



State of New Jersey
Department of Environmental Protection
Geological Survey

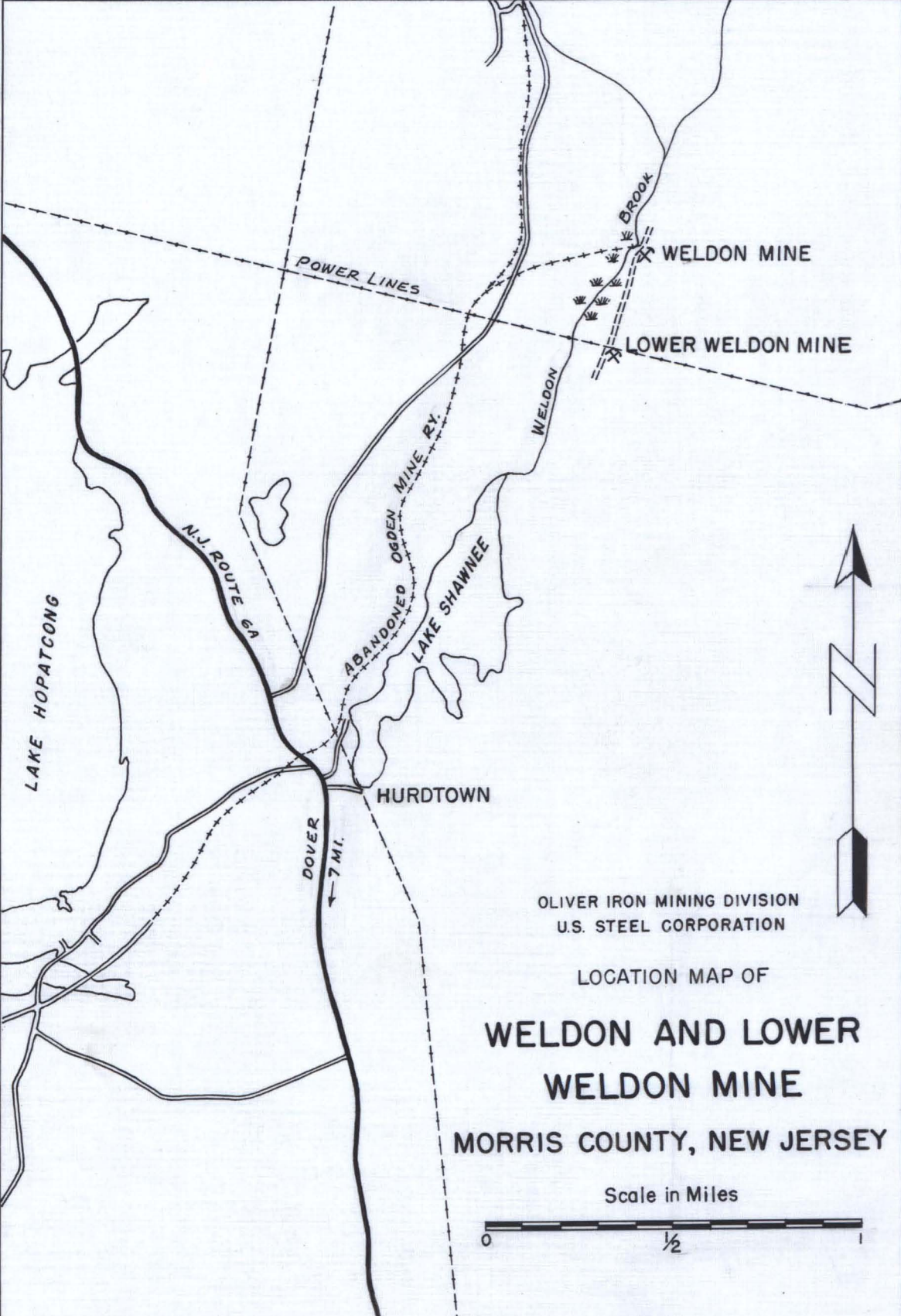


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LAKE HOPATCONG

N.J. ROUTE 6A

DOVER
← 7 MI.

ABANDONED OGDEN MINE R.Y.

LAKE SHAWNEE

HURDTOWN

WELDON

BROOK

WELDON MINE

LOWER WELDON MINE

POWER LINES

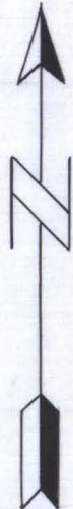
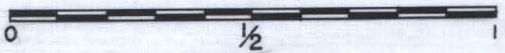
OLIVER IRON MINING DIVISION
U.S. STEEL CORPORATION

LOCATION MAP OF

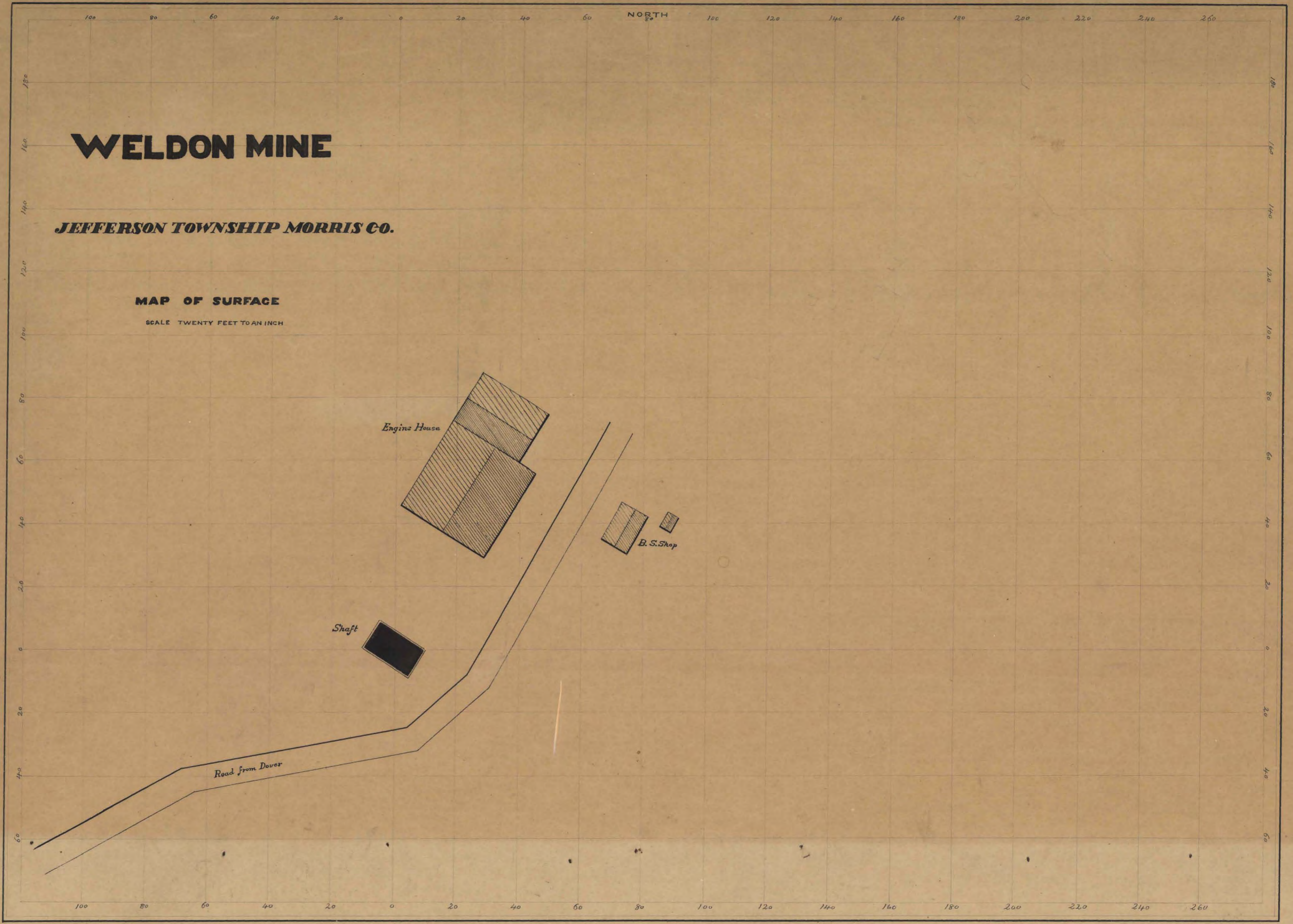
WELDON AND LOWER WELDON MINE

MORRIS COUNTY, NEW JERSEY

Scale in Miles



7/10/13



13

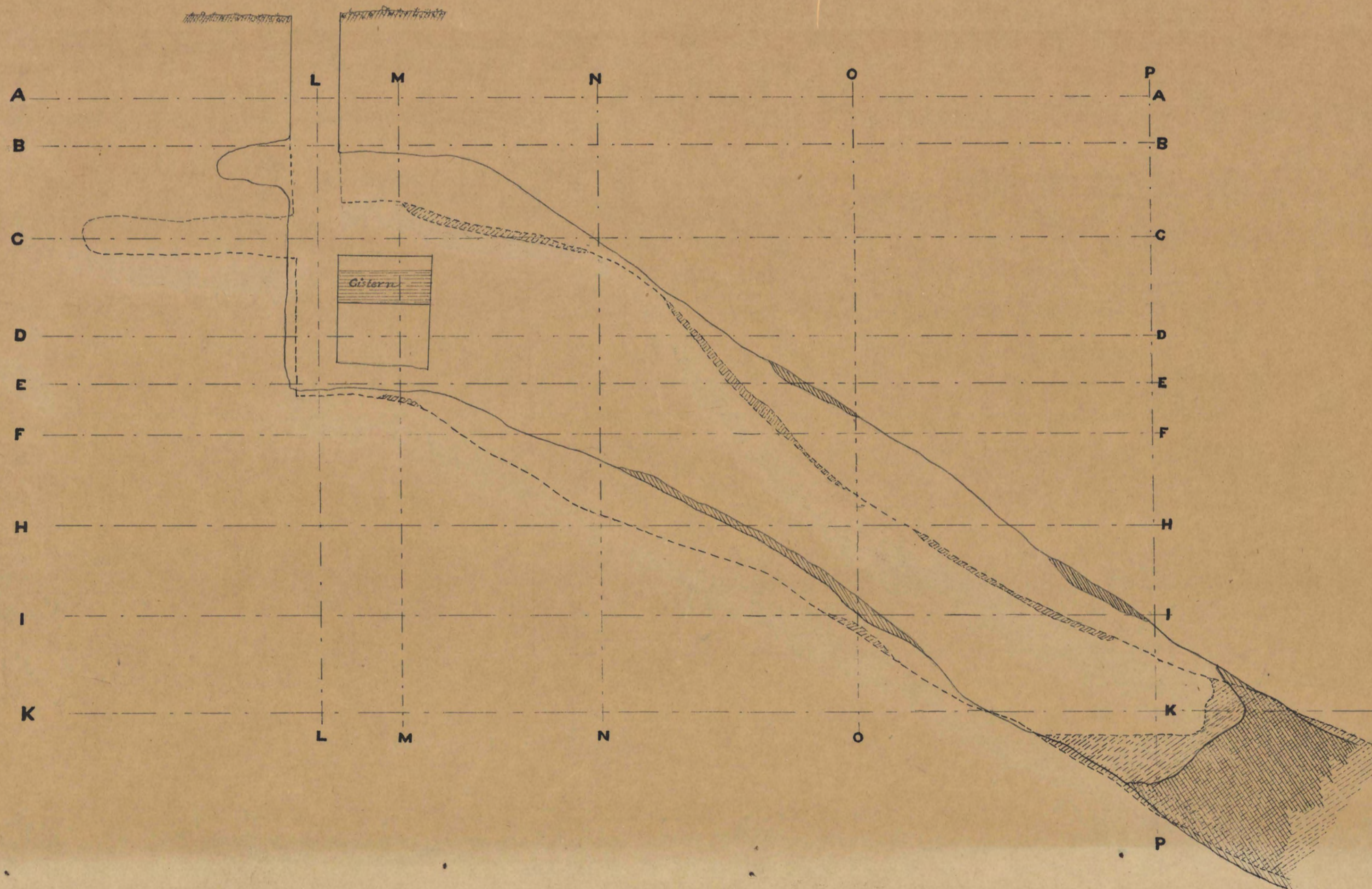
File 13

WELDON MINE

SCALE TWENTY FEET TO AN INCH

VERTICAL PROJECTION OF MINE

FULL LINES REPRESENT FOOT-WALL VEIN
DOTTED " " " " HANGING-WALL " "



7/10/13

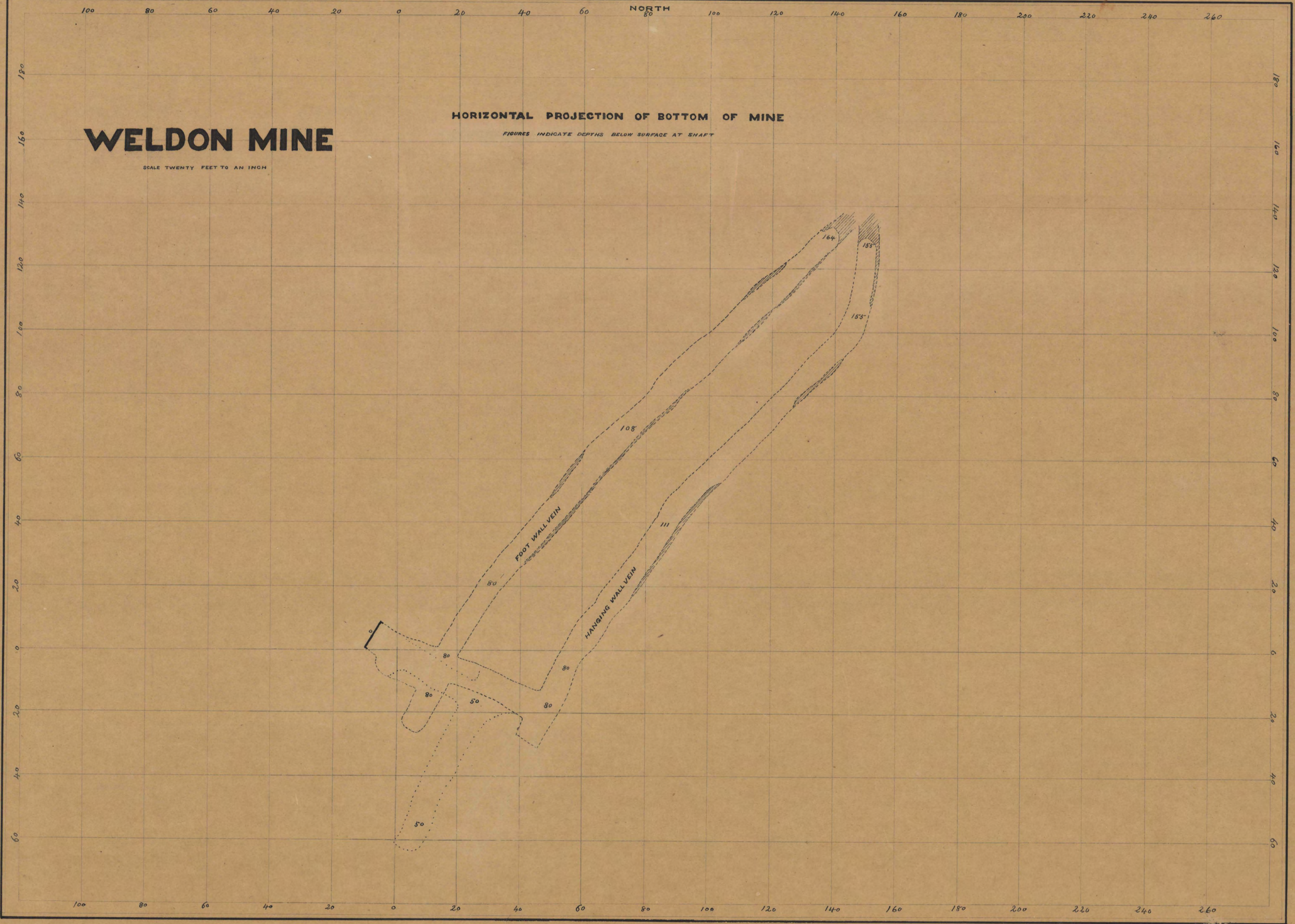
WELDON MINE

SCALE TWENTY FEET TO AN INCH

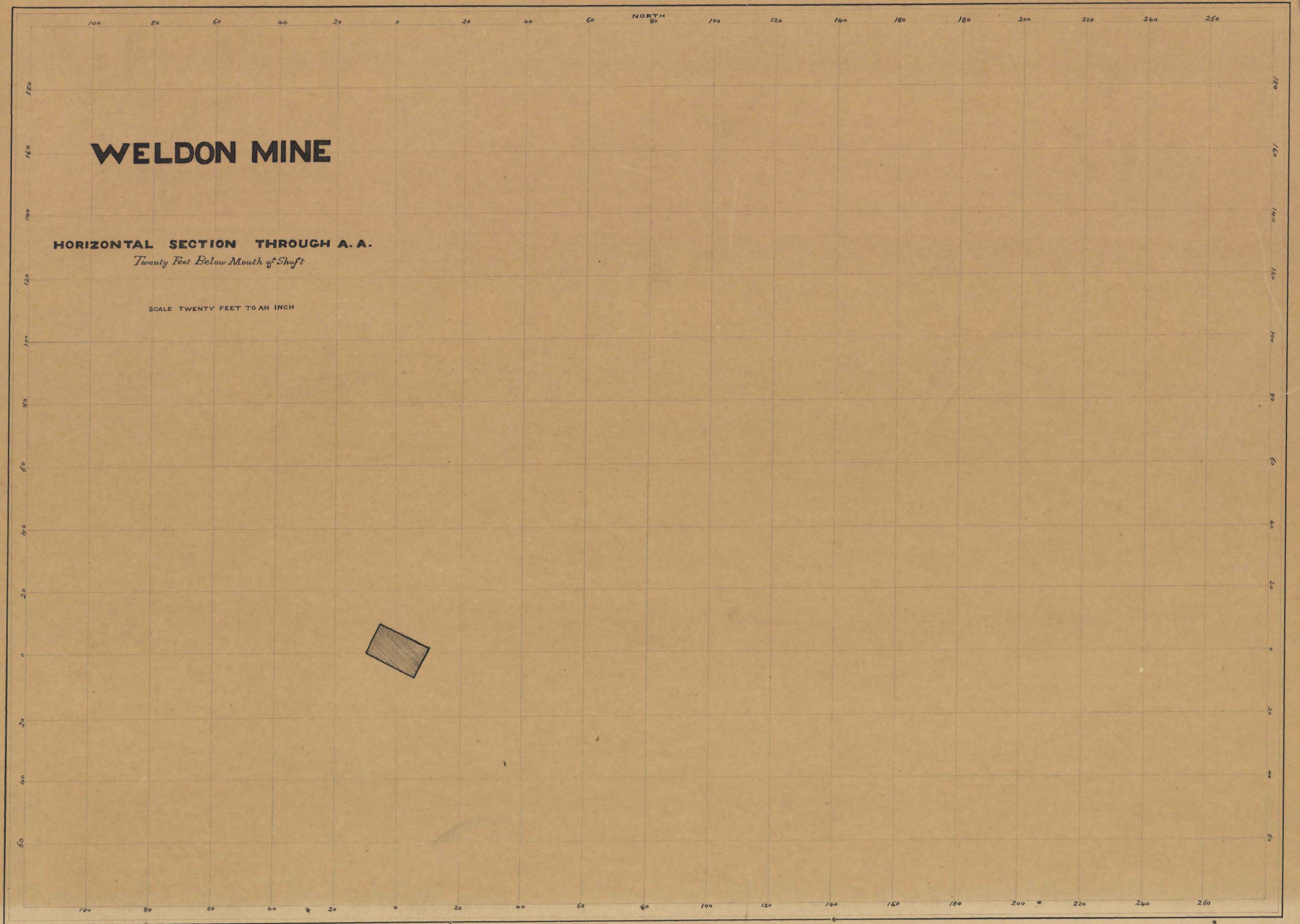
HORIZONTAL PROJECTION OF BOTTOM OF MINE

FIGURES INDICATE DEPTHS BELOW SURFACE AT SHAFT

NORTH
80°



7/10/13

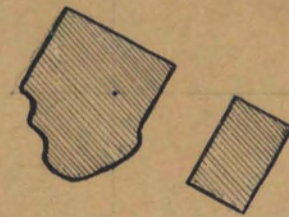


WELDON MINE

HORIZONTAL SECTION THROUGH B.B.

Thirty Feet Below Mouth of Shaft

SCALE TWENTY FEET TO AN INCH



NORTH

N

WELDON MINE

HORIZONTAL SECTION THROUGH G. C.
Forty Eight Feet Below Mouth of Shaft

SCALE TWENTY FEET TO AN INCH

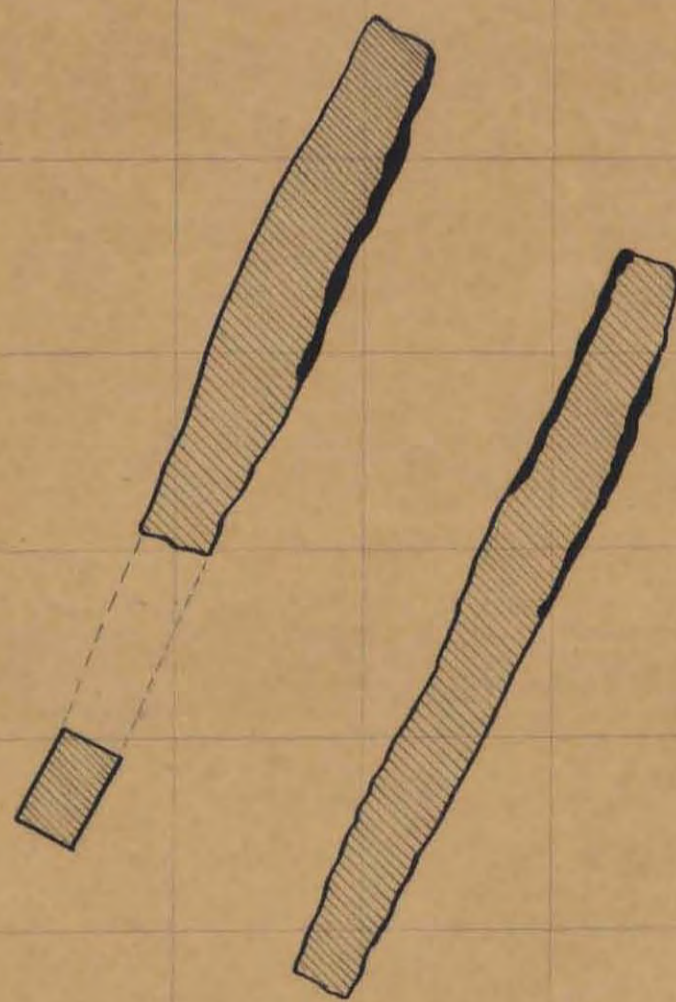


WELDON MINE

HORIZONTAL SECTION THROUGH D. D.

Seventy Feet Below Mouth of Shaft

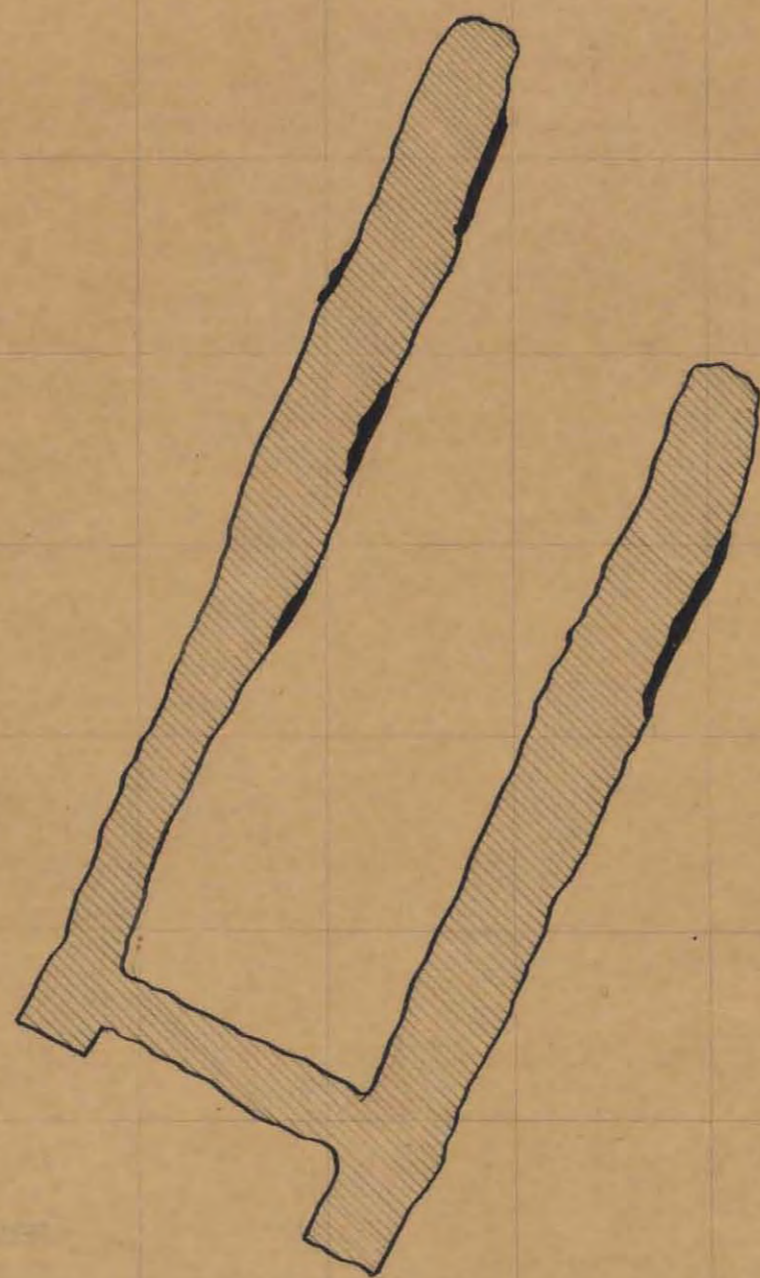
SCALE TWENTY FEET TO AN INCH



WELDON MINE

HORIZONTAL SECTION THROUGH E. E.
Eighty Feet Below Mouth of Shaft

SCALE TWENTY FEET TO AN INCH



770101 ->

100 80 60 40 20 0 20 40 60 NORTH 80 100 120 140 160 180 200 220 240 260

WELDON MINE

HORIZONTAL SECTION THROUGH F. F.
Ninety Feet Below Mouth of Shaft

SCALE TWENTY FEET TO AN INCH



180
160
140
120
100
80
60
40
20
0
20
40
60
80
100
120
140
160
180

180
160
140
120
100
80
60
40
20
0
20
40
60
80
100
120
140
160
180

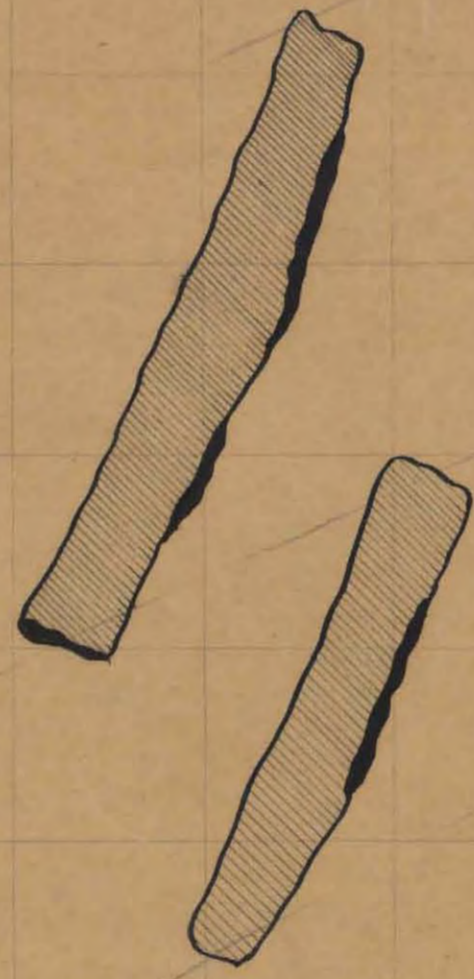
100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260

100 80 60 40 20 0 20 40 60 NORTH 80 100 120 140 160 180 200 220 240 260

WELDON MINE

HORIZONTAL SECTION THROUGH H.H.
One Hundred and Ten Feet Below Mouth of Shaft

SCALE TWENTY FEET TO AN INCH



100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260

WELDON MINE

HORIZONTAL SECTION THROUGH I.I.
*One Hundred and Thirty Feet Below
Mouth of Shaft*

SCALE TWENTY FEET TO AN INCH



WELDON MINE

HORIZONTAL SECTION THROUGH K.K.

One Hundred and Fifty Feet Below Surface at Mouth of Shaft

SCALE TWENTY FEET TO AN INCH



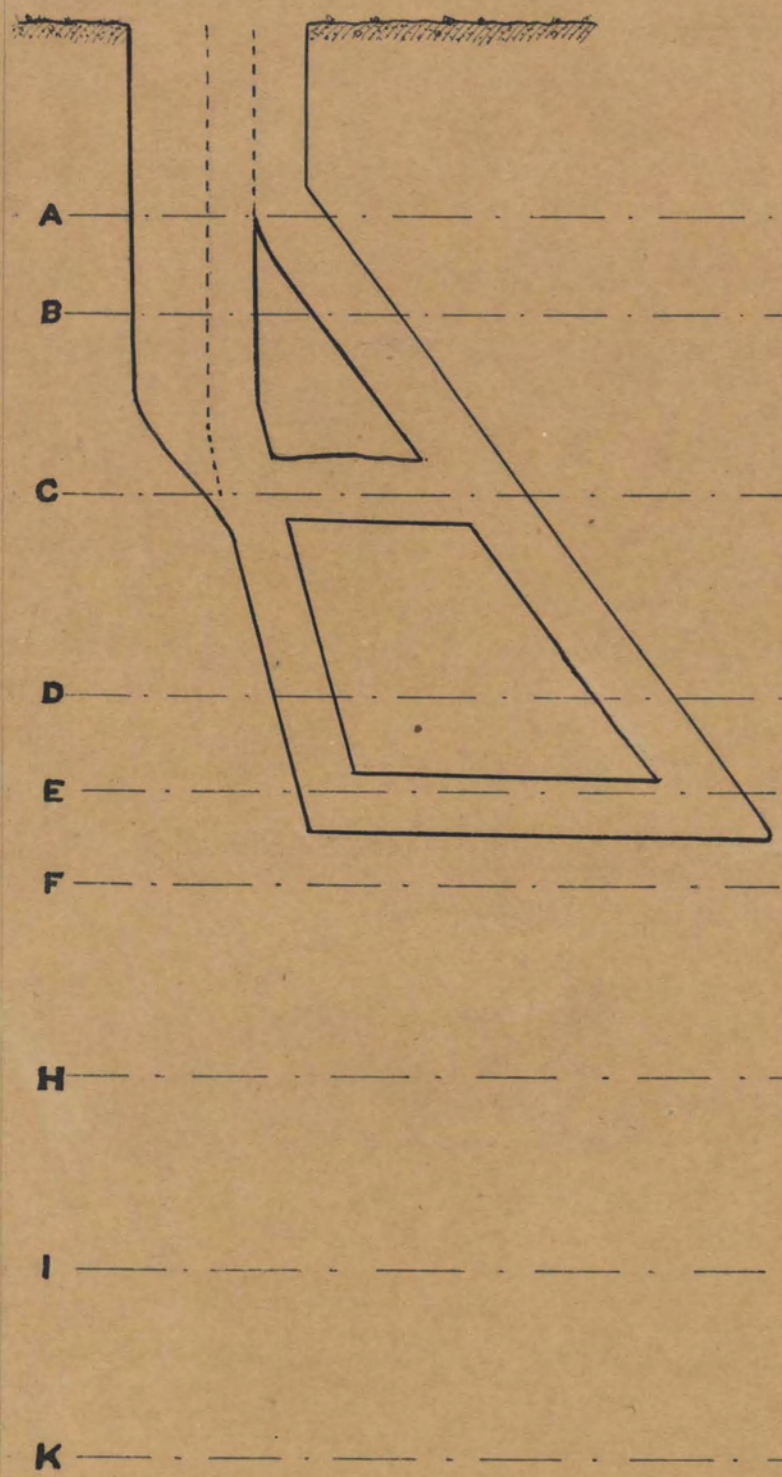
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WELDON MINE

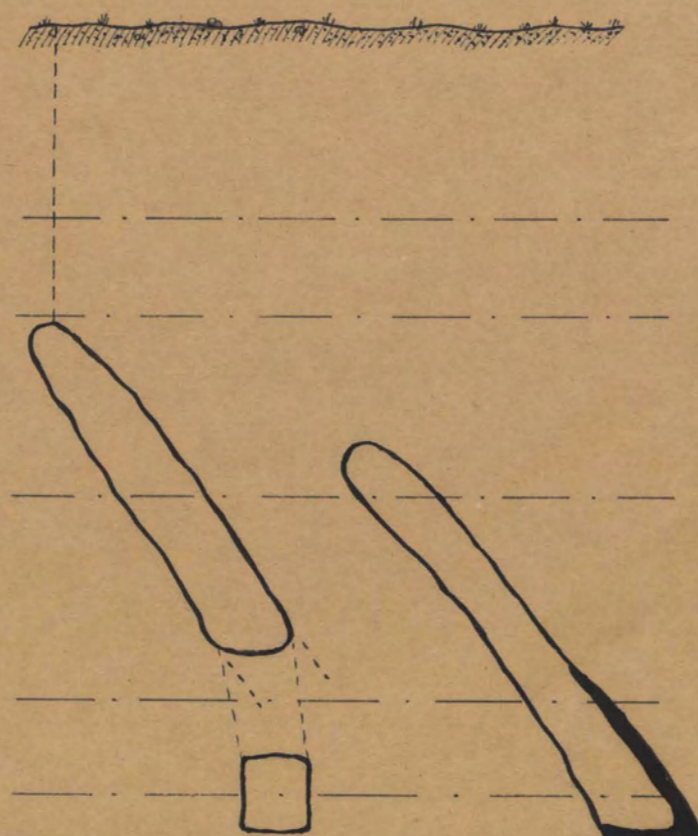
SCALE TWENTY FEET TO AN INCH

CROSS SECTIONS

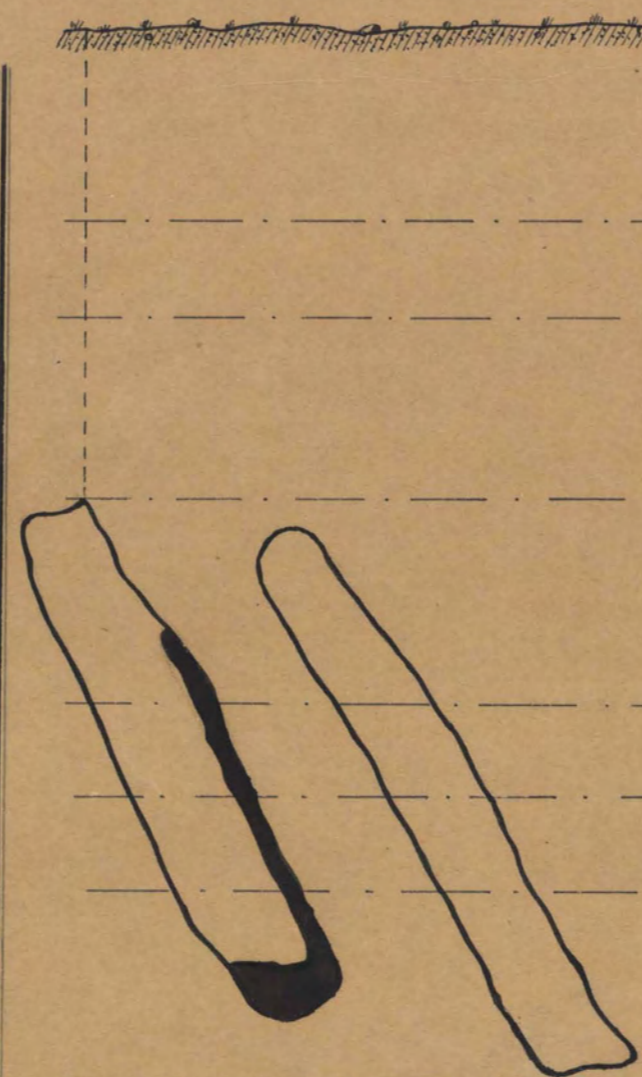
THROUGH L. L.
At Shaft



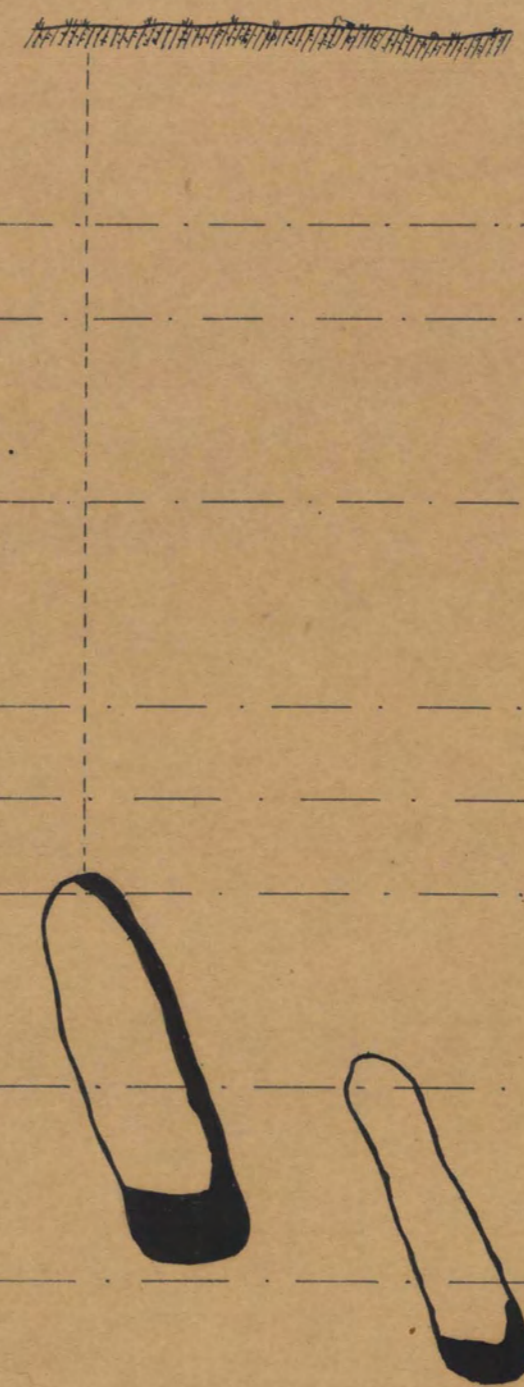
THROUGH M. M.
Twenty Feet from Shaft



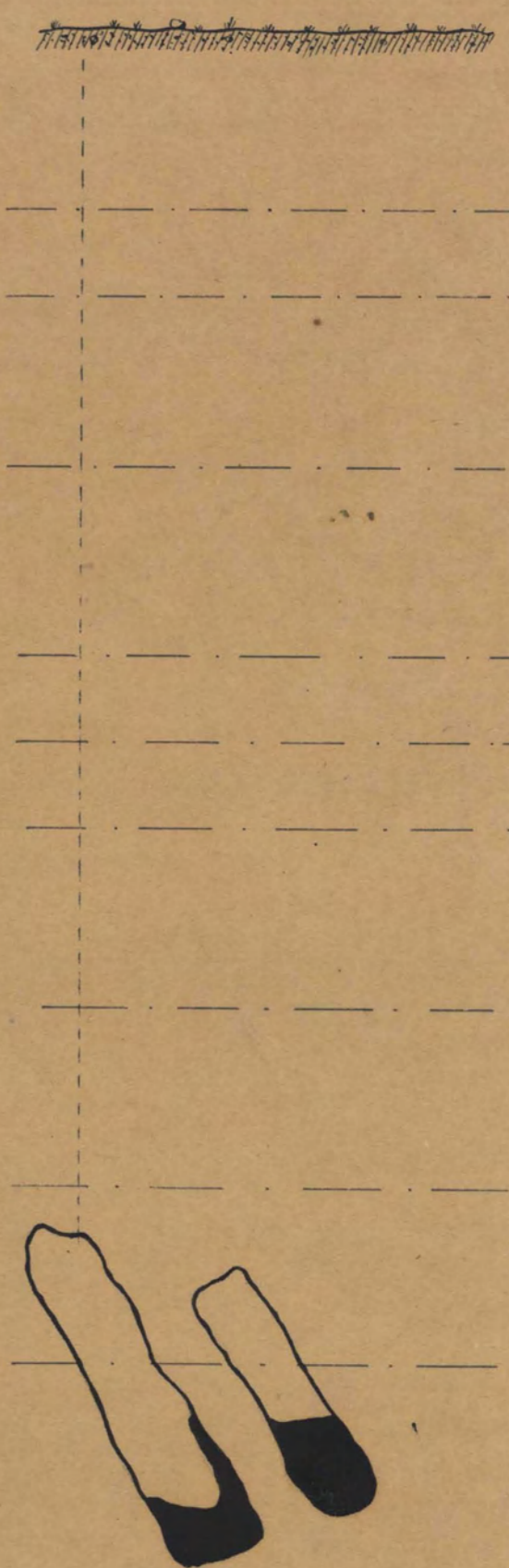
THROUGH N. N.
Sixty Feet from Shaft



THROUGH O. O.
One Hundred and Twenty Feet from Shaft



THROUGH P. P.
One Hundred and Ninety Feet from Shaft



7/10/13

WELDON MINE

SCALE TWENTY FEET TO AN INCH

HORIZONTAL PROJECTION OF BOTTOM OF MINE

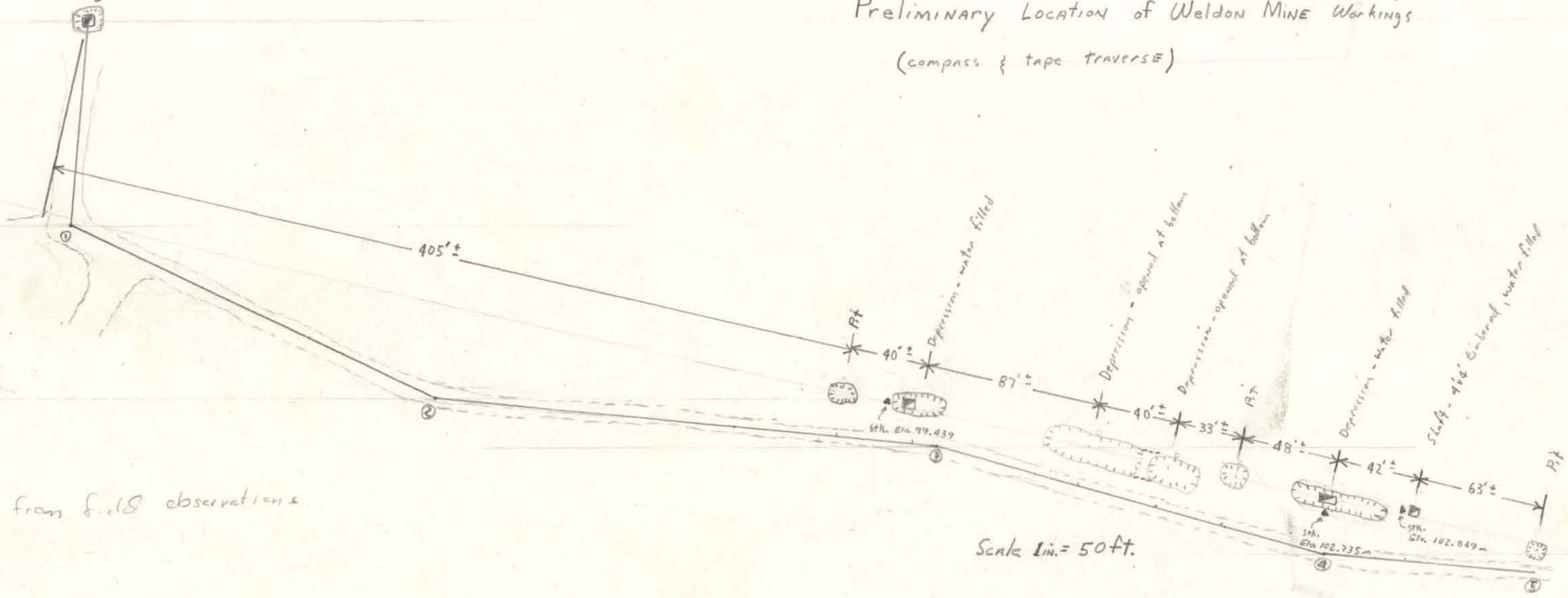
FIGURES INDICATE DEPTHS BELOW SURFACE AT SHAFT

NORTH
80



Preliminary Location of Weldon Mine Workings
 (compass & tape traverse)

PK set in stump
 Elev. 100.000m assumed
 Weldon shaft - water filled



Prepared 1980 from field observations

Scale 1 in. = 50 ft.