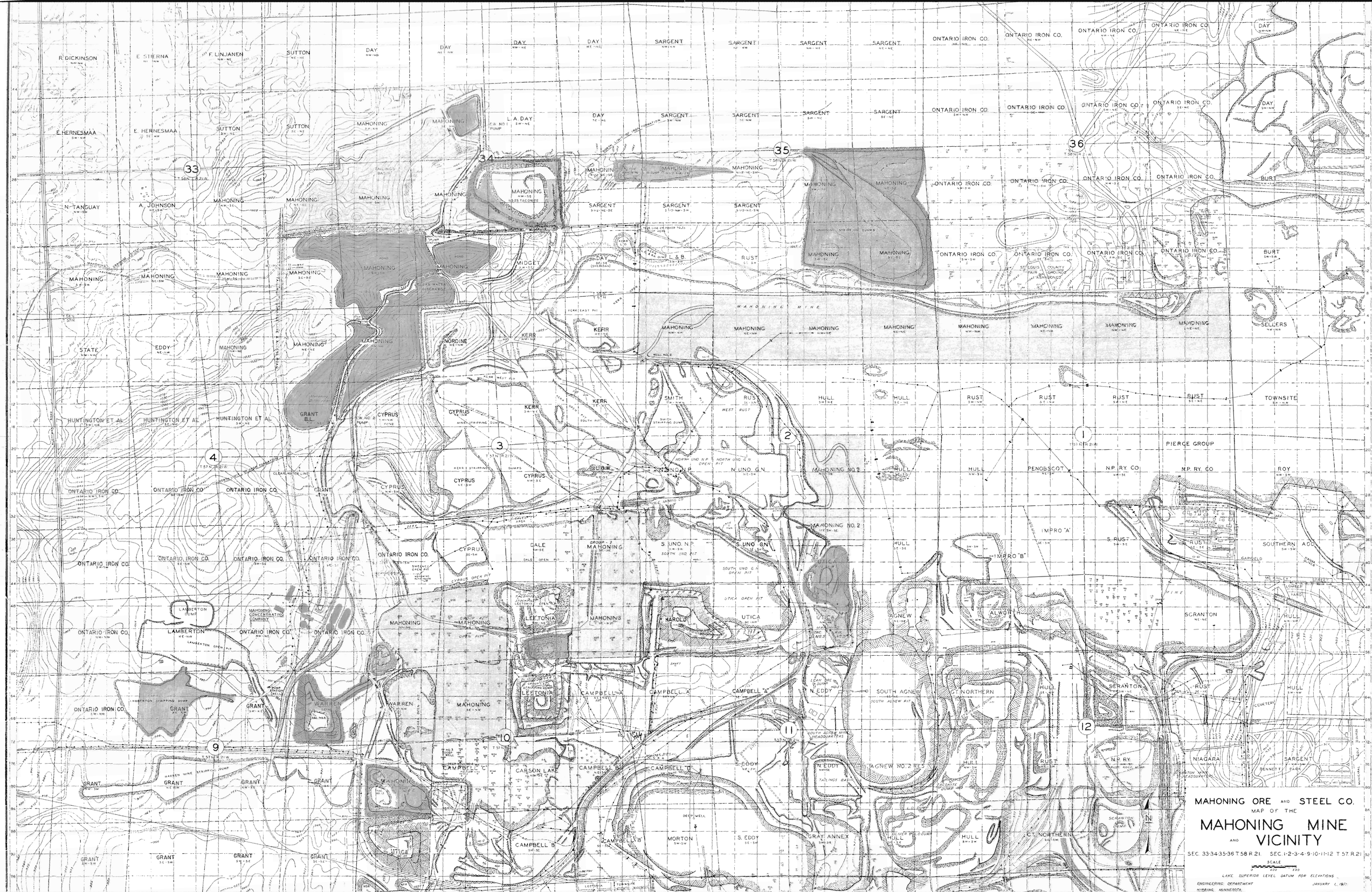
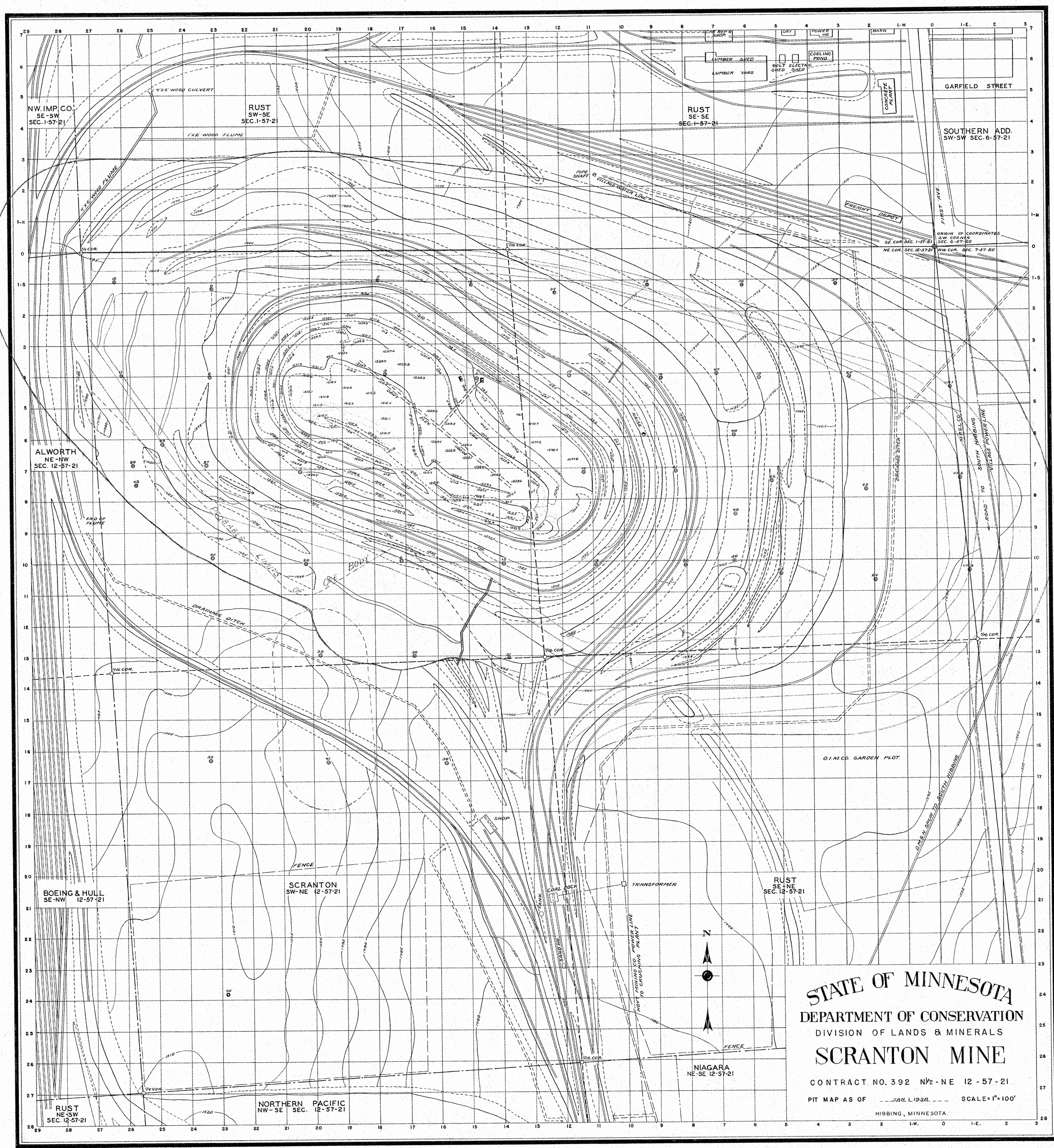
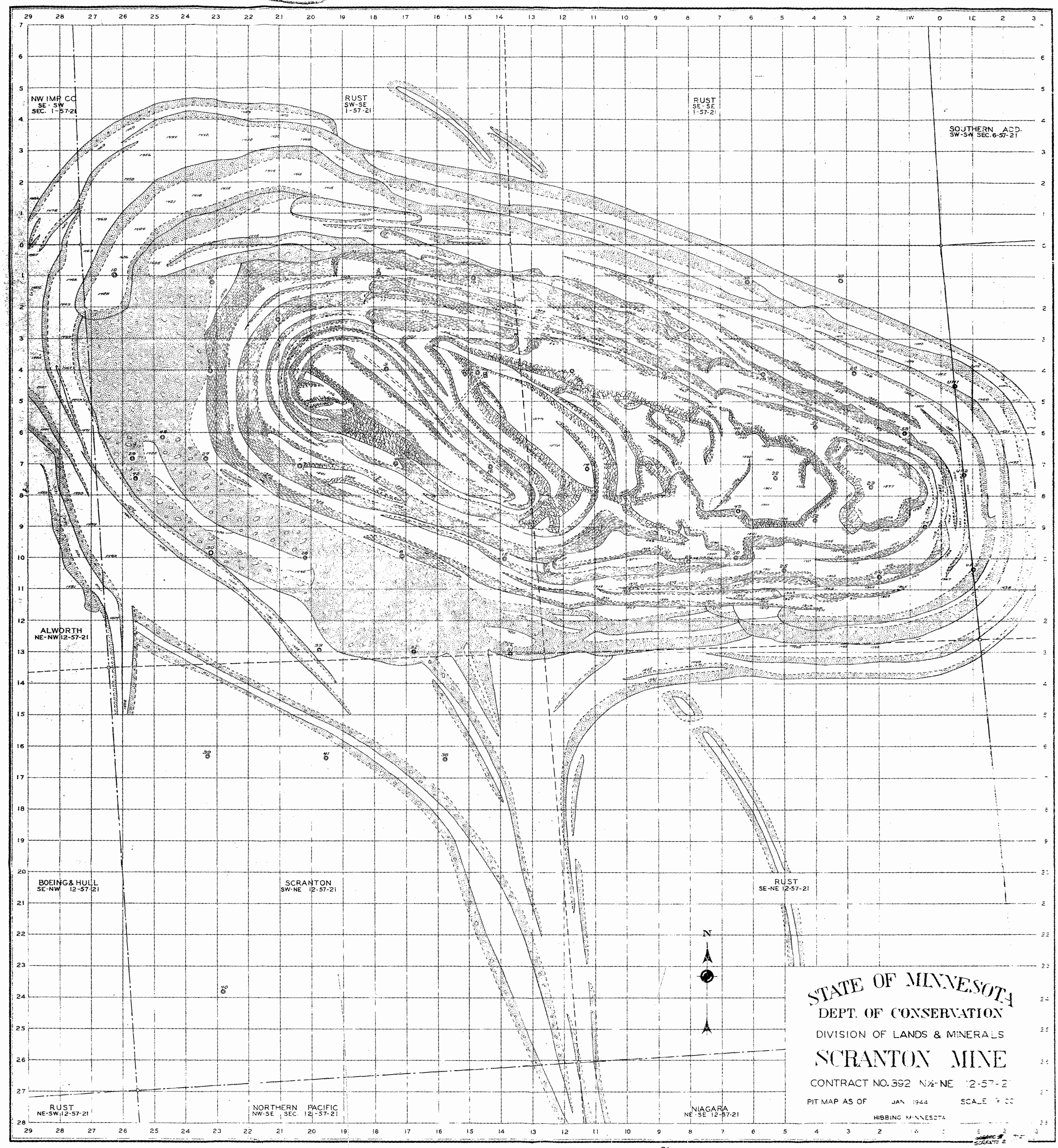
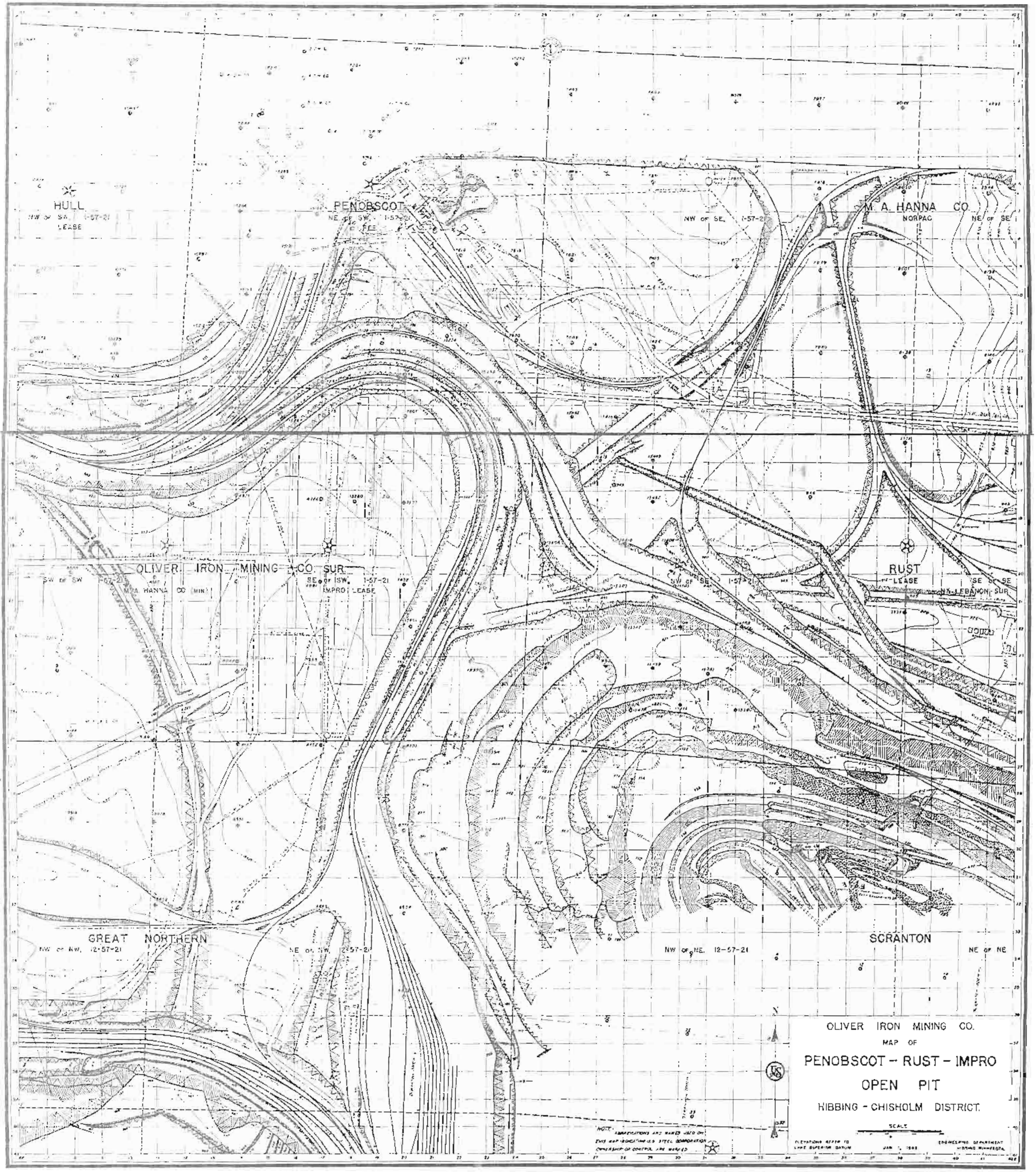

MAHONING ORE AND STEEL CO.
MAP OF THE
MAHONING MINE
AND
VICINITY
SEC. 33-34-35-36 T.58 R.21. SEC. 1-2-3-4-9-10-11-12 T.57 R.21
SCALE
400 200
LAKE SUPERIOR LEVEL DATUM FOR ELEVATIONS
ENGINEERING DEPARTMENT
HIBBING, MINNESOTA.
JANUARY 1, 1971
MAHONING MINE
PIERCE GROUP
ST. LOUIS COUNTY FAIR GROUNDS
ONTARIO IRON CO.
MAHONING
SARGENT
DAY
SUTTON
RUST
HULL
KERR
CYPRUS
GRANT
WARREN
UTICA
LEETONIA
CAMPBELL "A"
CAMPBELL "B"
CAMPBELL "C"
CARSON LAKE
MORTON
S. EDDY
N. EDDY
SOUTH AGNEW
AGNEW
GT. NORTHERN
SCRANTON
NIAGARA
SARGENT
SELLERS
TOWNSITE
BURT
ROY
SOUTHERN ADD
PENOBSCOT
N.P. RY. CO.
IMPRO "A"
IMPRO "B"
S. RUST
GRAY ANNEX
MAHONING NO. 2
N. UNO N.P.
S. UNO N.P.
N. UNO G.N.
S. UNO G.N.
SMITH
WEST RUST
NORDINE
MIDGET
L. A. DAY
L & B
GRANT B.L.
HUNTINGTON ET AL
STATE
EDDY
N. TANGUAY
A. JOHNSON
E. HERNESMAA
E. STIERNA
F. LINJANEN
R. DICKINSON
LAMBERTON
T 58N R 21W
T 57N R 21W

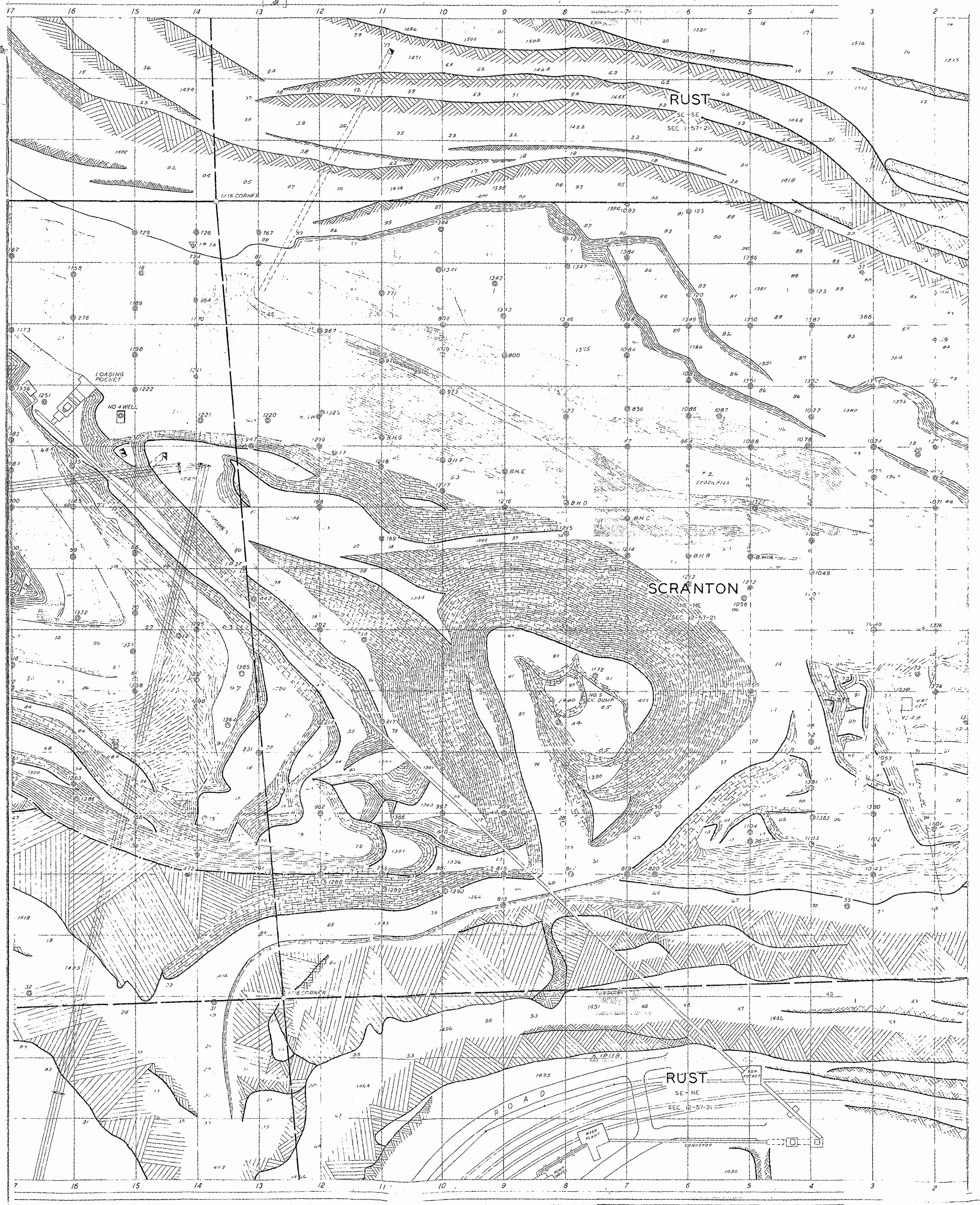

STATE OF MINNESOTA
DEPARTMENT OF CONSERVATION
DIVISION OF LANDS & MINERALS
SCRANTON MINE
CONTRACT NO. 392 N½-NE 12-57-21
PIT MAP AS OF JAN. 1938
SCALE = 1" = 100'
HIBBING, MINNESOTA.
NW. IMP. CO.
SE-SW
SEC. 1-57-21
RUST
SW-SE
SEC. 1-57-21
RUST
SE-SE
SEC. 1-57-21
SOUTHERN ADD.
SW-SW SEC. 6-57-21
GARFIELD STREET
FIRST AVE.
ALWORTH
NE-NW
SEC. 12-57-21
BOEING & HULL
SE-NW 12-57-21
SCRANTON
SW-NE 12-57-21
RUST
SE-NE
SEC. 12-57-21
NIAGARA
NE-SE 12-57-21
NORTHERN PACIFIC
NW-SE SEC. 12-57-21
RUST
NE-SW
SEC. 12-57-21
4'X6' WOOD CULVERT
1'X2' WOOD FLUME
4'X6' WOOD FLUME
END OF FLUME
PROBABLE LIMITS OF ORE BODY
DRAINAGE DITCH
LUMBER SHED
LUMBER YARD
CAR REP'R SHOP
DRY
POWER HO.
BARN
COOLING POND
BOLT SHED
ELECTRIC SHED
CONCRETE PLANT
FREIGHT DEPOT
PIPE SHAFT
VILLAGE WATER LINE
ORIGIN OF COORDINATES
SW. CORNER
SEC. 6-57-20
SE. COR. SEC. 1-57-21
NE. COR. SEC. 12-57-21
NW. COR. SEC. 7-57-20
SOUTH HIBBING
VILLAGE POWER LINE
ROAD TO
DAM & N. SPUR TO SOUTH HIBBING
O.I.M.CO. GARDEN PLOT.
SHOP
COAL DOCK
TRANSFORMER
TANK
SAND HO.
HOYT MINING CO. POWER LINE TO CRUSHING PLANT
FENCE
114 COR.
116 COR.
N


NW IMP CO
SE-SW
SEC. 1-57-21
RUST
SW-SE
1-57-21
RUST
SE-SE
1-57-21
SOUTHERN ADD.
SW-SW SEC. 6-57-21
ALWORTH
NE-NW 12-57-21
BOEING & HULL
SE-NW 12-57-21
SCRANTON
SW-NE 12-57-21
RUST
SE-NE 12-57-21
RUST
NE-SW 12-57-21
NORTHERN PACIFIC
NW-SE SEC. 12-57-21
NIAGARA
NE-SE 12-57-21
N
STATE OF MINNESOTA
DEPT. OF CONSERVATION
DIVISION OF LANDS & MINERALS
SCRANTON MINE
CONTRACT NO. 392 N½-NE 12-57-21
PIT MAP AS OF JAN 1944 SCALE
HIBBING MINNESOTA



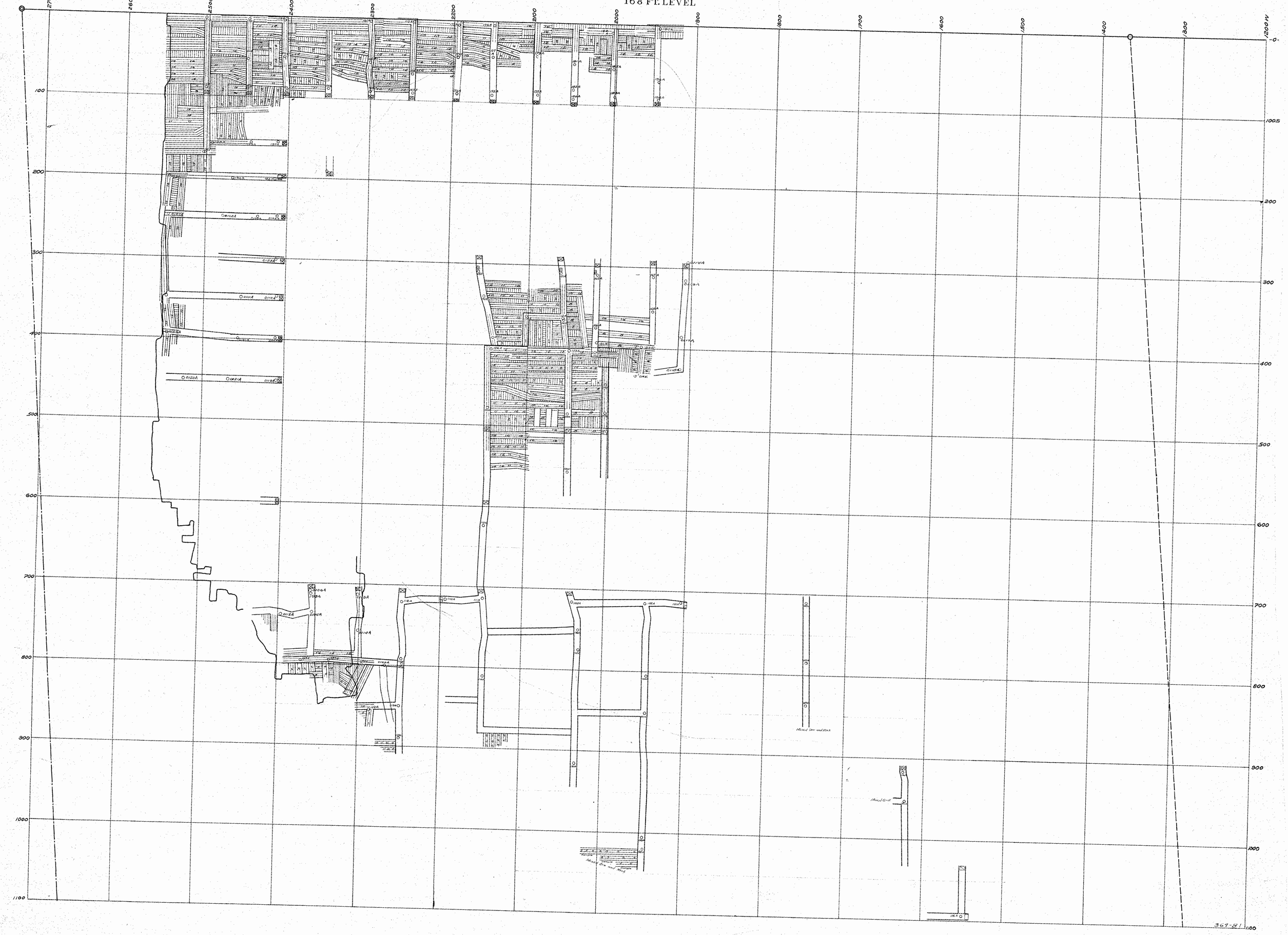

04 1531 1946 1-8-46 Penobscot-Rust-Impro Open Pit H-86

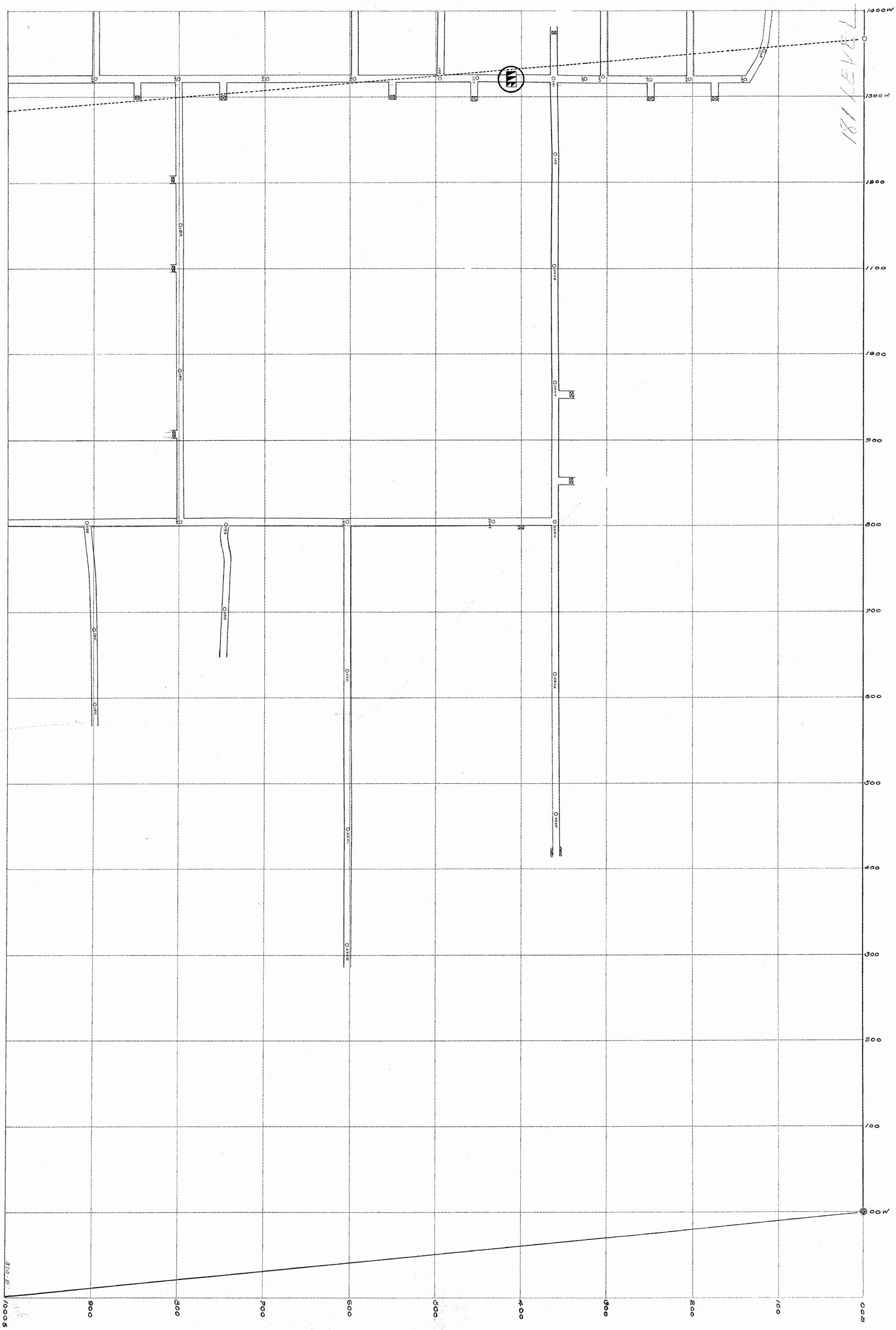
23492


RUST
SE-SE
SEC. 1-57-21
1/16 CORNER
LOADING POCKET
NO 4 WELL
STOCK PILE
SCRANTON
NE-NE
SEC. 12-57-21
NO. 5 ROCK DUMP
1/16 CORNER
RUST
SE-NE
SEC. 12-57-21
TOP POCKET
ROAD
WASH PLANT
PUMP HOUSE
CONVEYOR

# SCRANTON MINE

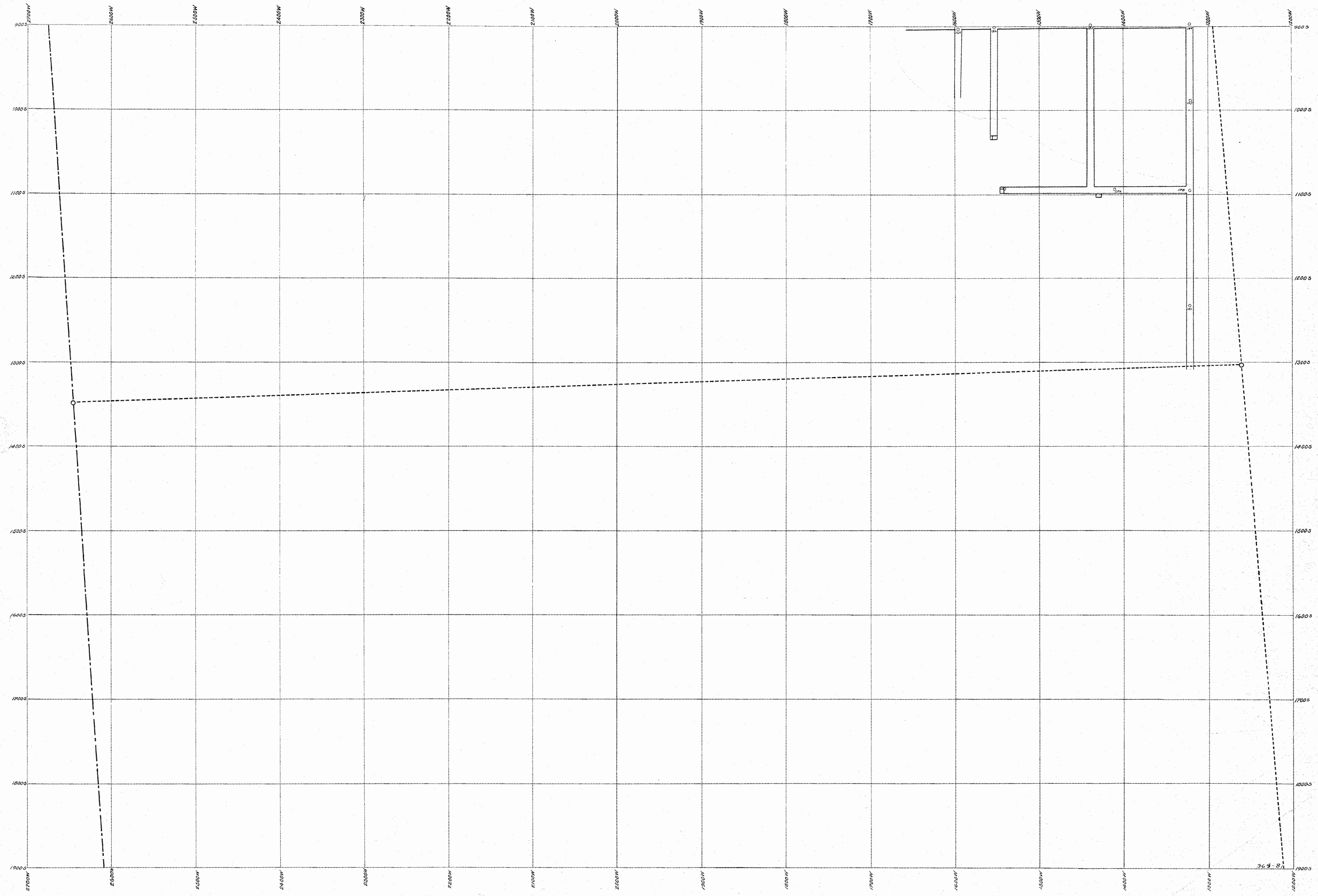
168 FT. LEVEL




181 LEVEL
1400 W
1300 W
1200
1100
1000
900
800
700
600
500
400
300
200
100
00 W
1000 S
900
800
700
600
500
400
300
200
100
00 E

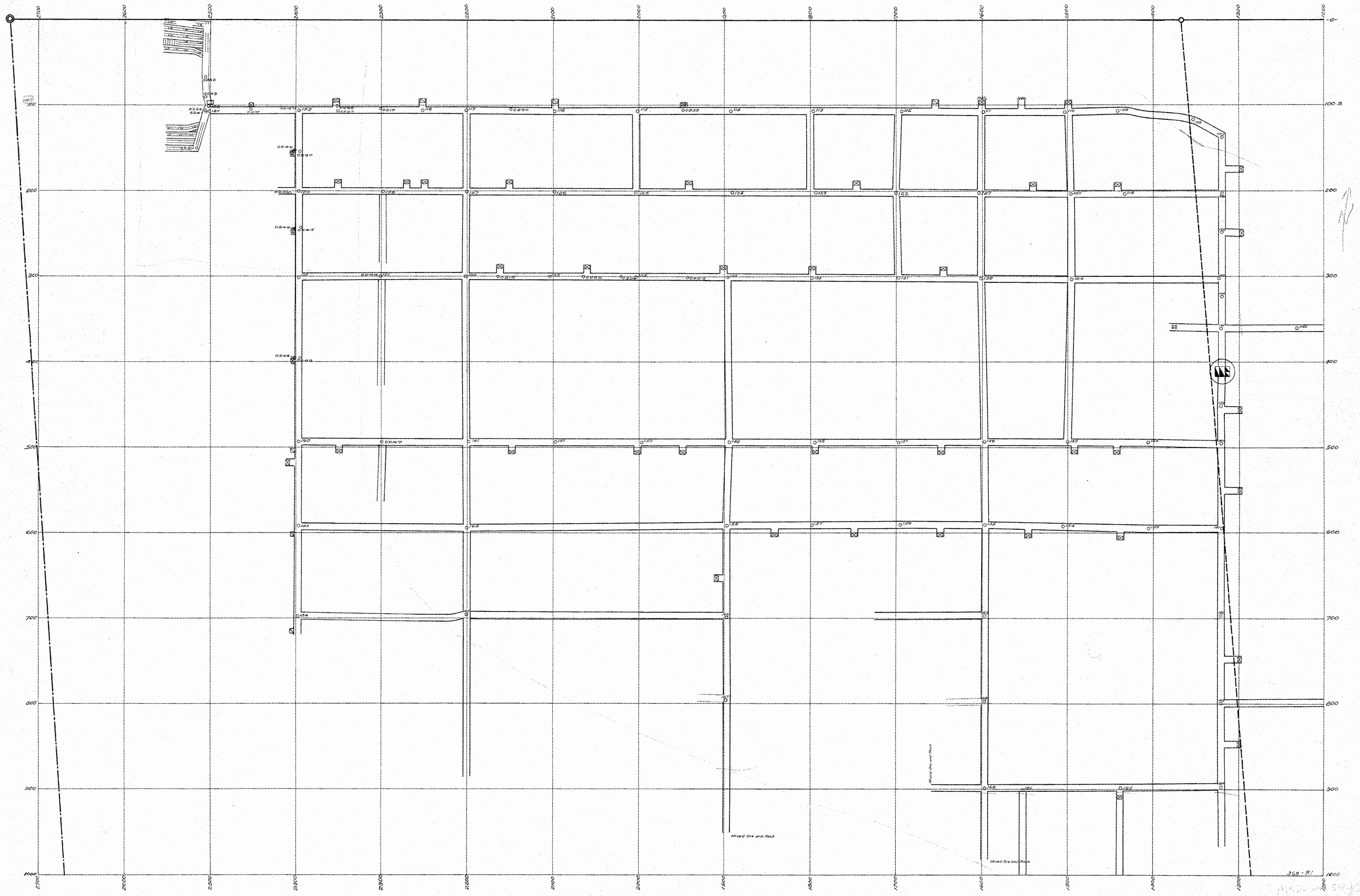
# SCRANTON MINE

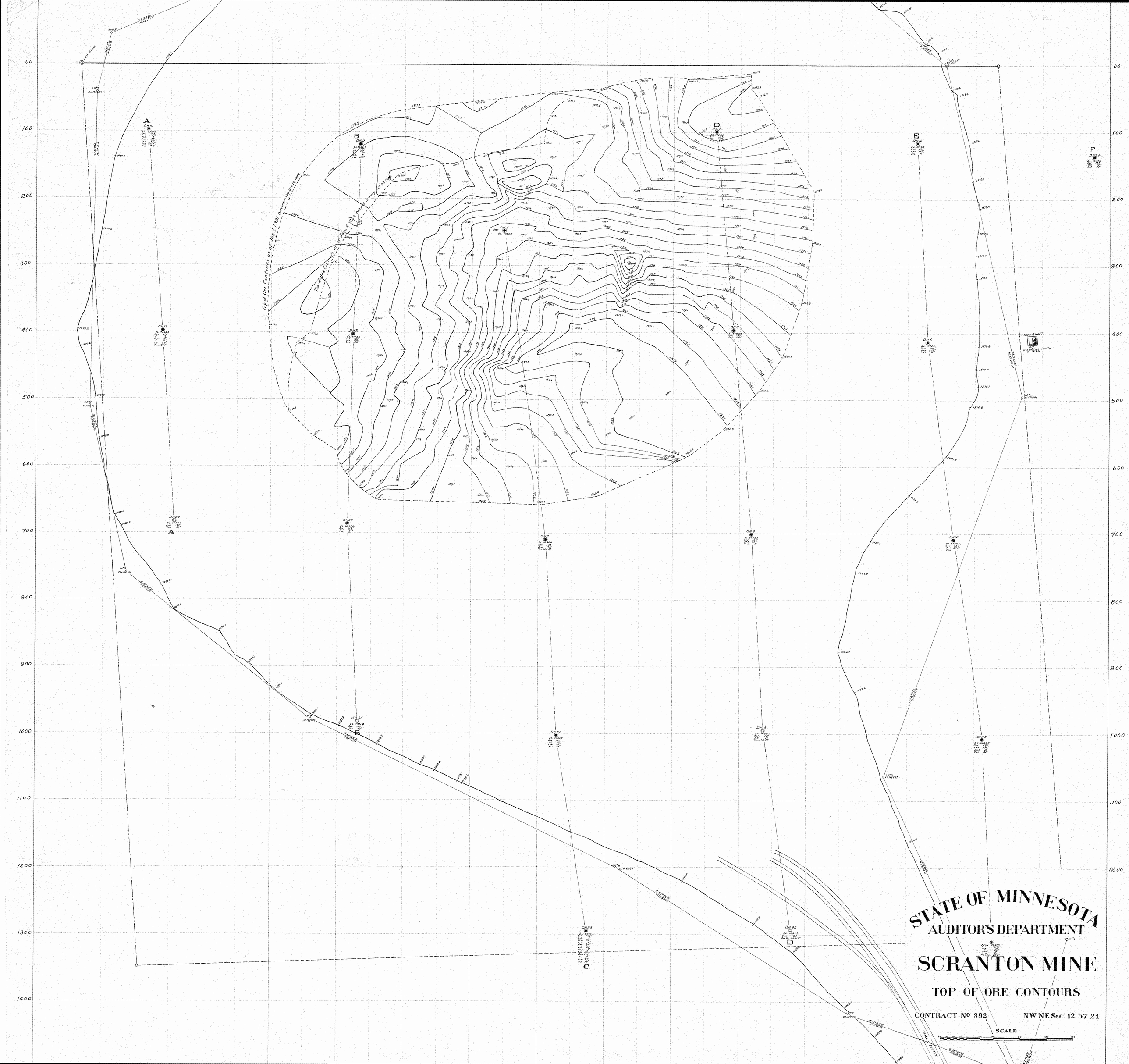
182 FT. LEVEL

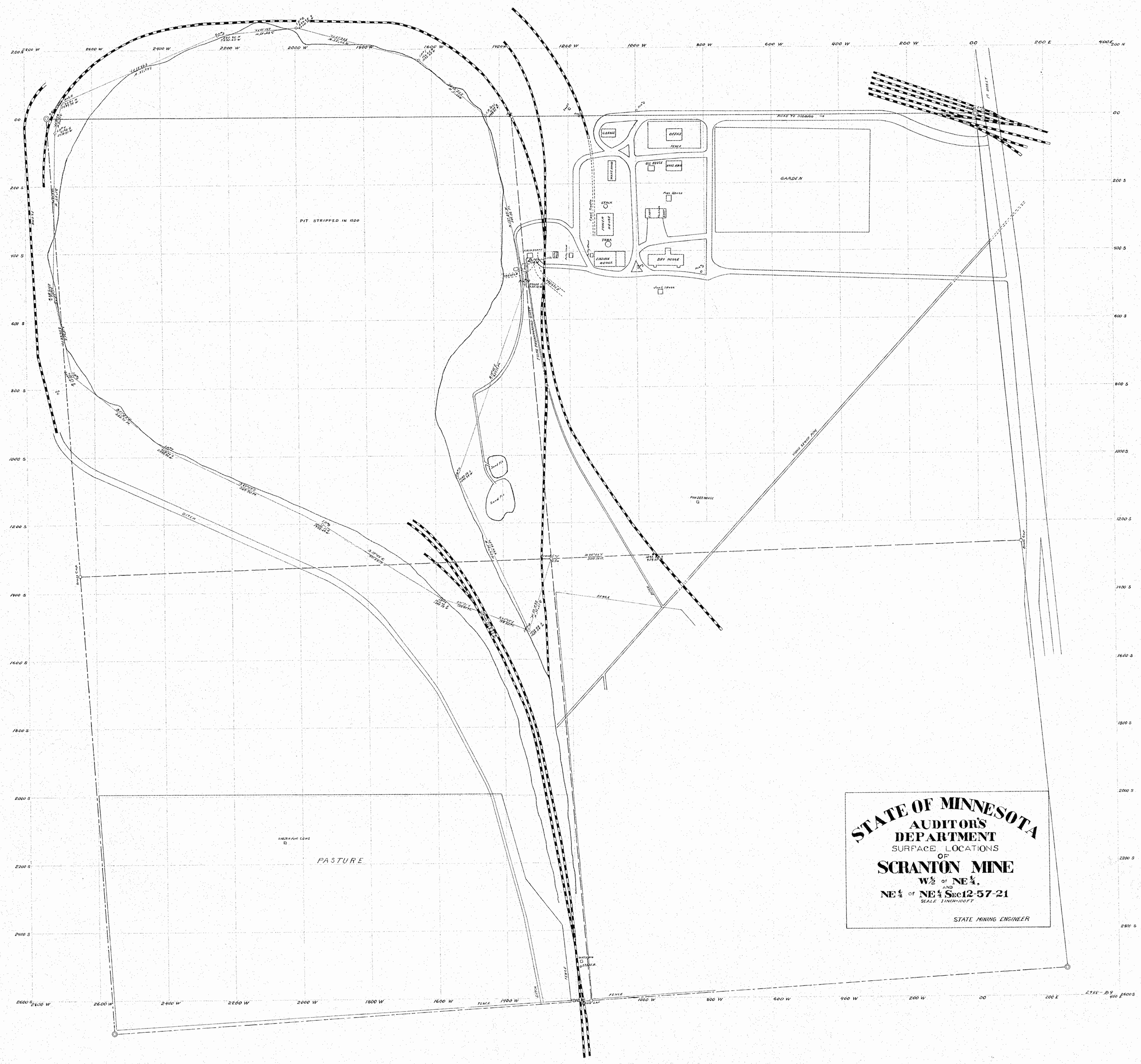


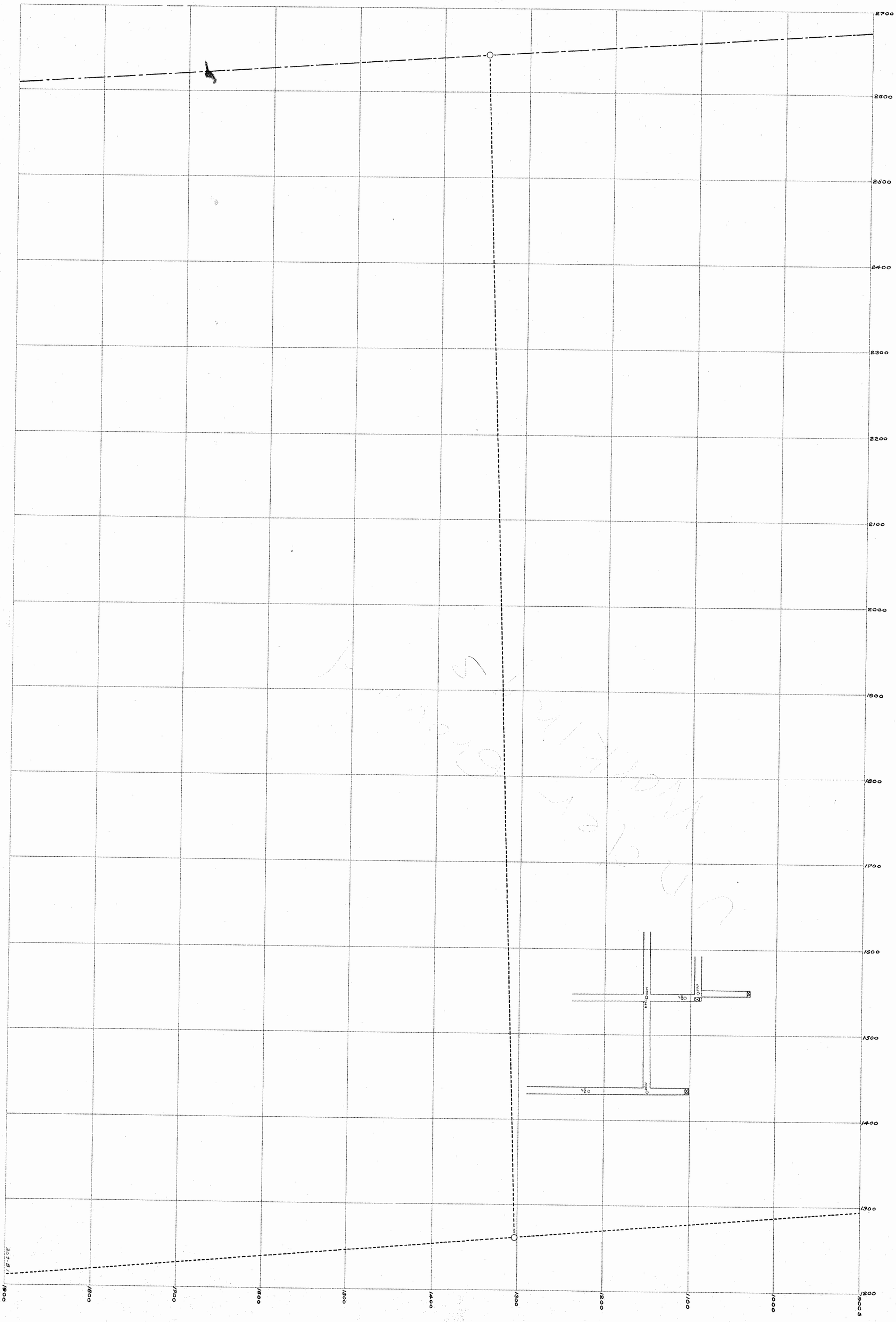
# SCRANTON MINE

18 2 FT. LEVEL




STATE OF MINNESOTA
AUDITOR'S DEPARTMENT
SCRANTON MINE
TOP OF ORE CONTOURS
CONTRACT № 392
NW NE Sec 12 57 21
SCALE
Top of Ore Contours as of Jan. 1, 1921 Depletion Survey
Top of Ore Contours as of Jan. 1, 1920 Depletion Survey
Acme Shaft
A
B
C
D
E
F


STATE OF MINNESOTA
AUDITOR'S
DEPARTMENT
SURFACE LOCATIONS
OF
SCRANTON MINE
W½ of NE¼,
AND
NE¼ of NE¼ Sec 12-57-21
SCALE 1 INCH=100 FT
STATE MINING ENGINEER
PIT STRIPPED IN 1920
PASTURE
GARDEN
GARAGE
OFFICE
FENCE
OIL HOUSE
WASTE HOUSE
STACK
POWER HOUSE
TANK
ENGINE HOUSE
DRY HOUSE
Pipe House
Coal Trestle
Water Tank
Air Tank
Pump House
Jump House
ROAD TO HIBBING
HIBBING SENIOR PINE
POWDER HOUSE
SHEDDER FOR COWS
DITCH
FENCE
Sand Pit
Sand Pit
Brook Cap
Bank Cap
WATER HYD.
CISTERN
2938-B2


2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900

# STATE OF MINNESOTA
## AUDITOR'S DEPARTMENT

# SCRANTON MINE

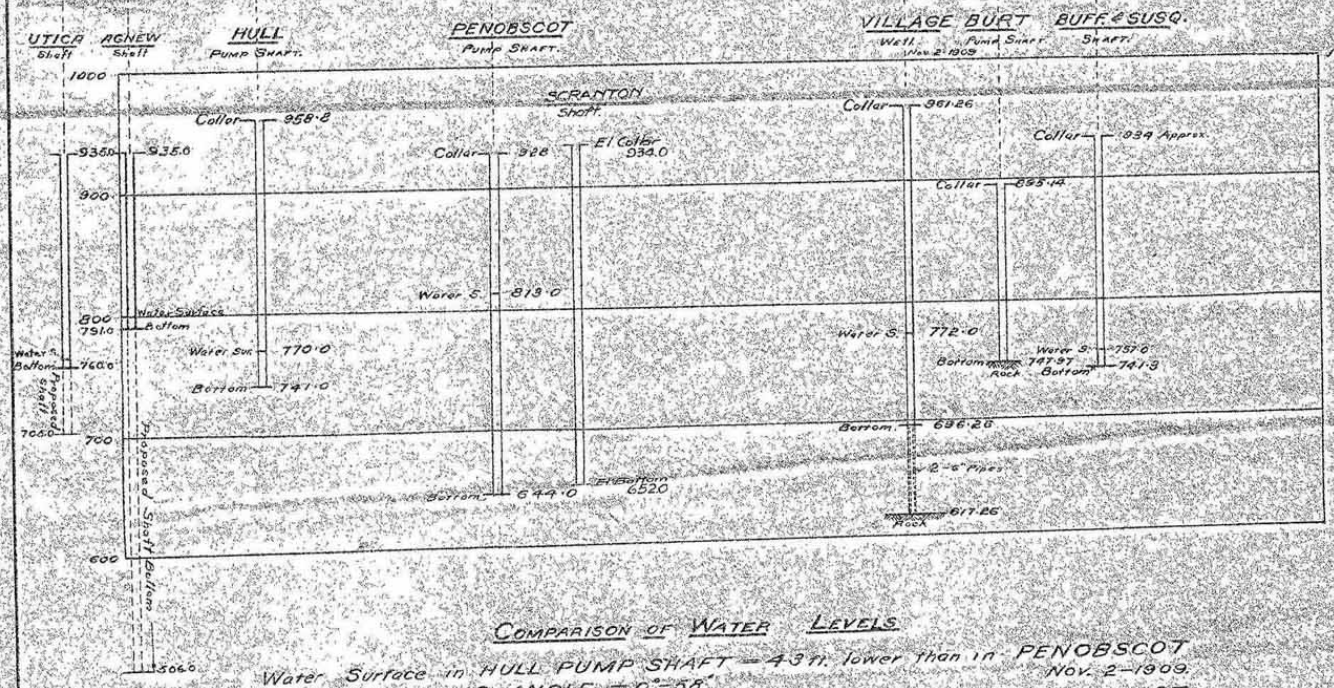
CONTRACT Nº 392 N.E.-N.E.-W-N.E. Sec. 12-57-21.

SCALE

40 30 20 10 0 20 40 60 80 100

Wm. A. Quackenbush
STATE MINING ENGINEER

366-67




COMPARISON OF WATER LEVELS

Water Surface in HULL PUMP SHAFT — 43 ft. lower than in PENOBSCOT Nov. 2-1909.
HYDRAULIC ANGLE = 0°-58'
Water Surface in VILLAGE WELL — 41 ft. lower than in PENOBSCOT Nov. 2-1909.
HYDRAULIC ANGLE = 0°-37'

OLIVER IRON MINING CO.
WATER LEVELS IN SHAFTS IN VICINITY OF HIBBING
Hibbing, Minn. Sept. 1-1910
W.C.S.

H2819-3