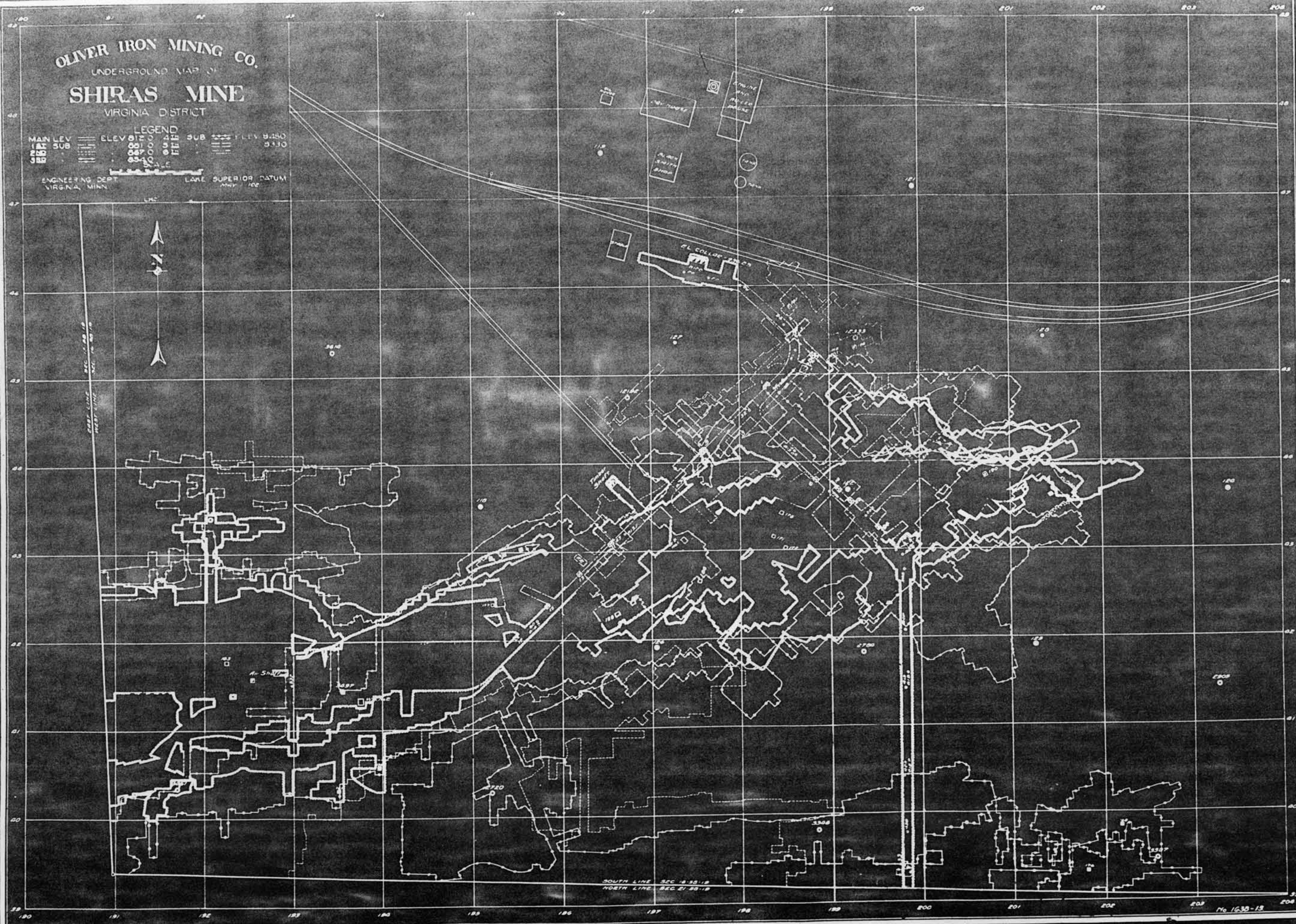
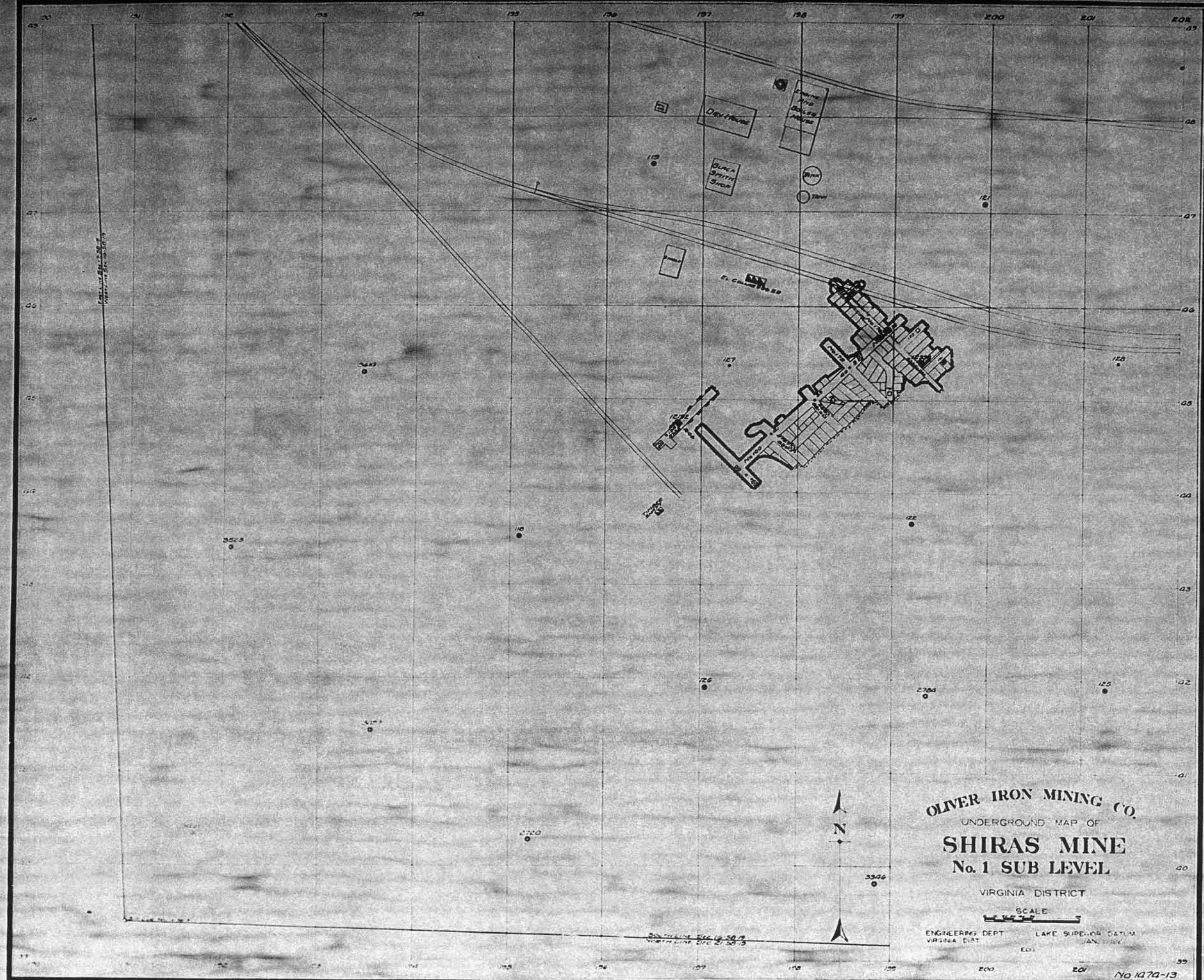
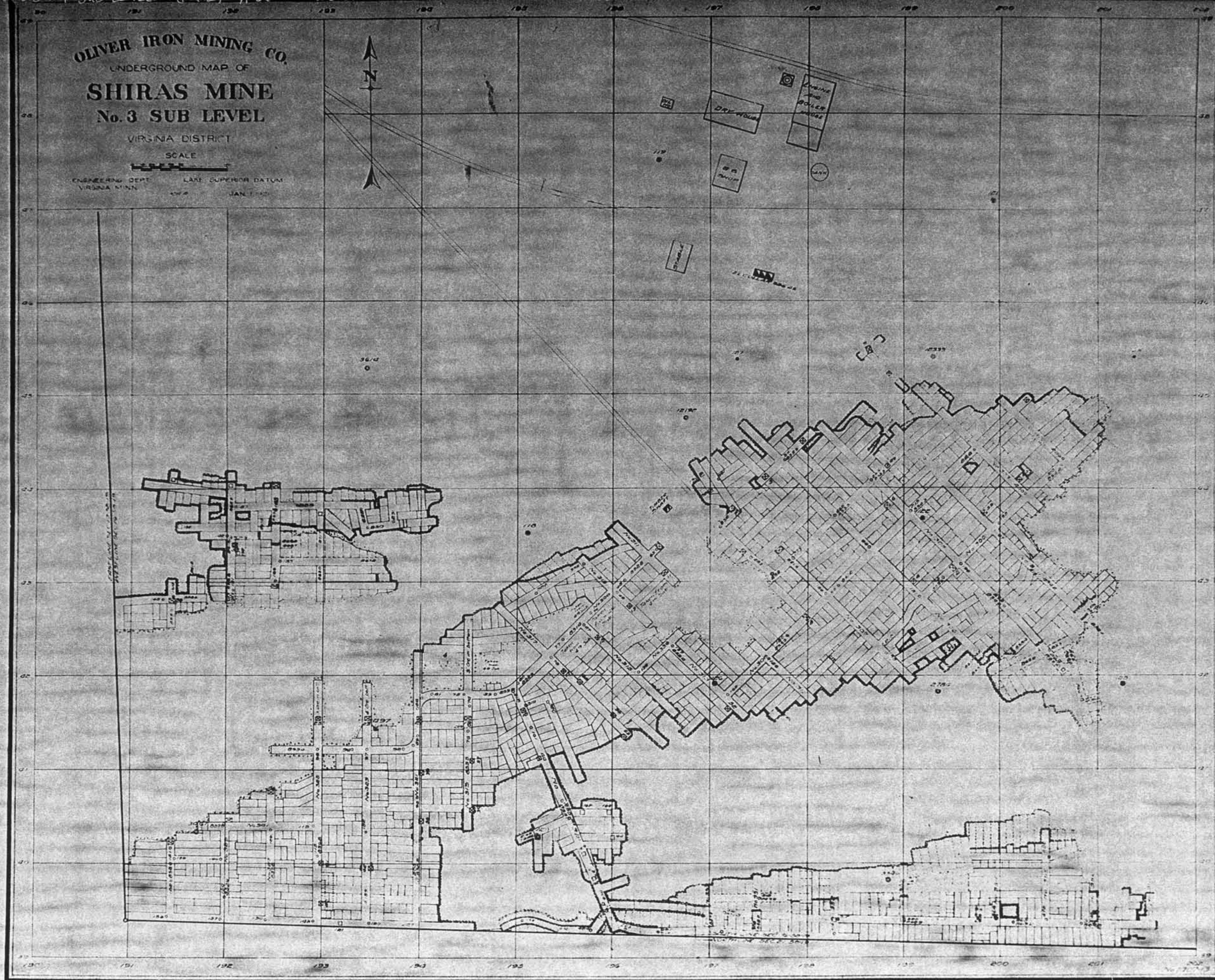


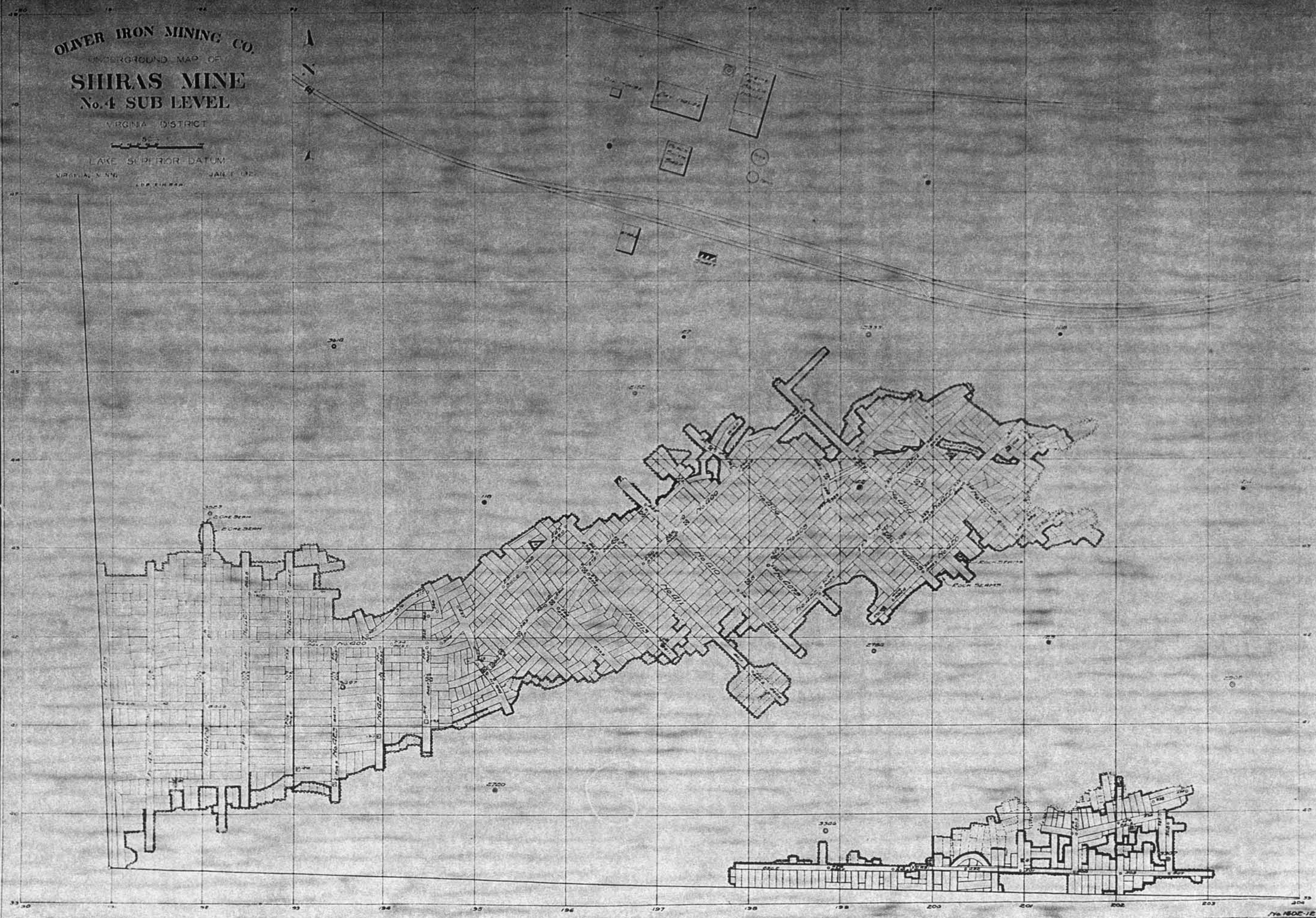




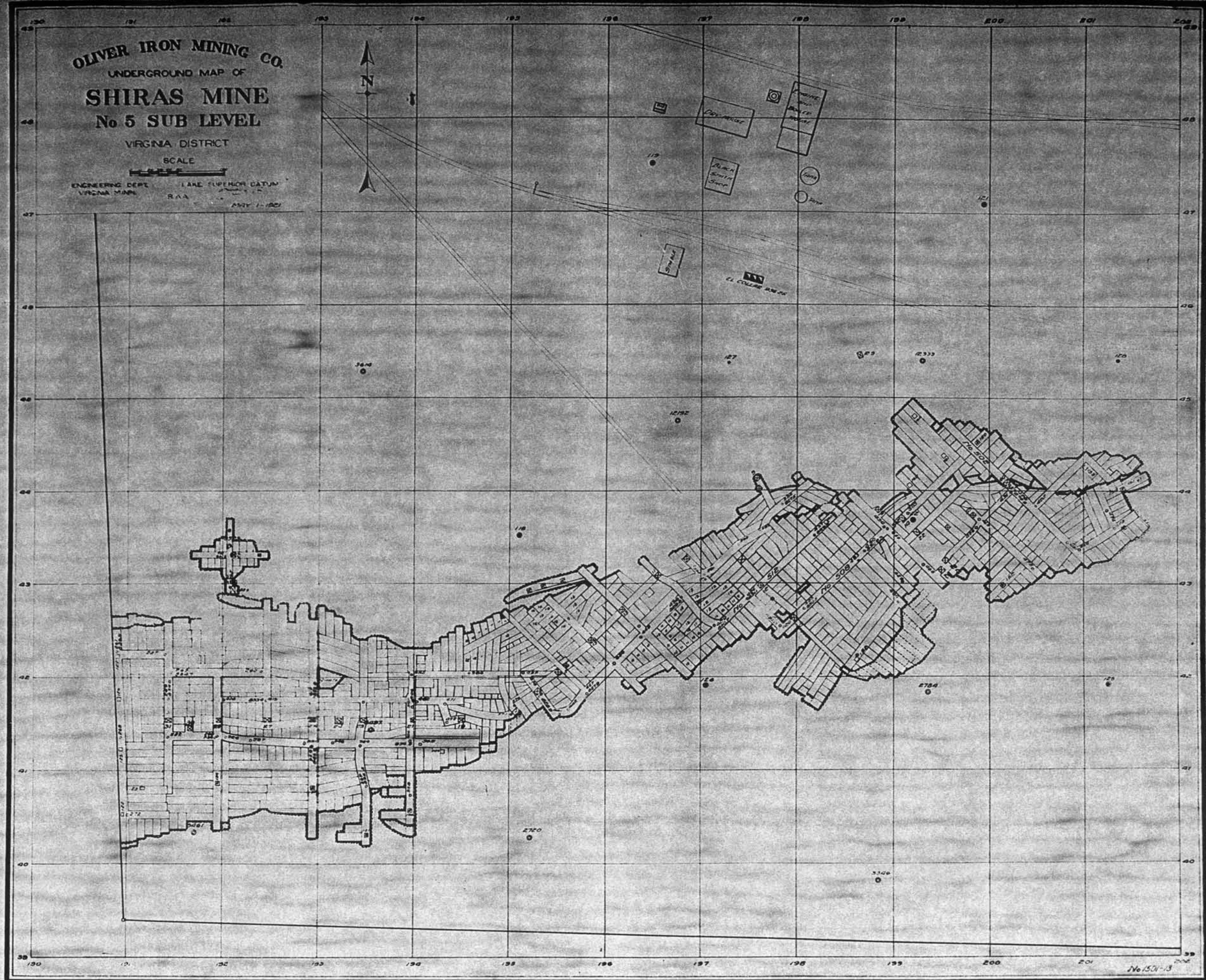


OLIVER IRON MINING CO.
UNDERGROUND MAP OF
SHIRAS MINE
No. 4 SUB LEVEL

VIRGINIA DISTRICT
LAKE SUPERIOR DATUM
VIRGINIA N. M. JAN 1 1927



09 1531 1935 5-1-21 SHIRAS NO 5+6 SUB LEVELS A-66 2-6-07

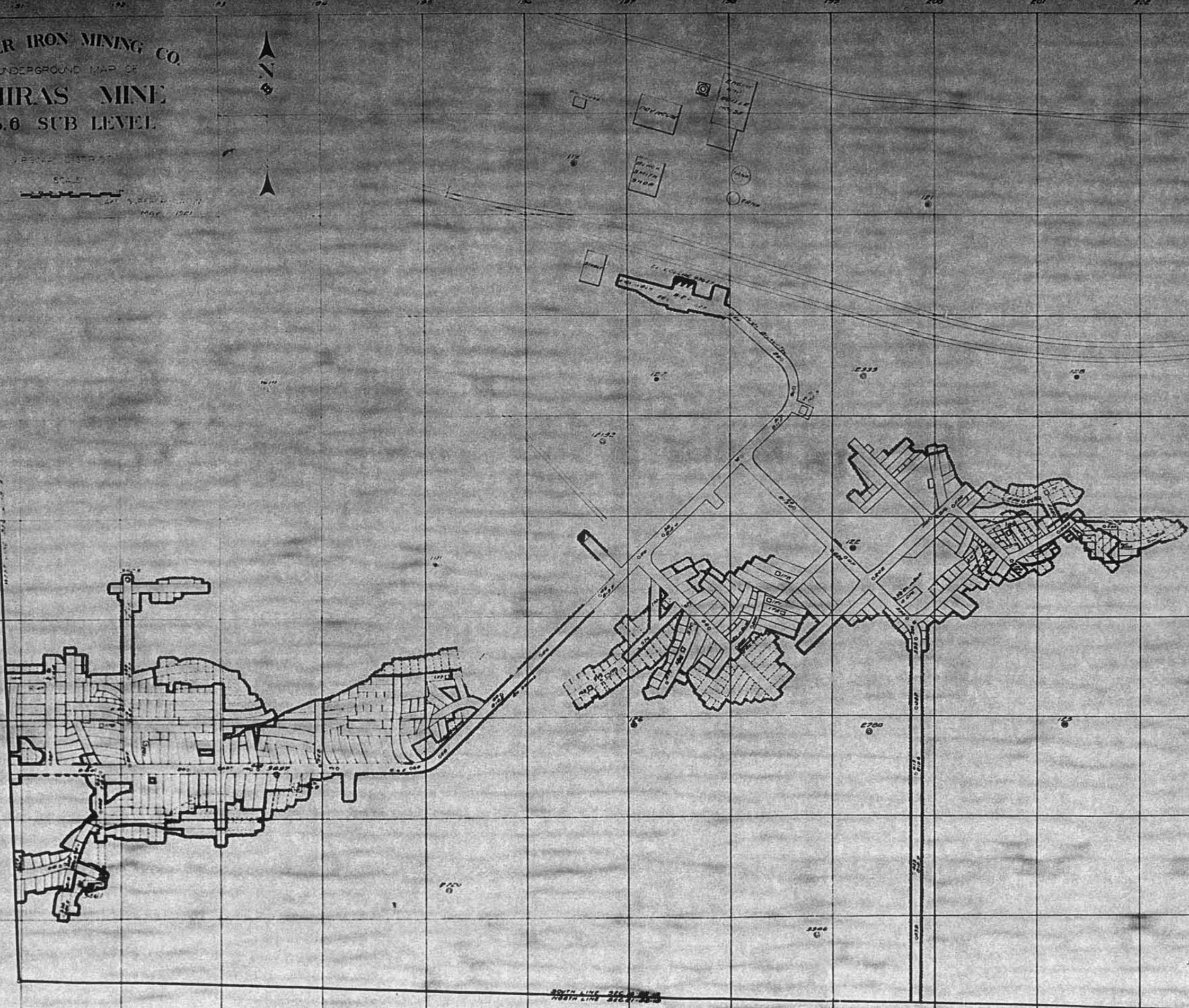


OLIVER IRON MINING CO.
UNDERGROUND MAP OF
SHIRAS MINE
No. 6 SUB LEVEL

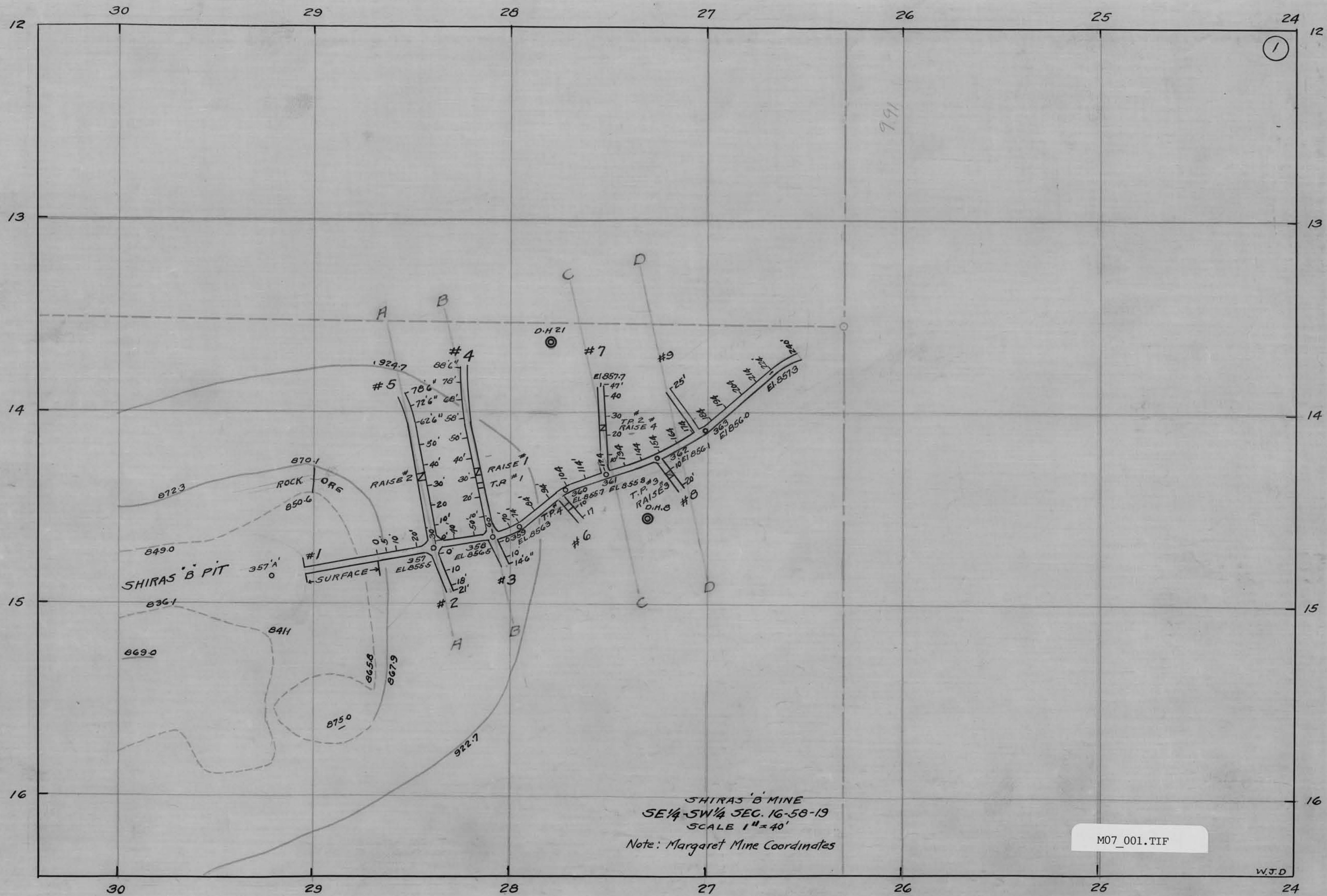
VERMONT DISTRICT

SCALE

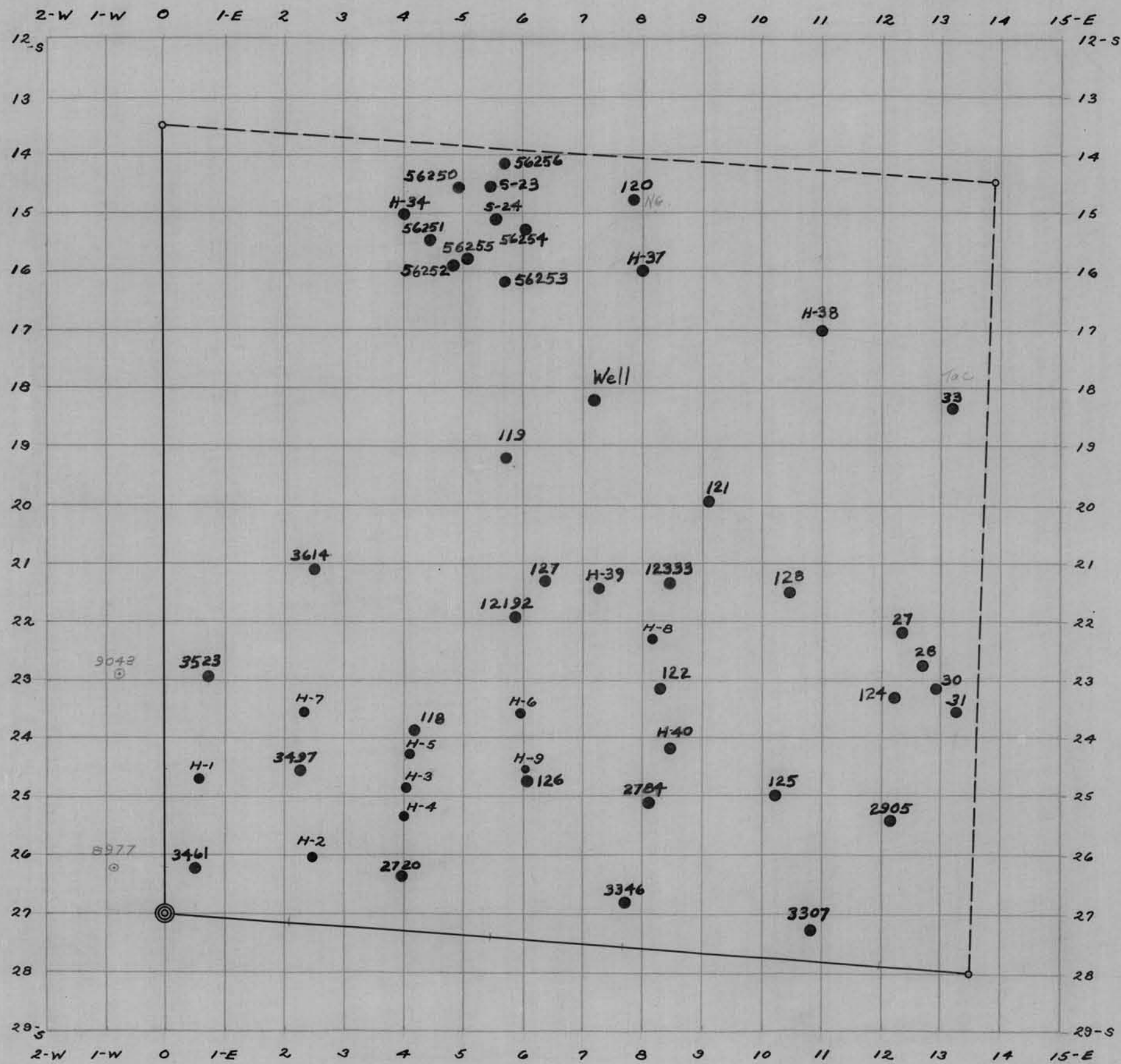
ENGINEERING DEPT.
BOSTON, MASS.
1906



SOUTH LINE SEC. 36-38-15
NORTH LINE SEC. 37-39-15



M05_007.TIF

**SHIRAS MINE**

SW-SW-16-58-19

Origin of Co-ordinates = W 1/4 Cor.

C 1/16-SW 1/4-----1449.76-S 1395.34-E

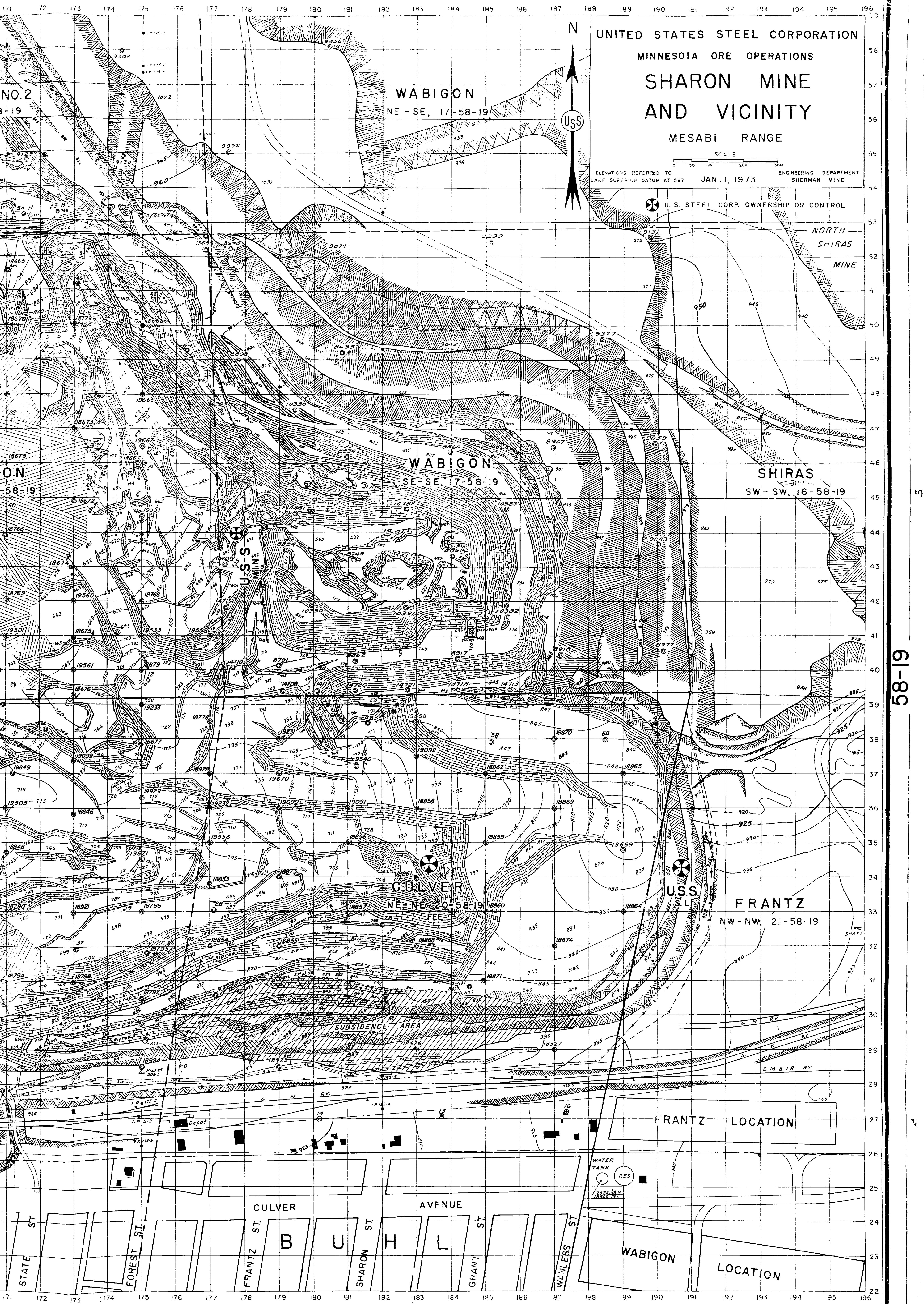
S 1/16-SW 1/4-----2801.04-S 1351.18-E

SW-Cor-----2699.32-S 0.00-E

W 1/16-Cor.-SW 1/4---1349.66-S 0.00-E

Scale - 1" = 200'

NO. 2



58-19

00150003.11F

SHARON JAN 1, 1973