

SHAFT

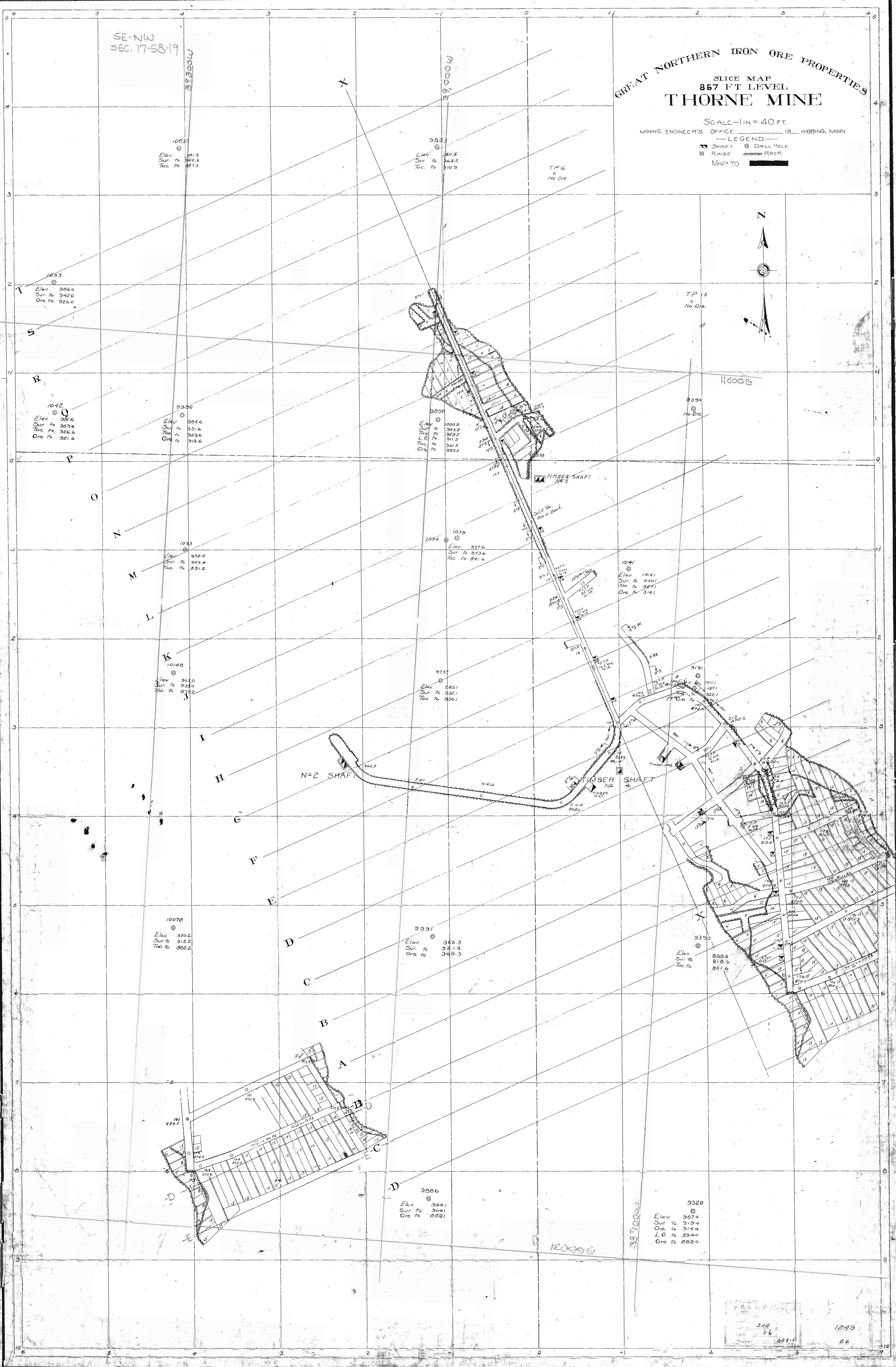


SE-NW
SEC. 17-58-19

GREAT NORTHERN IRON ORE PROPERTIES
SLICE MAP
867 FT LEVEL
THORNE MINE

SCALE—1 in = 40 FT.
MINING ENGINEER'S OFFICE, 19 HIBBING, MINN.

LEGEND:
SHAFT DRILL HOLE
RAISE ROCK
MAP TO



SE-NW
SEC. 17-58-19

GREAT NORTHERN IRON ORE PROPERTIES
SLICE MAP
887 FT LEVEL
THORNE MINE

SCALE 1 IN. = 40 FT.
MINING ENGINEER'S OFFICE 19 HIBBING, MINN.

LEGEND
SHAFT DRILL HOLE
RAISE ROCK
MAP TO

JHS



H0005

T.P. 6
No Ore

T.P. 13
No Ore

3394
No Ore

1041
Elev. 9012.1
Sur. to 920.1
Loc. to 927.1
Ore to 914.1

1011
Elev. 9011.1
Sur. to 921.1
Loc. to 922.1
Ore to 916.1

9393
Elev. 9886.6
Sur. to 918.6
Loc. to 851.6

9320
Elev. 9374.4
Sur. to 919.4
Ore to 944.4
Loc. to 894.4
Ore to 889.4

9839
Elev. 1011.5
Sur. to 945.5
Loc. to 910.9

9832
Elev. 9232.2
Sur. to 928.2
Loc. to 911.2
Ore to 883.2

9737
Elev. 985.1
Sur. to 945.6
Loc. to 850.1

9981
Elev. 946.3
Sur. to 921.3
Ore to 909.3

9806
Elev. 954.1
Sur. to 924.1
Ore to 889.1

10037
Elev. 991.3
Sur. to 952.3
Loc. to 987.3

1035
Elev. 986.0
Sur. to 942.0
Ore to 926.0

1042
Elev. 981.6
Sur. to 939.6
Loc. to 926.6
Ore to 921.6

9990
Elev. 984.5
Sur. to 931.6
Loc. to 929.6
Ore to 919.6

1033
Elev. 975.5
Sur. to 949.5
Loc. to 931.2

1014.8
Elev. 963.0
Sur. to 930.0
Loc. to 879.2

10078
Elev. 950.2
Sur. to 925.2
Loc. to 883.2

Nº2 SHAFT

TIMBER SHAFT
Nº 4

TIMBER SHAFT
Nº 3

+3

+4

+5

+3

+4

+5

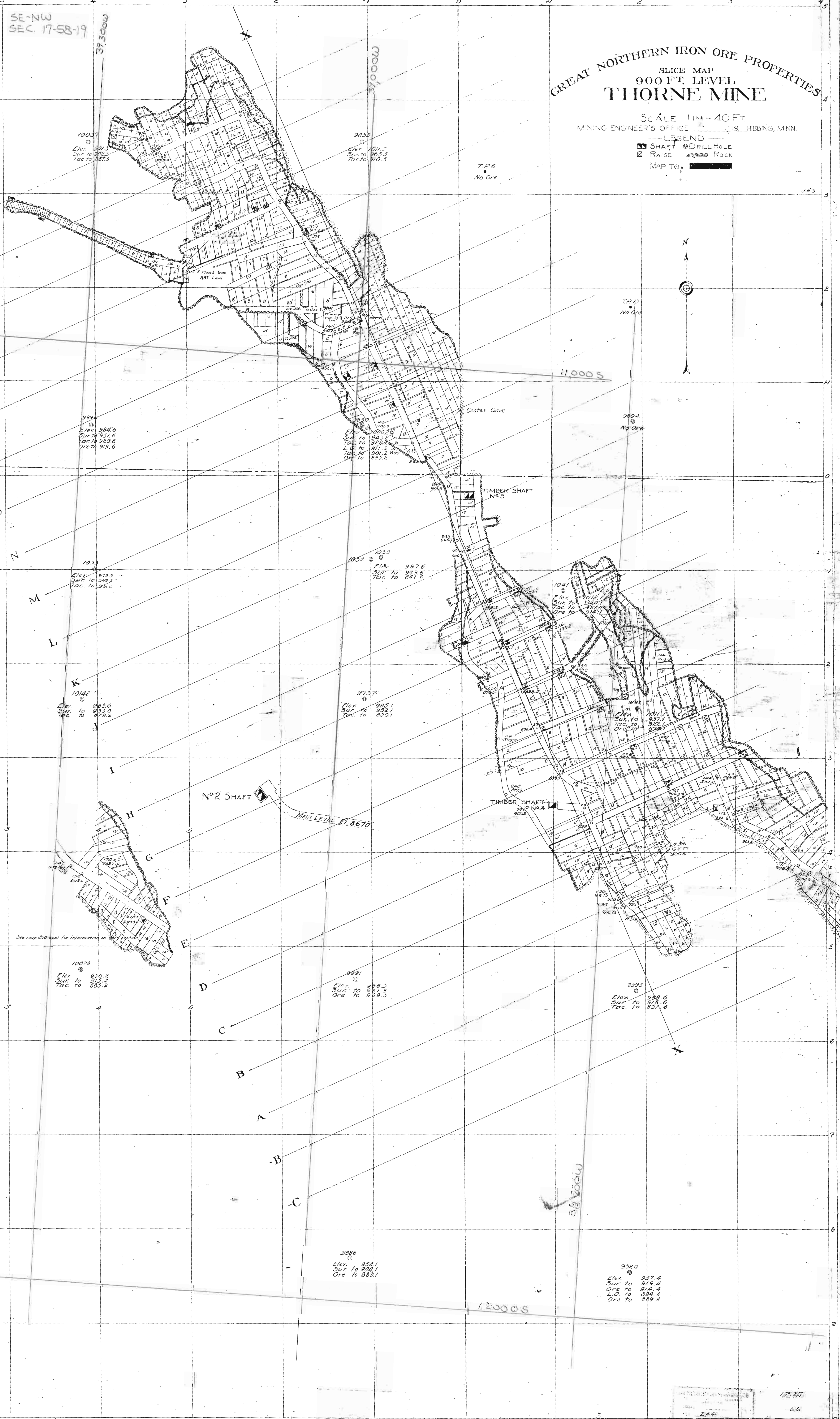
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66

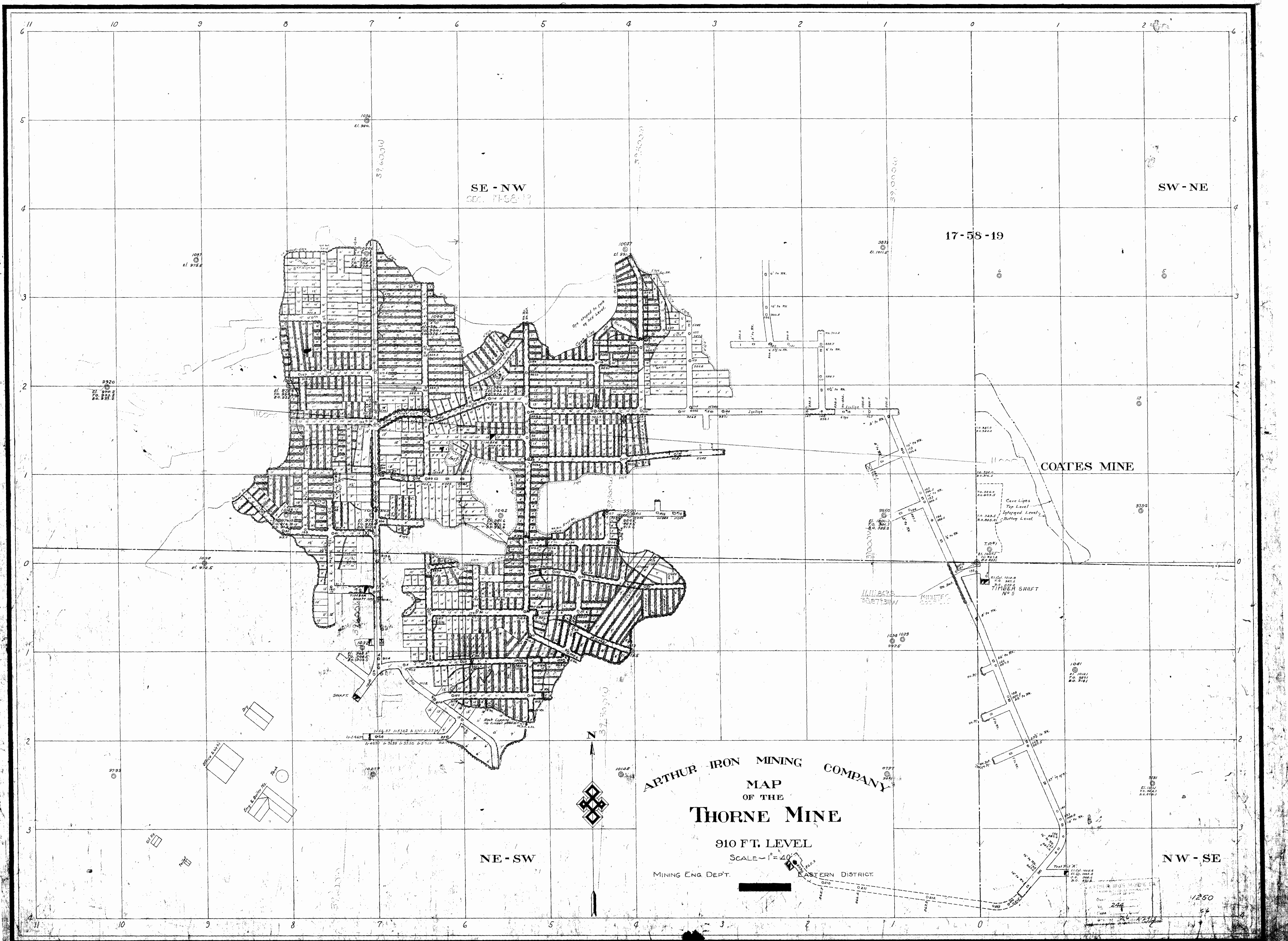
SE-NW
SEC. 17-58-19

GREAT NORTHERN IRON ORE PROPERTIES SLICE MAP 900 FT. LEVEL THORNE MINE

SCALE 1 IN. = 40 FT.
MINING ENGINEER'S OFFICE J. H. HIBBING, MINN.

- LEGEND
- SHAFT
 - DRILL HOLE
 - RAISE
 - ROCK
- MAP TO: _____





SE-NW
SEC. 17-58-19

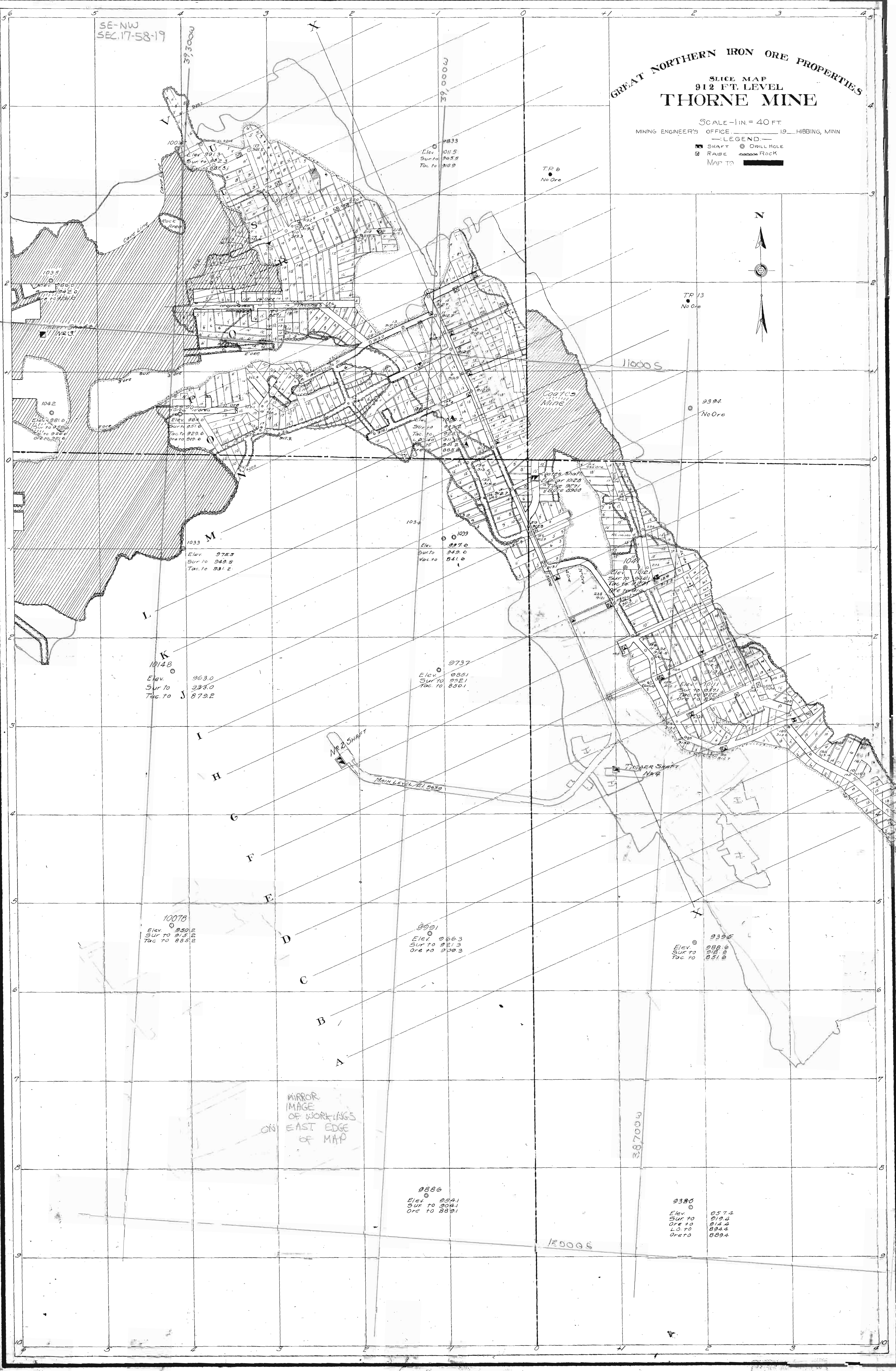
GREAT NORTHERN IRON ORE PROPERTIES
SLICE MAP
912 FT. LEVEL
THORNE MINE

SCALE - 1 IN. = 40 FT.
MINING ENGINEER'S OFFICE 19 HIBBING, MINN.

LEGEND
SHAFT DRILL HOLE
RAISE ROCK
MAP TO



MIRROR
IMAGE
OF WORKINGS
EAST EDGE
OF MAP

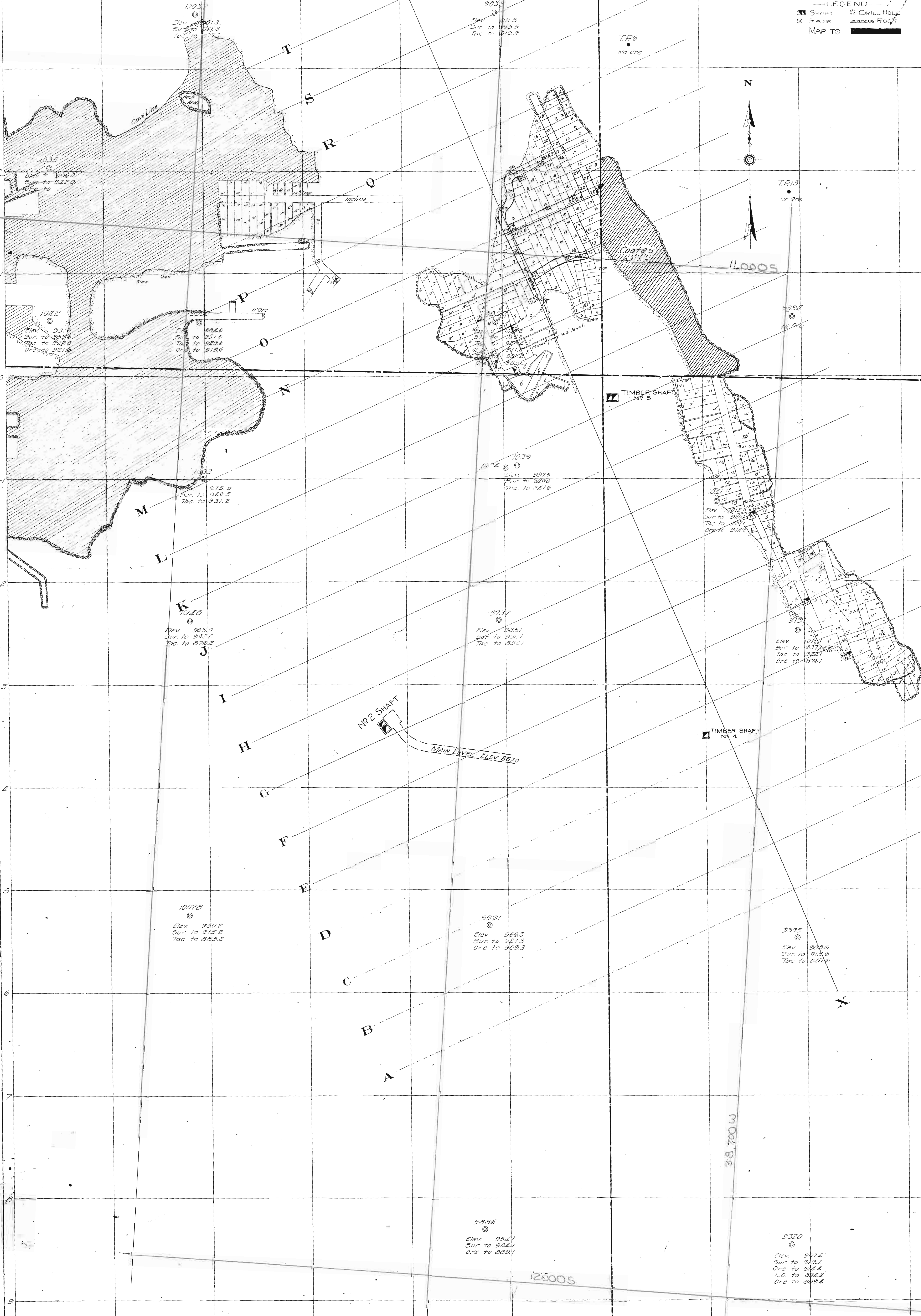


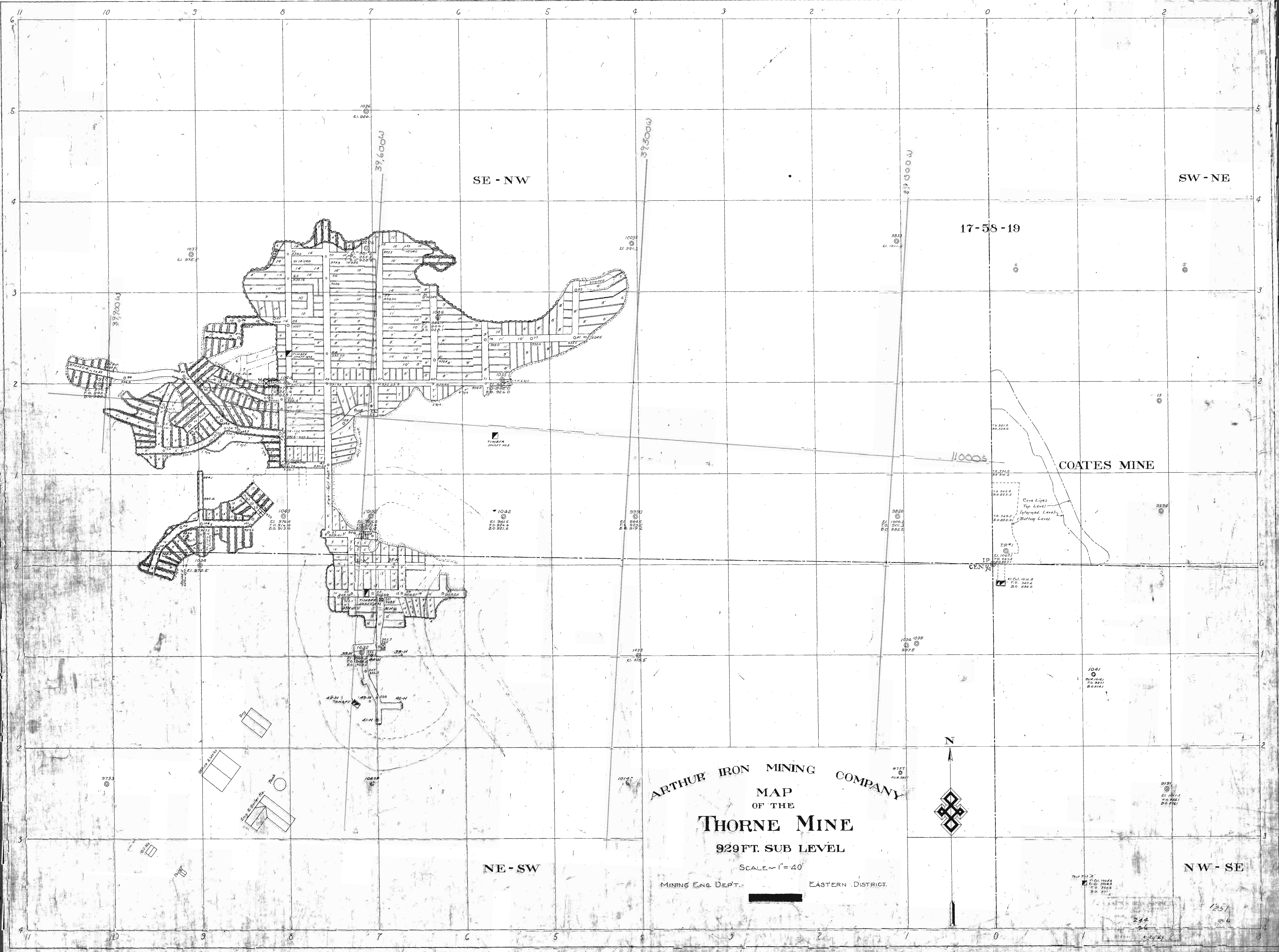
SE-NW
SEC. 17-58-19

GREAT NORTHERN IRON ORE PROPERTIES
SLICE MAP
927 FT. LEVEL
THORNE MINE

SCALE 1 IN = 40 FT.
MINING ENGINEER'S OFFICE HIBBING, MINN.

LEGEND
SHAFT RAISE DRILL HOLE
MAP TO





SE - NW

SW - NE

17-58-19

COATES MINE

ARTHUR IRON MINING COMPANY
MAP
OF THE

THORNE MINE

929FT. SUB LEVEL

SCALE 1"=40'

MINING ENG. DEPT.

EASTERN DISTRICT.

NE - SW

NW - SE

