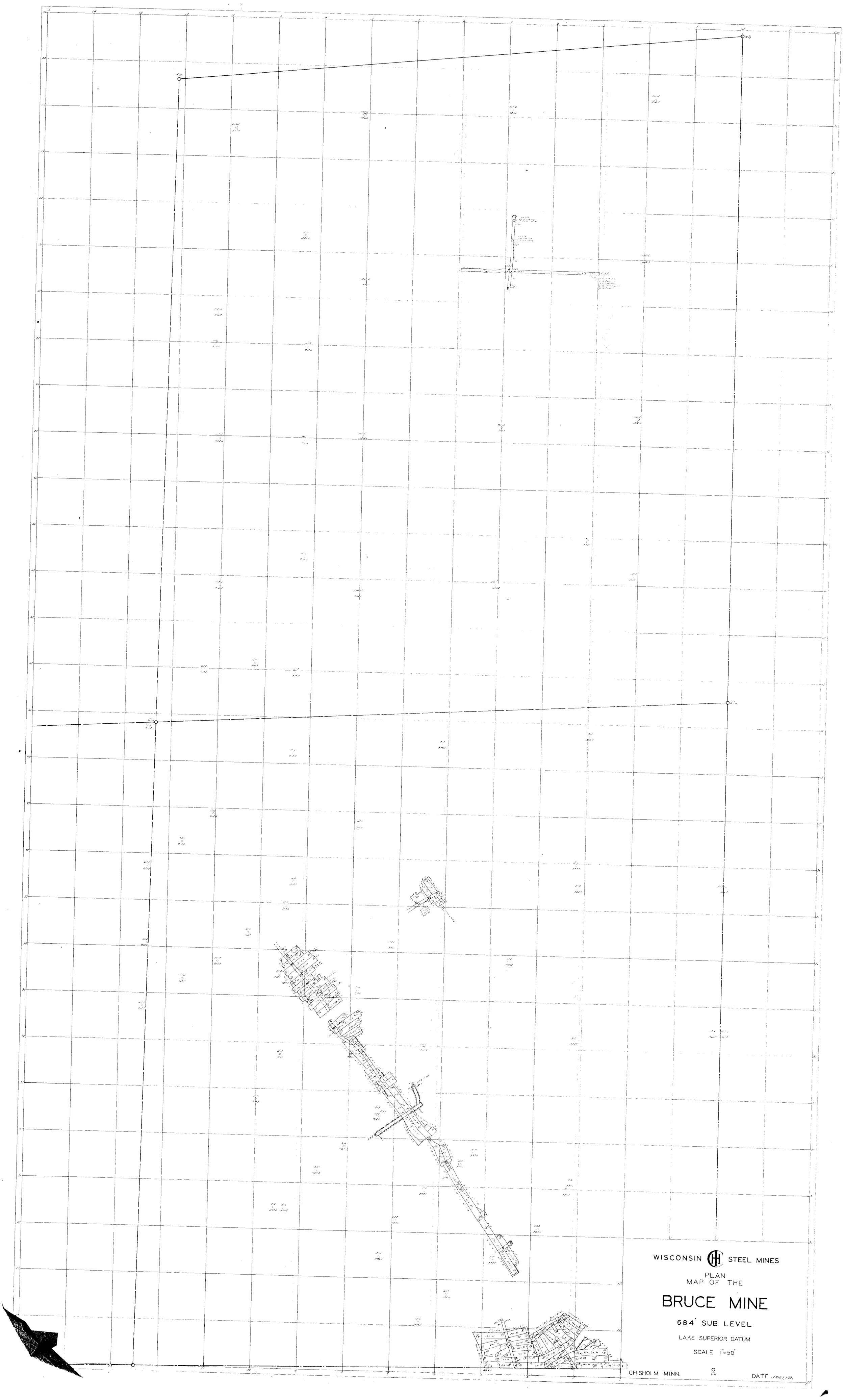

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
3RD SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN
DATE JAN. 1938
AIR SHAFT
EXPLORATION SHAFT

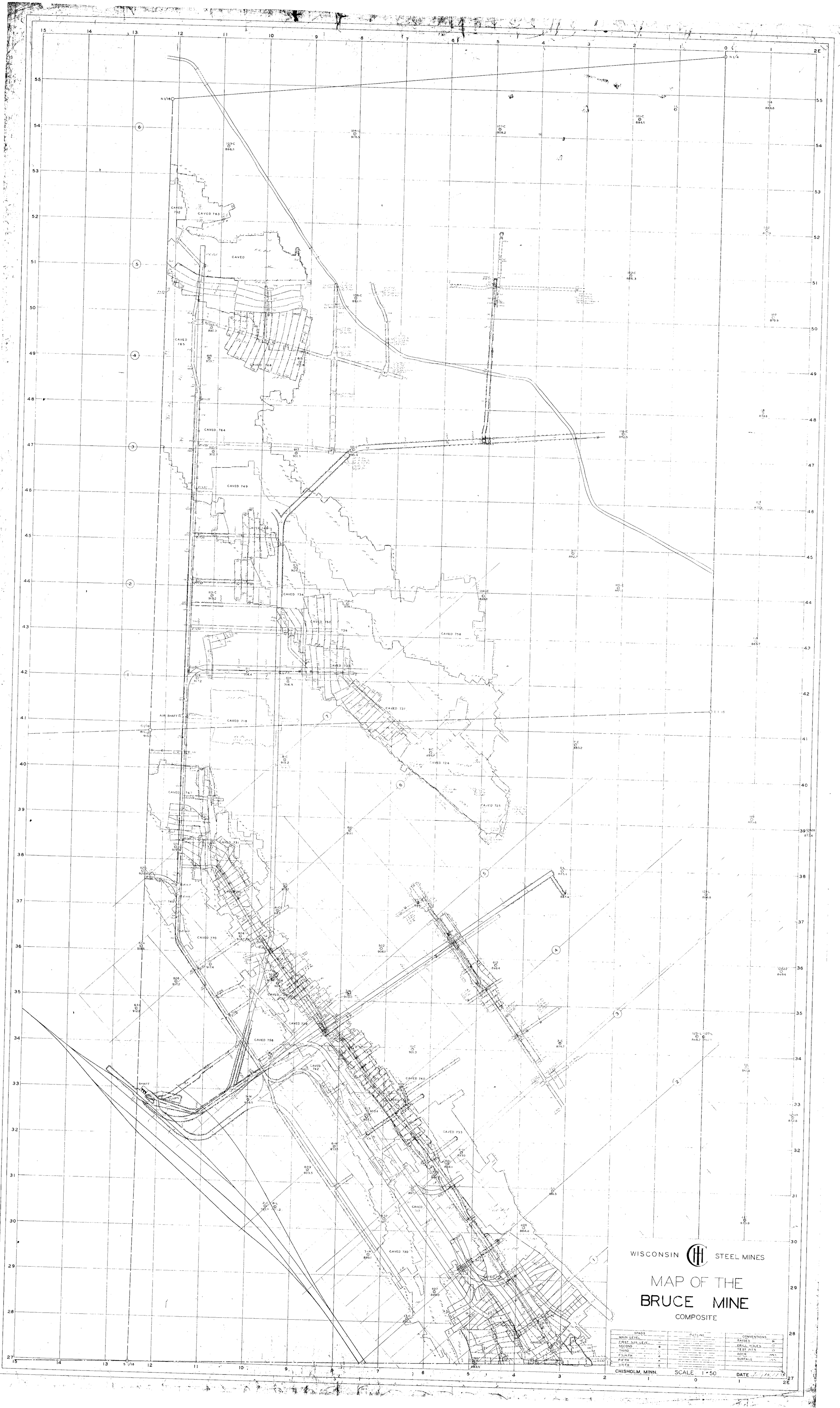

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
4TH SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE: JAN. 1933

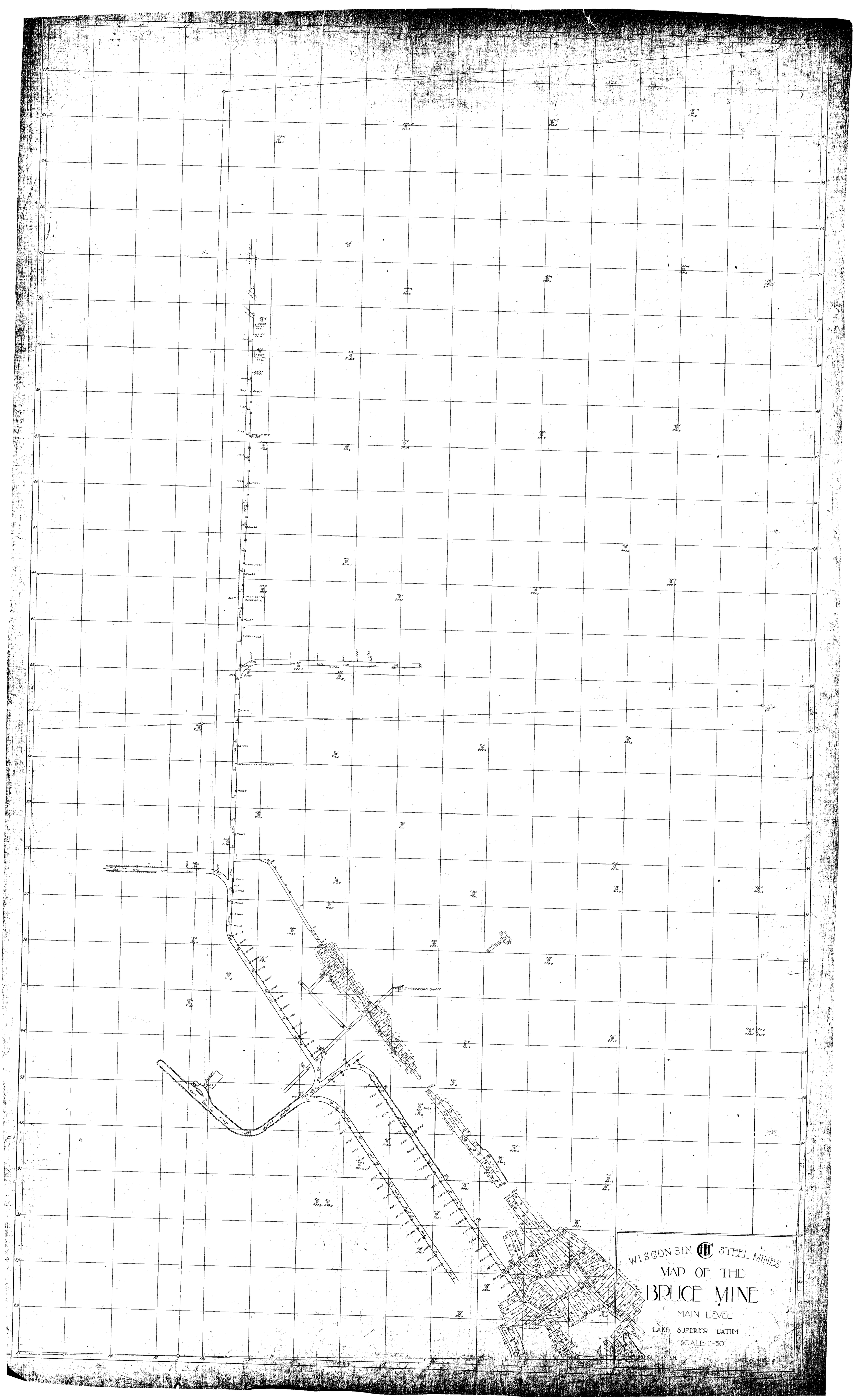

WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
5TH SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1" = 50'
CHISHOLM MINN.
DATE JAN. 1930
EXPLORATION SHAFT
SHAFT
LEAN ORE

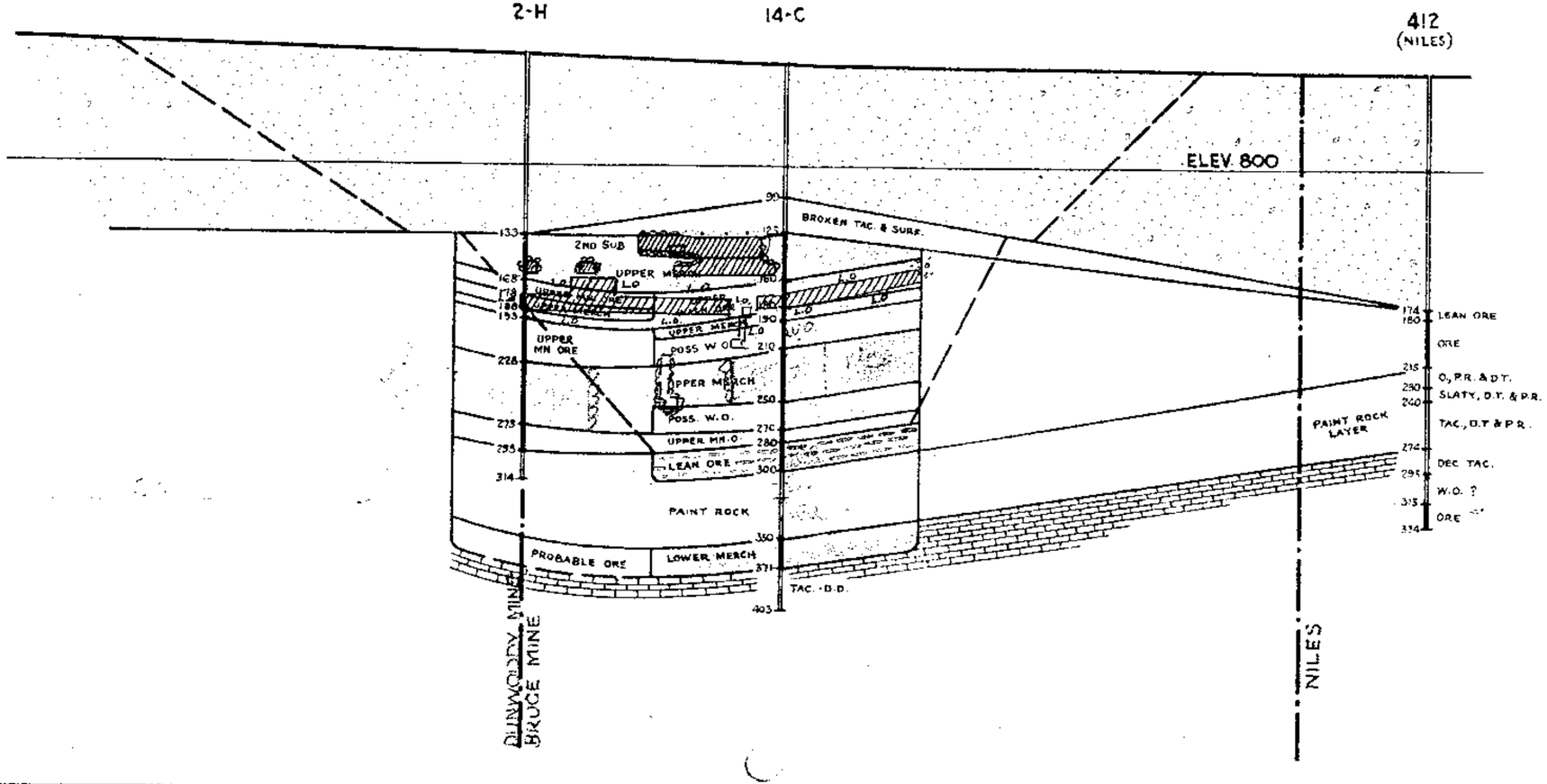

WISCONSIN STEEL MINES
ANALYSIS
MAP OF THE
BRUCE MINE
656 LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE


WISCONSIN STEEL MINES
PLAN
MAP OF THE
BRUCE MINE
670' SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE JAN 1, 193


WISCONSIN STEEL MINES
PLAN
MAP OF THE
BRUCE MINE
684' SUB LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
CHISHOLM MINN.
DATE JAN 1, 193


WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
COMPOSITE
SPADS
MAIN LEVEL
FIRST SUB LEVEL
SECOND
THIRD
FOURTH
FIFTH
SIXTH
OUTLINE
CONVENTIONS
RAISES
DRILL HOLES
TEST PITS
ROCK
SURFACE
CHISHOLM, MINN.
SCALE 1"=50'
DATE
CAVED 763
CAVED 752
CAVED
CAVED 765
CAVED 768
CAVED 764
CAVED 749
CAVED 734
CAVED 750
CAVED 756
CAVED 737
CAVED 718
CAVED 724
CAVED 725
CAVED 747
CAVED 731
CAVED 770
CAVED 742
CAVED 740
CAVED 733
CAVED 717
CAVED 730
CAVED 719
AIR SHAFT
SHAFT
CAMPS


WISCONSIN STEEL MINES
MAP OF THE
BRUCE MINE
MAIN LEVEL
LAKE SUPERIOR DATUM
SCALE 1"=50'
PAINT ROCK
GREY SLATE
PAINT ROCK
SLIP
BEGINNING R.R. BOTTOM
EXPLORATION SHAFT
SHAFT



A

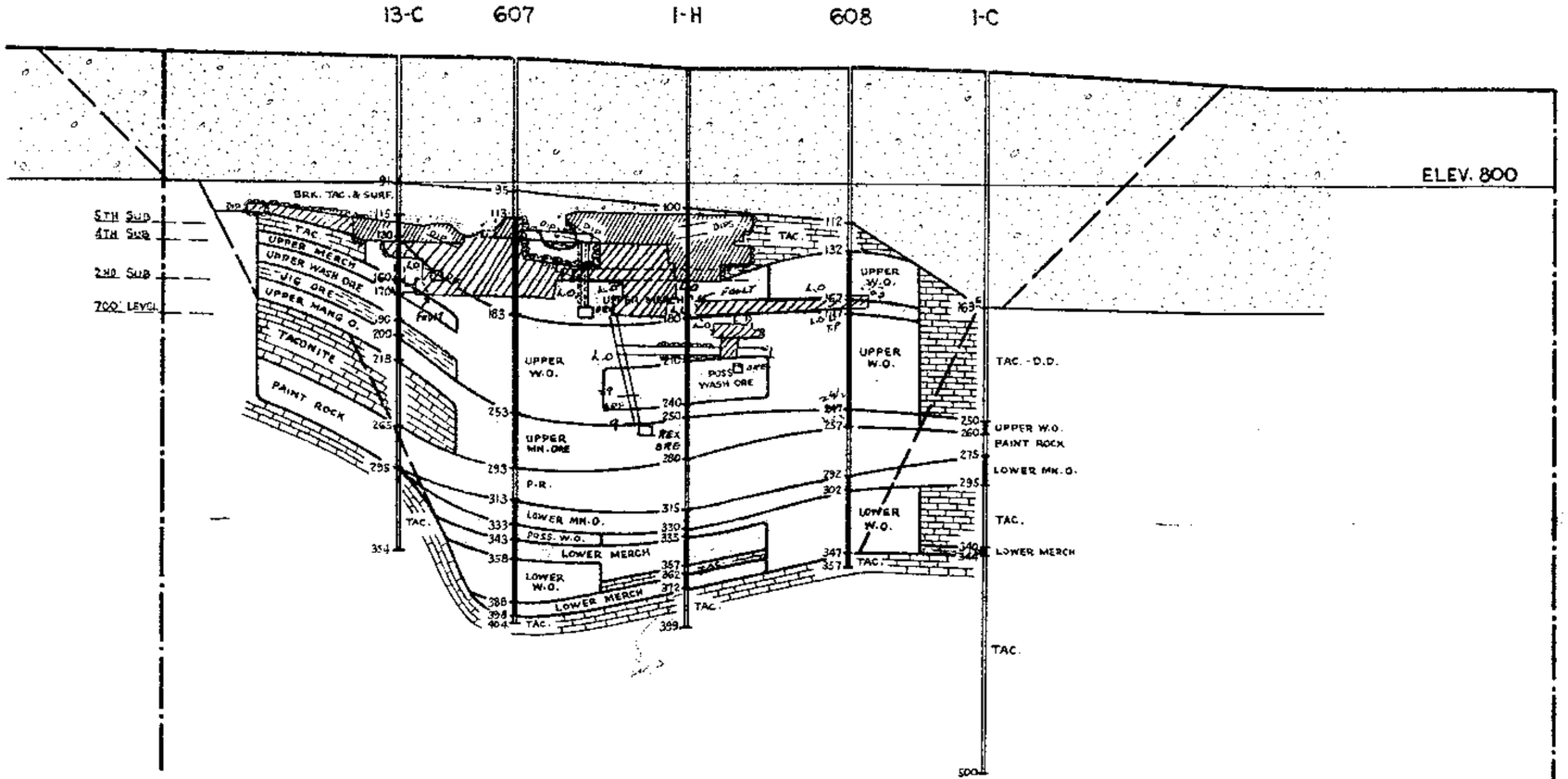
CROSS SECTION
LOOKING NORTHWEST

BRUCE MINE

SE¼-NW¼-SEC.27-58-20

SCALE 1" = 100'

ETF



B

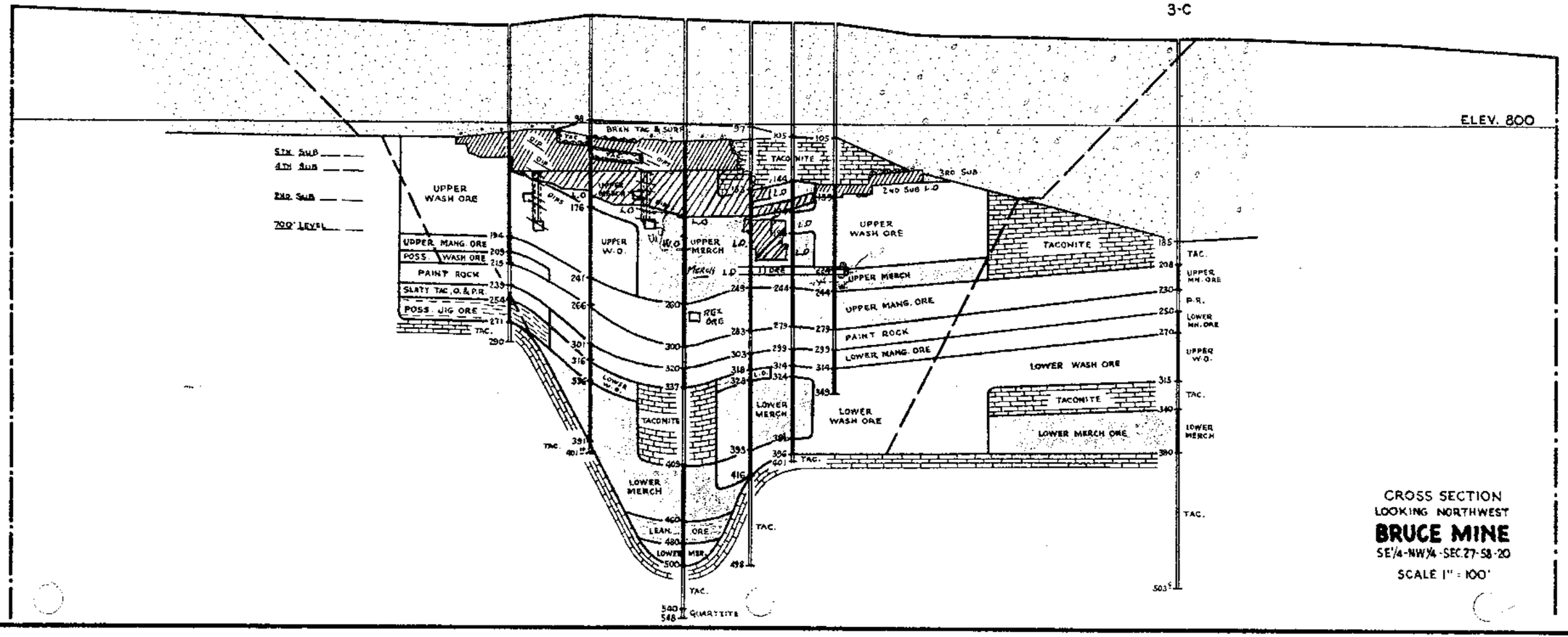
CROSS SECTION
LOOKING NORTHWEST

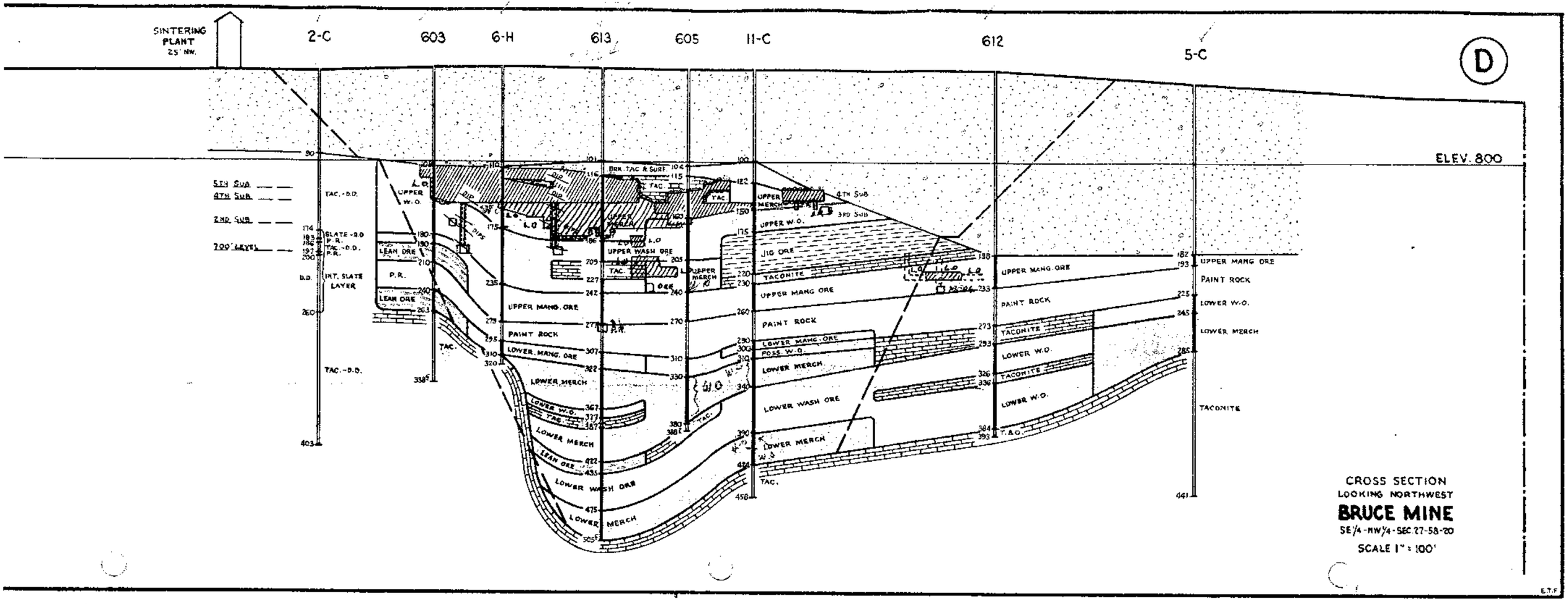
BRUCE MINE

SE¼-NW¼-SEC 27-58-20

SCALE 1" = 100'

E.T.F.


3-H
602
12-C
600
601
4-H
3-C
C
ELEV. 800
5TH SUB
4TH SUB
2ND SUB
700' LEVEL
UPPER WASH ORE
UPPER MANG. ORE
POSS. WASH ORE
PAINT ROCK
SLATY TAC., O. & P.R.
POSS. JIG ORE
TAC.
BRKN TAC & SURF.
TACONITE
3RD SUB
2ND SUB L.O.
UPPER W.O.
UPPER MERCH
L.O.
MERCH L.O.
ROCK ORE
UPPER MERCH
UPPER MANG. ORE
PAINT ROCK
LOWER MANG. ORE
LOWER WASH ORE
LOWER MERCH
LOWER MERCH ORE
LEAN ORE
LOWER MER.
QUARTZITE
UPPER MN. ORE
P.R.
LOWER MN. ORE
UPPER W.O.
LOWER MERCH
CROSS SECTION
LOOKING NORTHWEST
BRUCE MINE
SE¼-NW¼-SEC.27-58-20
SCALE 1" = 100'



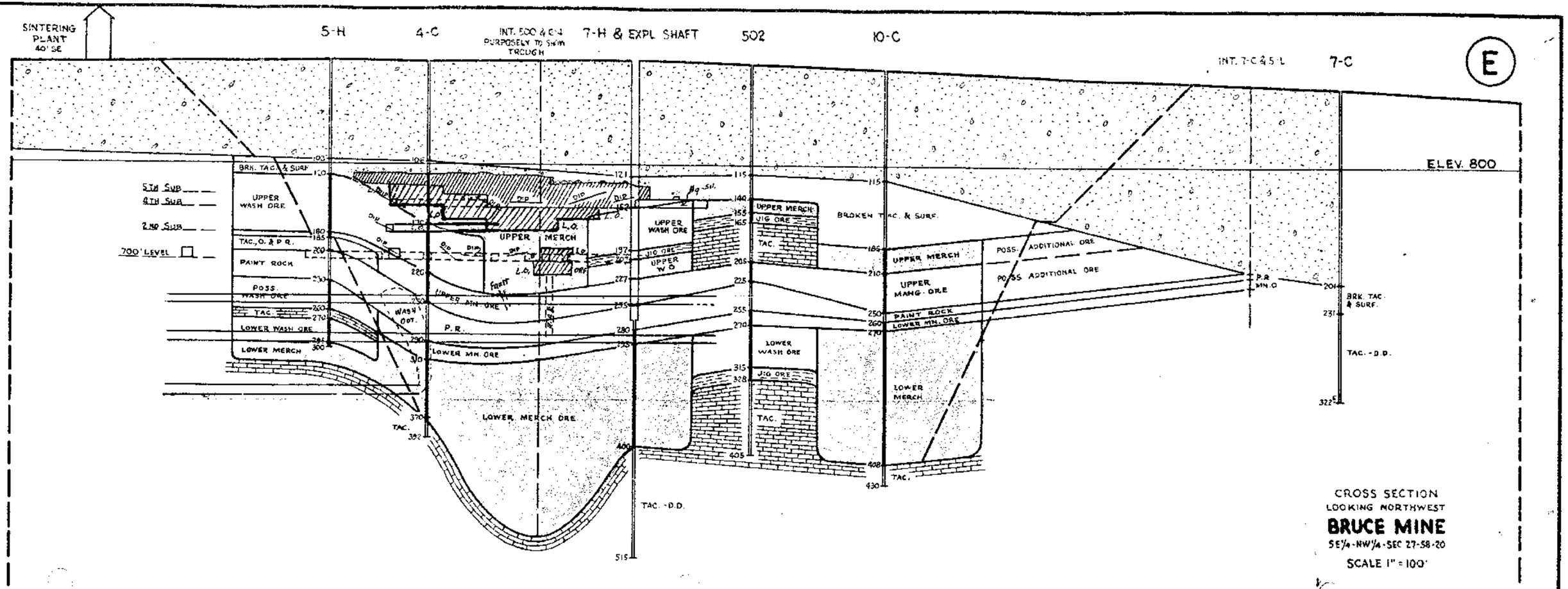
CROSS SECTION
LOOKING NORTHWEST

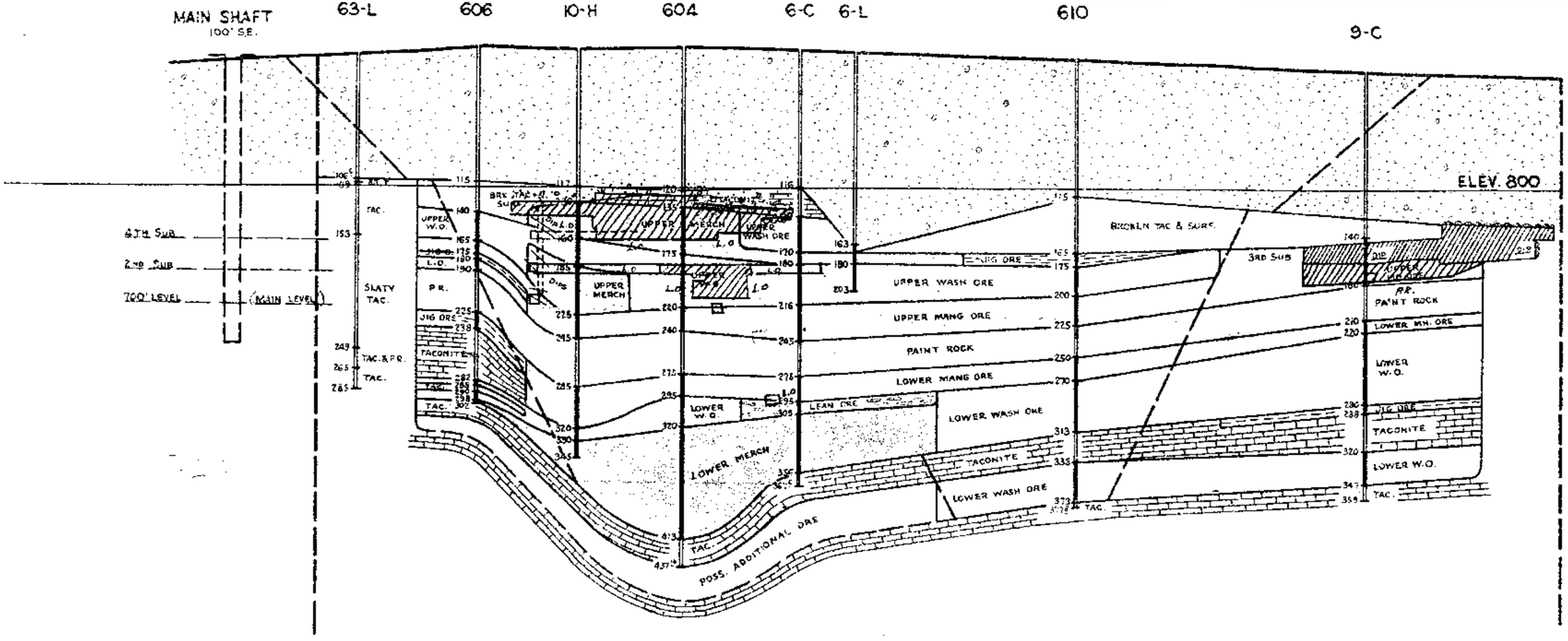
BRUCE MINE

SE¼-NW¼-SEC.27-58-20

SCALE 1" = 100'

E.T.F.


SINTERING PLANT 40' SE
5-H
4-C
INT. 500 & 5-H PURPOSELY TO SHOW TROUGH
7-H & EXPL SHAFT
502
10-C
INT. 7-C & 5-L
7-C
E
ELEV. 800
5TH SUB
4TH SUB
2ND SUB
700' LEVEL
BRK. TAC. & SURF.
UPPER WASH ORE
TAC., O. & P. R.
PAINT ROCK
POSS. WASH ORE
TAC.
LOWER WASH ORE
LOWER MERCH
UPPER MERCH
UPPER WASH ORE
UPPER W.O.
JIG ORE
UPPER MIN. ORE
WASH OUT.
P.R.
LOWER MN. ORE
LOWER MERCH. ORE
TAC.
TAC.-D.D.
UPPER MERCH.
JIG ORE
TAC.
LOWER WASH ORE
JIG ORE
TAC.
BROKEN TAC. & SURF.
UPPER MERCH
UPPER MANG. ORE
PAINT ROCK
LOWER MN. ORE
LOWER MERCH
POSS. ADDITIONAL ORE
POSS. ADDITIONAL ORE
P.R.
MN.O.
BRK. TAC. & SURF.
TAC.-D.D.
TAC.
CROSS SECTION
LOOKING NORTHWEST
BRUCE MINE
SE¼-NW¼-SEC 27-58-20
SCALE 1" = 100'

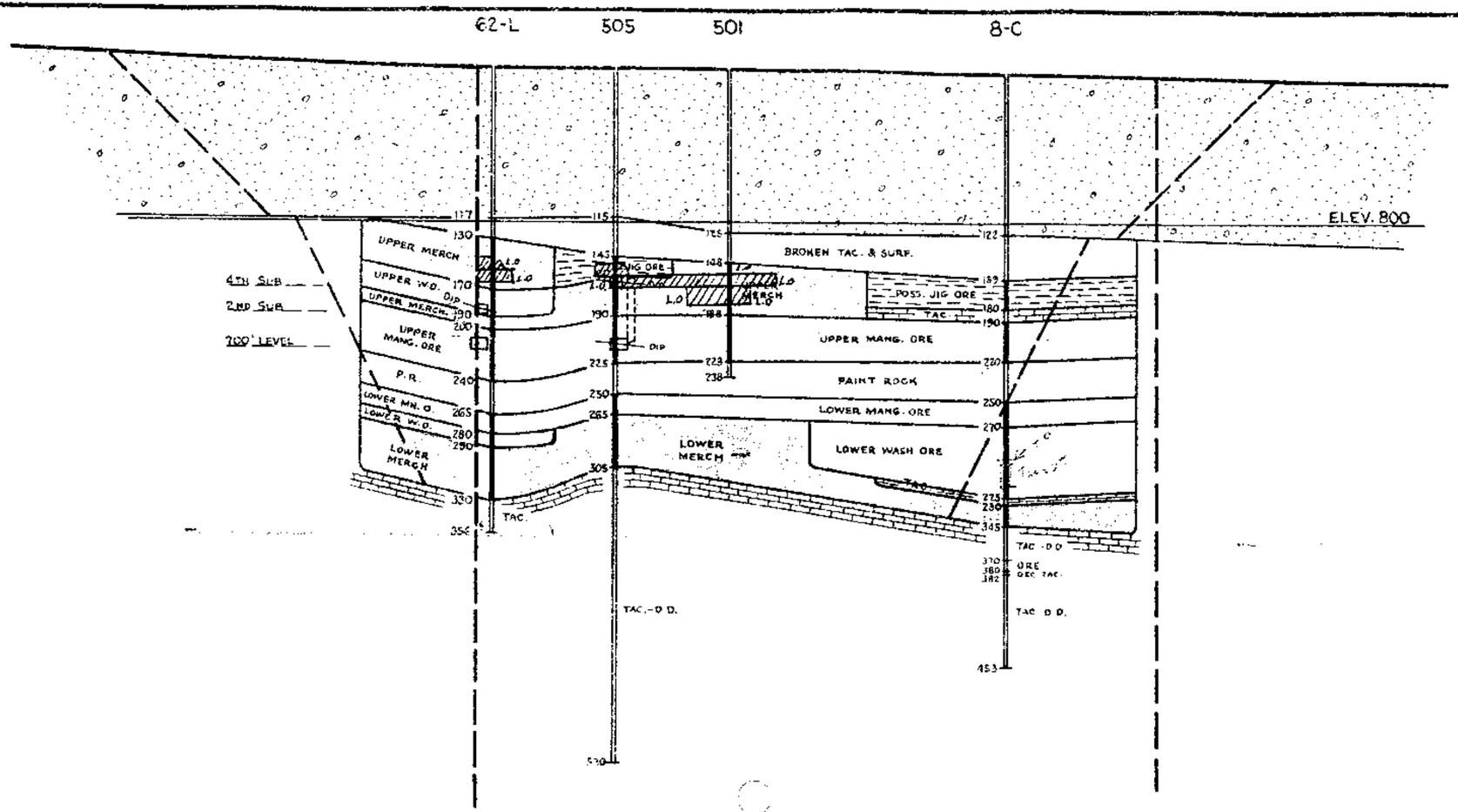


CROSS SECTION
LOOKING NORTHWEST

BRUCE MINE

SE¼-NW¼-SEC 27-58-20

SCALE 1" = 100'



G

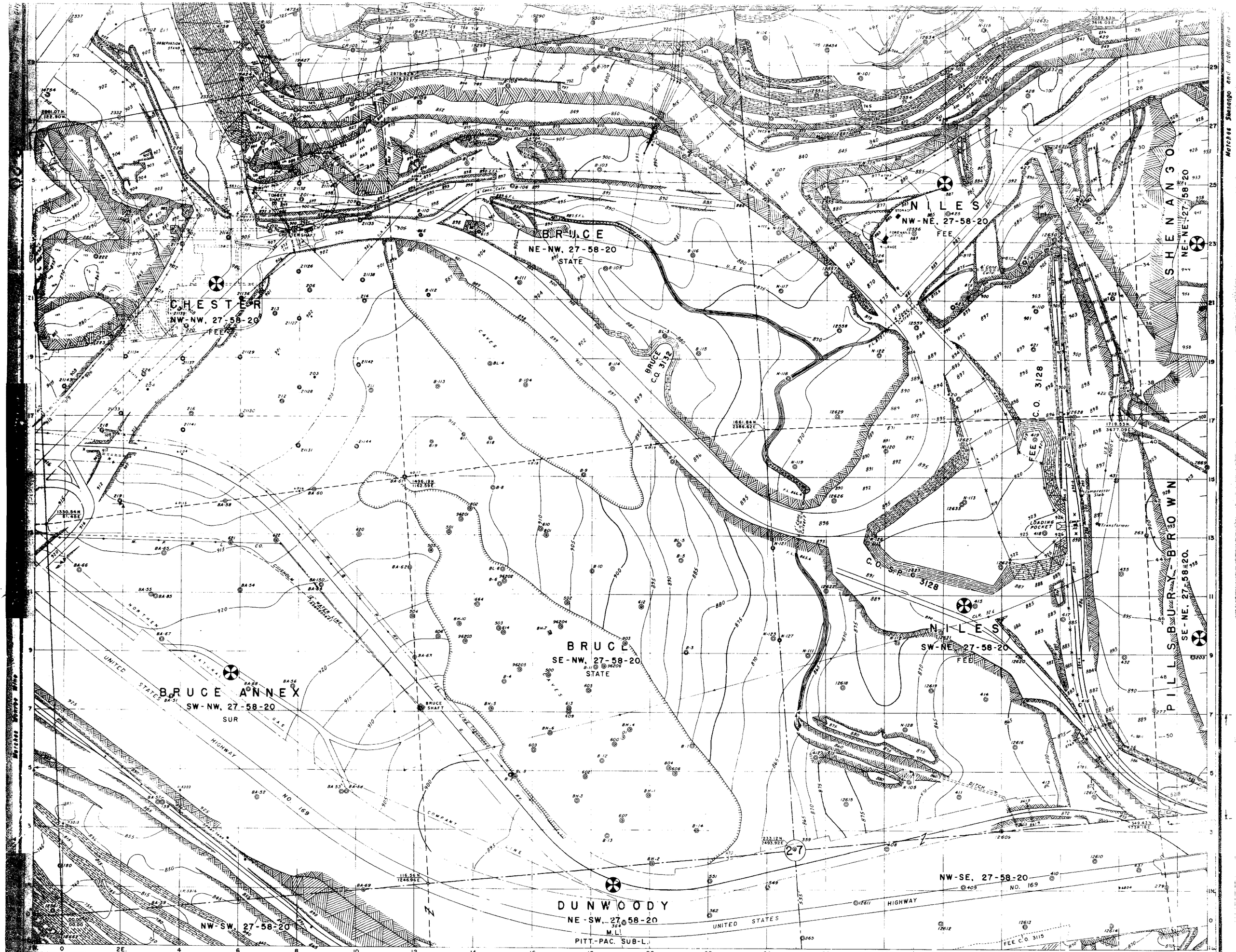
CROSS SECTION
LOOKING NORTHWEST

BRUCE MINE

SE¼-NW¼-SEC 27-S8-20

SCALE 1" = 100'

E.T.F.


Matches Shenango and Pittsburg
Matches Dunwoody Mine
58-20
Matches Duncan Mine & Vicinity
TWIN CITY JAN. 1, 1975
UD130007.TIF
CHESTER
NW-NW, 27-58-20
FEE
BRUCE
NE-NW, 27-58-20
STATE
NILES
NW-NE, 27-58-20
FEE
SHENANGO
NE-NE, 27-58-20
BRUCE ANNEX
SW-NW, 27-58-20
SUR
BRUCE
SE-NW, 27-58-20
STATE
NILES
SW-NE, 27-58-20
FEE
PITTSBURG
SE-NE, 27-58-20
DUNWOODY
NE-SW, 27-58-20
M.L.
PITT.-PAC. SUB-L.
NW-SW, 27-58-20
NW-SE, 27-58-20
NO. 169
HIGHWAY
UNITED STATES
BRUCE C.O. 3132
C.O. 3128
C.O. S.P. 3128
FEE C.O. 3115
CAVES
NORTHERN
NATURAL
GAS
COMPANY
LINE
BRUCE SHAFT
TIMBER SHAFT
CHESTER SHAFT
OBSERVATION STAND
LOADING POCKET
Transformer
Compressor Slab
DITCH
FORE HAUL
STORAGE
GRAGE
CRUSHOL
FEE
0 2E 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 39E