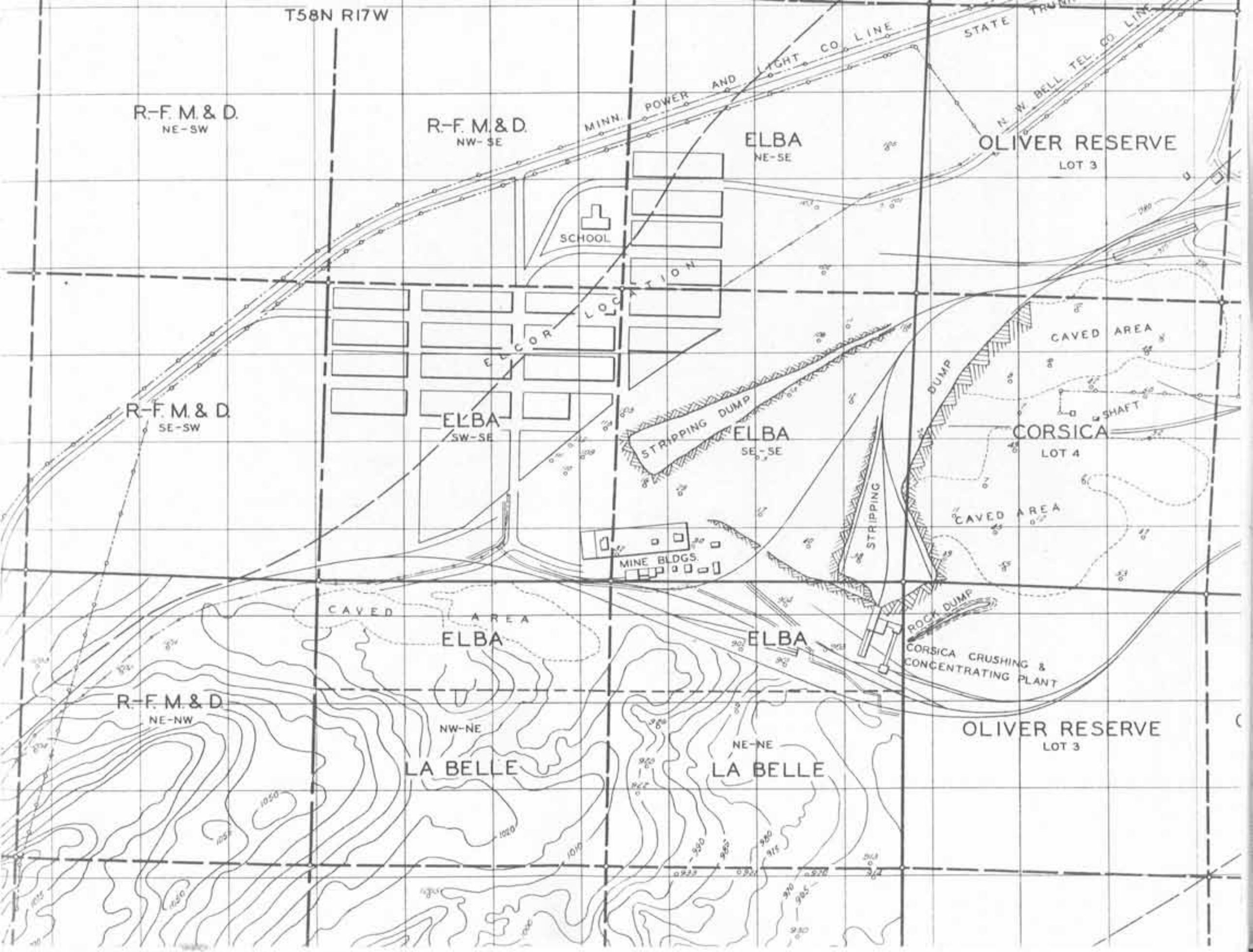
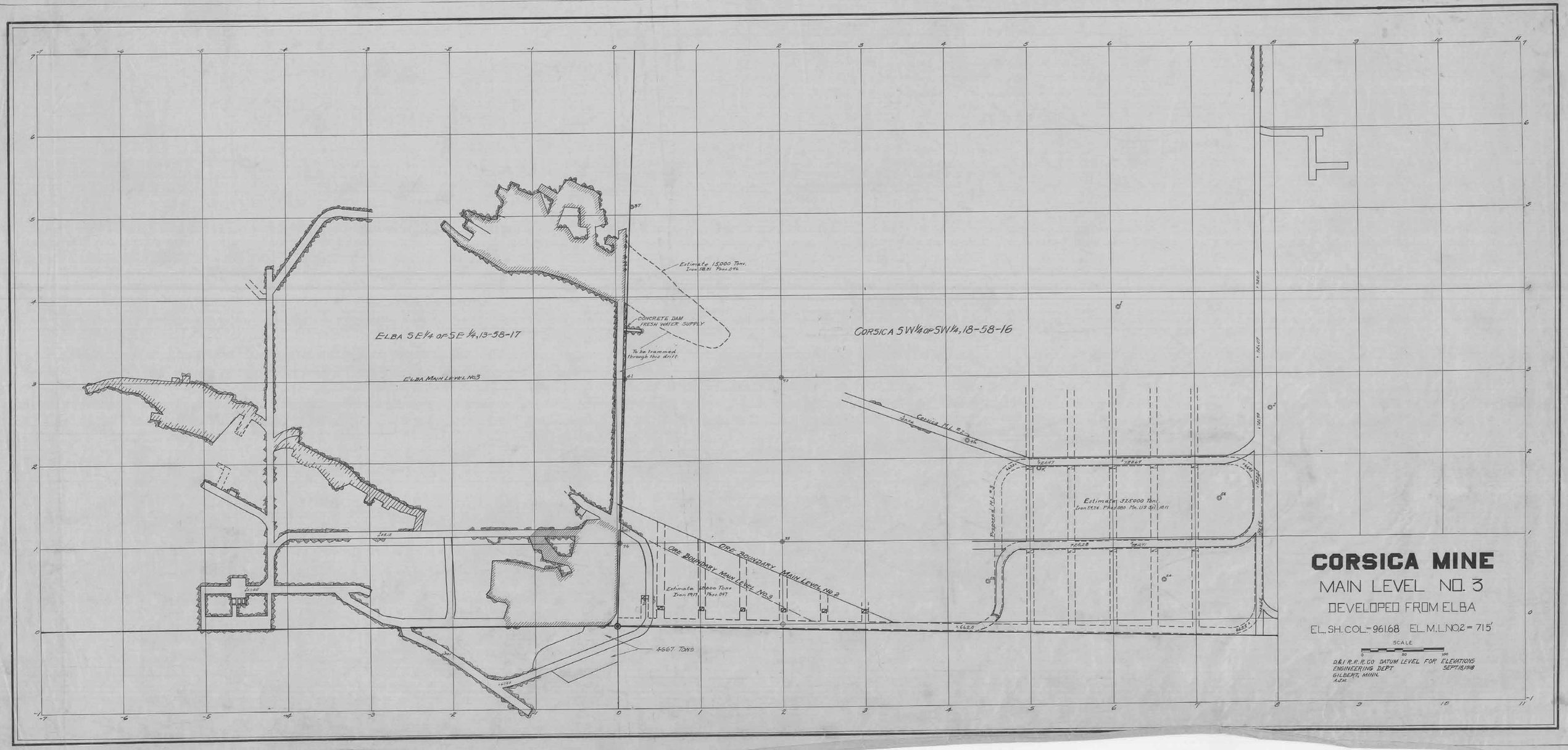
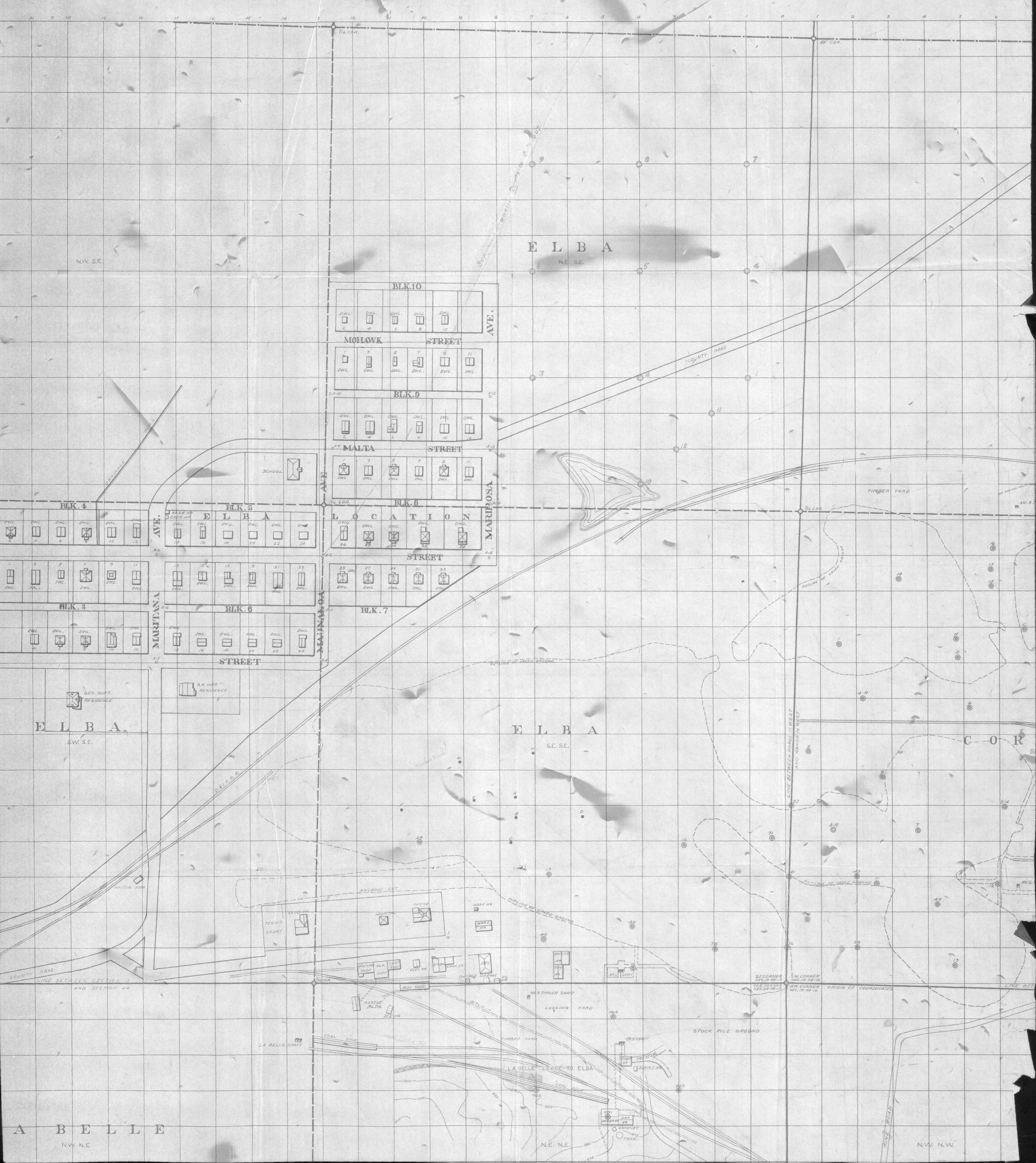
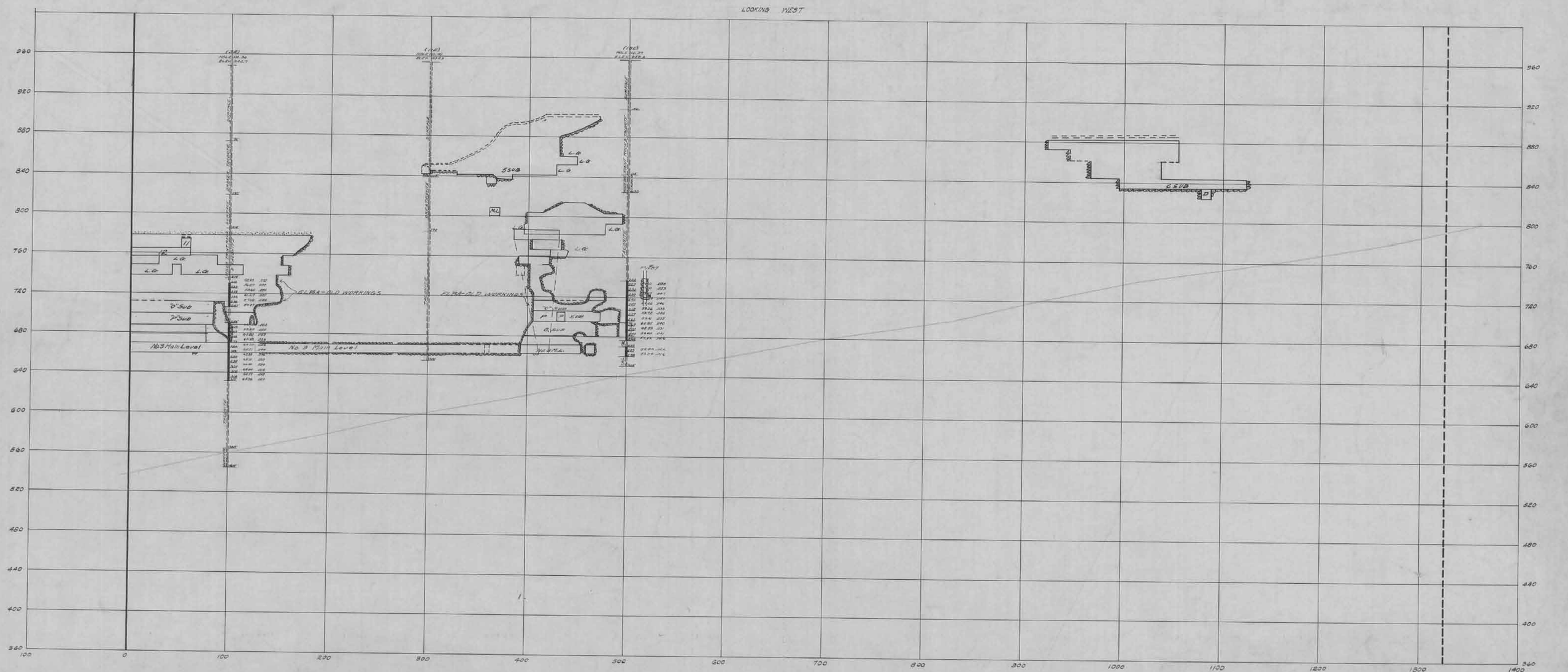

T58N R17W
R-F. M. & D.
NE-SW
R-F. M. & D.
NW-SE
MINN. POWER AND LIGHT CO. LINE
STATE TRUNK
N. W. BELL TEL. CO. LINE
ELBA
NE-SE
OLIVER RESERVE
LOT 3
SCHOOL
ELCOR LOCATION
CAVED AREA
R-F. M. & D.
SE-SW
ELBA
SW-SE
STRIPPING DUMP
ELBA
SE-SE
DUMP
SHAFT
CORSICA
LOT 4
STRIPPING
CAVED AREA
MINE BLDGS.
CAVED AREA
ELBA
ELBA
ROCK DUMP
CORSICA CRUSHING & CONCENTRATING PLANT
R-F. M. & D.
NE-NW
NW-NE
LA BELLE
NE-NE
LA BELLE
OLIVER RESERVE
LOT 3


CORSICA MINE
MAIN LEVEL NO. 3
DEVELOPED FROM ELBA
EL. SH. COL. = 961.68 EL. M.L. NO.2 = 715'
SCALE
0 50 100
D.&I.R.R.R.CO DATUM LEVEL FOR ELEVATIONS
ENGINEERING DEPT.
GILBERT, MINN.
A.J.H.
SEPT 18, 1918
ELBA SE 1/4 OF SE 1/4, 13-58-17
CORSICA SW 1/4 OF SW 1/4, 18-58-16
ELBA MAIN LEVEL NO.3
CONCRETE DAM
FRESH WATER SUPPLY
To be trammed through this drift.
Estimate 15,000 Tons.
Iron 58.31 Phos. .096
ORE BOUNDARY MAIN LEVEL NO.3
ORE BOUNDARY MAIN LEVEL NO.2
Estimate 12,000 Tons
Iron 59.17 Phos. .047
Estimate 325,000 Tons.
Iron 54.36 Phos. .080 Mn. 1.19 Si 1.81
4667 TONS
CORSICA M.L. NO.2
Prospect M.L. NO.3


ELBA
N.W. S.E.
N.E. S.E.
S.W. S.E.
S.E. S.E.
N.W. N.E.
N.E. N.E.
N.W. N.W.
BLK.10
MOHAWK STREET
BLK.9
MALTA STREET
BLK.8
BLK.5
BLK.4
BLK.3
BLK.6
BLK.7
ELBA LOCATION
MARIPOSA AVE.
MARITANA AVE.
MAUNALOA
STREET
SCHOOL
DRAINAGE DITCH
COUNTY ROAD
TIMBER YARD
OUTLINE OF CAVED GROUND
GEN. SUPT. RESIDENCE
A.G. SUPT. RESIDENCE
D.&I.R.R.R.
WAITING ROOM
RAILROAD CUT
TENNIS COURT
CLUB HQ
HOSPITAL
OFFICE
HOSE HQ
WARE HQ
MACHINE SHOP
BLK. SHOP
CARP. SHOP
ELEC. HQ
STABLE
CARR. HQ
GARAGE
BOILER HQ
ENG. HQ
SHAFT
IRON SHED
RESCUE BLDG.
ICE HQ
LA BELLE SHAFT
COAL DOCK
LA BELLE LEASE TO ELBA
LAGGING YARD
STOCK PILE GROUND
No.3 TIMBER SHAFT
No.3 SHAFT
TRESTLE
SAMPLE HQ
BOILER HQ
ENG. HQ
CHIMNEY
TANK
LINE BETWEEN SECTION 13 AND SECTION 24
LINE BETWEEN RANGE 17 WEST AND RANGE 16 WEST
SE. CORNER SEC. 13-38-17
S.W. CORNER SEC. 18-38-16
N.E. CORNER SEC. 24-38-17
N.W. CORNER SEC. 19-38-16
ORIGIN OF COORDINATES
MINE ROAD
No.2
No.3
1/16 COR.
1/4 COR.

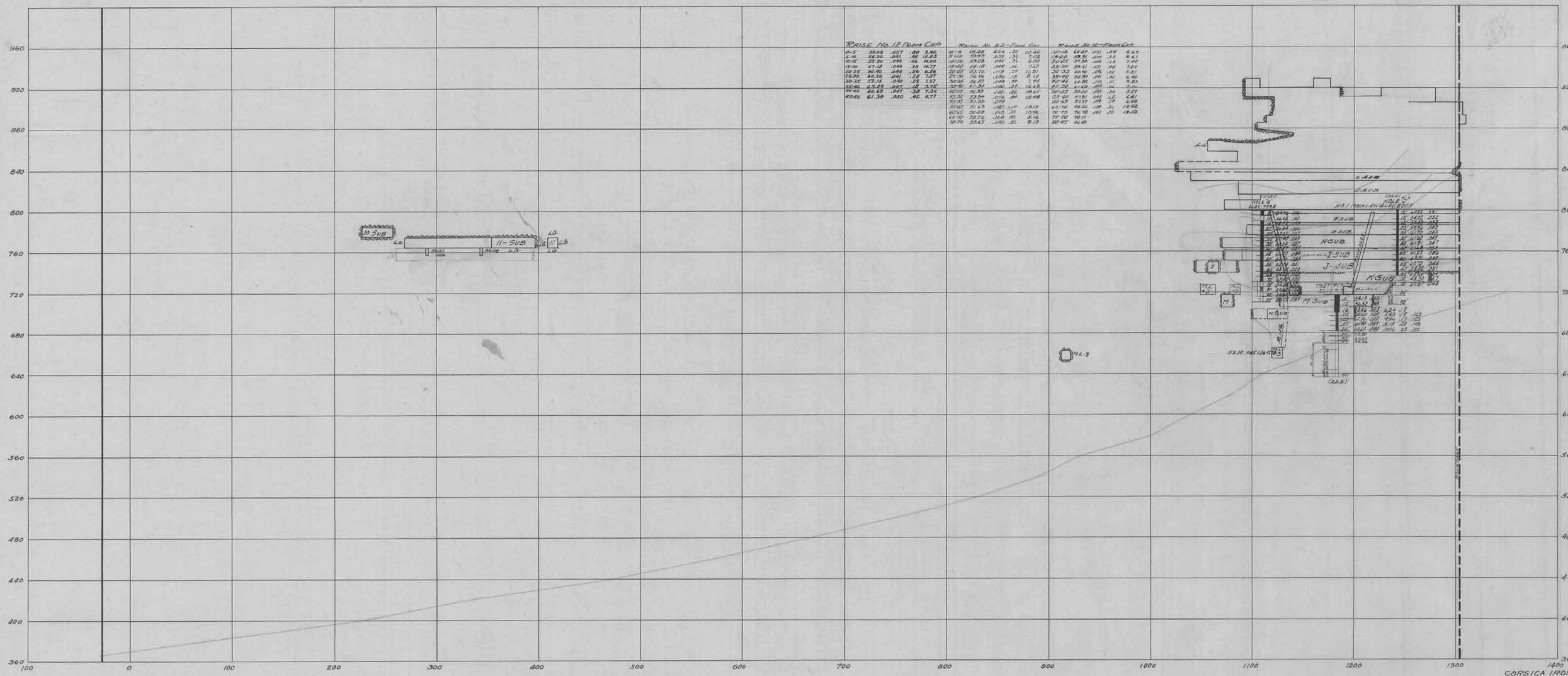
SEC. 0 E



CORSICA IRON CO.
CORSICA MINE
SW-SW SEC 18-58-16 MINN
GILBERT OFFICE
SCALE 1"=40'

SEC. 1000 E

LOOKING WEST.



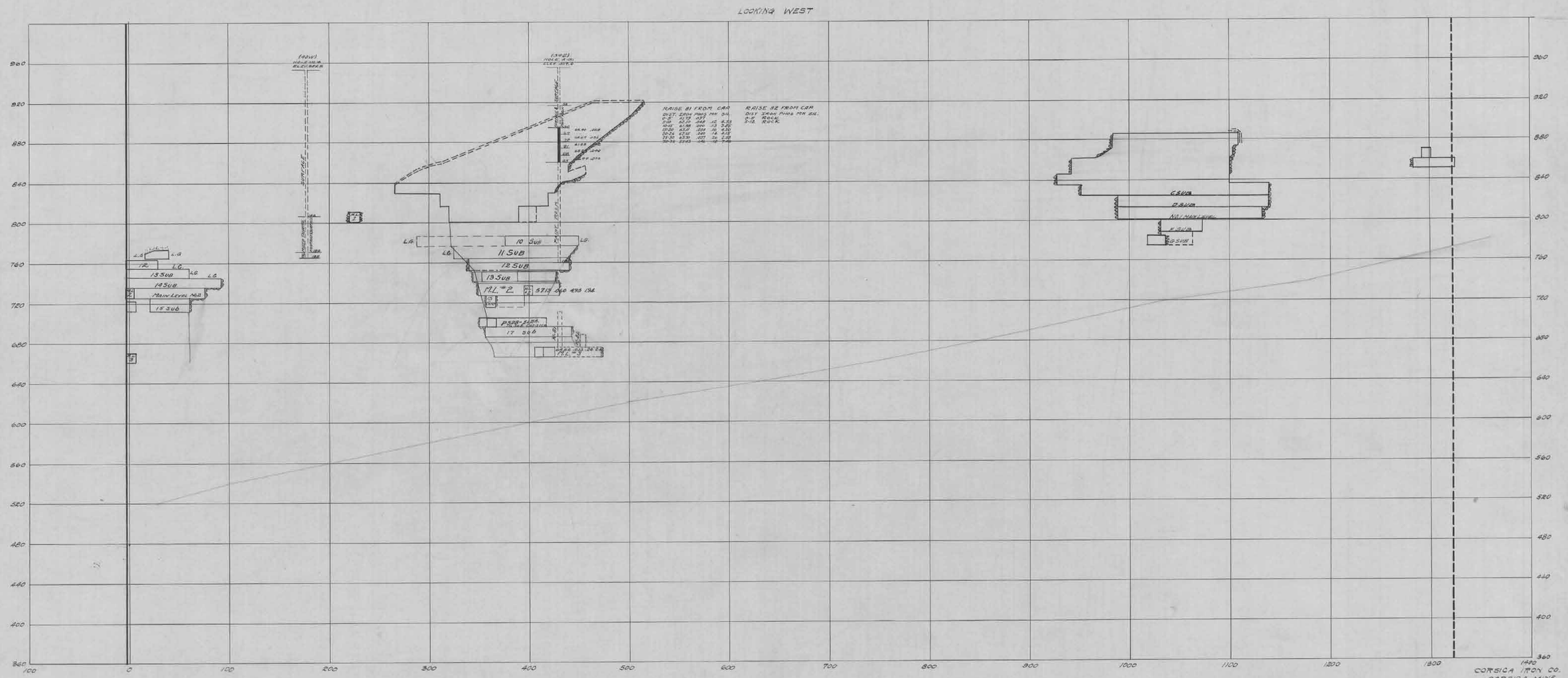
RAISE NO. 12 FROM CAP				
0-5	36.82	.057	.89	9.46
5-10	36.30	.041	.48	12.83
10-15	35.20	.046	.46	14.00
15-20	47.18	.046	.38	14.77
20-25	60.70	.044	.26	6.44
25-30	46.36	.041	.26	7.87
30-35	37.16	.040	.29	7.57
35-40	43.89	.047	.14	7.75
40-45	60.69	.047	.38	7.34
45-50	61.34	.050	.42	14.77

RAISE NO. 12 - FROM CAP				
0-5	55.25	.036	.30	10.60
5-10	59.93	.035	.35	7.02
10-15	59.29	.045	.35	6.00
15-20	62.10	.044	.36	7.53
20-25	63.72	.119	.29	12.91
25-30	56.16	.036	.16	8.10
30-35	56.87	.049	.39	7.95
35-40	67.34	.030	.04	16.68
40-45	76.53	.140	.82	18.65
45-50	53.94	.076	.84	12.98
50-55	57.38	.079		
55-60	51.43	.083	.19	13.15
60-65	50.09	.063	.20	15.96
65-70	52.76	.164	.95	8.16
70-75	53.43	.082	.52	8.13

RAISE NO. 12 - FROM CAP				
50-55	60.67	.035	.48	6.43
55-60	58.31	.039	.33	8.41
60-65	57.34	.039	.26	7.40
65-70	59.31	.031	.48	3.20
70-75	60.98	.054	.30	5.21
75-80	58.91	.011	.40	6.46
80-85	60.85	.033	.31	9.83
85-90	61.60	.044	.24	3.06
90-95	59.00	.055	.36	5.69
95-100	57.91	.045	.55	6.81
100-105	57.57	.079	.59	6.48
105-110	56.62	.108	.32	18.42
110-115	56.78	.085	.33	19.03
115-120	58.11			
120-125	46.45			

CORSICA IRON CO
CORSICA MINE
S.W.-S.W. SEC 18-58-16 MINN.
GILBERT OFFICE
SCALE 1"=40'

SEC. 100 E



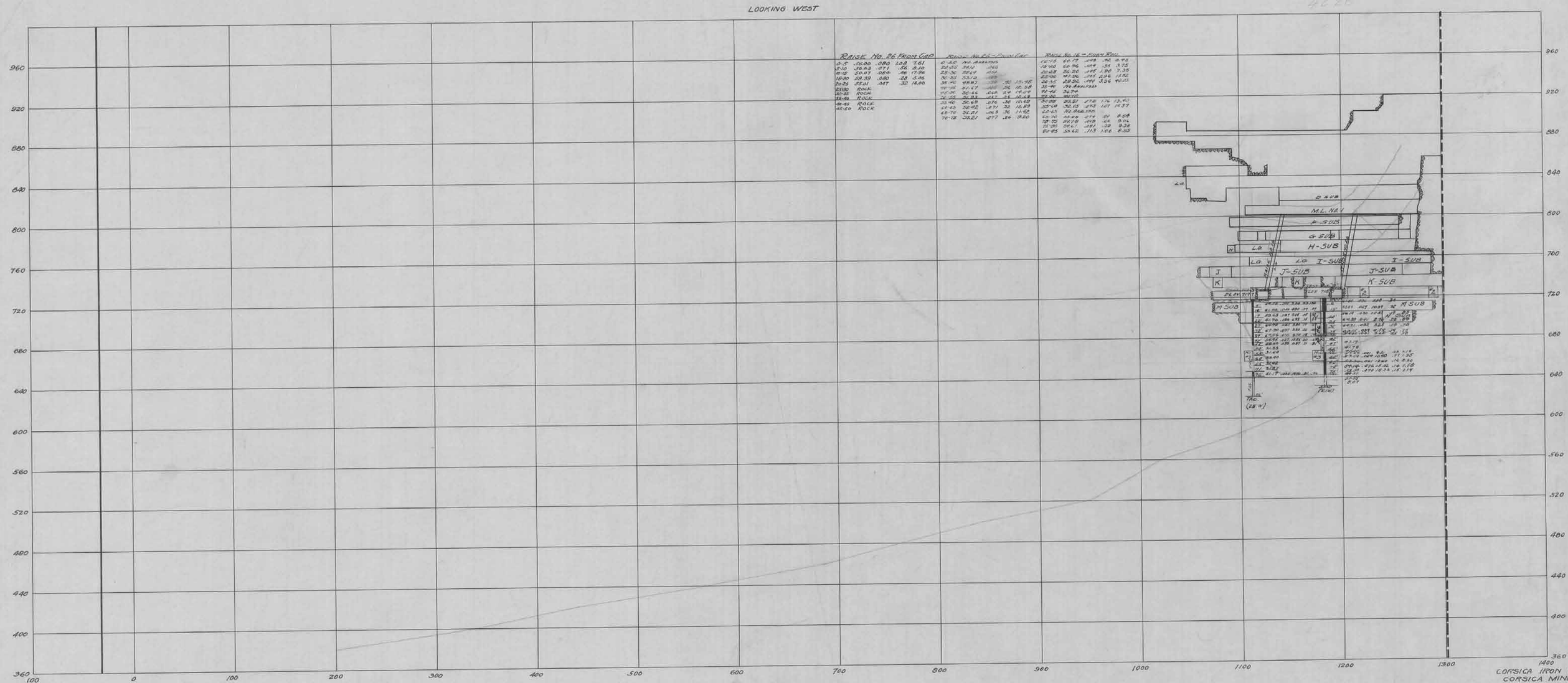
CORSICA IRON CO.
CORSICA MINE
SW-SW SEC 18-38-16 MINI
GILBERT OFFICE
SCALE 1" = 40'

SEC. 1100 E

CORSICA IRON CO
CORSICA MINE
S.W.-S.W. SEC. 18-53-16 MINN
GILBERT OFFICE
SCALE 1" = 40'

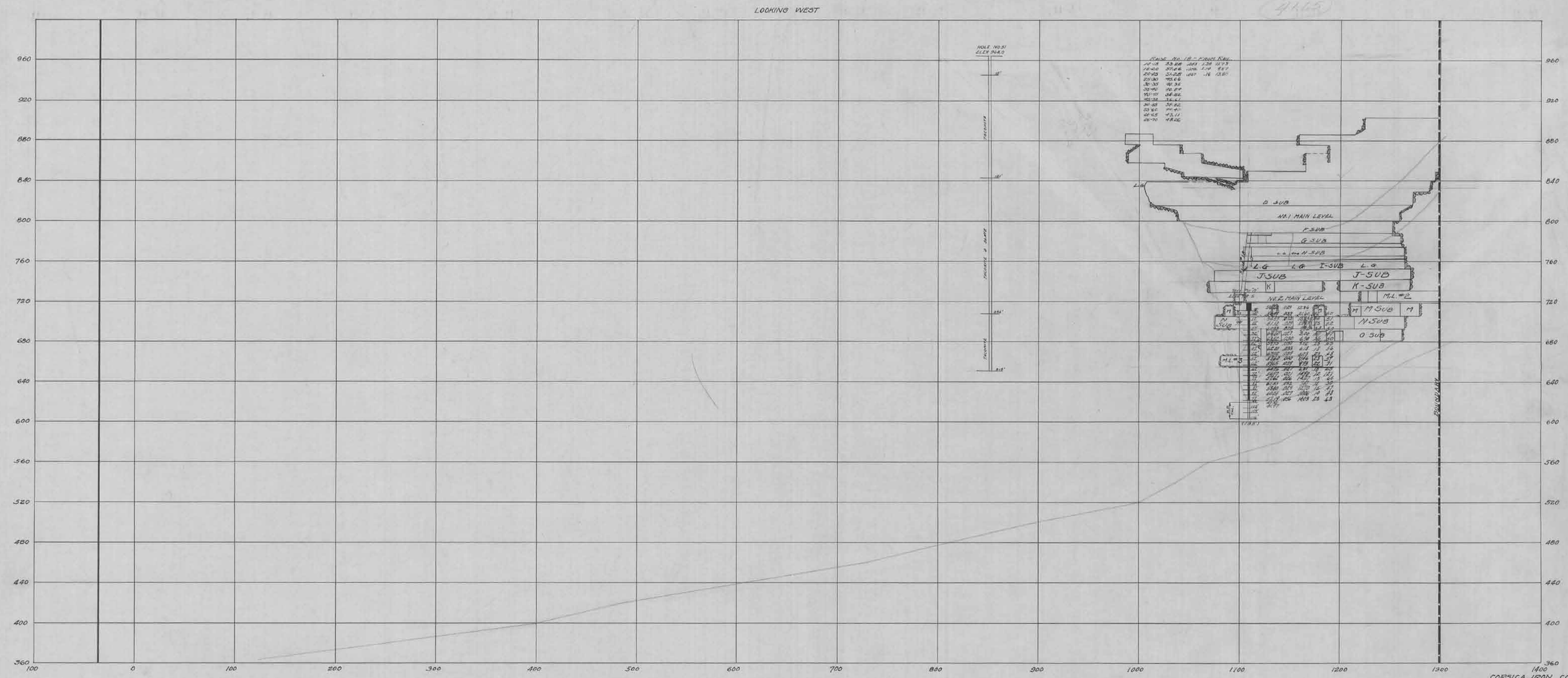
SEC. 1200 E

LOOKING WEST



CORSICA IRON CO
CORSICA MINE
S.W.-S.W. SEC.18-53N6 MINN
GILBERT OFFICE
SCALE 1=40'

SEC. 1300 E



CORSICA IRON CO
CORSICA MINE
S.W-S.W. SEC.18-58-16 MINN
GILBERT OFFICE
SCALE 1" = 40'

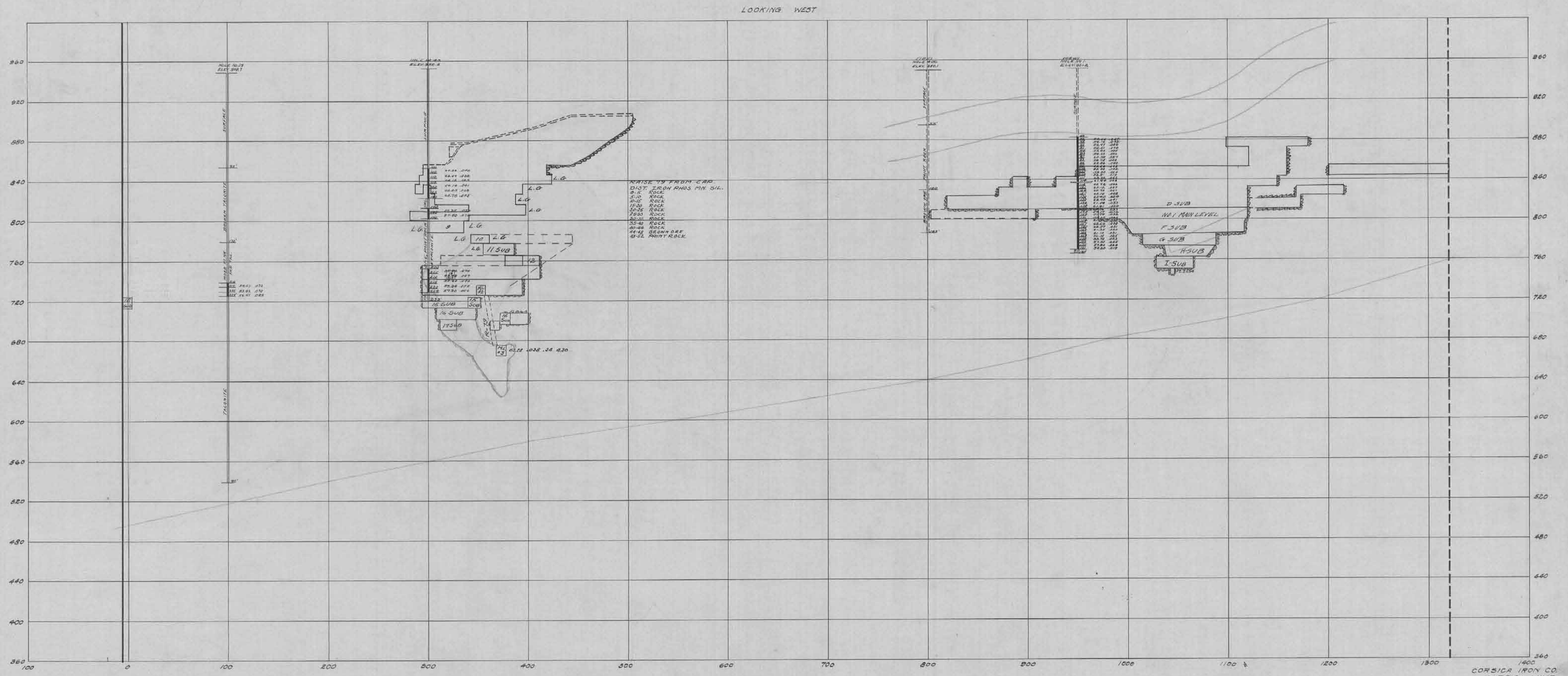
SEC. 1400 E

3525

LOOKING WEST

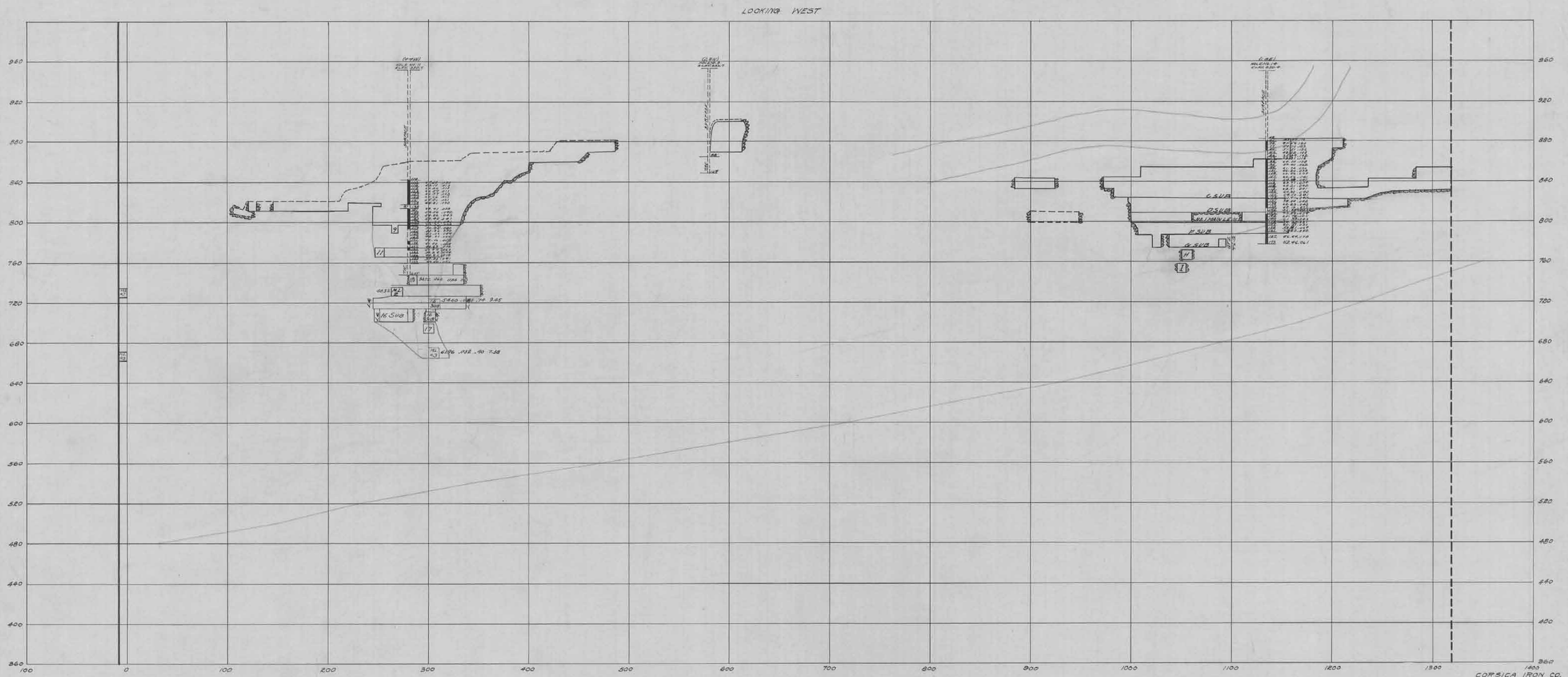
CORSICA IRON CO
CORSICA MINE
S.W.-S.W. SEC. 18-58-46 MINN
GILBERT OFFICE
SCALE 1"=40'

SEC. 200 E



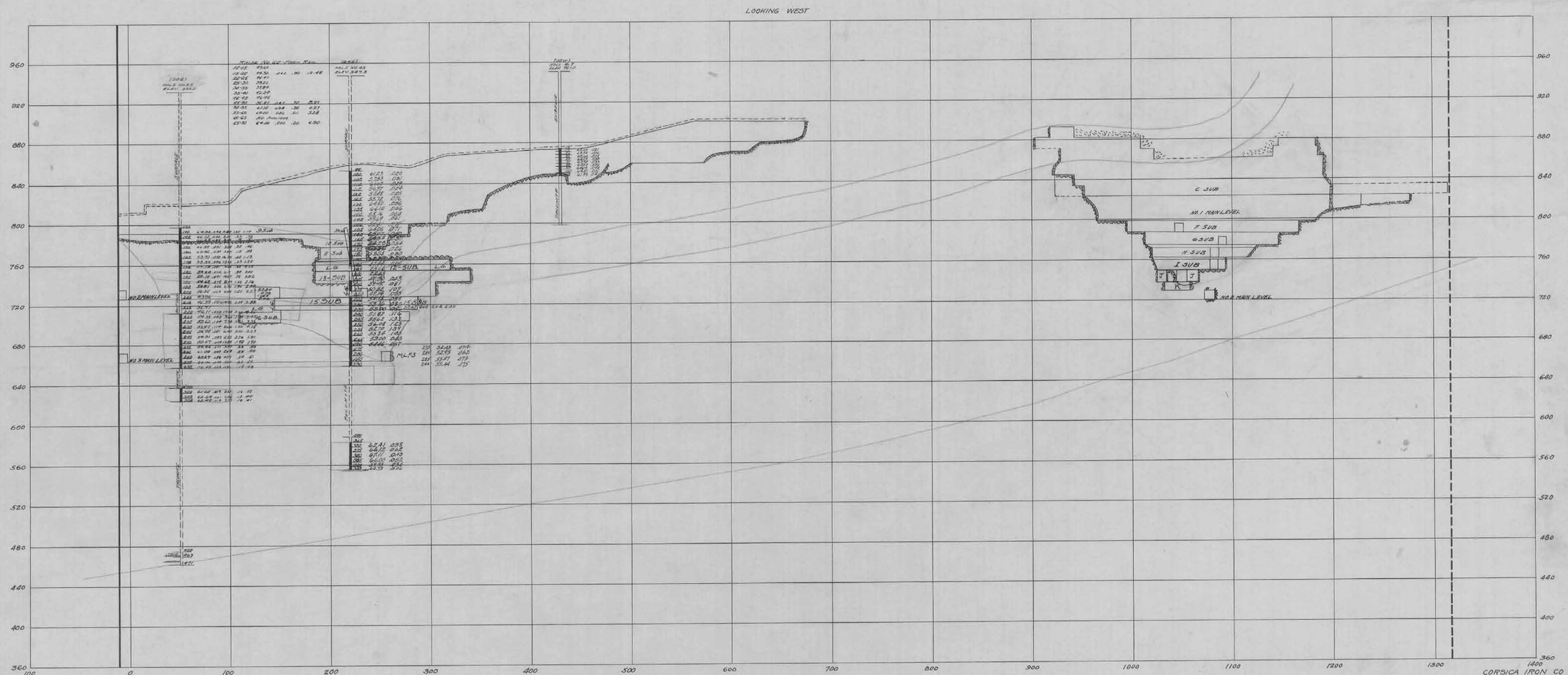
CORSICA IRON CO.
CORSICA MINE
SW-SW SEC 18-58-18 MINN
GILBERT OFFICE
SCALE 1"=40'

SEC. 300 E

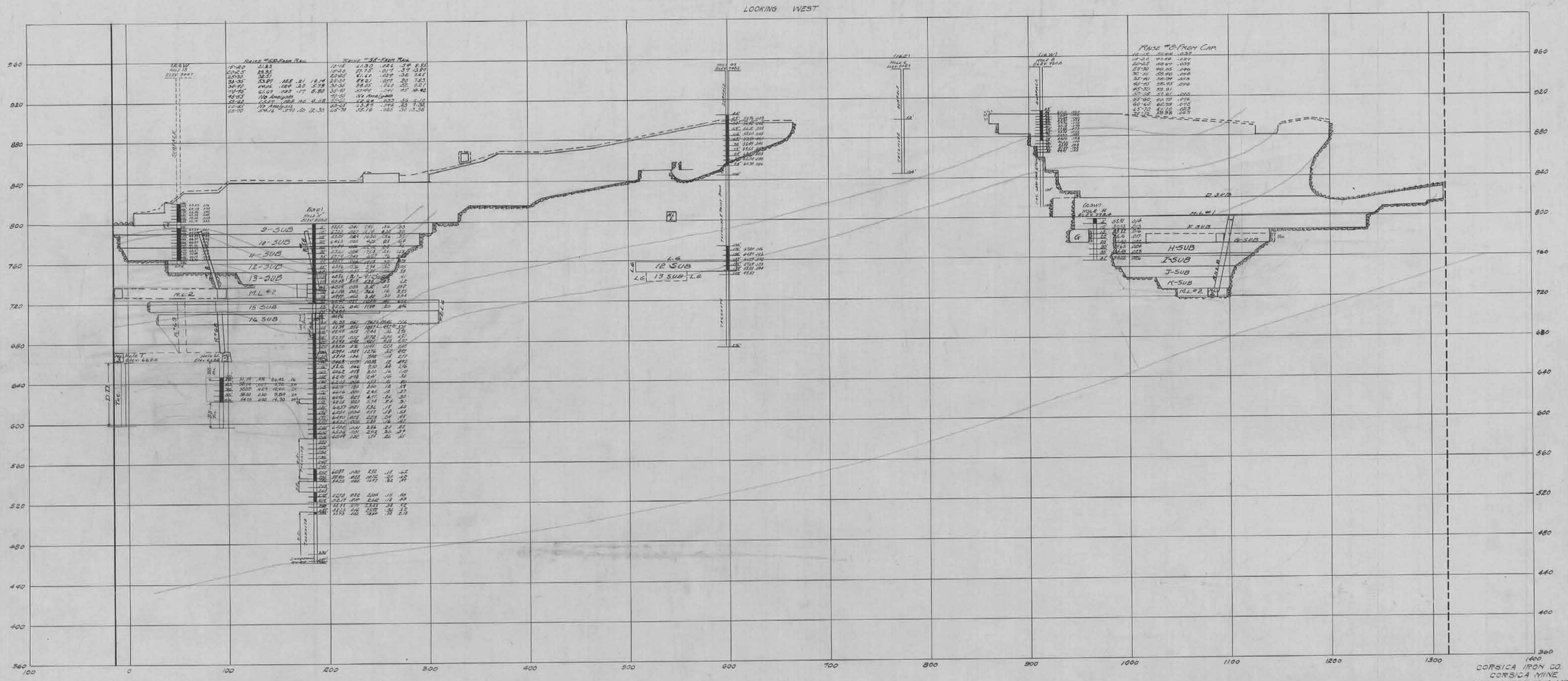


CORSICA IRON CO.
CORSICA MINE
S.W. S.W. SEC. 18-38-16 MINN.
GILBERT OFFICE
SCALE 1" = 40'

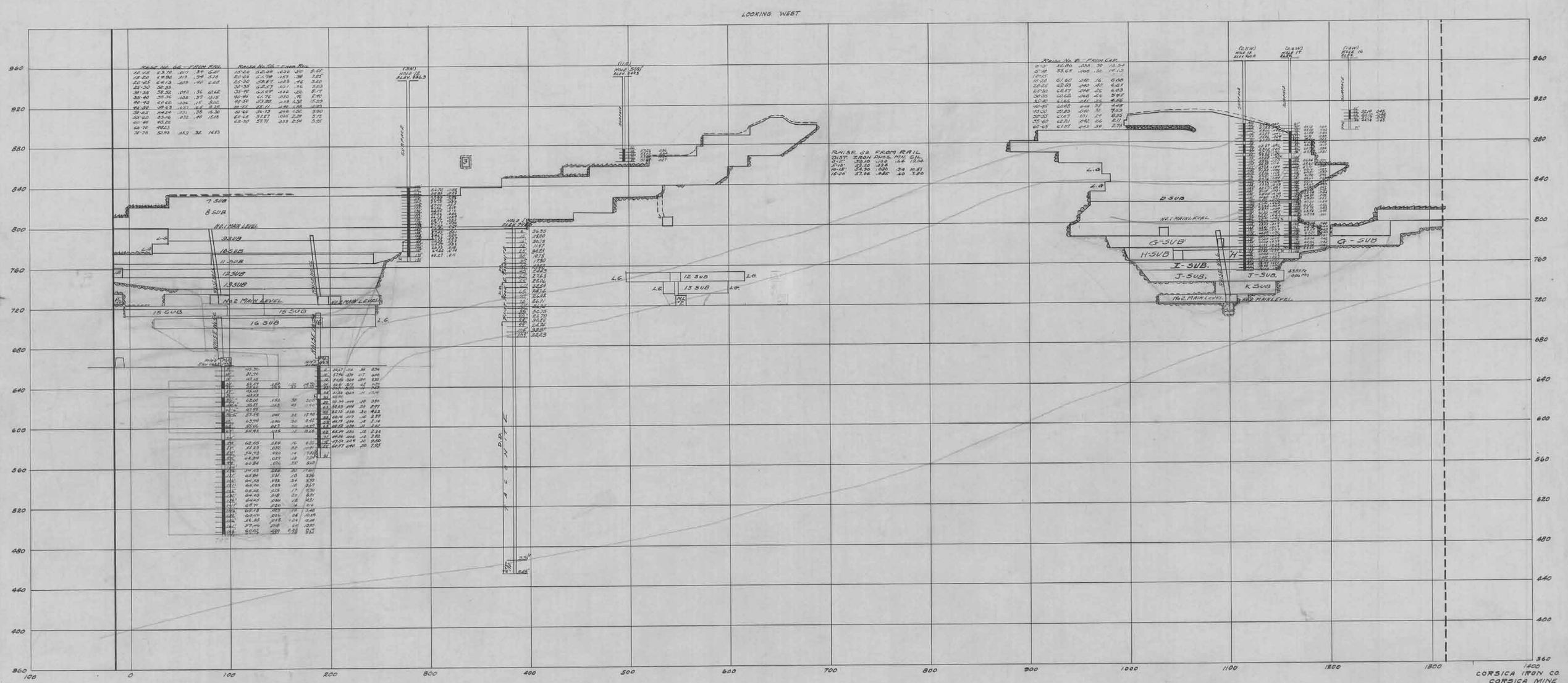
SEC. 400 E


LOOKING WEST
NO.2 MAIN LEVEL
NO.3 MAIN LEVEL
9 SUB
11 SUB
12 SUB
13 SUB
15 SUB
16 SUB
ML.43
C SUB
NO.1 MAIN LEVEL
F SUB
G SUB
H SUB
I SUB
NO.2 MAIN LEVEL
CORSICA IRON CO
CORSICA MINE
S.W.-S.W. SEC.18-58-18 MINN
GILBERT OFFICE
SCALE 1" = 40'

SEC. 500 E

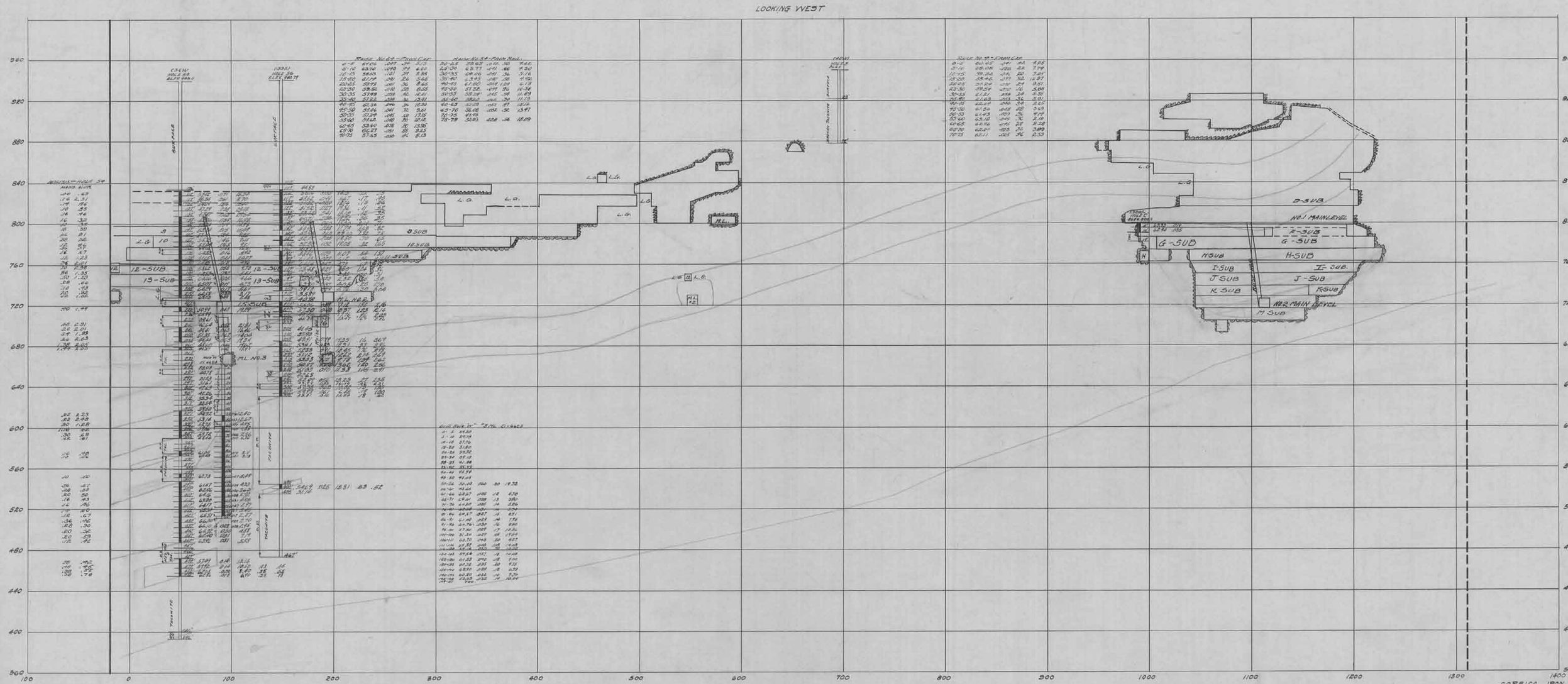

LOOKING WEST
9-SUB
10-SUB
11-SUB
12-SUB
13-SUB
M.L. #2
15 SUB
16 SUB
12 SUB
13 SUB
D SUB
E SUB
F SUB
H-SUB
I-SUB
J-SUB
K-SUB
M.L. #2
M.L. #1
RAISE #8 FROM GAP
CORSICA IRON CO.
CORSICA MINE
S.W.-S.W. SEC. 18-S.8-W. MINN.
GILBERT OFFICE
SCALE 1" = 40'

SEC. 600 E



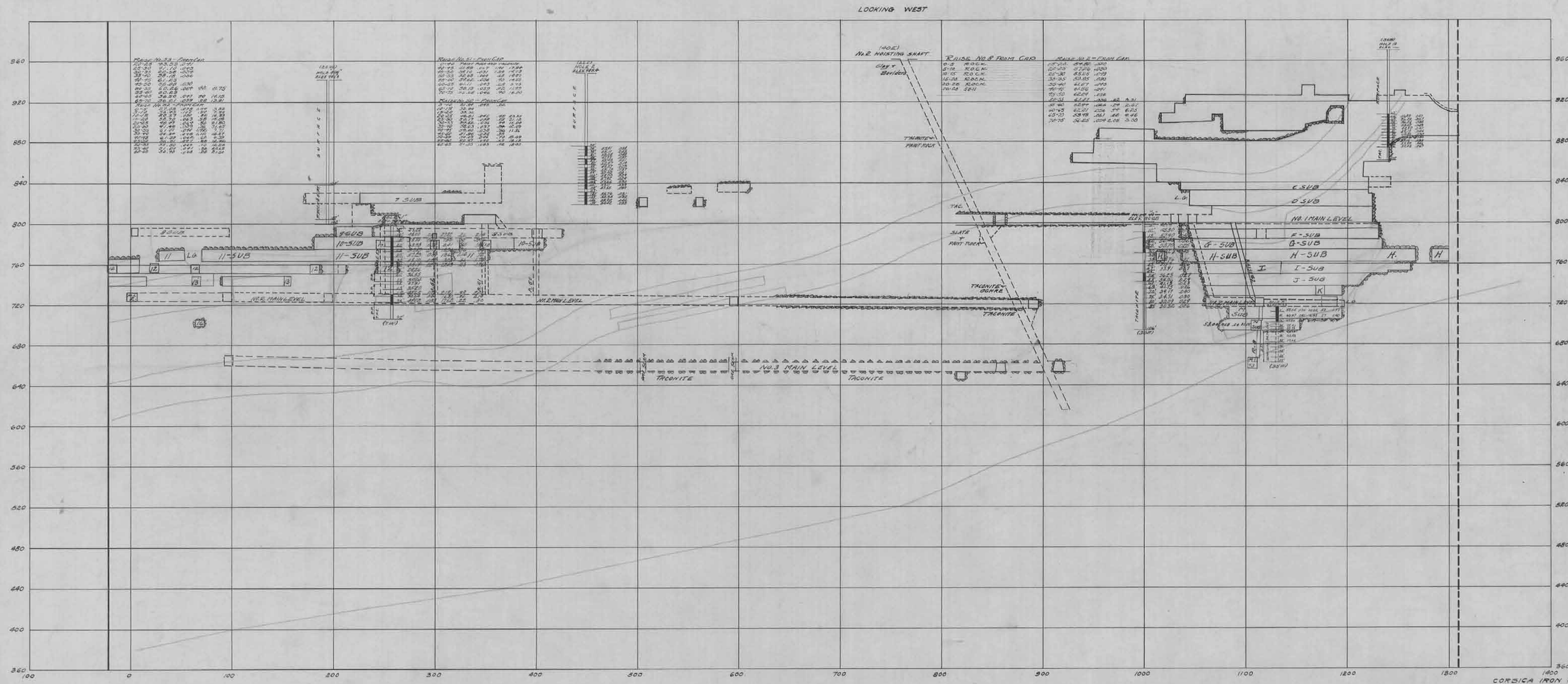
CORSICA IRON CO.
CORSICA MINE
SW-SW SEC 18-38-18 MINN
GILBERT OFFICE
SCALE 1"=40'

SEC. 700 E



CORSICA IRON CO
CORSICA MINE
SW-SW SEC 18-58-16 MINN.
GILBERT OFFICE
SCALE 1"=40'

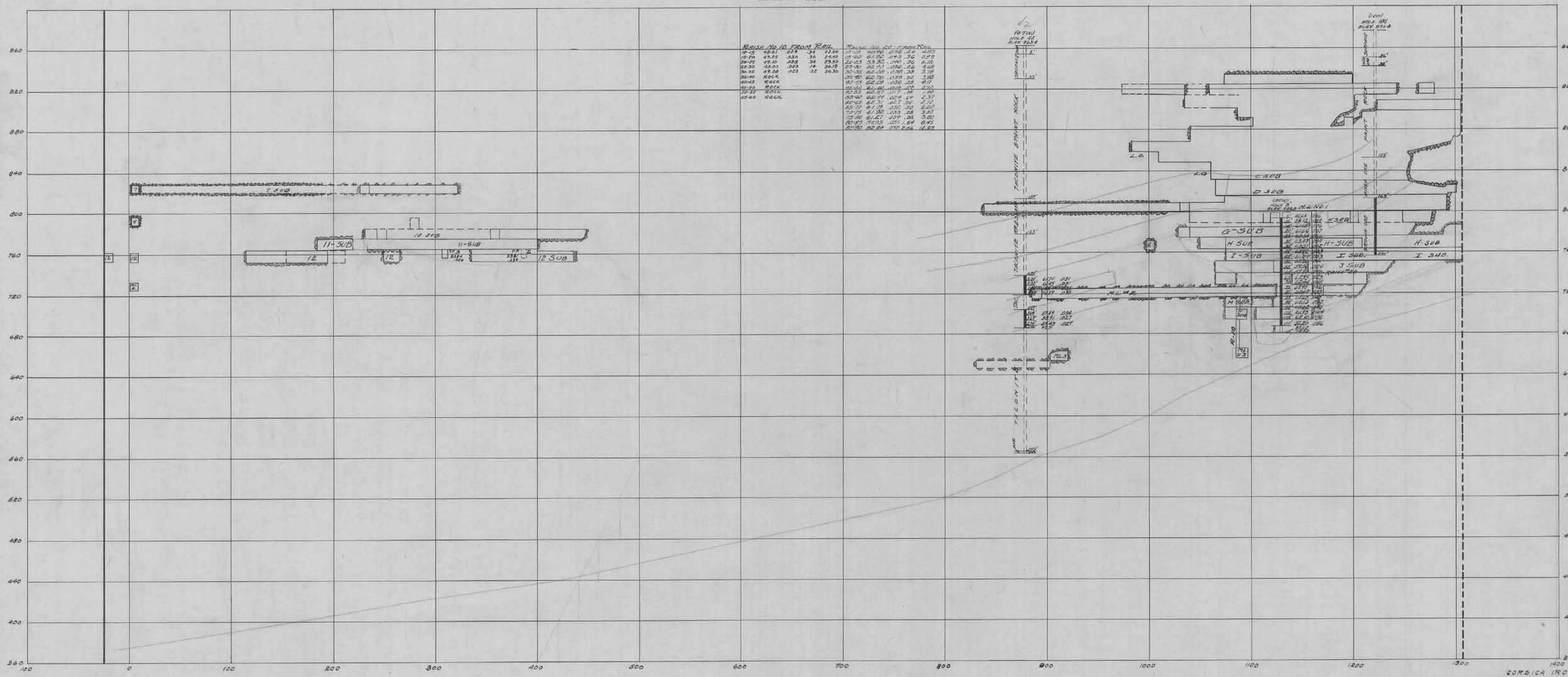
SEC. 800 E



CORSICA IRON CO.
CORSICA MINE
SW.¼-SW. SEC.18-58-16 MINN.
GILBERT OFFICE
SCALE 1"=40'

SEC. 900 E

LOOKING WEST



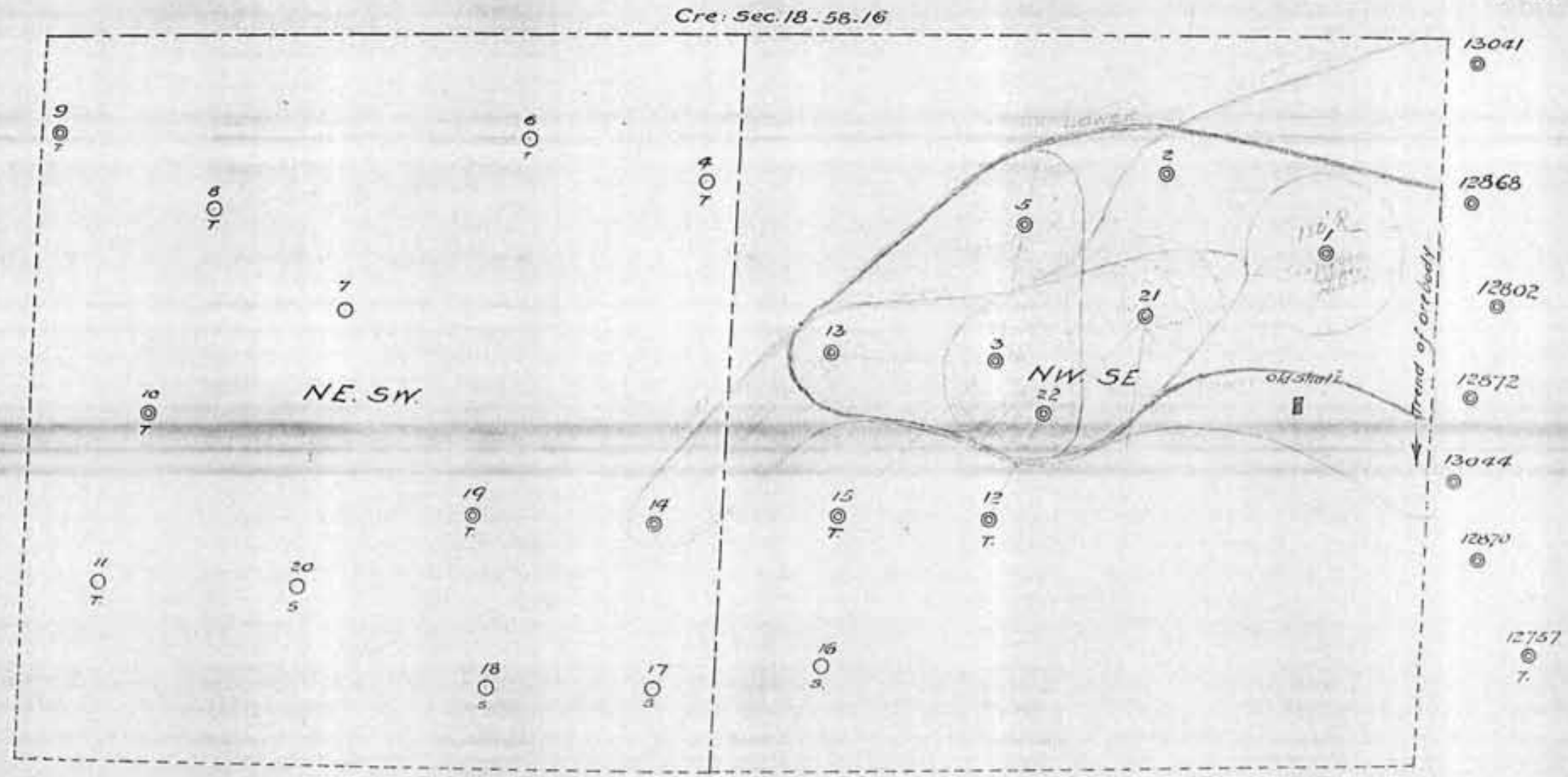
RAISE No. 10 FROM RAIL				
10-15	48.81	.033	.32	12.50
15-20	49.15	.036	.36	14.40
20-25	49.40	.028	.36	13.50
25-30	49.60	.023	.14	20.19
30-35	49.80	.023	.22	26.30
35-40	ROCK			
40-45	ROCK			
45-50	ROCK			
50-55	ROCK			
55-60	ROCK			

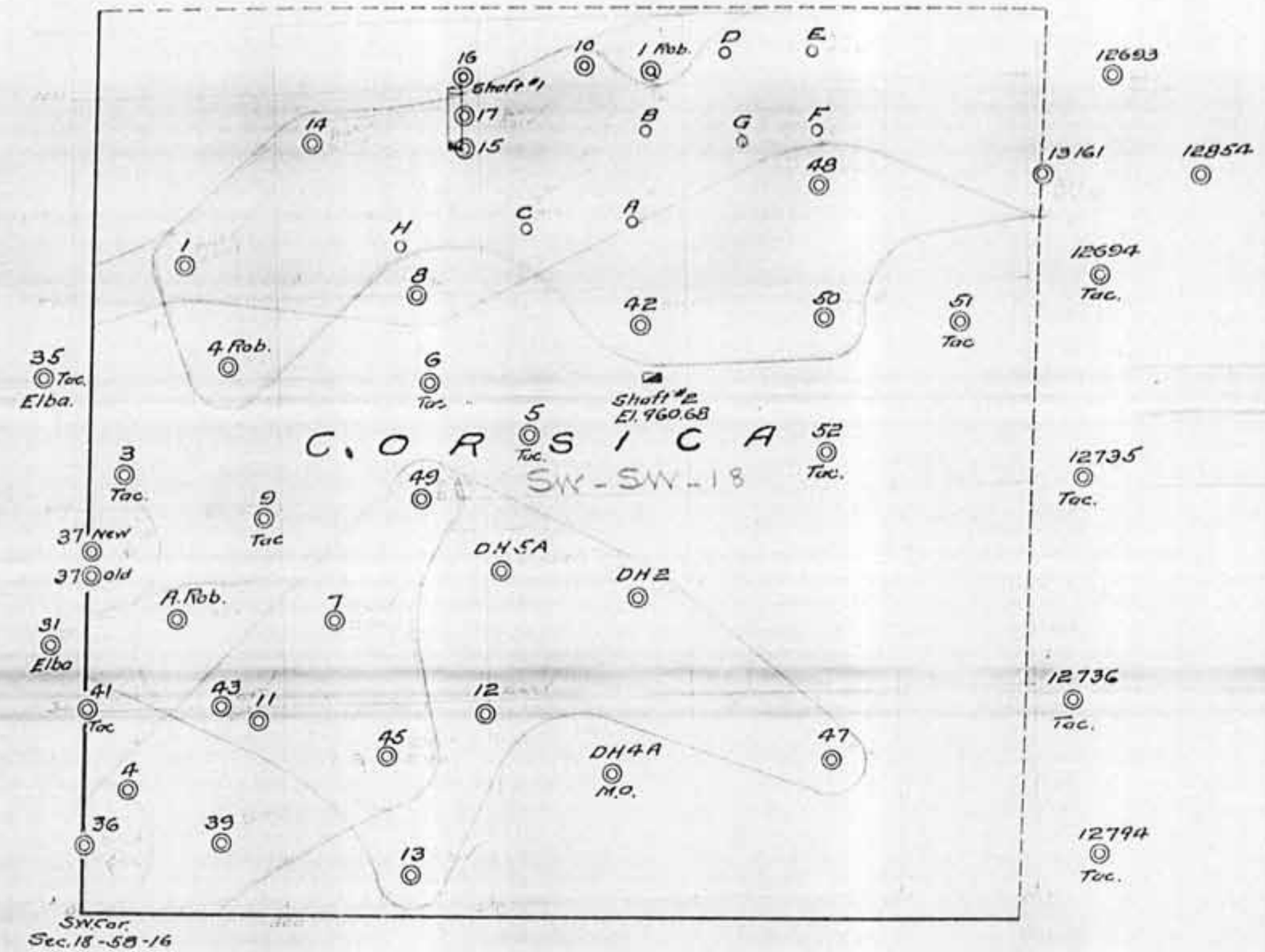
RAISE No. 20 FROM RAIL				
10-15	60.96	.036	.20	6.05
15-20	61.35	.043	.36	4.97
20-25	59.35	.040	.26	6.16
25-30	62.13	.036	.26	9.08
30-35	62.09	.038	.38	3.79
35-40	62.16	.039	.32	3.60
40-45	62.09	.036	.28	4.11
45-50	61.82	.025	.22	2.92
50-55	62.17	.017	.38	1.80
55-60	62.14	.027	.54	2.37
60-65	62.31	.027	.56	2.11
65-70	61.79	.030	.30	2.80
70-75	61.30	.033	.28	3.93
75-80	61.27	.039	.26	3.00
80-85	59.15	.055	1.64	8.41
85-90	52.84	.150	2.26	16.83

CORSICA IRON CO
CORSICA MINE
S.W.-S.W. SEC 18-58-18 MINN
GILBERT OFFICE
SCALE 1" = 40'

09-0506-50 C2 98-19 NE-SW + NW-SW sec 19-58-16

AS on card





Survey plat 7385
Explor sheet 3856
Maps – 10081

12693

13161

12854

12694
Tac.

12735
Tac.

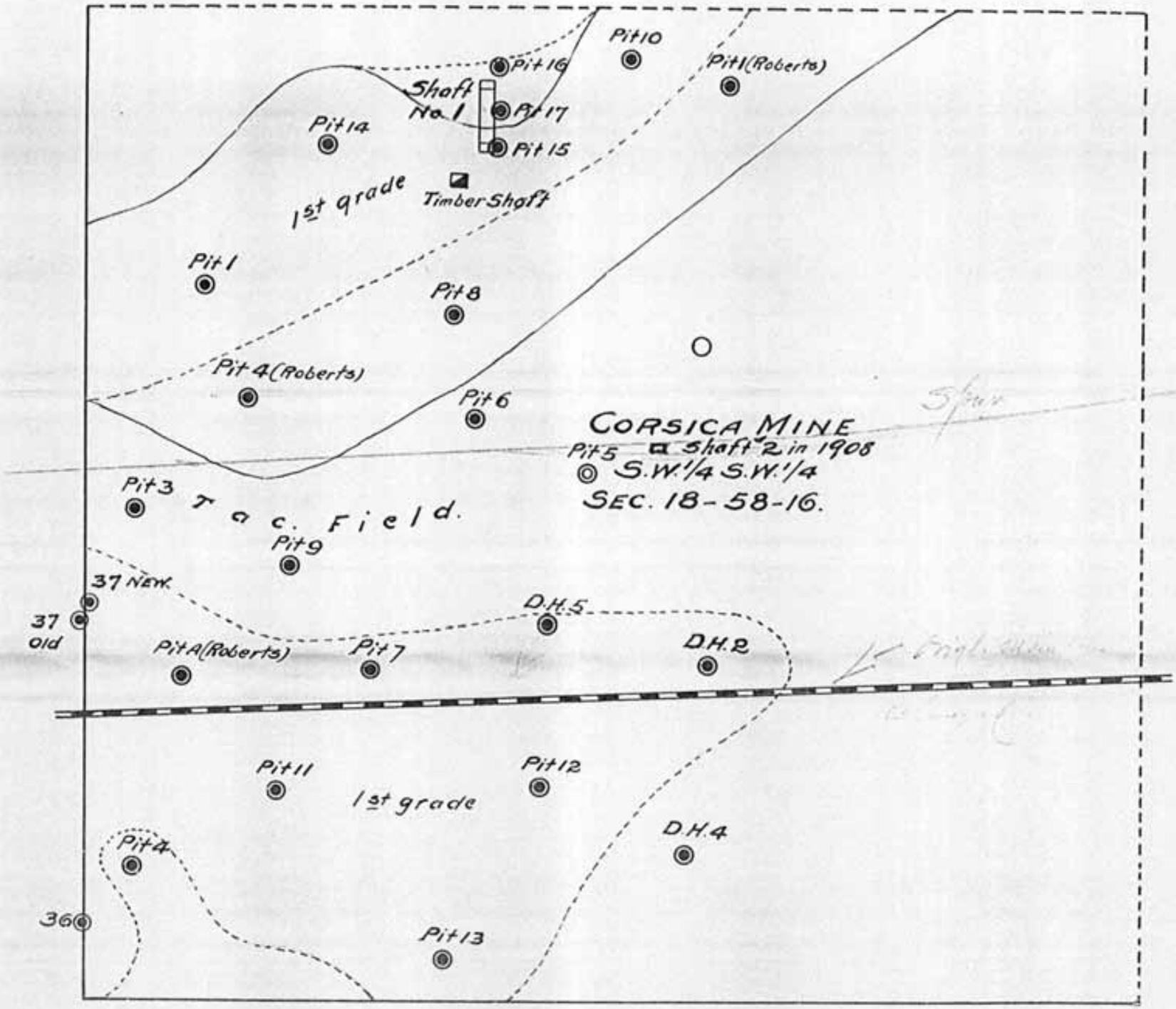
12736
Tac.

12794
Tac.

12988
Tac.

13157
Deep Ore.

09-0506-50 C2 91-19 Corsica SW SW 18



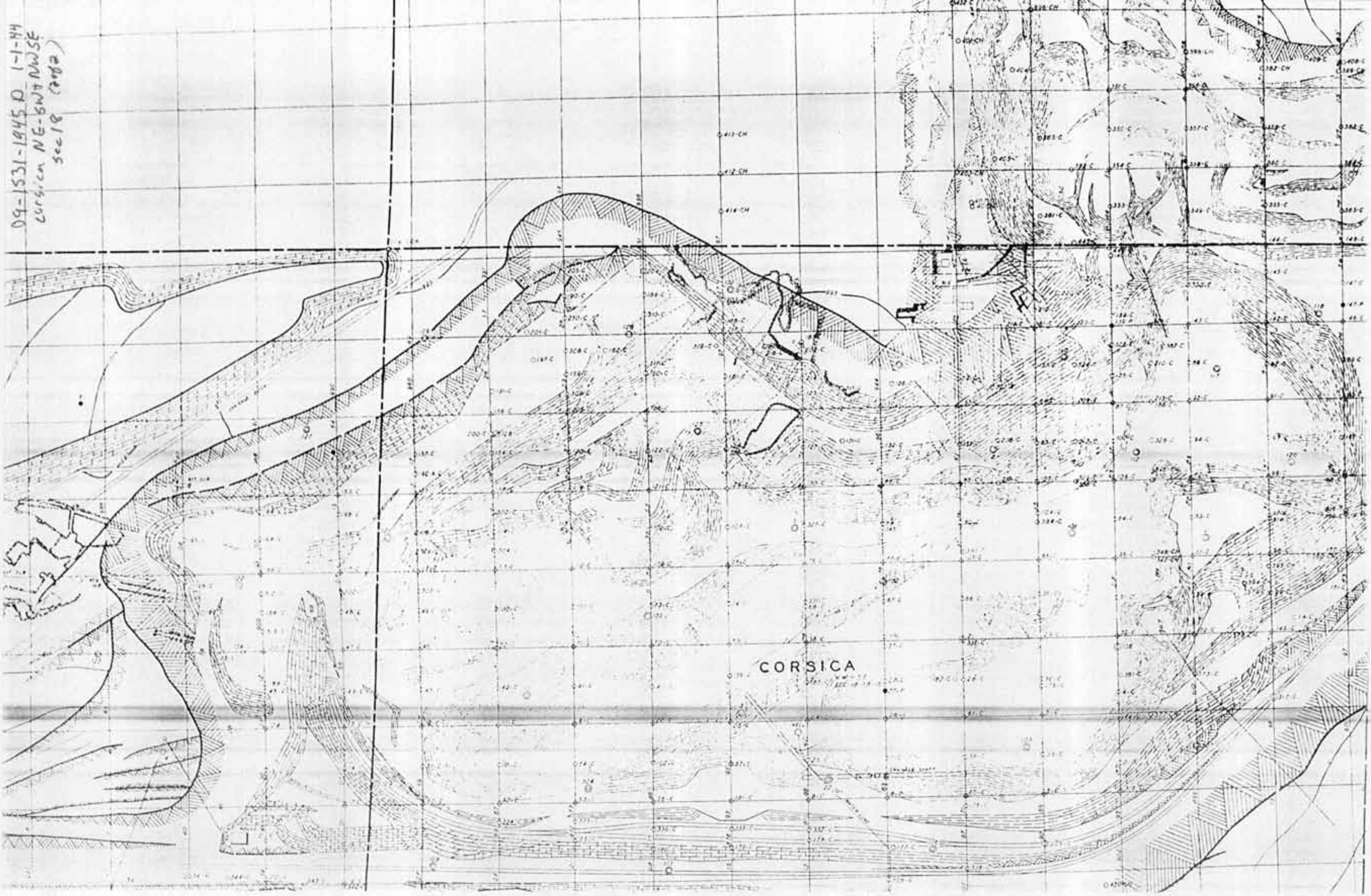
Ref. # 1493 & # 2579

Scale: 200' = 1"

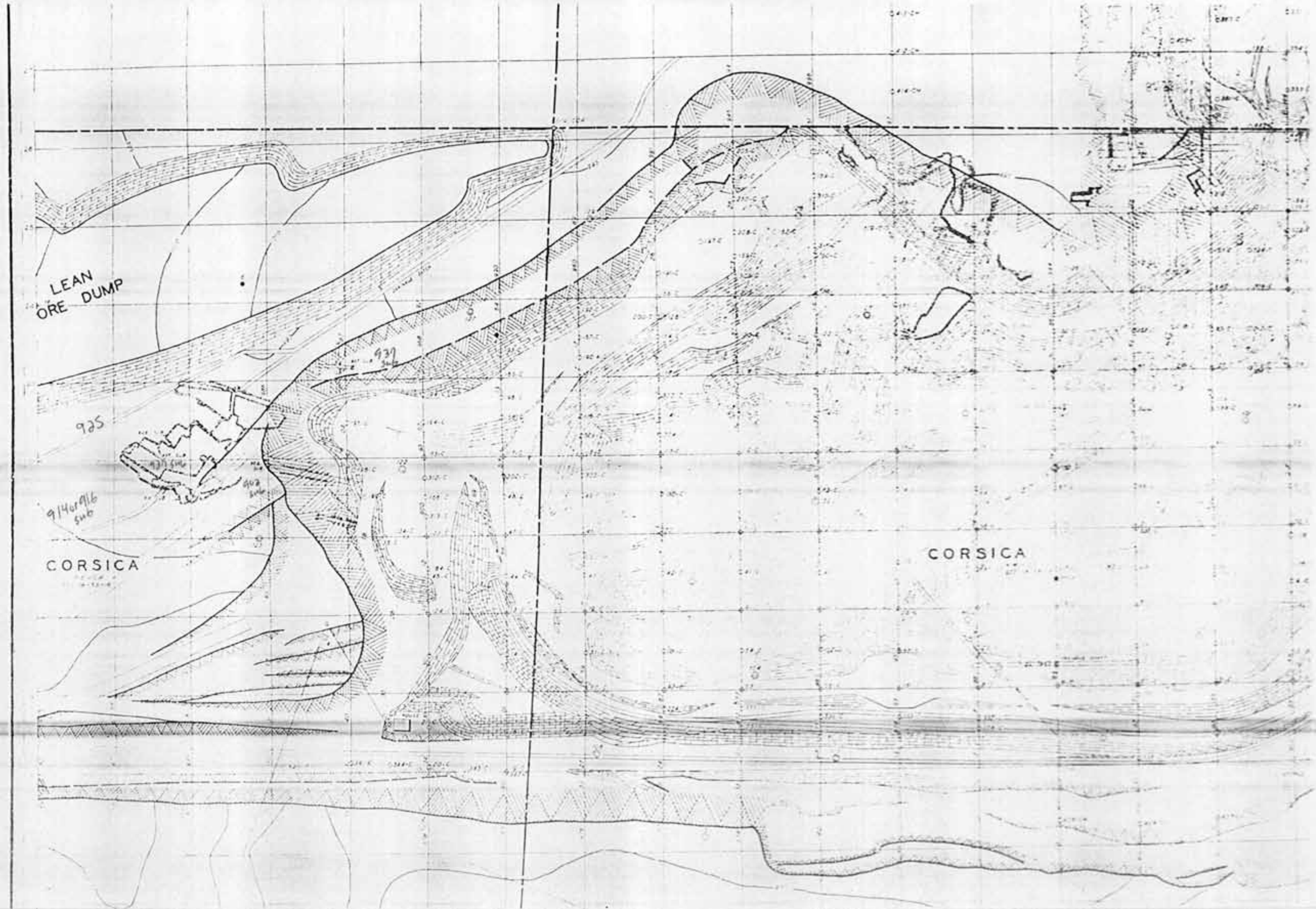
Ore bodies within dotted lines = 1st Class
" " " full " = 2nd "

09-0506-17 C2 29-15 Corsica SW1/4 SW1/4 S18-58-16

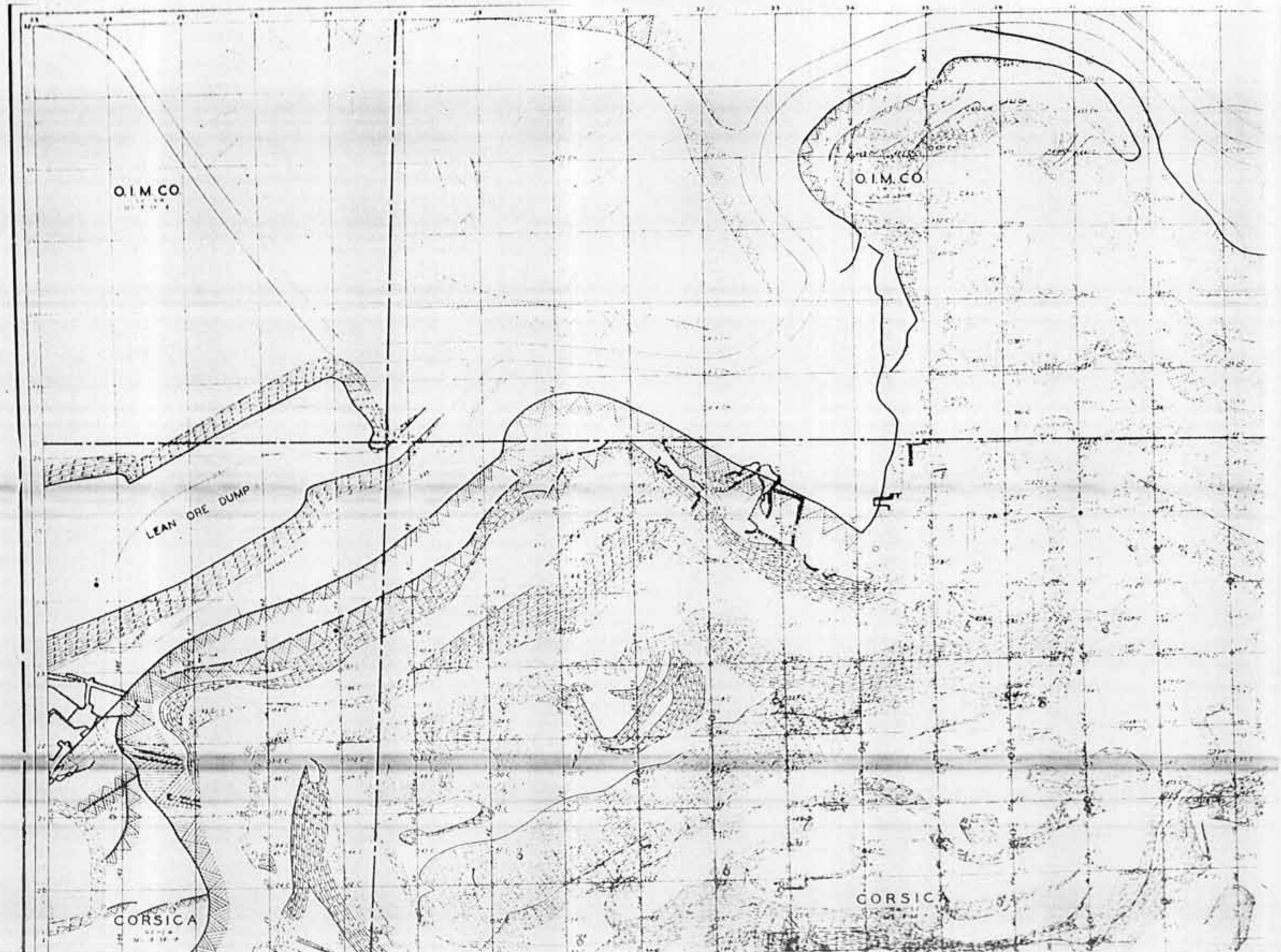
09-1531-1945 D 1-1-44
corsica NE-SW & NW SE
sec 18 (page)



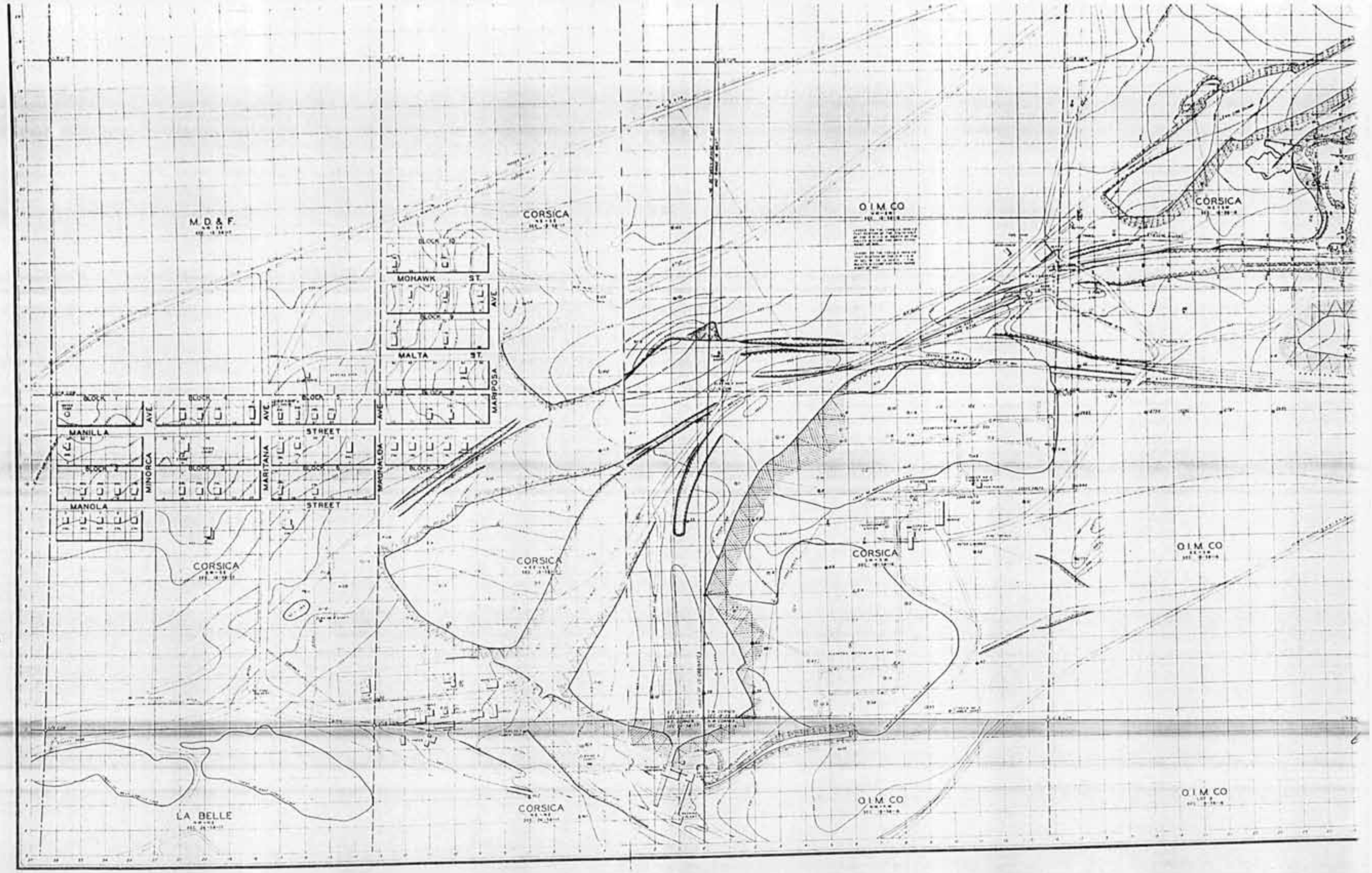
09-1531-1945 D 1-1-44 Colsica NE-SW & NW-SE Sec 18 1 of 2



09-1531-1949 C2 1-1-49 CORSICA NE & NW SE sec 18

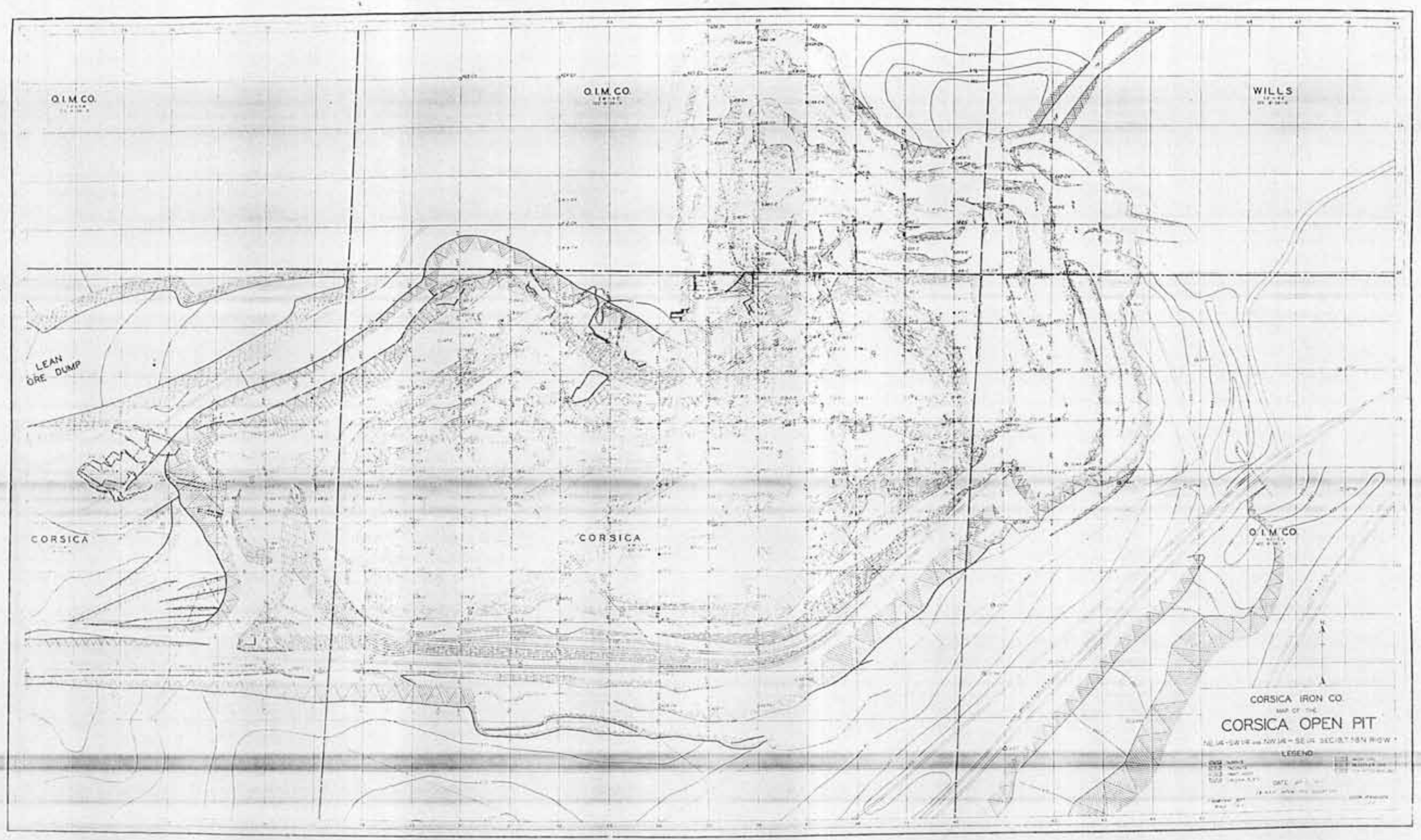


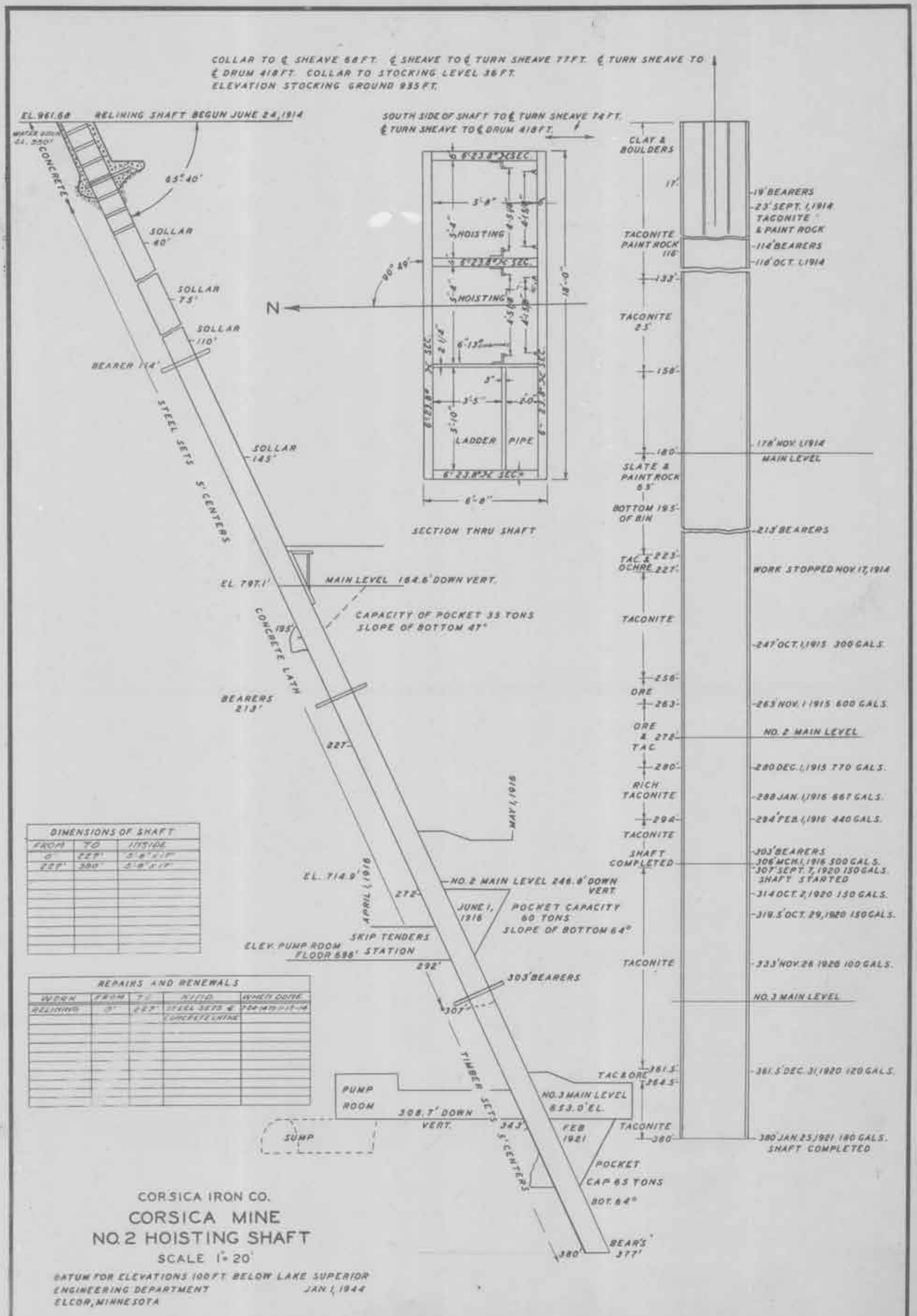
09-1531-1950 c2 Corsica open pit

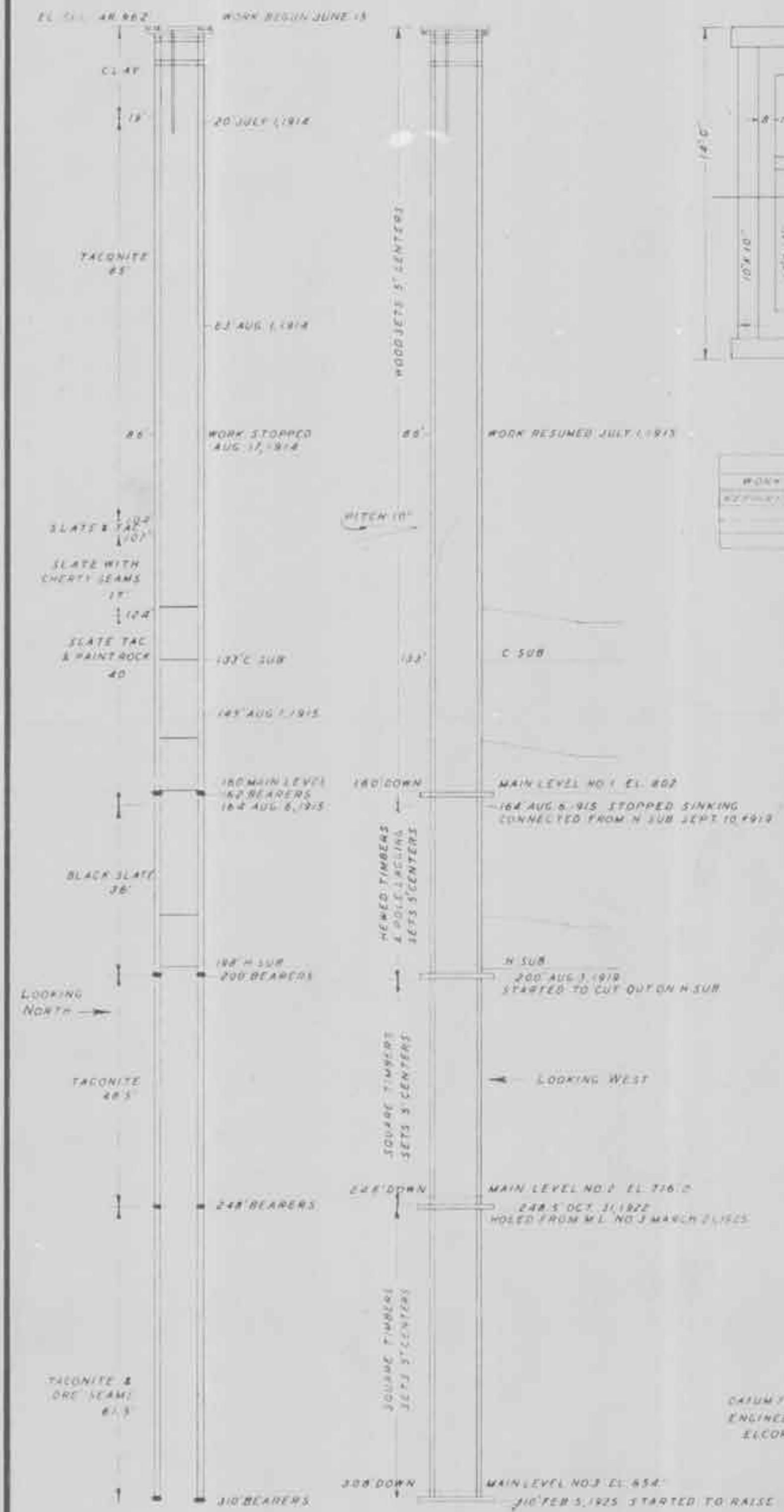


Corsica Mine & Vicin

09 1531-1440 D 1-1-46


O.I.M.CO.
O.I.M.CO.
WILLS
LEAN ORE DUMP
CORSICA
CORSICA
O.I.M.CO.
CORSICA IRON CO.
MAP OF THE
CORSICA OPEN PIT
LEGEND


COLLAR TO ℄ SHEAVE 68 FT. ℄ SHEAVE TO ℄ TURN SHEAVE 77 FT. ℄ TURN SHEAVE TO ℄ DRUM 418 FT. COLLAR TO STOCKING LEVEL 36 FT.
ELEVATION STOCKING GROUND 935 FT.
EL. 961.68
RELINING SHAFT BEGUN JUNE 24, 1914
CONCRETE
65° 40'
SOLLAR 60'
SOLLAR 75'
SOLLAR 110'
BEARER 114'
STEEL SETS 5' CENTERS
SOLLAR 145'
EL. 797.1'
MAIN LEVEL 164.6' DOWN VERT.
CAPACITY OF POCKET 35 TONS
SLOPE OF BOTTOM 47°
CONCRETE LATH
195'
BEARERS 213'
227'
MAY 1, 1916
EL. 714.9'
APRIL 1, 1916
272'
NO. 2 MAIN LEVEL 246.8' DOWN VERT.
JUNE 1, 1916
POCKET CAPACITY 60 TONS
SLOPE OF BOTTOM 64°
SKIP TENDERS
ELEV. PUMP ROOM FLOOR 698' STATION
292'
303' BEARERS
307'
TIMBER SETS 5' CENTERS
PUMP ROOM
308.7' DOWN VERT.
SUMP
343'
NO. 3 MAIN LEVEL 653.0' EL.
FEB 1921
POCKET
CAP. 65 TONS
BOT. 64°
BEAR'S 377'
380'
SOUTH SIDE OF SHAFT TO ℄ TURN SHEAVE 74 FT.
℄ TURN SHEAVE TO ℄ DRUM 418 FT.
6' 23.8# X SEC.
3'8"
HOISTING
90° 49'
N
18'-0"
6'-13"
3'5"
3'-10"
LADDER
PIPE
6'-8"
SECTION THRU SHAFT
CLAY & BOULDERS
17'
TACONITE PAINT ROCK 116'
133'
TACONITE 23'
158'
180'
SLATE & PAINT ROCK 63'
BOTTOM 195' OF RIN
223'
TAC. & OCHRE 227'
TACONITE
256'
ORE
263'
ORE & TAC
272'
280'
RICH TACONITE
288'
294'
TACONITE
SHAFT COMPLETED
TACONITE
TAC & ORE
381.5'
384.5'
TACONITE
380'
19' BEARERS
23' SEPT. 1, 1914 TACONITE & PAINT ROCK
114' BEARERS
118' OCT. 1, 1914
178' NOV. 1, 1914
MAIN LEVEL
213' BEARERS
WORK STOPPED NOV. 17, 1914
247' OCT. 1, 1915 300 GALS.
263' NOV. 1, 1915 600 GALS.
NO. 2 MAIN LEVEL
280' DEC. 1, 1915 770 GALS.
288' JAN. 1, 1916 667 GALS.
294' FEB. 1, 1916 440 GALS.
303' BEARERS
306' MCH. 1, 1916 500 GALS.
307' SEPT. 7, 1920 150 GALS.
SHAFT STARTED
314' OCT. 2, 1920 150 GALS.
319.5' OCT. 29, 1920 150 GALS.
333' NOV. 26, 1920 100 GALS.
NO. 3 MAIN LEVEL
381.5' DEC. 31, 1920 120 GALS.
380' JAN. 25, 1921 180 GALS.
SHAFT COMPLETED
DIMENSIONS OF SHAFT
FROM | TO | INSIDE
0 | 227' | 5'-8" X 15'
227' | 380' | 5'-8" X 15'
REPAIRS AND RENEWALS
WORK | FROM | TO | WHAT DONE | WHEN DONE
RELINING | 0' | 227' | STEEL SETS & CONCRETE LATHE | FEB. 1915 TO 1916
CORSICA IRON CO.
CORSICA MINE
NO. 2 HOISTING SHAFT
SCALE 1" = 20'
DATUM FOR ELEVATIONS 100 FT. BELOW LAKE SUPERIOR
ENGINEERING DEPARTMENT
ELCOR, MINNESOTA
JAN. 1, 1944



PLAN OF SHAFT

REPAIRS AND RENEWALS				
WORK	FROM	TO	KIND	WHEN DONE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DIMENSIONS OF SHAFT		
FROM	TO	INSIDE
0	200	8'x9'
200	248.5	8'x9'
248.5	310.0	8'x9'

NOTE:

A LAYNE BOWLER DEEP WELL PUMP (CAPACITY 1000 G.P.M.) WAS INSTALLED IN SHAFT ON JULY 14, 1949.

CORSICA IRON CO.

CORSICA MINE
NO. 4 TIMBER SHAFT

SCALE 1" = 20'

DATUM FOR ELEVATIONS 100 FT BELOW LAKE SUPERIOR

ENGINEERING DEPARTMENT JANUARY 1, 1958

ELCOR, MINNESOTA