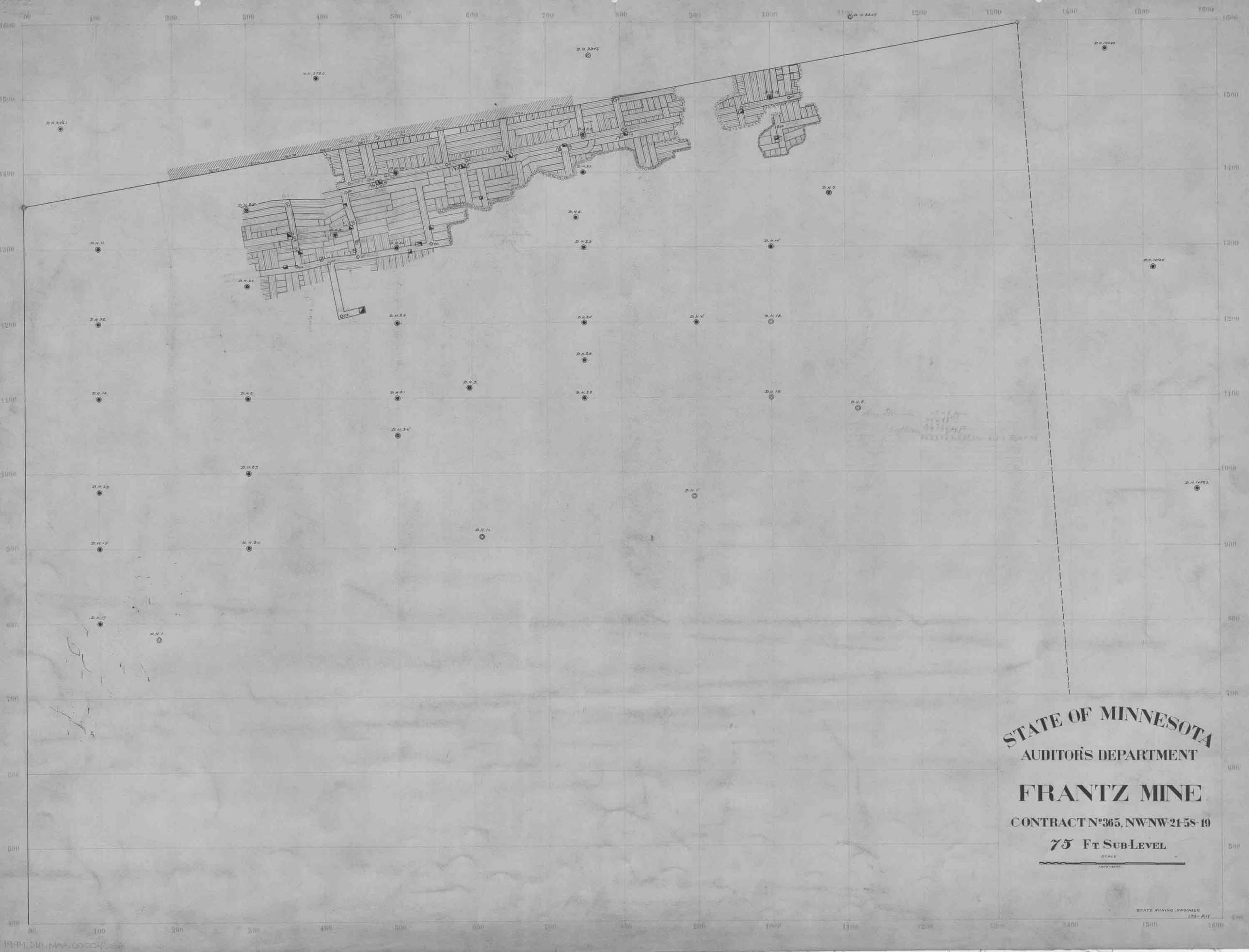
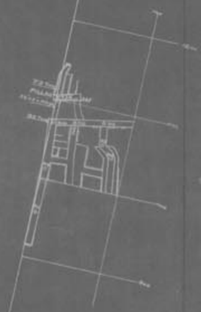

STATE OF MINNESOTA
AUDITOR'S DEPARTMENT
FRANTZ MINE
CONTRACT Nº 365, NW-NW-21-58-19
75 FT. SUB-LEVEL
SCALE
STATE MINING ENGINEER
173-A11

NE-NE-20-58-19

NW-NW-21-58-19



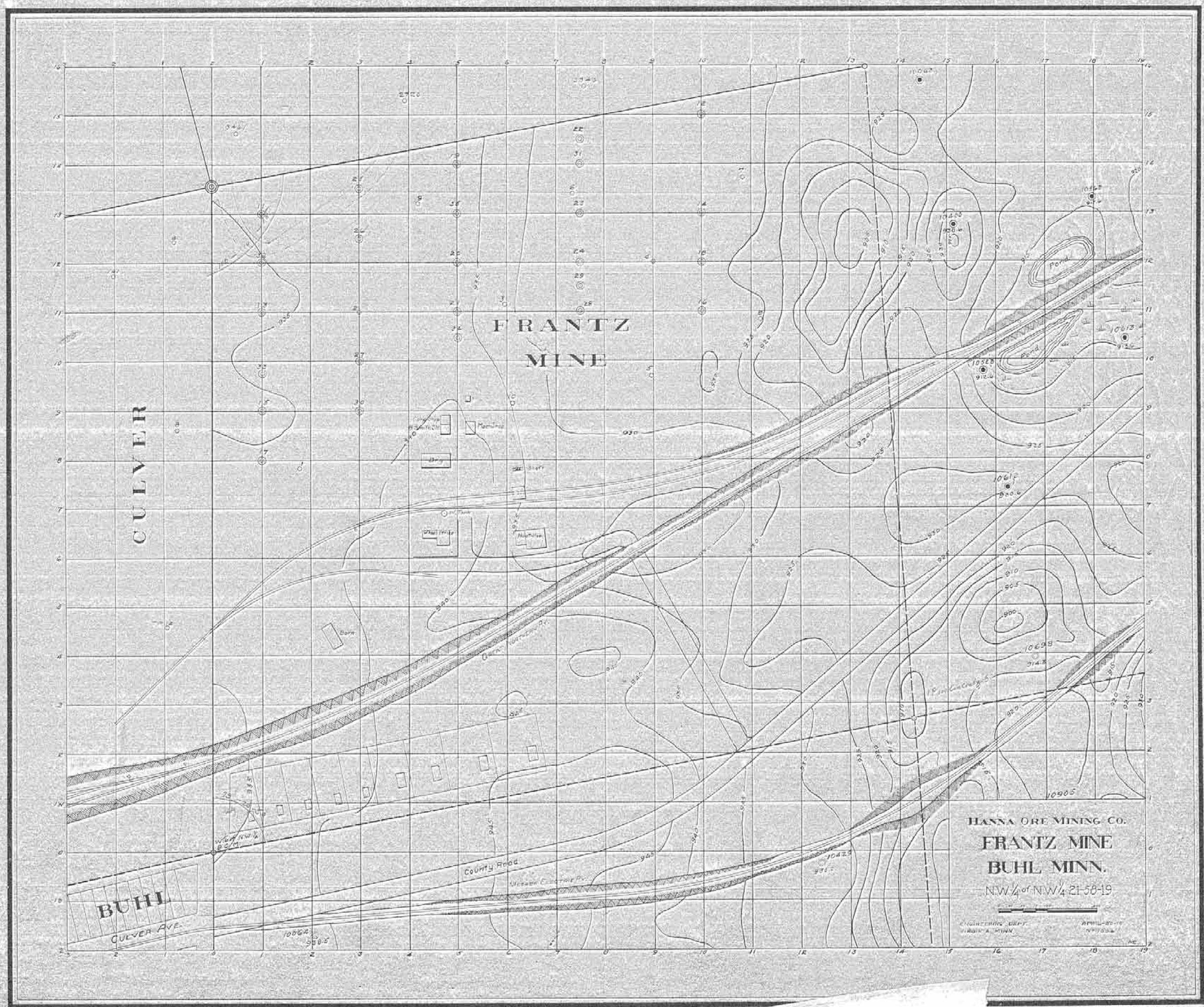
Frantz Trespass on Culver as shown on above Sketch
:- 108 Tons
Pillar to Repay above Trespass
:- 22'x 5' x 14' = 1540 cu. ft. = 108 Tons

Note:- Above Pillar removed during spring of 1920 and shipped as Frantz ore.
Ore to repay above Trespass shipped from Frantz stockpile 10/28/20
P. J. Moore

SKETCH of CULVER and FRANTZ MINES
Showing
TRESPASS of FRANTZ on CULVER
and
PILLAR LEFT TO REPAY ABOVE TRESPASS
Scale 1" = 100'
Jan. 22, 1920

P. J. Moore
for STATE OF MINNESOTA
Russell A. Anderson
for OLIVER MINING CO.
R. B. Wisdom
for HANNA ORE MINING CO.

SHIRAS
Outline of Underground Workings
Shaft
CULVER
A.I.M. Co.
Note:- = Old Drill Holes
= Proposed Drill Holes
Scale 1" = 200'
Drilling on Shiras - Ol. M. Co.
Drilling on NE-NW Sec 21 - A.I.M. Co.
Drilling on Culver 40 NE-NE 20-58-19 by O.I.M. Co.
EXPLORATIONS
FRANTZ MINE
NW¼-NW¼-21-58-19
BUHL, MINN.
SCALE
Map 1" = 200'
Sections 1" = 40'
Virginia, Minn.
M. A. HANNA CO.
Engineering Dept.
No. 220


FRANTZ
MINE
CULVER
BUHL
CULVER AVE.
County Road
Barn
Pond
HANNA ORE MINING CO.
FRANTZ MINE
BUHL, MINN.
N.W.¼ of N.W.¼ 21-58-19

PLAT
of
NW¼ of NW¼ of Sec 21, 58-19
SHOWING LOCATION OF DRILL HOLES
Scale 1" = 60 ft

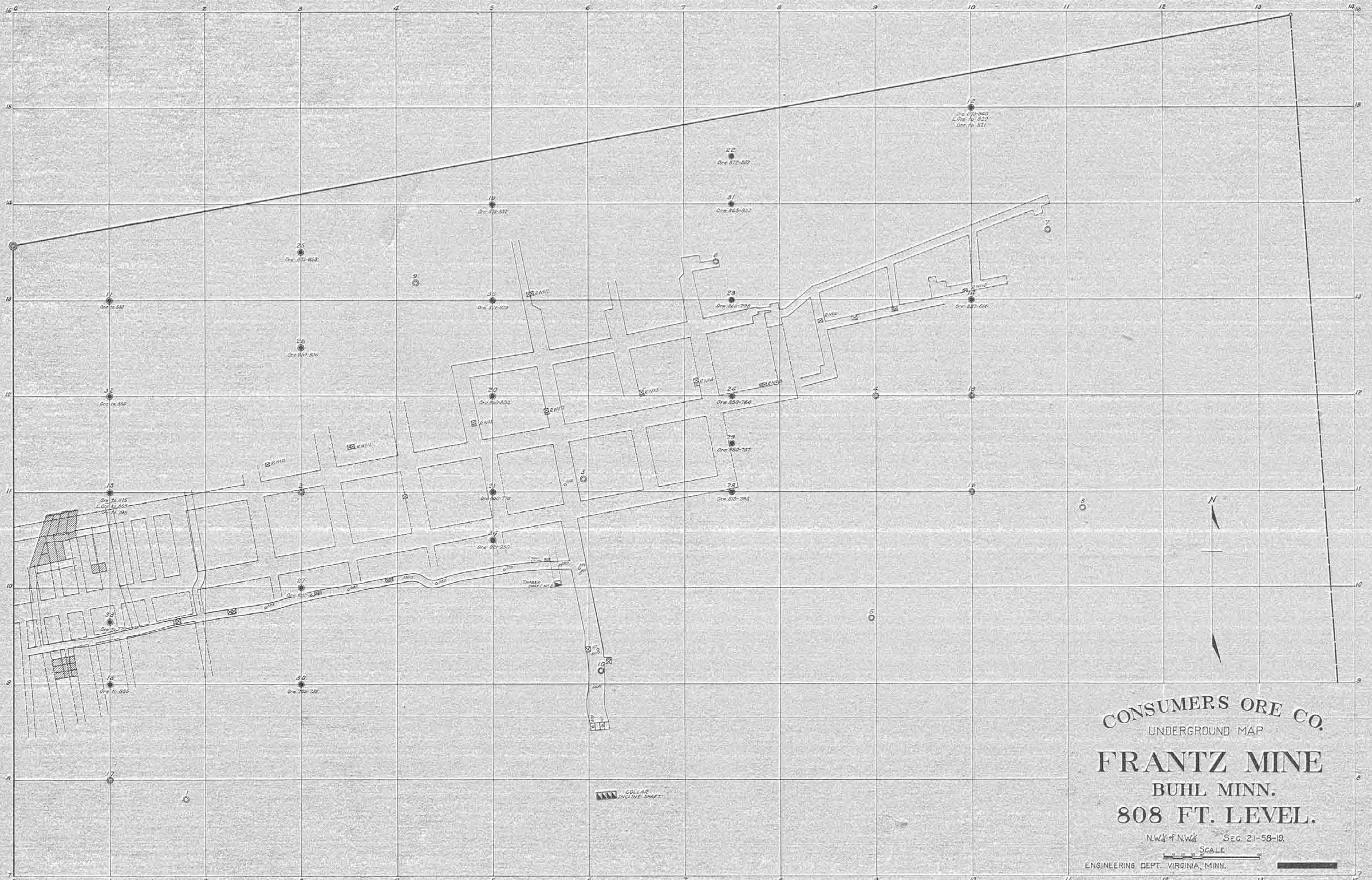
VERTICAL SECTION OF DRILL HOLES
SCALE 1=20

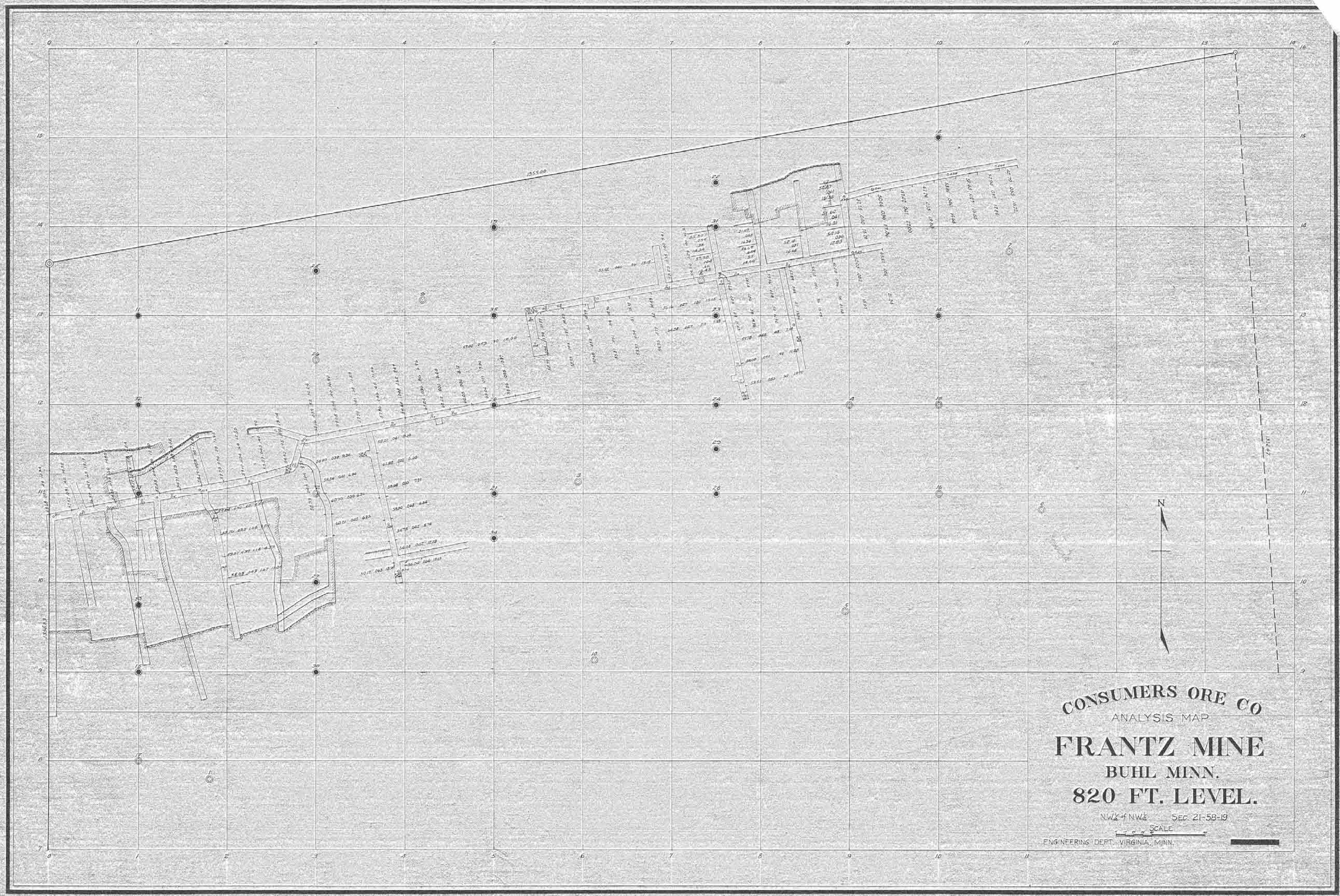
3,200,000 Tons
Estimated
Mining Engineer

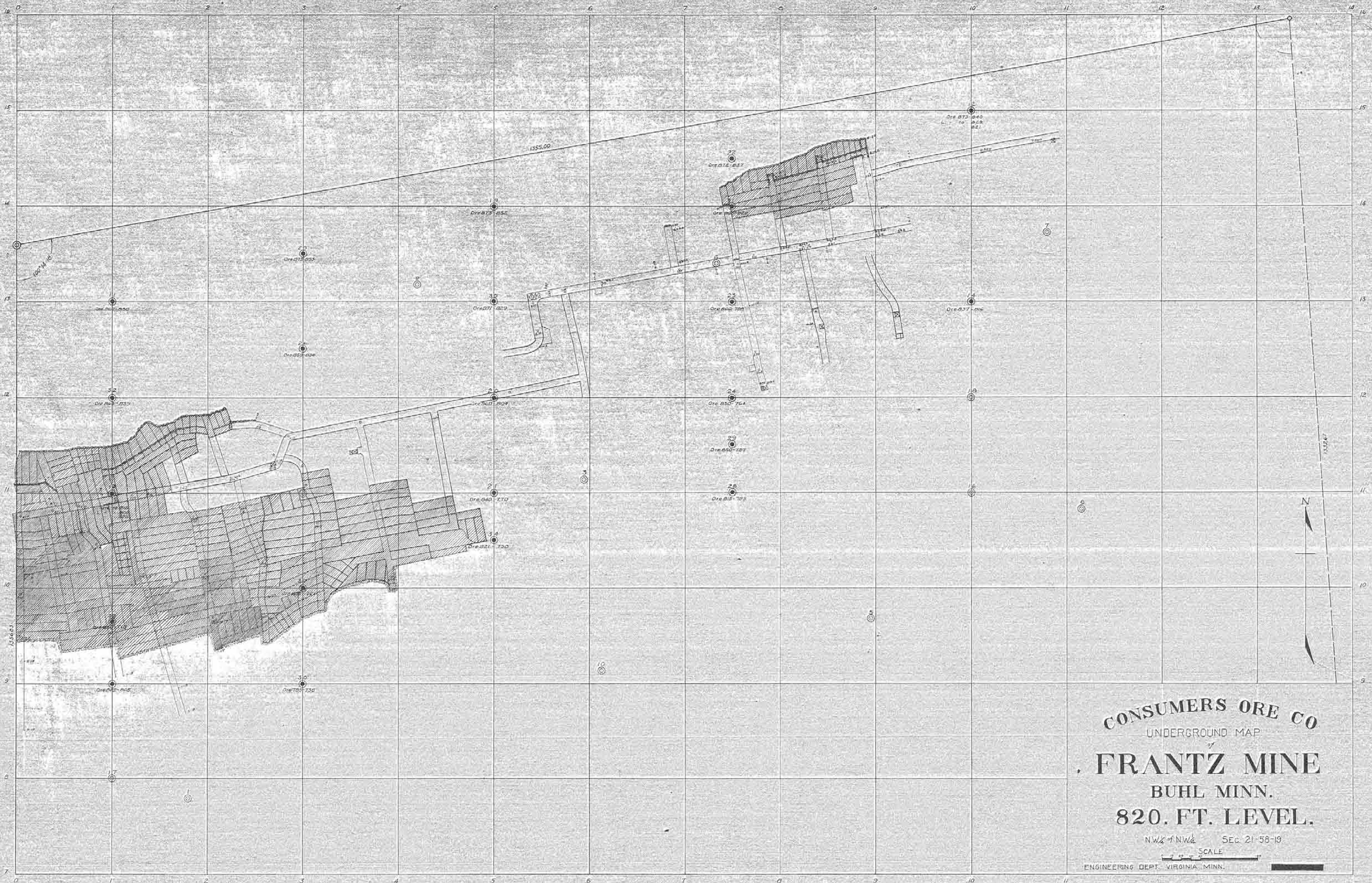
M. A. HANNA & CO.
Engineering Dept.
By ETJ No. 79

HANNA ORE MINING CO.
SURFACE MAP OF THE
FRANTZ MINE
BUHL, MINN.
N.W.¼ OF N.W.¼ 21-58-19
ENGINEERING DEPT.
VIRGINIA, MINN.
N
GREAT NORTHERN POWER LINE
NEW POWER LINE TO VIRGINIA AND THORNE MINES
COUNTY ROAD
Frantz Mine Location
Timber Shaft (Closed)
MAIN TRACK
FRANTZ HEADFRAME
TRANSFORMER STATION
HOISTHOUSE
OFFICE
TANK
Stock Pile
1032.67
1035.00
1045.87
1050
1069

N
CONSUMERS ORE CO.
UNDERGROUND MAP OF
FRANTZ MINE
777 FT. LEVEL
BUHL MINN.
NW¼ NW¼ Sec 21-58-19
SCALE 1" = 40'
ENGINEERING DEPT.
VIRGINIA MINN.
No 934

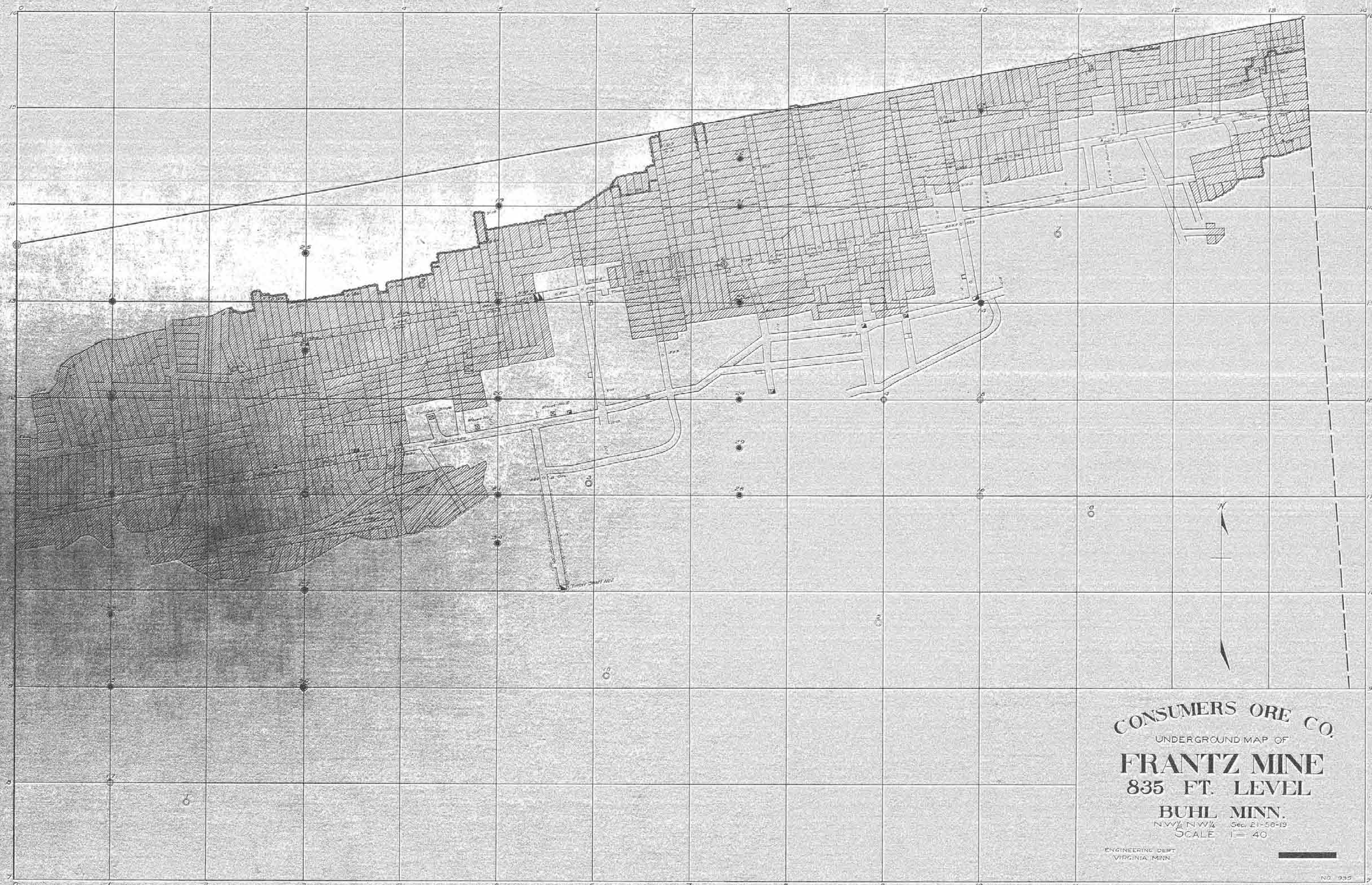

CONSUMERS ORE CO.
UNDERGROUND MAP
FRANTZ MINE
BUHL MINN.
808 FT. LEVEL.
N.W.¼ of N.W.¼ SEC. 21-58-19.
SCALE
ENGINEERING DEPT. VIRGINIA, MINN.
N
COLLAR INCLINE SHAFT


CONSUMERS ORE CO
ANALYSIS MAP
FRANTZ MINE
BUHL MINN.
820 FT. LEVEL.
N.W.¼ of N.W.¼ SEC. 21-58-19
SCALE
ENGINEERING DEPT. VIRGINIA, MINN.
N


1355.00
N
CONSUMERS ORE CO
UNDERGROUND MAP
of
FRANTZ MINE
BUHL MINN.
820. FT. LEVEL.
N.W.¼ of N.W.¼ SEC. 21-58-19
SCALE
ENGINEERING DEPT. VIRGINIA MINN.

CONSUMERS ORE CO.
ANALYSIS MAP
FRANTZ MINE
835 FT. LEVEL
NW¼ NW¼ Sec 21-58-19
SCALE 1 — 20
ENGINEERING DEPT
VIRGINIA MINN.
N

N
CONSUMERS ORE CO.
ANALYSIS MAP
FRANTZ MINE
835 FT. LEVEL
N.W.¼-N.W.¼ Sec. 21-58-19
Scale: 1" = 20'
Engr. Dept.
Virginia, Minn.


Timber Shaft No 2
N
CONSUMERS ORE CO.
UNDERGROUND MAP OF
FRANTZ MINE
835 FT. LEVEL
BUHL MINN.
NW¼ NW¼ Sec. 21-58-19
SCALE 1" = 40'
ENGINEERING DEPT
VIRGINIA, MINN
NO. 935

CONSUMERS' ORE CO
ANALYSIS MAP
FRANTZ MINE
850 FT. LEVEL
SCALE 1 = 20
ENGINEERING DEPT.
VIRGINIA, MINN.
N
Timber Chute
No 240

No 2 North
No 1 North
Raise A
CONSUMERS ORE CO
ANALYSIS MAP
FRANTZ MINE
850 FT. LEVEL
SCALE 1 = 20
ENGINEERING DEPT.
VIRGINIA MINING