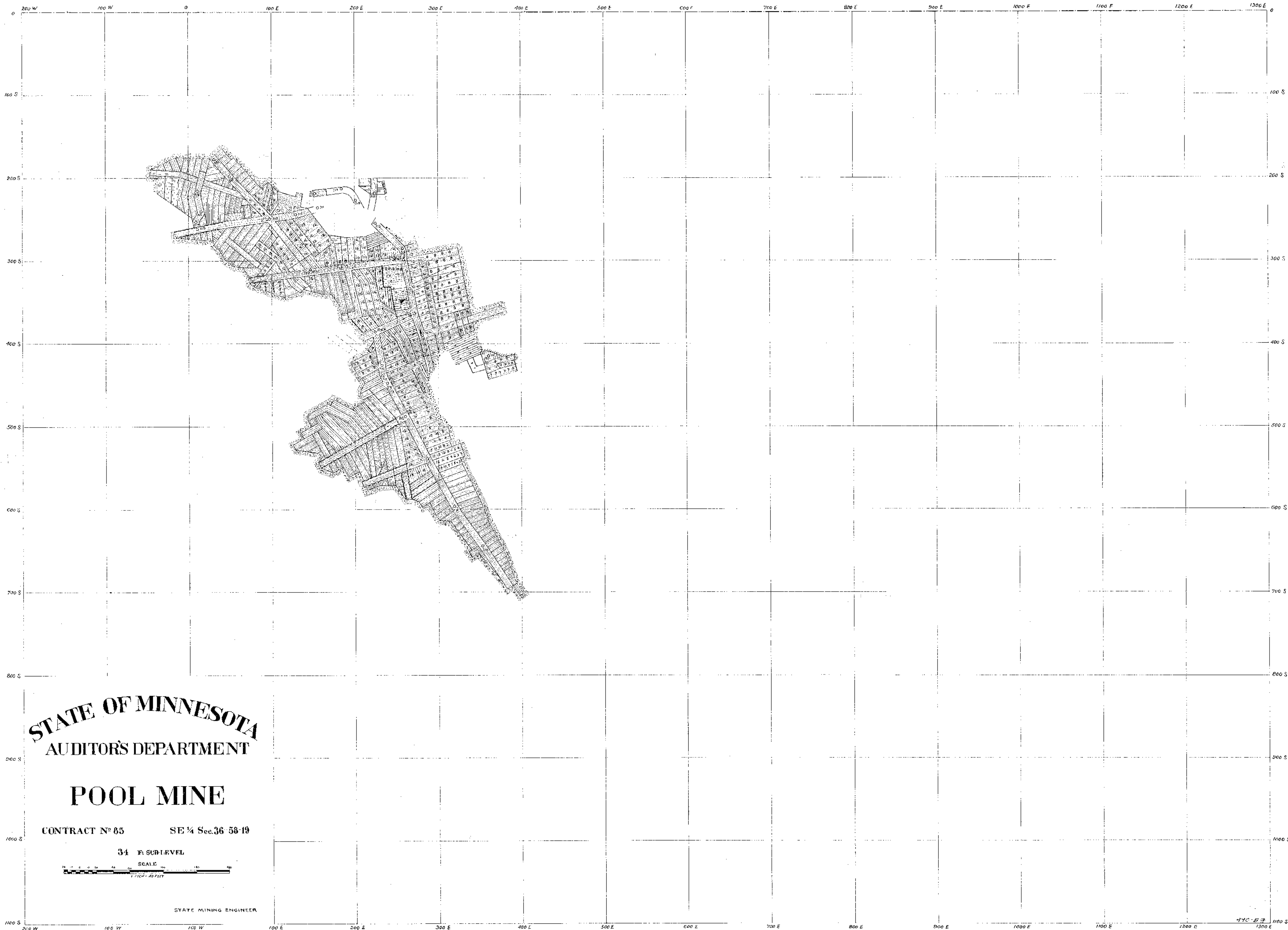




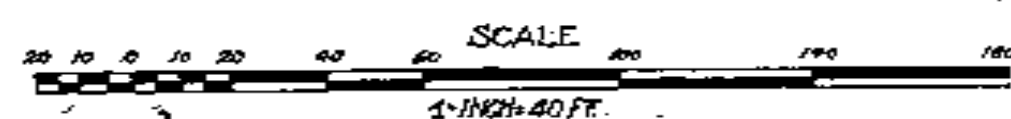
STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

CONTRACT №85

SE 1/4 Sec 36-58-19

50 Ft.SUB-LEVEL



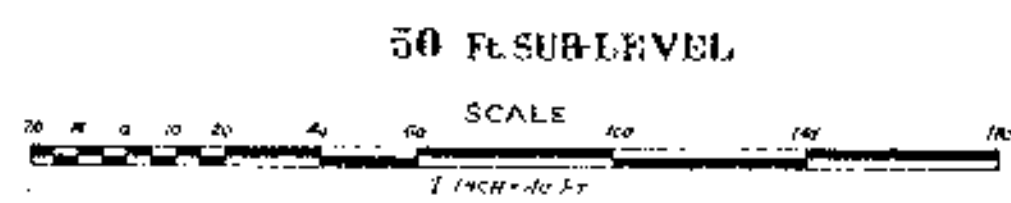
STATE MINING ENGINEER



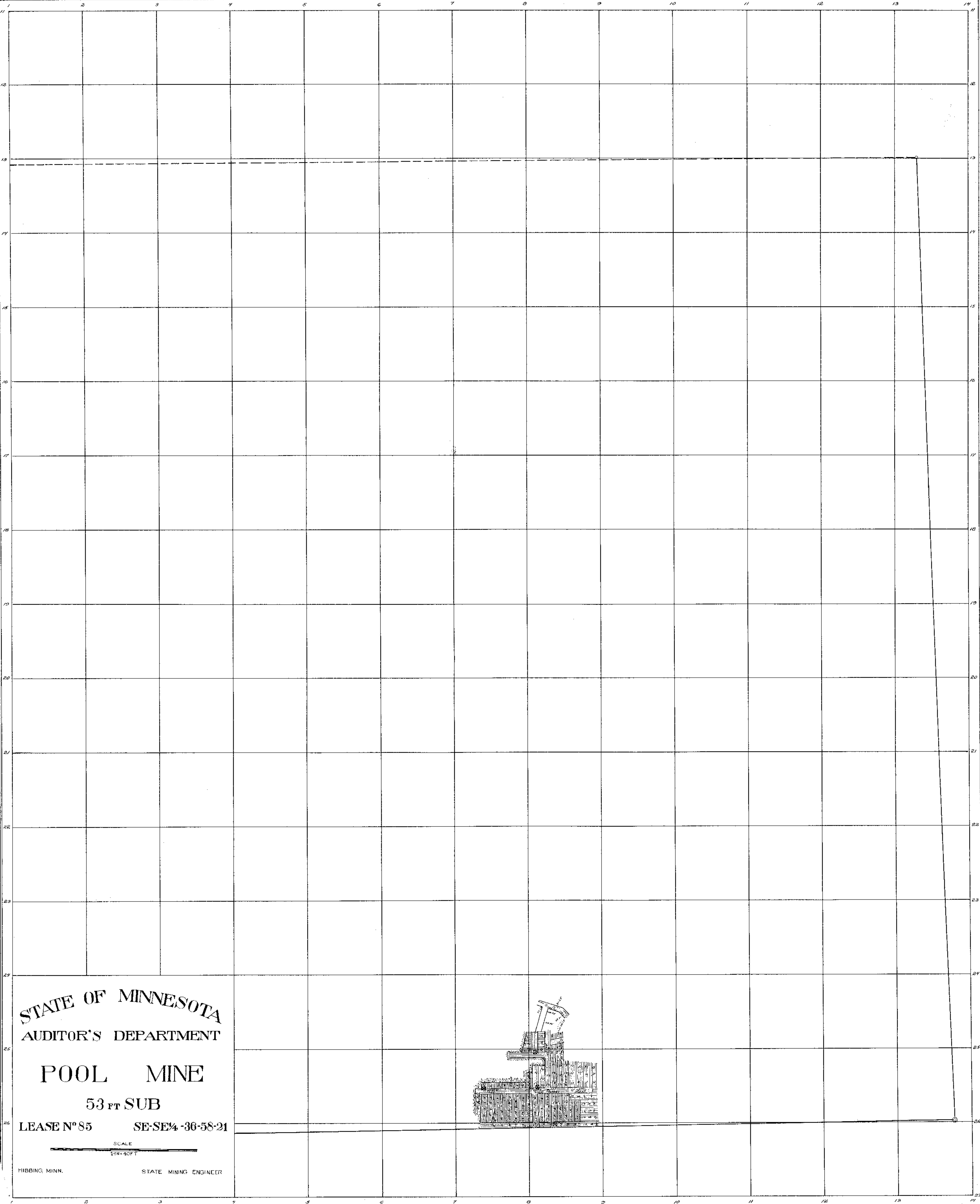
STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

CONTRACT N° 85 SE ¼ Sec 36-58-19



STATE MINING ENGINEER



STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

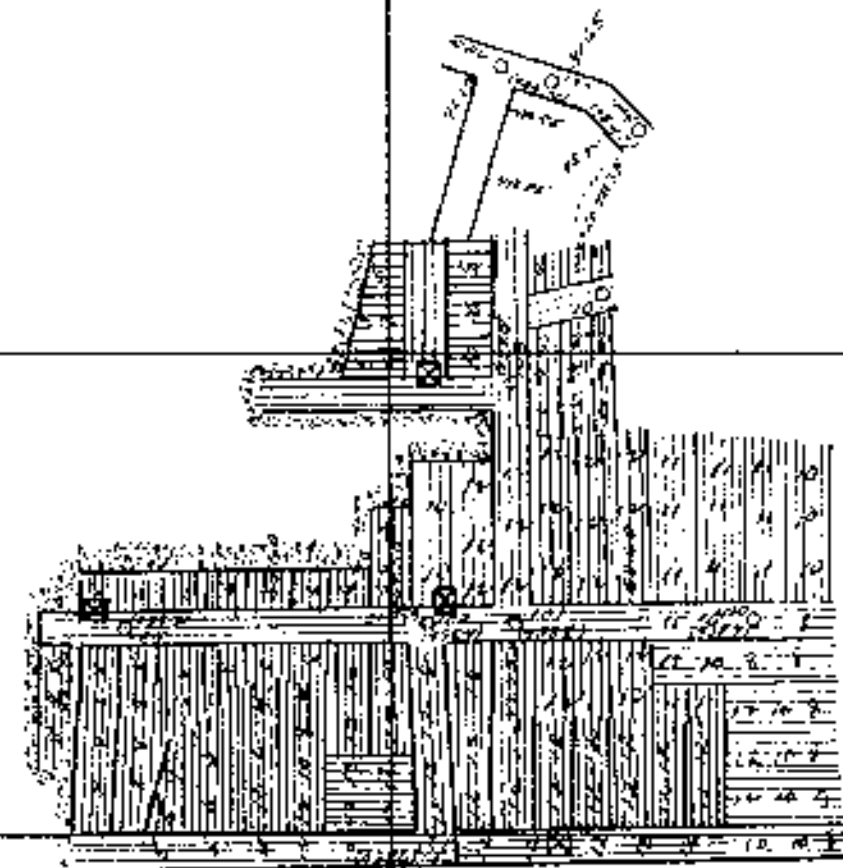
POOL MINE

53 FT SUB

LEASE N° 85 SE-SE¼ -36-58-21

SCALE
1 IN = 40 FT

HIBBING MINN. STATE MINING ENGINEER



STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

CONTRACT N° 85

SE 44, Sec. 36-58-10

64 FT. SUB-LEVEL.

STATE MINING ENGINEER

492-87 1200
1200



STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

CONTRACT N° 85 SE ¼, SEC. 36-58-21

A geological cross-section diagram labeled "S. 34 E. 12 N. 40 W. section". The diagram shows a horizontal line representing the ground surface, with a vertical line indicating a section line. The section is divided into two main parts: a top layer labeled "BRECKINRIDGE SANDSTONE" and a bottom layer labeled "BRECKINRIDGE SANDSTONE". The top layer is further divided into sub-layers labeled "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40". The bottom layer is labeled "BRECKINRIDGE SANDSTONE" and is shown as a continuous block. The total thickness of the section is indicated as "40 Ft.".

64 FT. SUB-LEVEL.

STATE MINING ENGINEER

STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

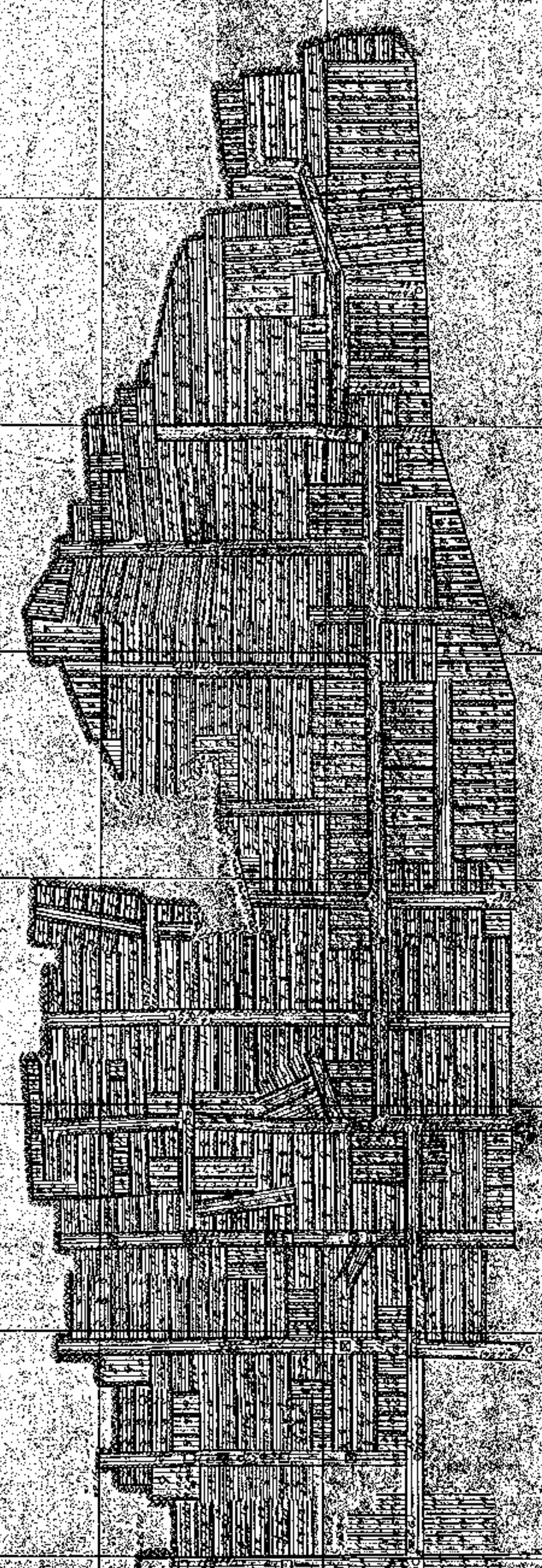
POOL MINE

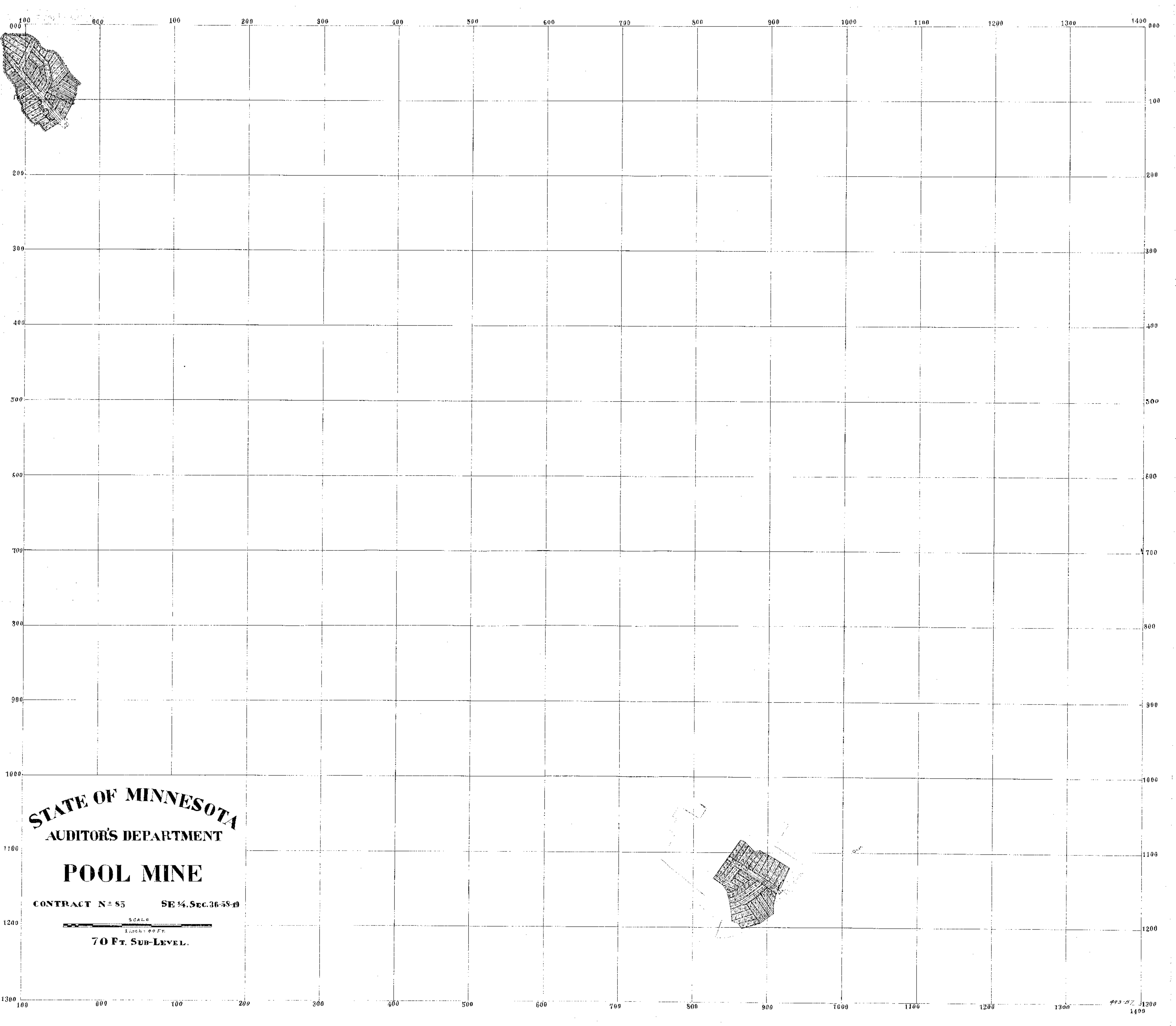
65 FT SUB

LEASE N° 85 SE-SE¼ -36-58-21

SCALE
1"=90 FT

HIBBING, MINN. STATE MINING ENGINEER





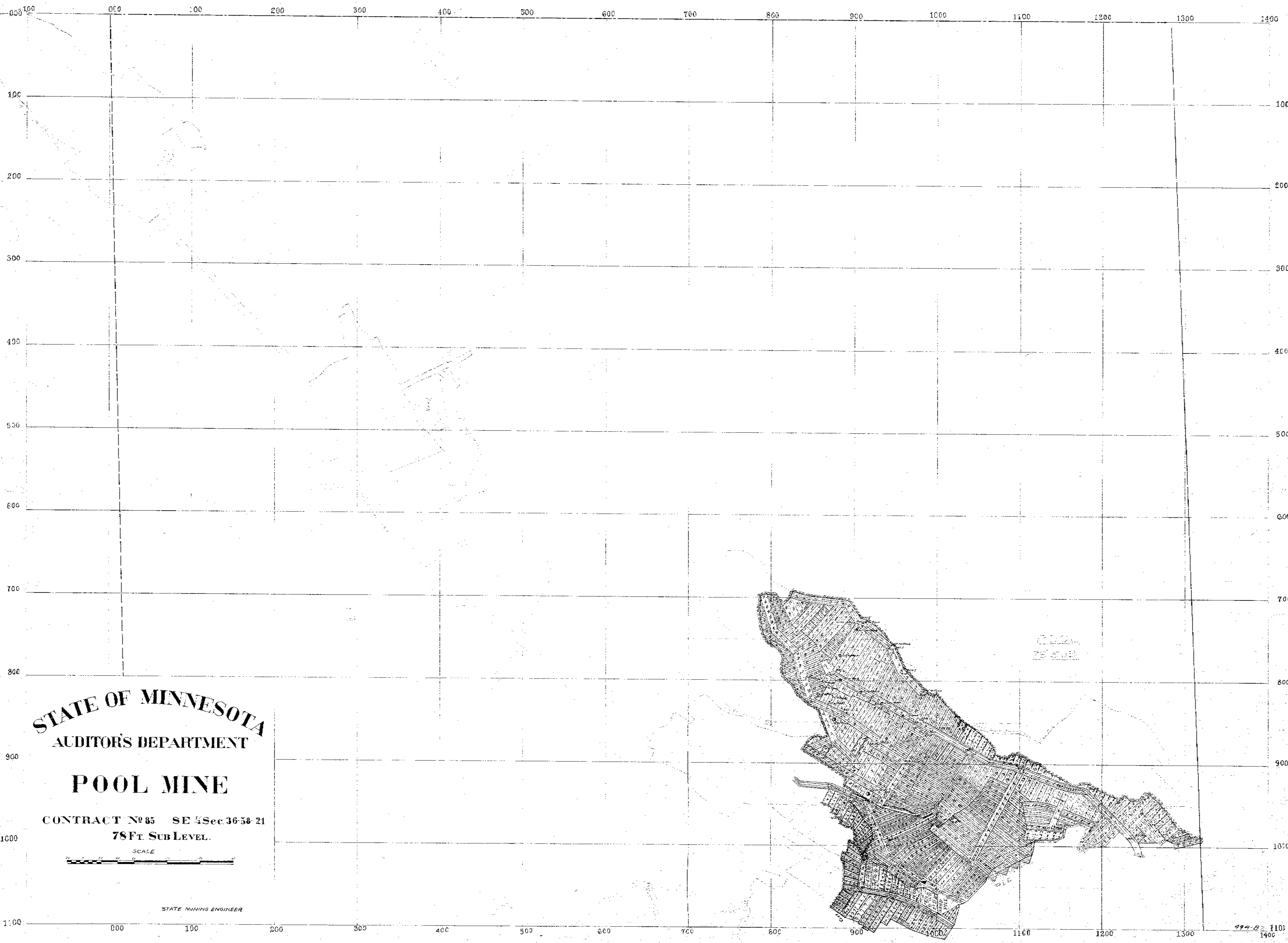
STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

CONTRACT N° 85 SE ¼, SEC. 36-58-19

SCALE
1 inch = 40 FT.

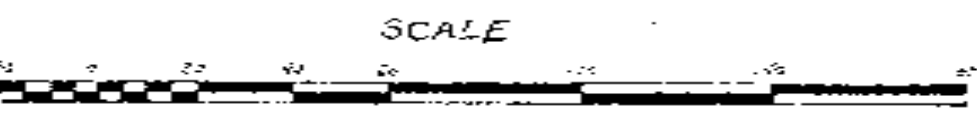
70 FT. SUB-LEVEL.



STATE OF MINNESOTA
AUDITORS DEPARTMENT

POOL MINE

CONTRACT N° 85 SE 4 Sec 36-38-21
78 Ft. SUB LEVEL.



STATE MINING ENGINEER

STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

81 FT. SUB

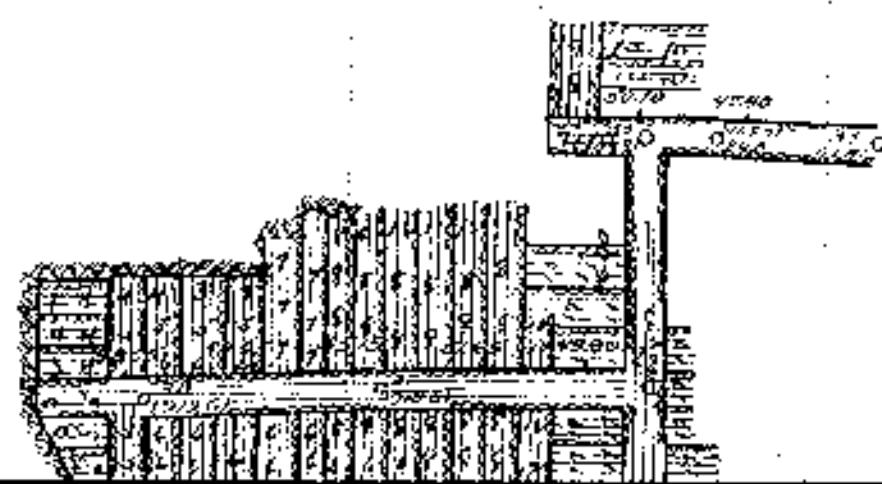
LEASE N° 85 SE-SE $\frac{1}{4}$ -36-58-21

SCALE

1"=40 FT.

HIBBING, MINN.

STATE MINING ENGINEER



STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

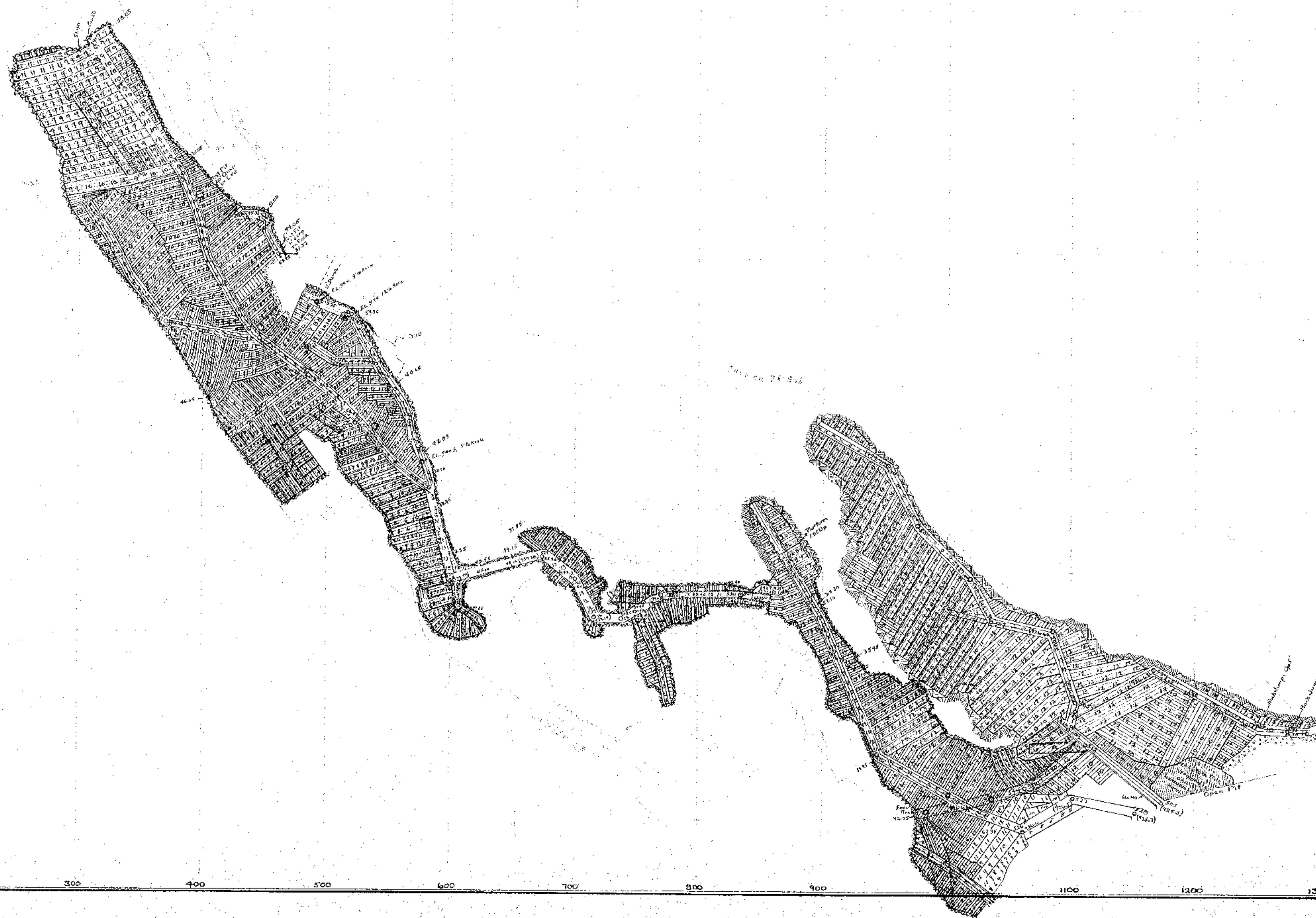
CONTRACT N° 85 SE ¼ Sec 36-58-21

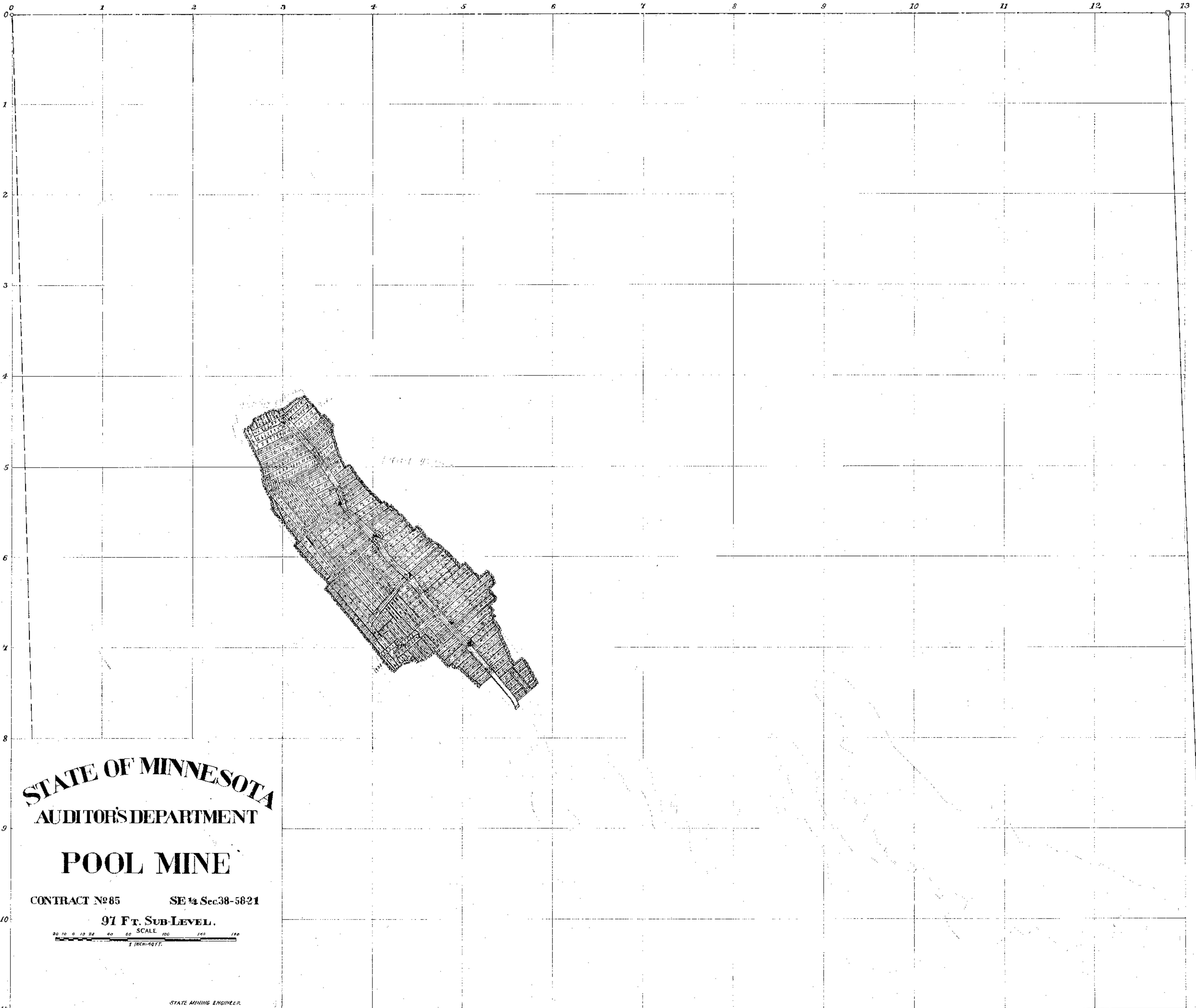
SCALE
1 IN. = 40 F.T.

89FT. SUB-LEVEL.

DEPARTMENT OF MINES & MINERALS
HIBBING, MINN.

STATE MINING ENGR.



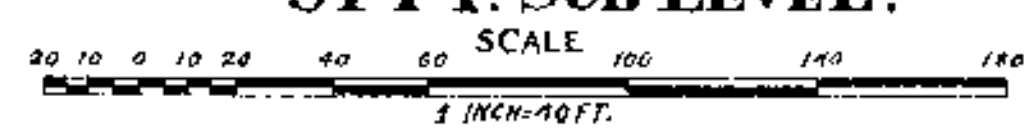


STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

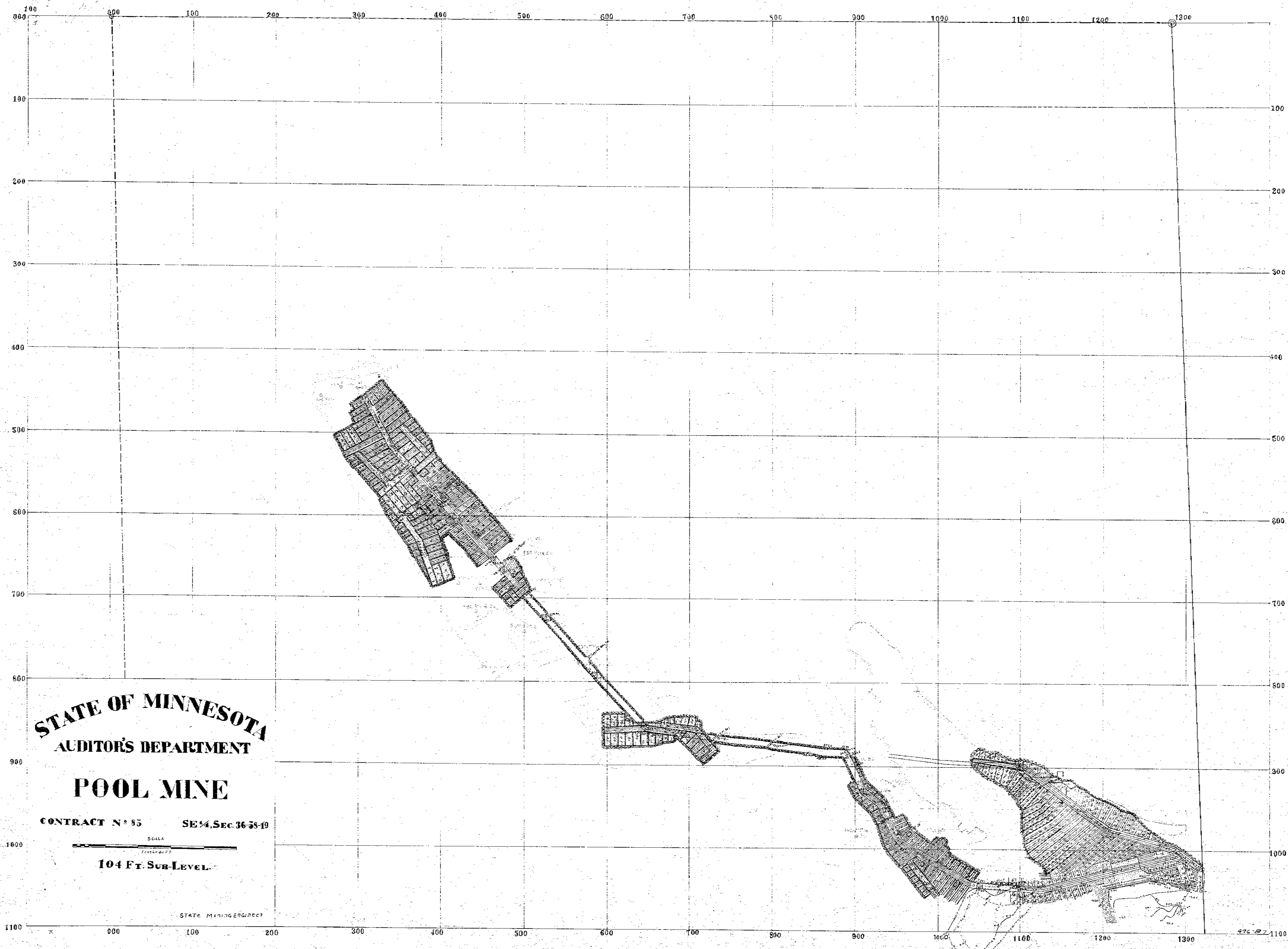
POOL MINE

CONTRACT N^o 85 SE ¼ Sec 38-58-21

97 Ft. Sub-Level.



STATE MINING ENGINEER.



STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

CONTRACT N° 85

SE 1/4, Sec. 36-58-19

SCALE

100 FEET

104 FT. SUB-LEVEL

STATE MINING ENGINEER

476-87 1100

STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE

120 FT. SUB

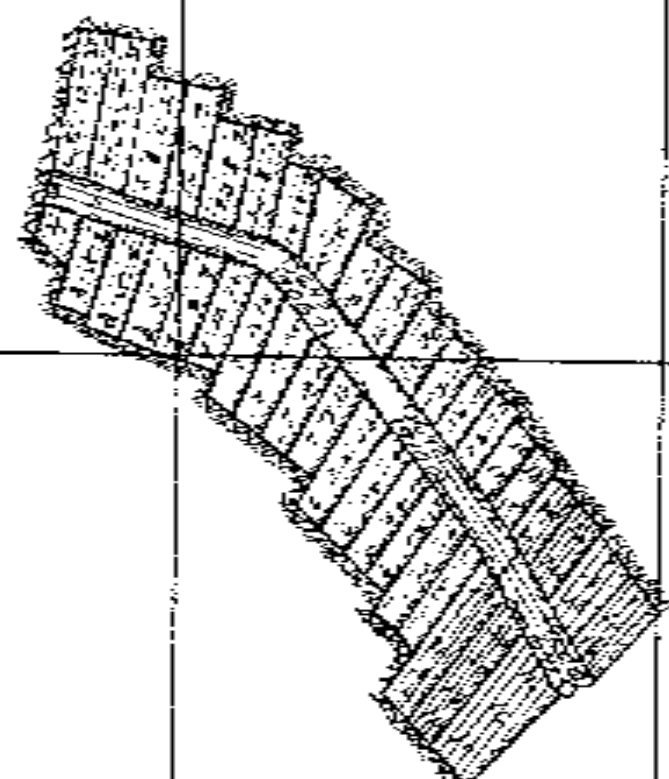
LEASE N° 85 SE-SE¼-36-58-21

SCALE

1 IN = 50 FT

HIBBING, MINN.

STATE MINING ENGINEER





STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

POOL MINE
DETACHED ORE BODY

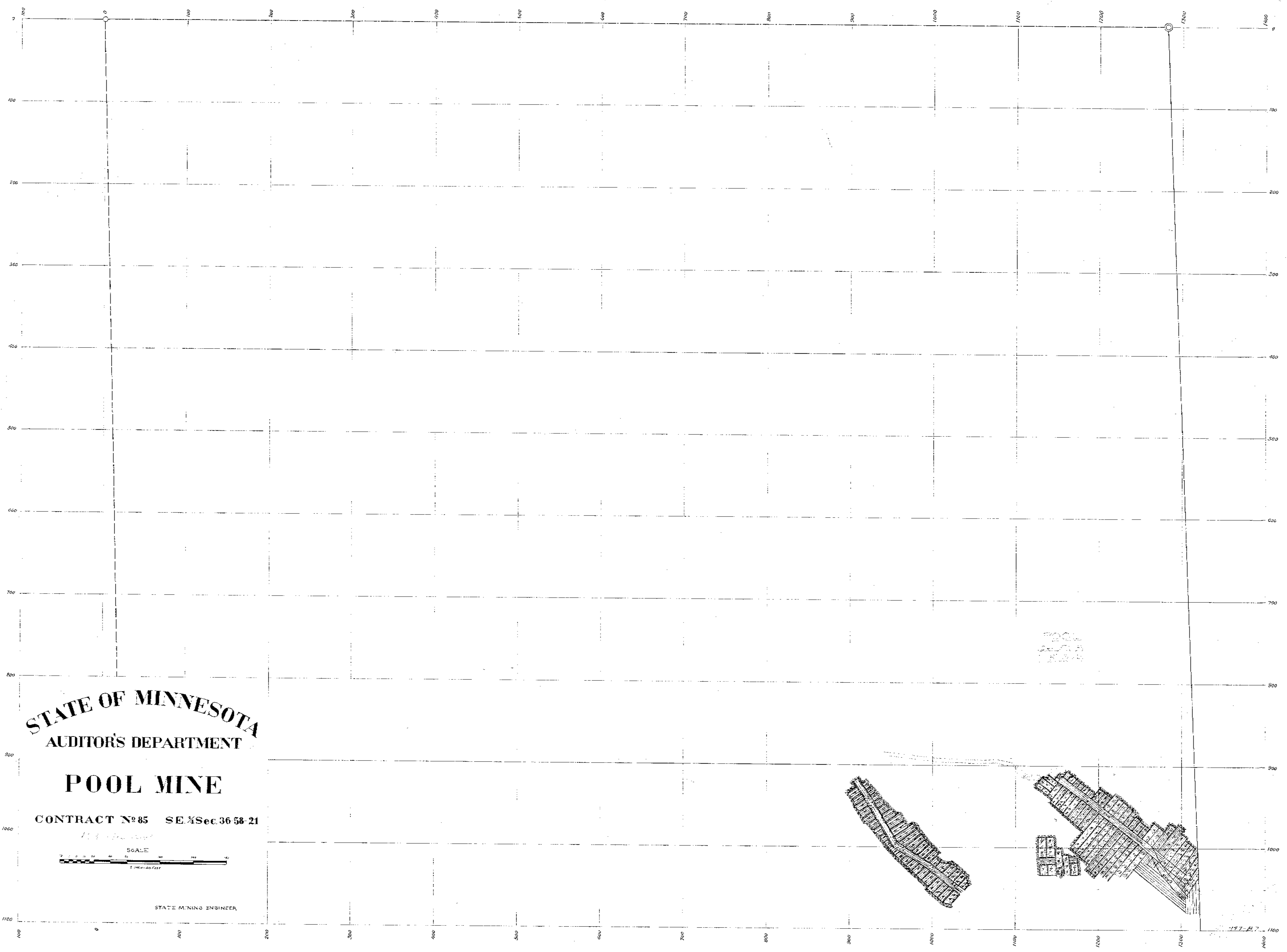
CONTRACT No 85 S.E. 1/4 Sec. 36-58-21

SCALE
0 20 40 60 80 100 120 140 160

LEGEND
MAIN LEVEL NO. 1 SUB LEVEL SUBLEVEL
DRIFT STATION MINED OUT

Wm. A. Kleckner
STATE MINING ENGINEER
199-B7

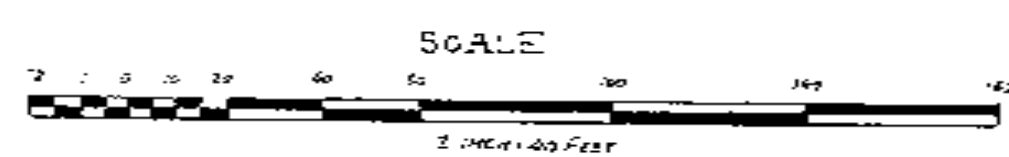
20-58-21
S.E. 1/4 Sec. 36-58-21
DETACHED ORE BODY
POOL MINE



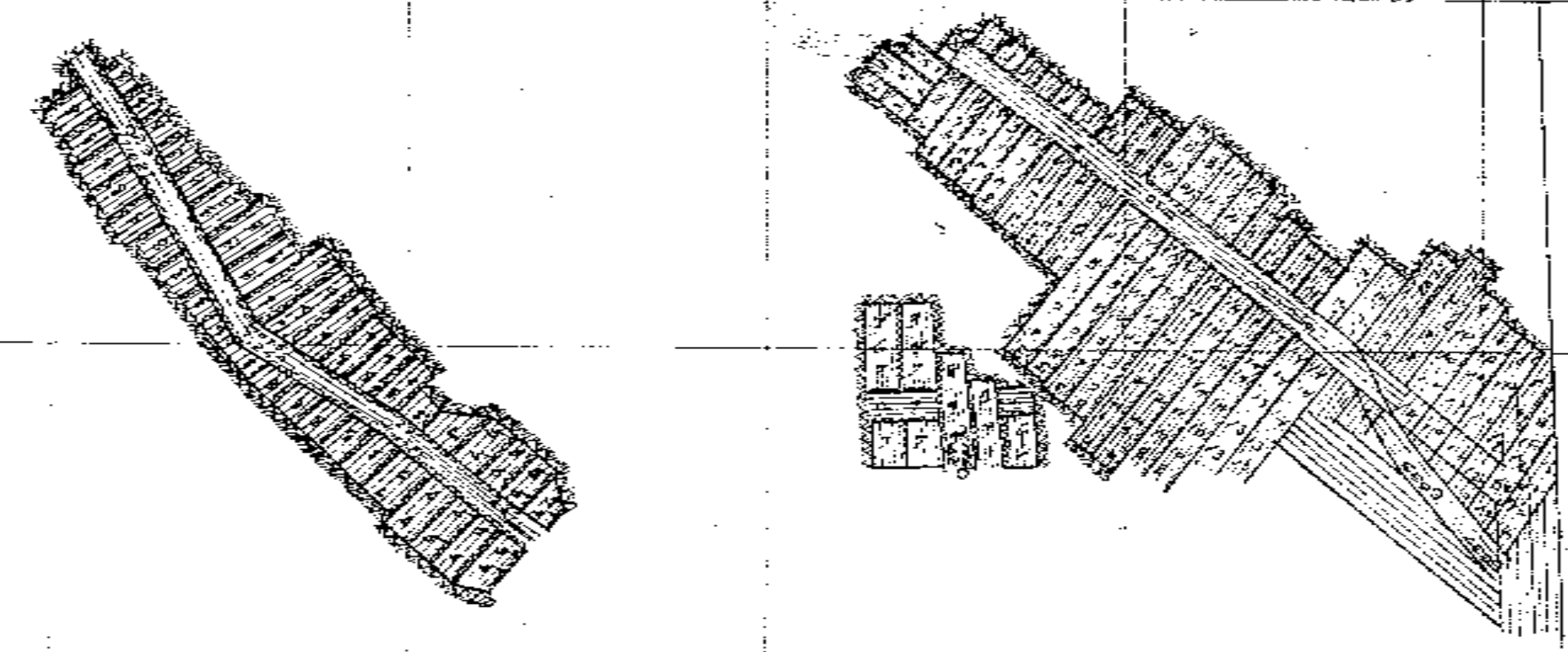
STATE OF MINNESOTA
AUDITOR'S DEPARTMENT

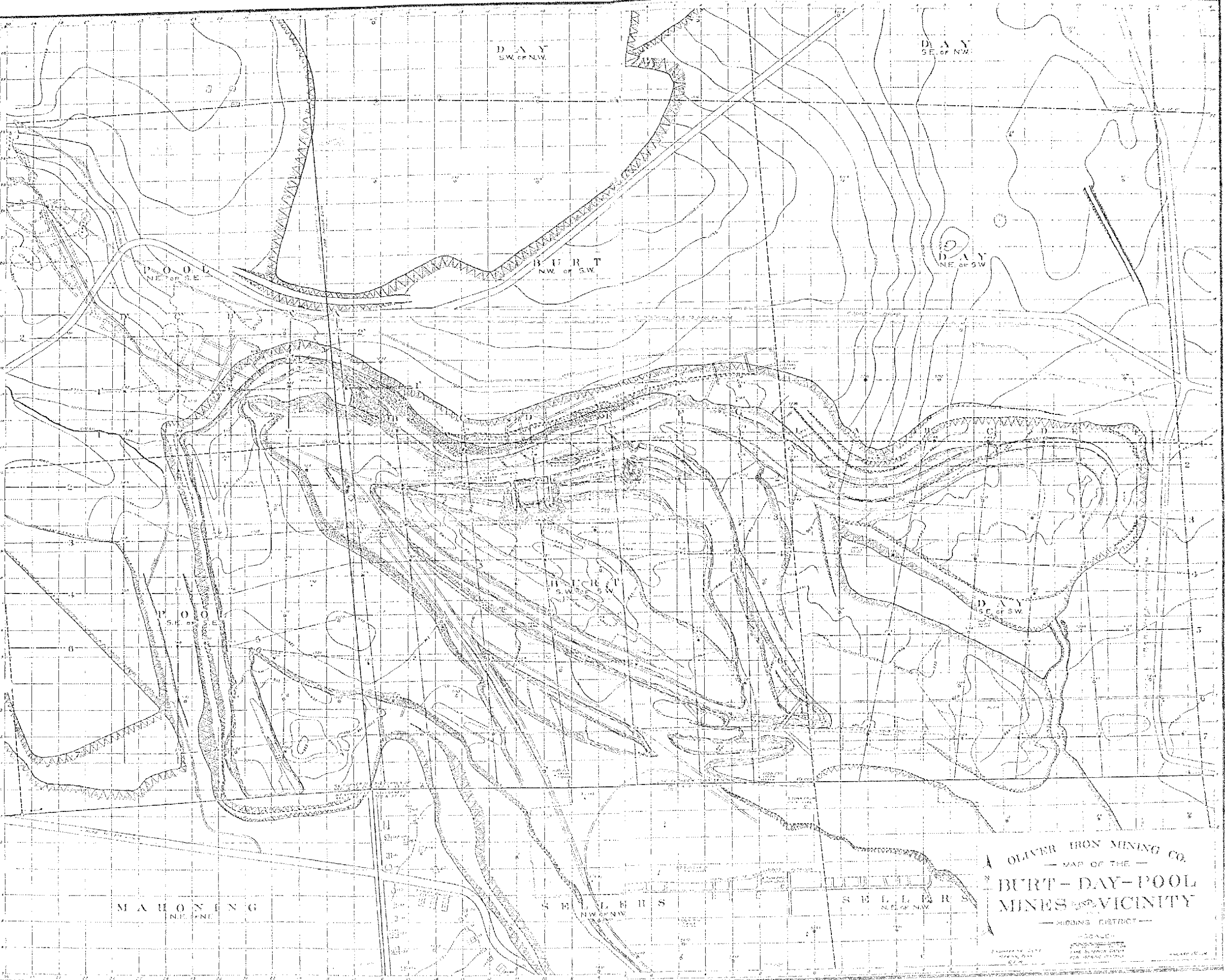
POOL MINE

CONTRACT N° 85 SE 1/4 Sec. 36-58-21



STATE MINING ENGINEER





OLIVER IRON MINING CO.
— MAP OF THE —
BURT-DAY-POOL
MINES VICINITY
— HOBBS DISTRICT —

LEGEND
CONTOUR LINES
ROADS
RAILROADS
WATER
MINES
BUILDINGS
FENCES
CUTS
DITCHES
CREEKS
RIVERS
LAKES
SWAMPY LANDS
UNIMPROVED LANDS
CITY OF MINNAPOLIS
STATE OF MINNESOTA
COUNTY OF HENNEBISH
TOWNSHIP OF HOBBS
RANGE 10
SECTION 10

P O O L

OLIVER IRON MINING CO.

POOL MINE

HERKIN DISTRICT
BOULE LEVEL



HOLED

1000

1000

1000

P. O. O. 1

OLIVER IRON MINING CO.
MAP OF THE
POOL MINE
MINES DISTRICT
IRON LEVEL

OLIVER IRON MINING CO.
MAP OF THE
POOL MINE
HIBBING DISTRICT
947TH LEVEL
LEGEND

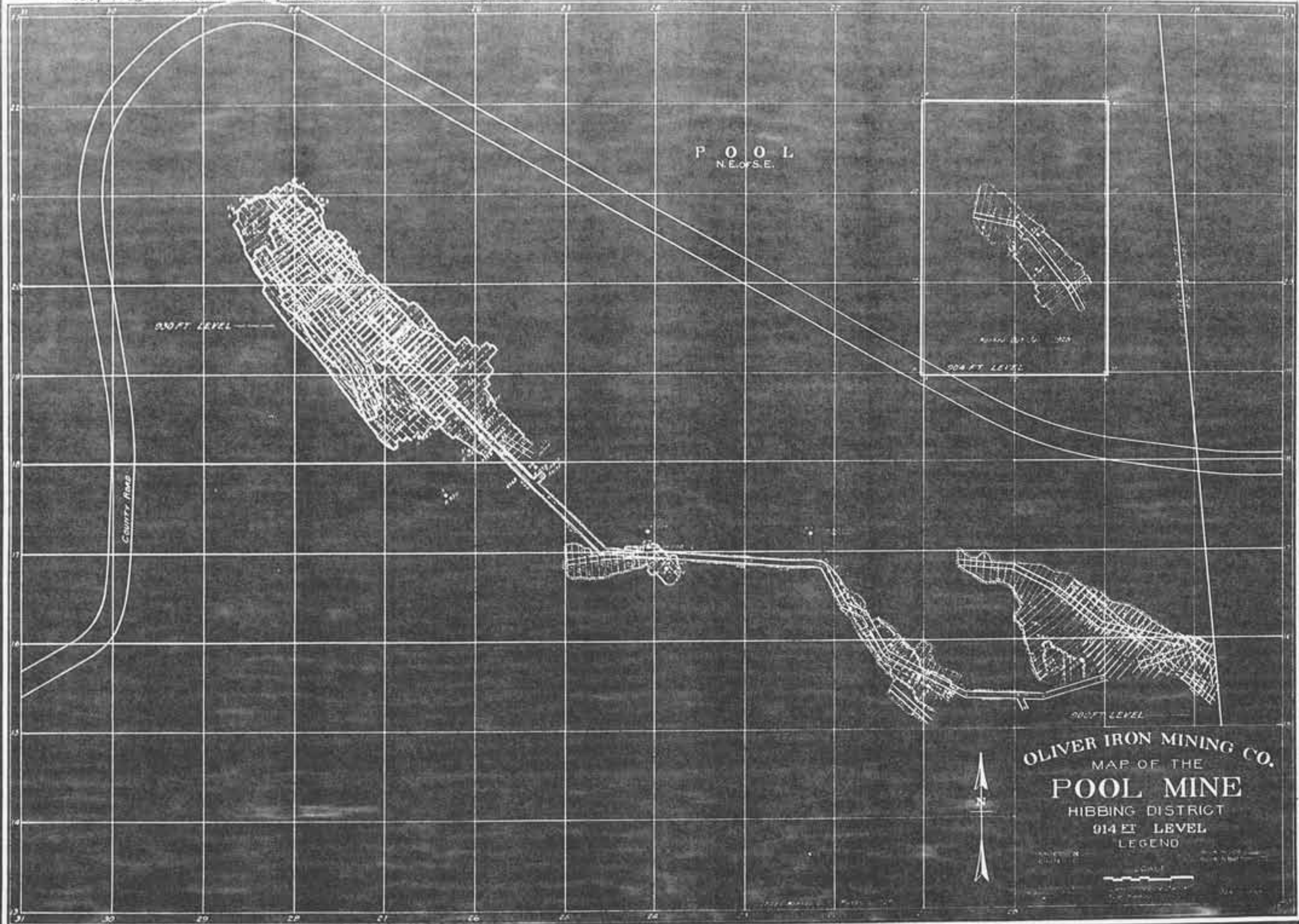
SCALE
1" = 100'

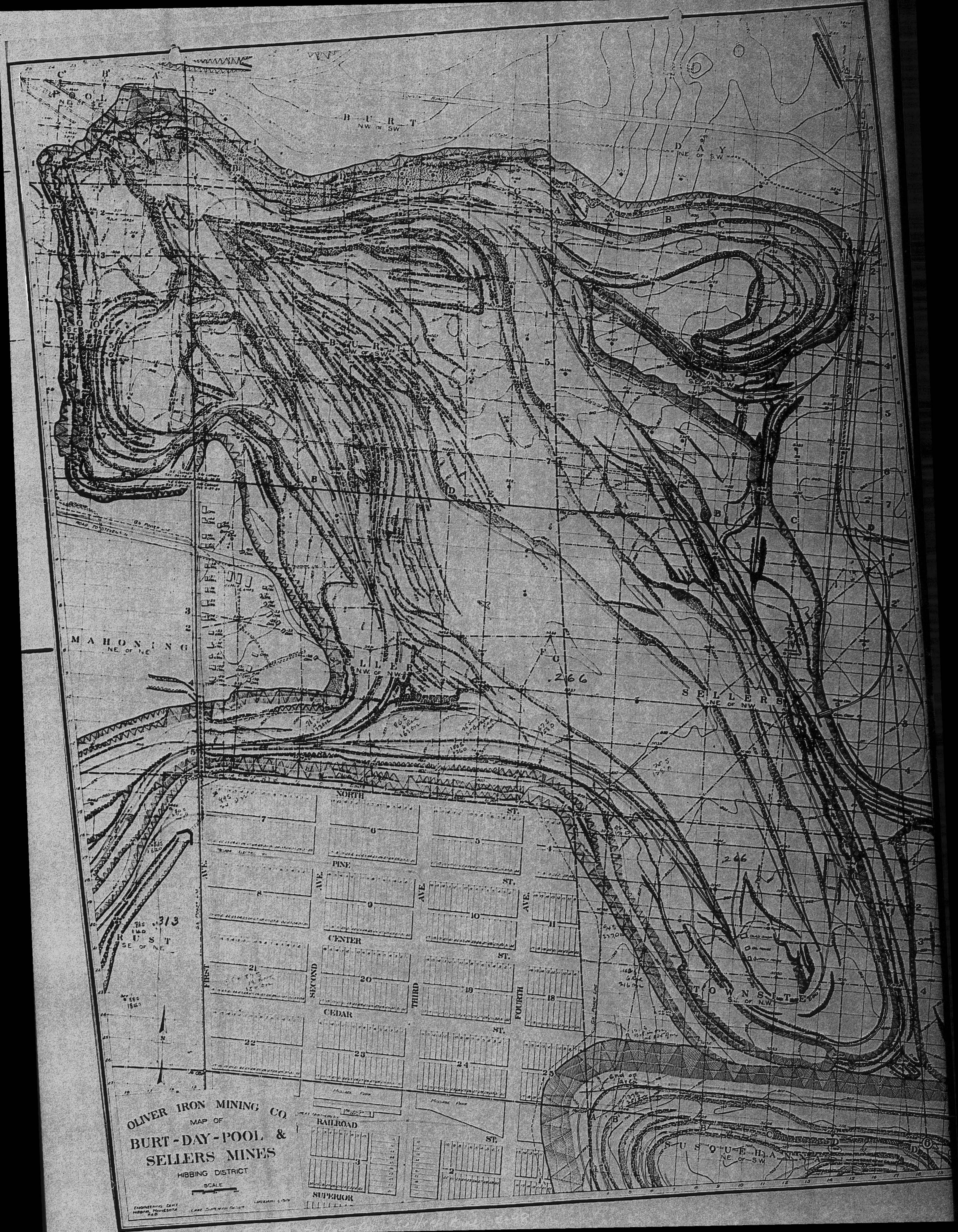
P O O L

P O O L









OLIVER IRON MINING CO.
MAP OF
BURT-DAY-POOL &
SELLERS MINES
HIBBING DISTRICT

SCALE
ENGINEERING CASE
HIBBING, MINNESOTA
R.D.

RAILROAD

SUPERIOR