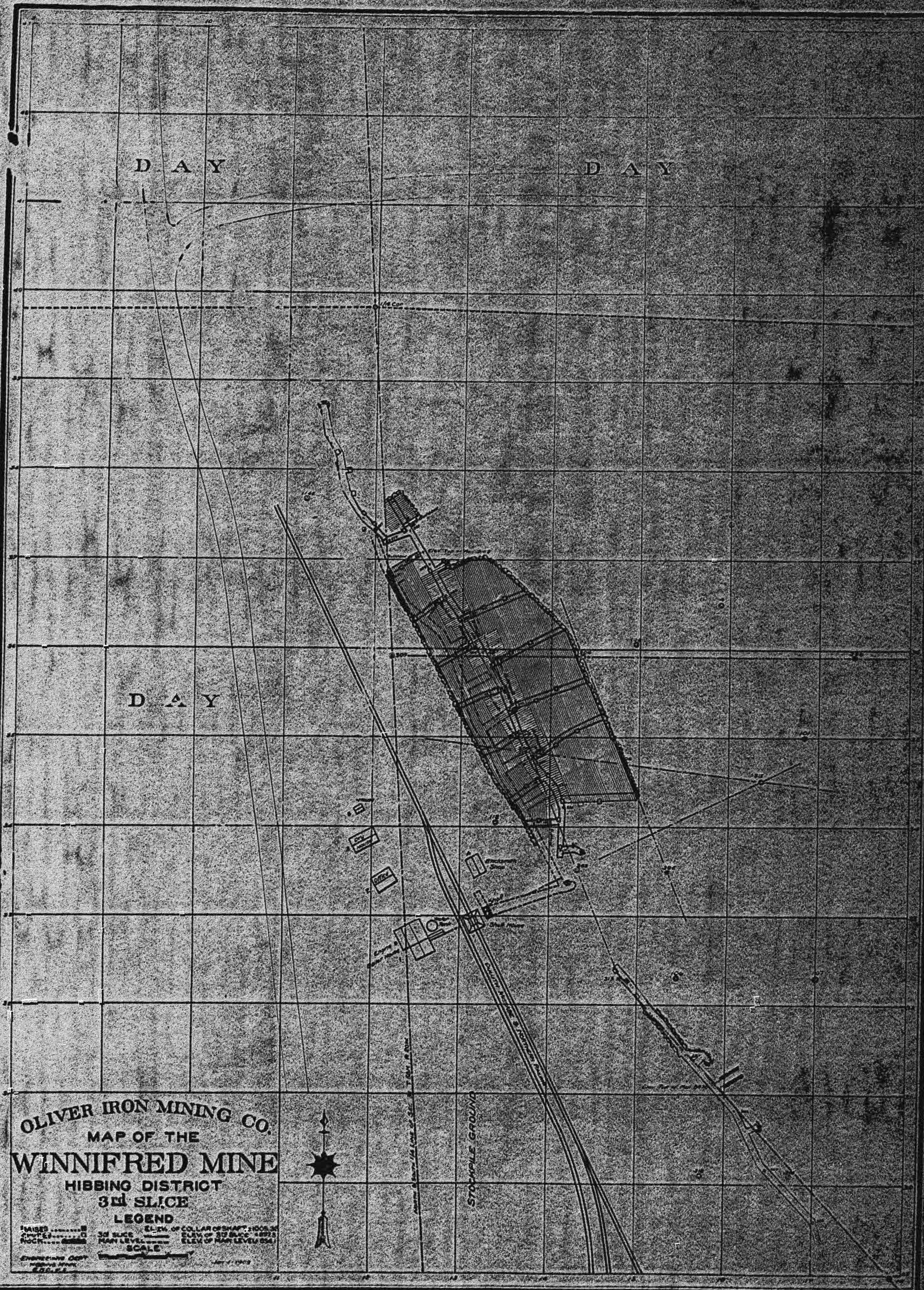


27 1531 1897 1709 MINNESOTA H 374 SLICES A-31 (1078) 2-6-07 MOROQIR 3AD04N.71P



27 1531 1909 1709 WINNIFRED M. 3 & 4 SLICES N. 31 1200' 24-07

MORGENTHAU THOIN, TIF

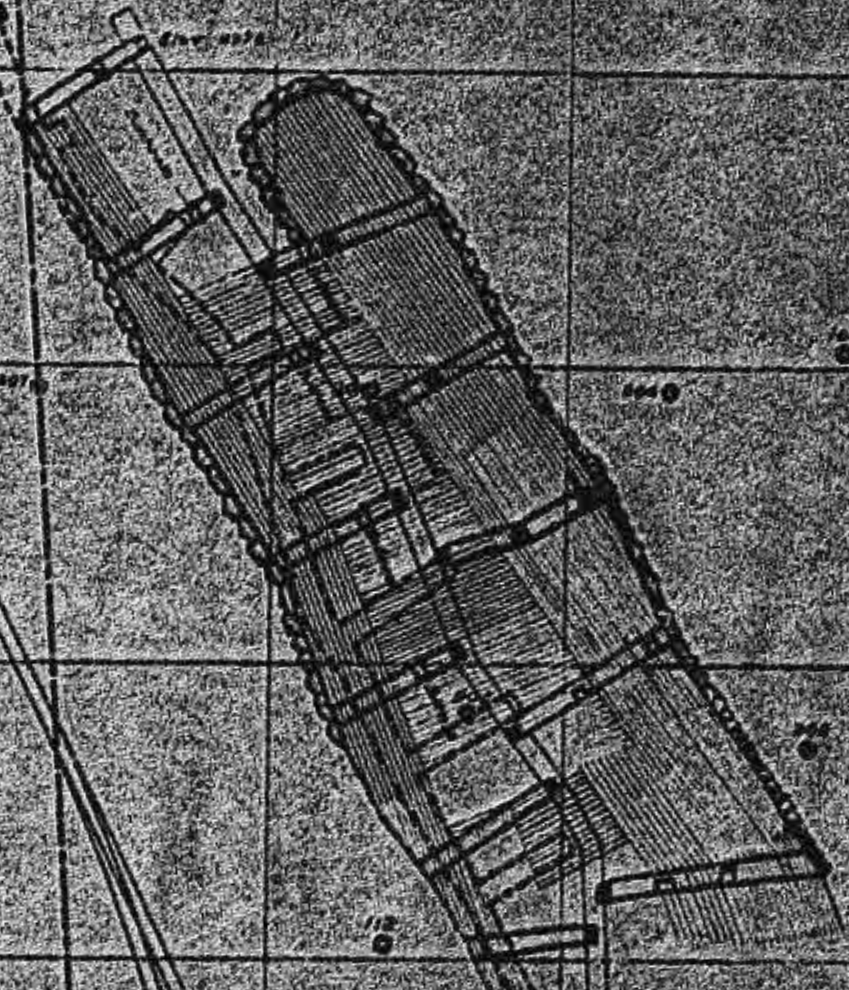
D A Y

D A Y

D A Y

OLIVER IRON MINING CO.
MAP OF THE
WINNIFRED MINE
HIBBING DISTRICT
4th SLICE

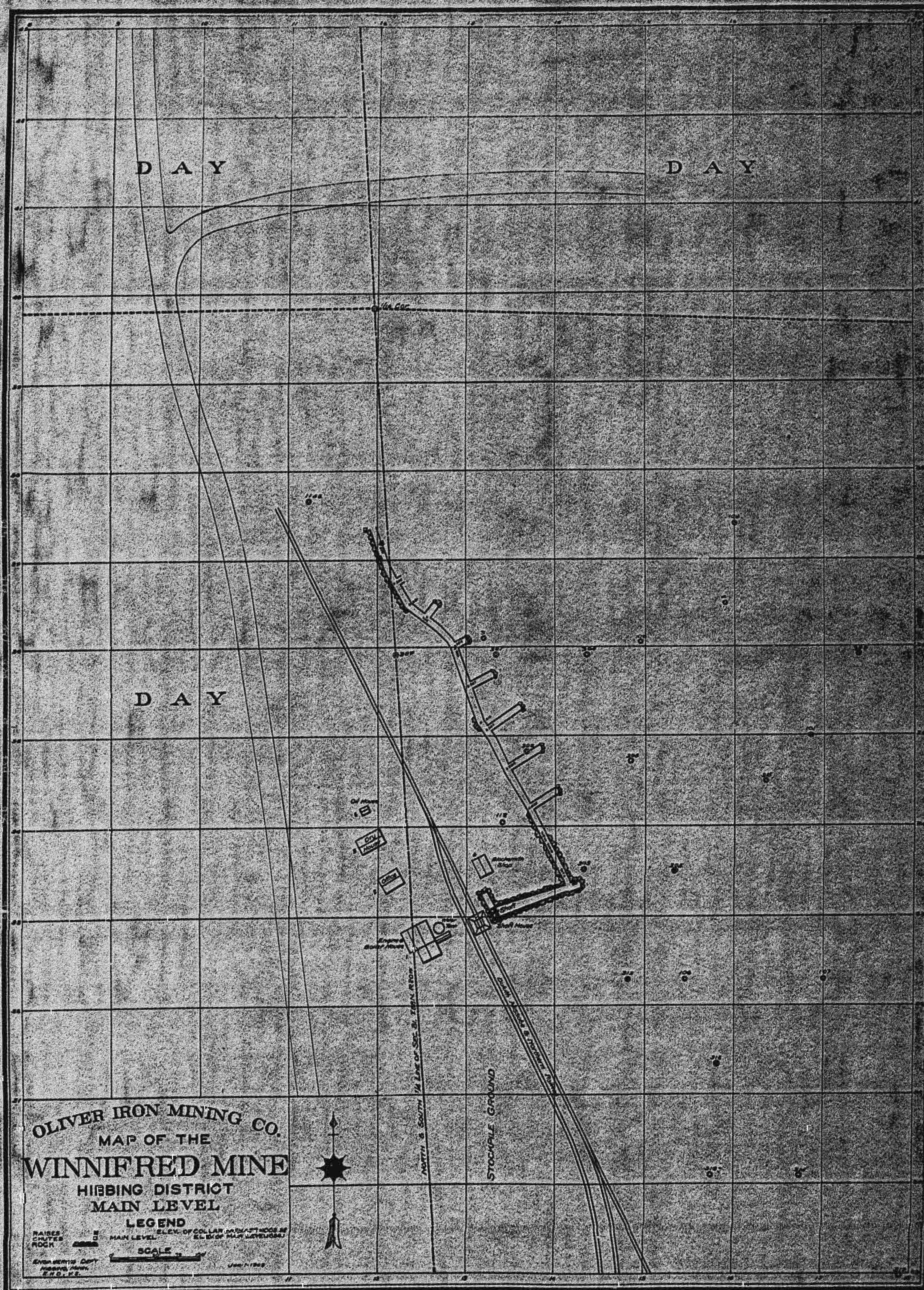
LEGEND
RAISED CUTS
ROOM
ELEV. OF COLLAR OF SHAFT 1000' 0"
ELEV. OF 4th SLICE 600' 0"
ELEV. OF MAIN LEVEL 500' 0"
SCALE
FROM 200' DEPT.
HIBBING DISTRICT
S.P.S.V.S.



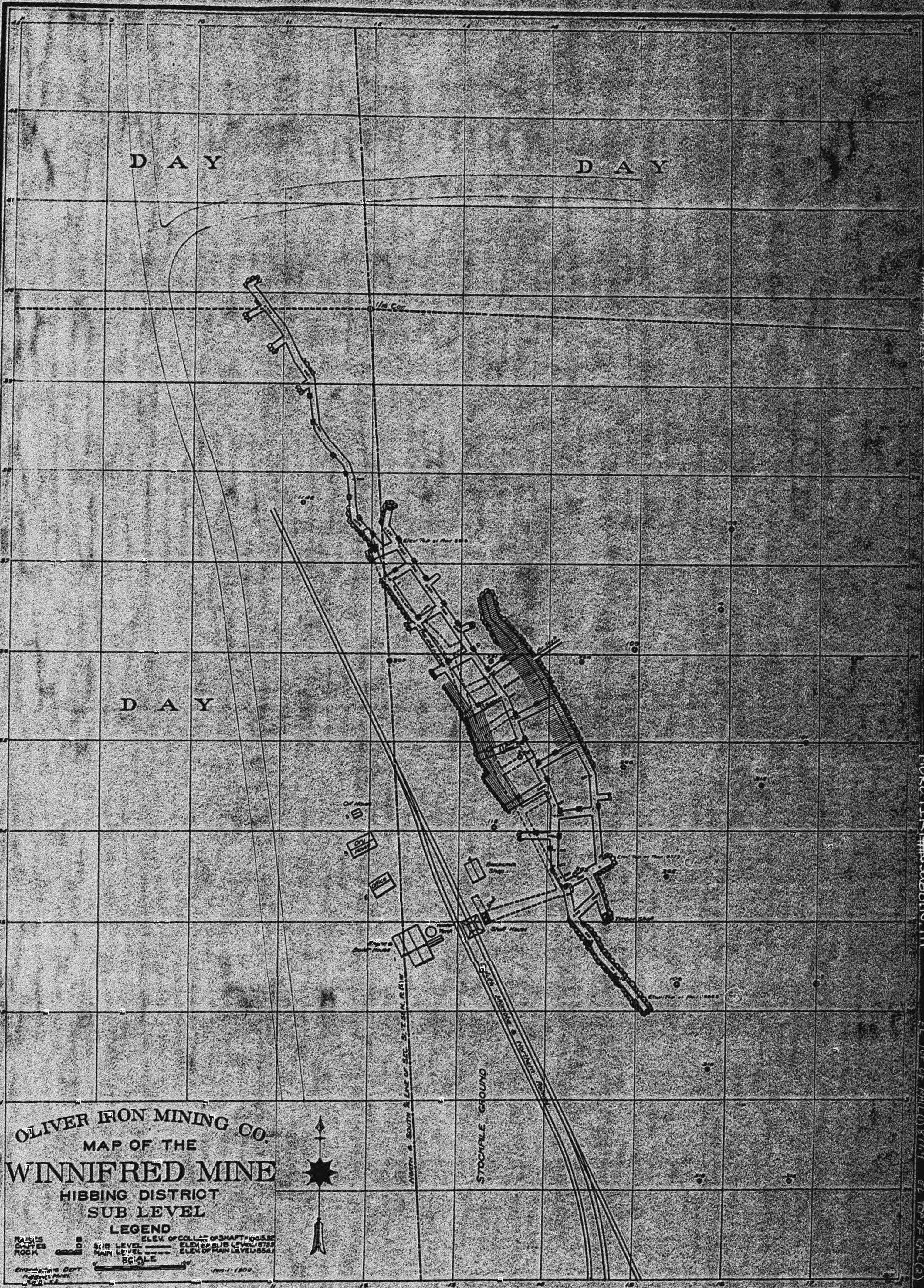
NORTH & SOUTH 1/4 LINE OF SEC. 21, T. 20N., R. 20E.

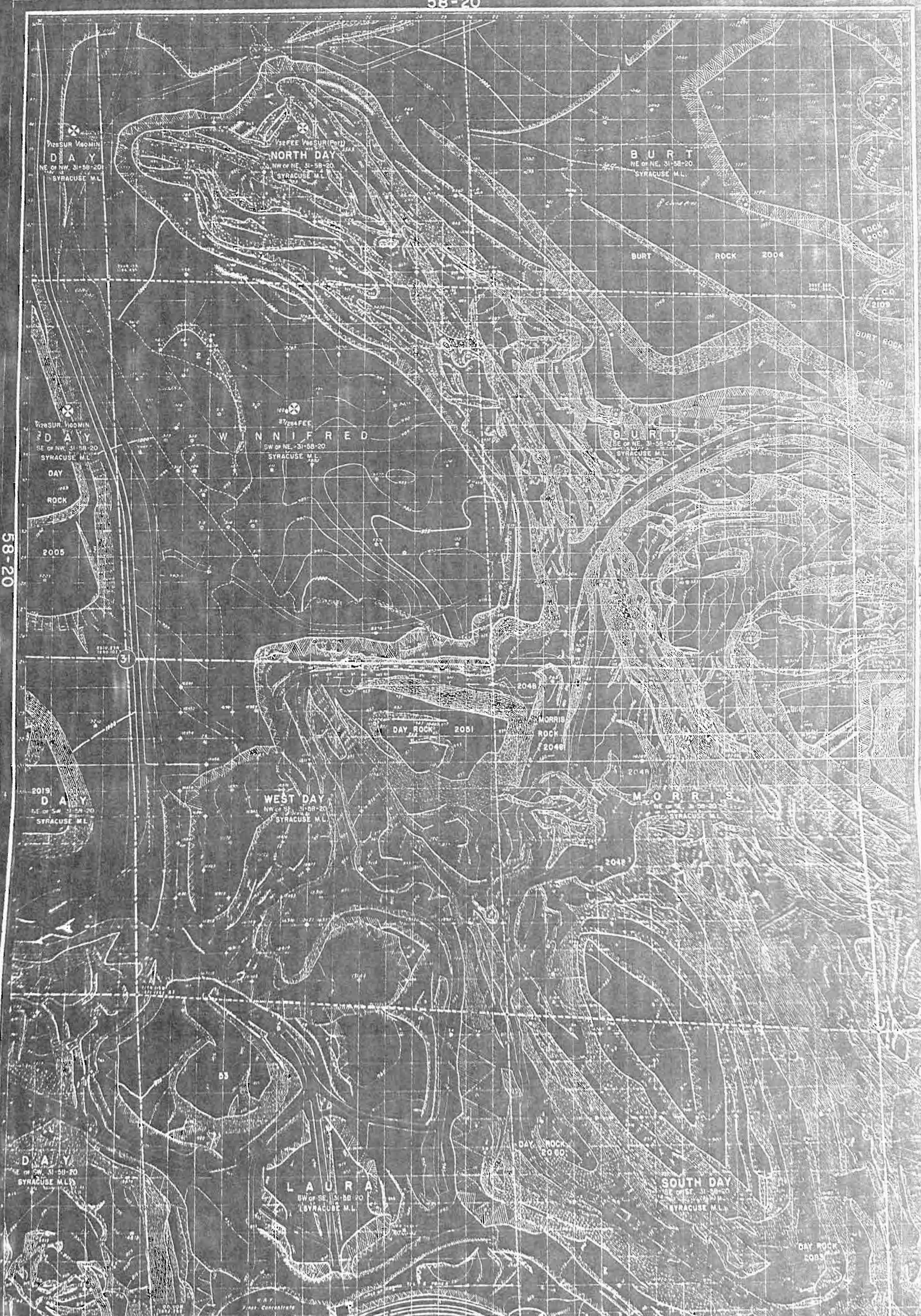
STOCKPILE GROUND

02/15/31 1929 1701 WHITTIERED N. MAIN & 54th LEWS A-31 (10E2) 2427 MOROQIRMANBIDITF



07 1931 1929 L-09 WINNIFRED M HIBBING DISTRICT A-31 (2072) 3407 EL TOP OF MHL (3) 881.6 MOROQIR MMSUBOIN.TIF EL TOP OF MHL (3) 877.4 EL TOP OF MHL (3) 882.5





UNITED STATES STEEL CORPORATION
MINNESOTA ORE OPERATIONS
**MORRIS MINE
& VICINITY**
MESABI RANGE

SCALE
JAN. 1, 1968
ELEVATIONS REFERRED TO
LAST SURVEY DATUM AT 847
PRINTING DEPARTMENT
SPELMAN MINE



58-20

58-20

JAN. 1, 1968