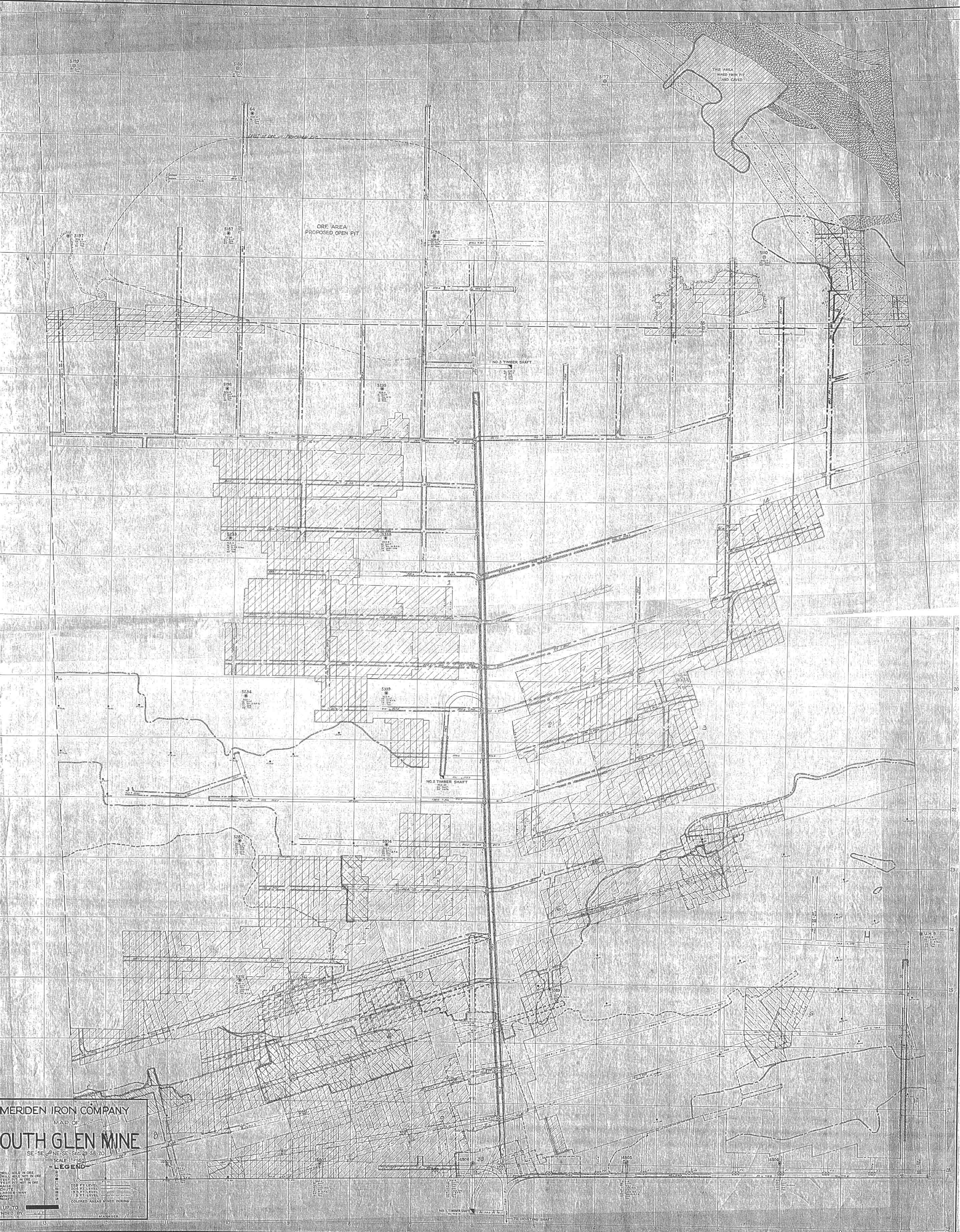




Match: Pittsburg Mine

58-20



IRON RANGE
INTERPRETATIVE CENTER

GLEN

NE OF SE 29-58-20

GODFREY-GLEN
MINE

UNITED STATES STEEL CORPORATION
MINNESOTA ORE OPERATIONS

GLEN, CLARK 8

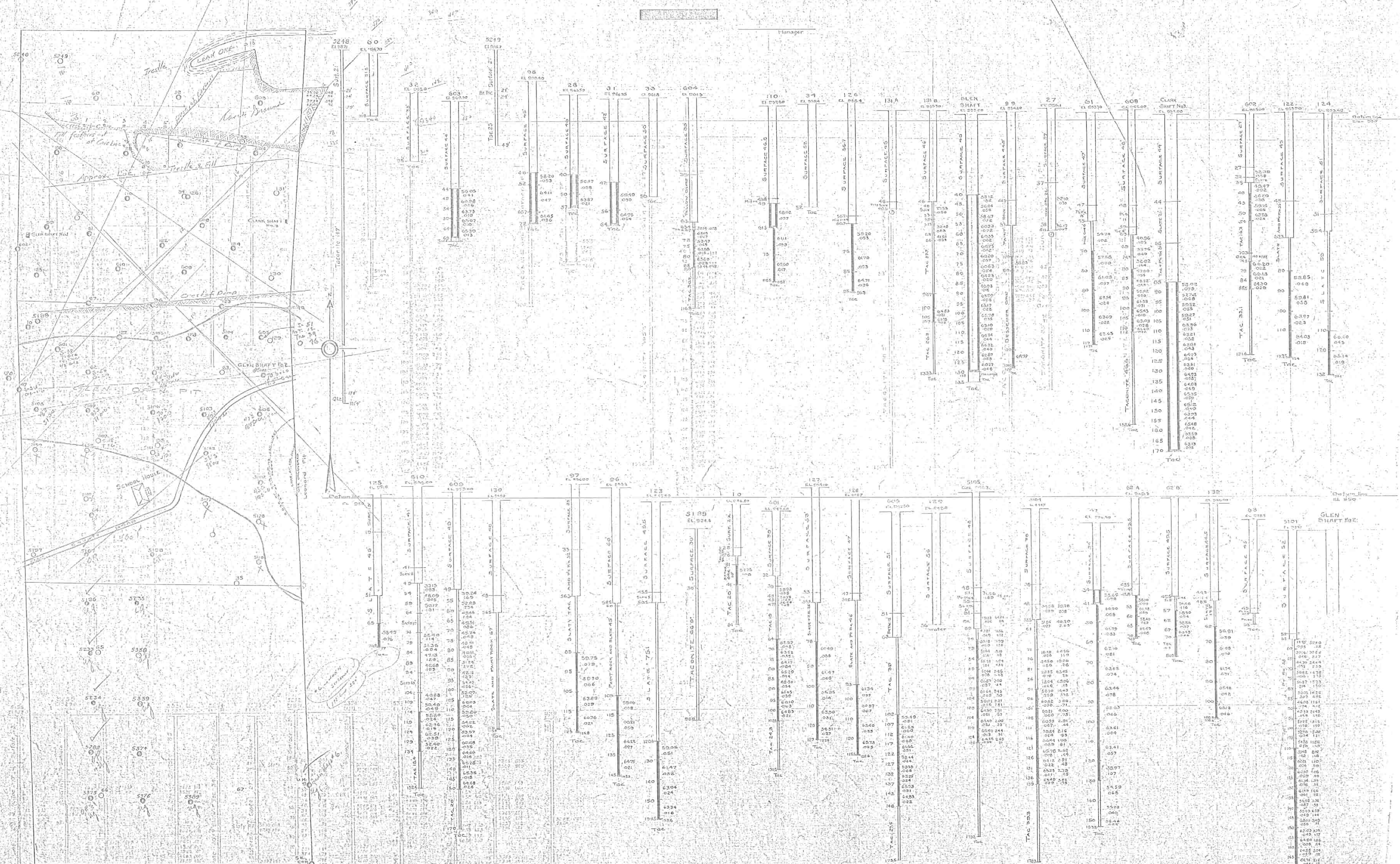


UD110001.TTF

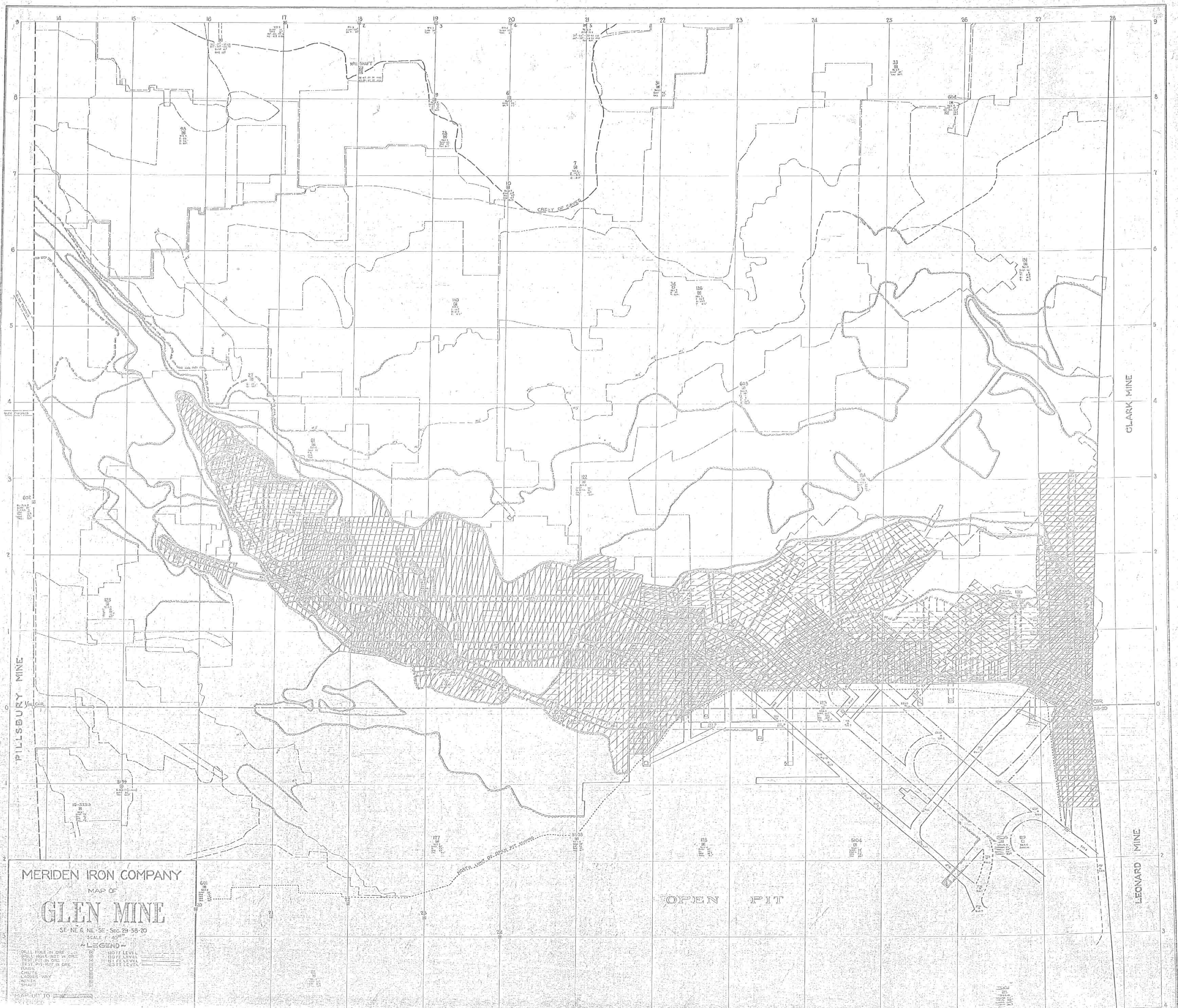
EXPLORATIONS ON THE GLEN MINE

ON
SE 1/4 of NE 1/4 AND E 1/2 of SE 1/4 Sec. 29, T. 58, R. 20

Scale of Plot: 200' = 1" Scale of Pits: 20' = 1"



All data furnished by Oliver Iron Mining Company.
 Notes:
 No. 62A E.J.L. Exploration March 30, 1897.
 No. 62B L.S.C.M. Nov. Dec. 1901.
 No. 61A E.J.L. March 30, 1897.
 No. 61B L.S.C.M. Nov. Dec. 1901.
 No. 61C L.S.C.M. March 30, 1897.
 No. 61D L.S.C.M. Nov. Dec. 1901.
 Holes in 5100 series being drilled by Oliver Iron Mining Co. in winter of 1905-06.



MERIDEN IRON COMPANY
MAP OF
GLEN MINE
SE-NE & NE-SE - Sec. 29-58-20
SCALE 1" = 400'

- LEGEND**
- DRAWN HOLE IN ORE
 - DRAWN HOLE NOT IN ORE
 - TEST PIT - IN ORE
 - TEST PIT - NOT IN ORE
 - CHUTE
 - ROUNDER WAY
 - WATER SHED
 - 120 FT LEVEL
 - 100 FT LEVEL
 - 80 FT LEVEL
 - 60 FT LEVEL

09 1531 1403 1-1-03 Glen Mine 86 ft level A-29 Cole 03 IR 86010101



MINNESOTA IRON CO.
MAP OF THE
GLEN MINE
FIBBING MINN.
86 FT. LEVEL.

SCALE



LEGEND

- | | | | |
|--------------|---|-------------|---|
| SHAFTS | □ | TEST PITS | • |
| SHOOTS | ○ | DRILL HOLES | ○ |
| 86 FT. LEVEL | — | RAILS | — |
| | | ROCK | ■ |

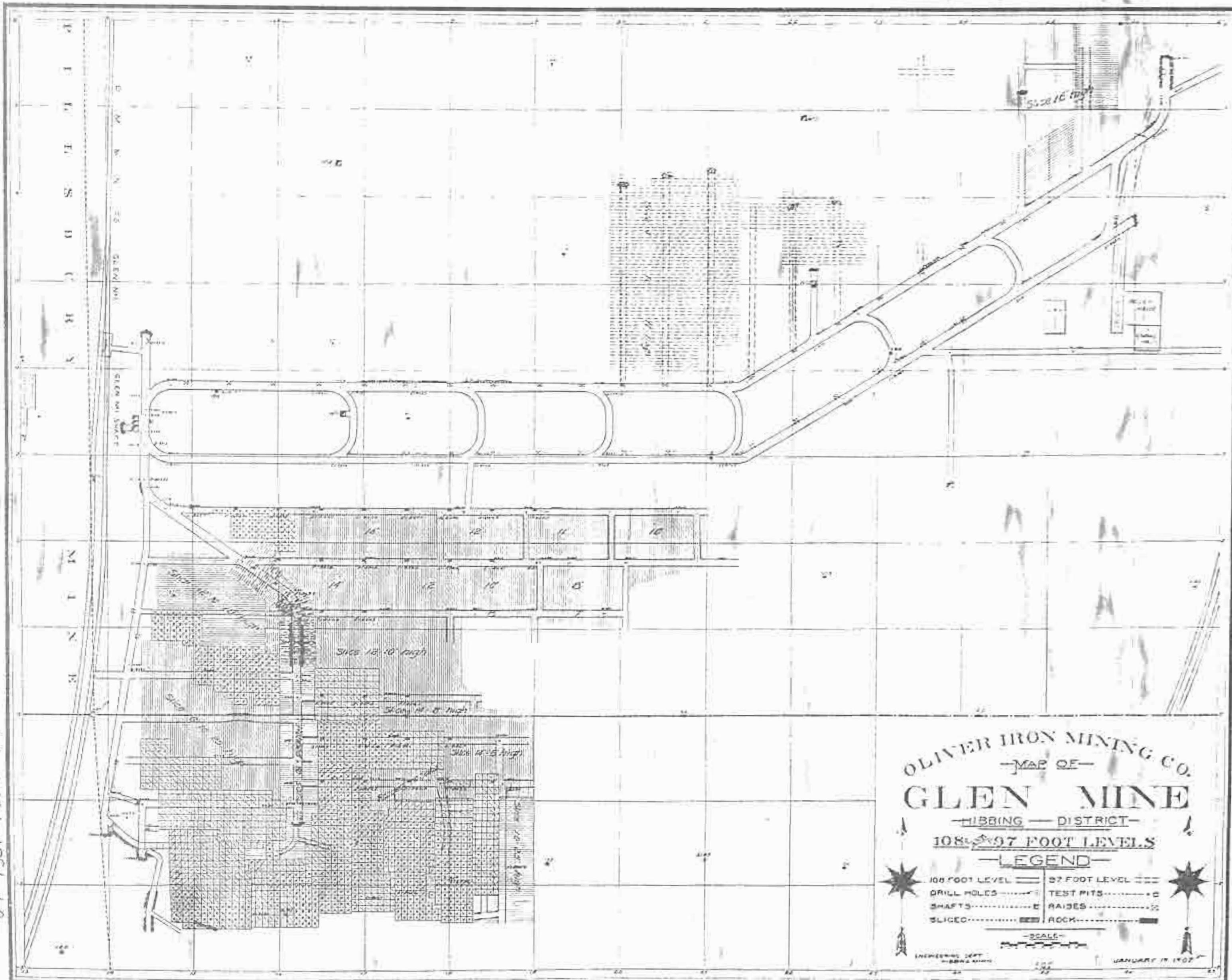
W. H. FARRIS, CH.
H. H. HARRIS, CH.
J. H. HARRIS, CH.

JAN. 1, 1903

61e07IR 108+9701r.t.t

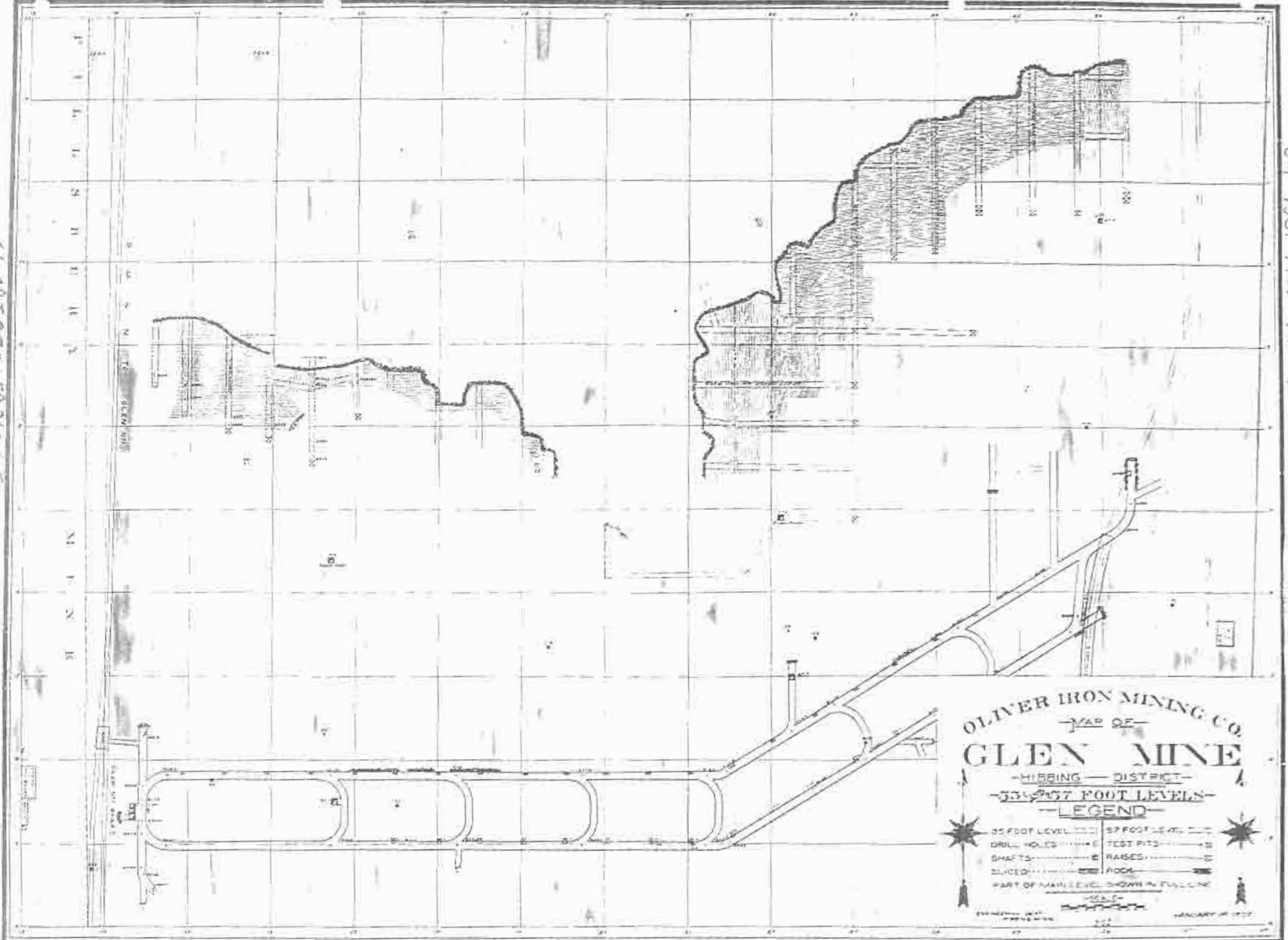
A-30

04 1531 1907 1-1-00 Glen M 86, 188+97 A-30



04 1531 1900 1-1-07 Glen Mine 35, 50 & 60 ft A-30

61-071 IR 35 & 50 ft A-30



OLIVER IRON MINING CO.
 MAP OF
GLEN MINE

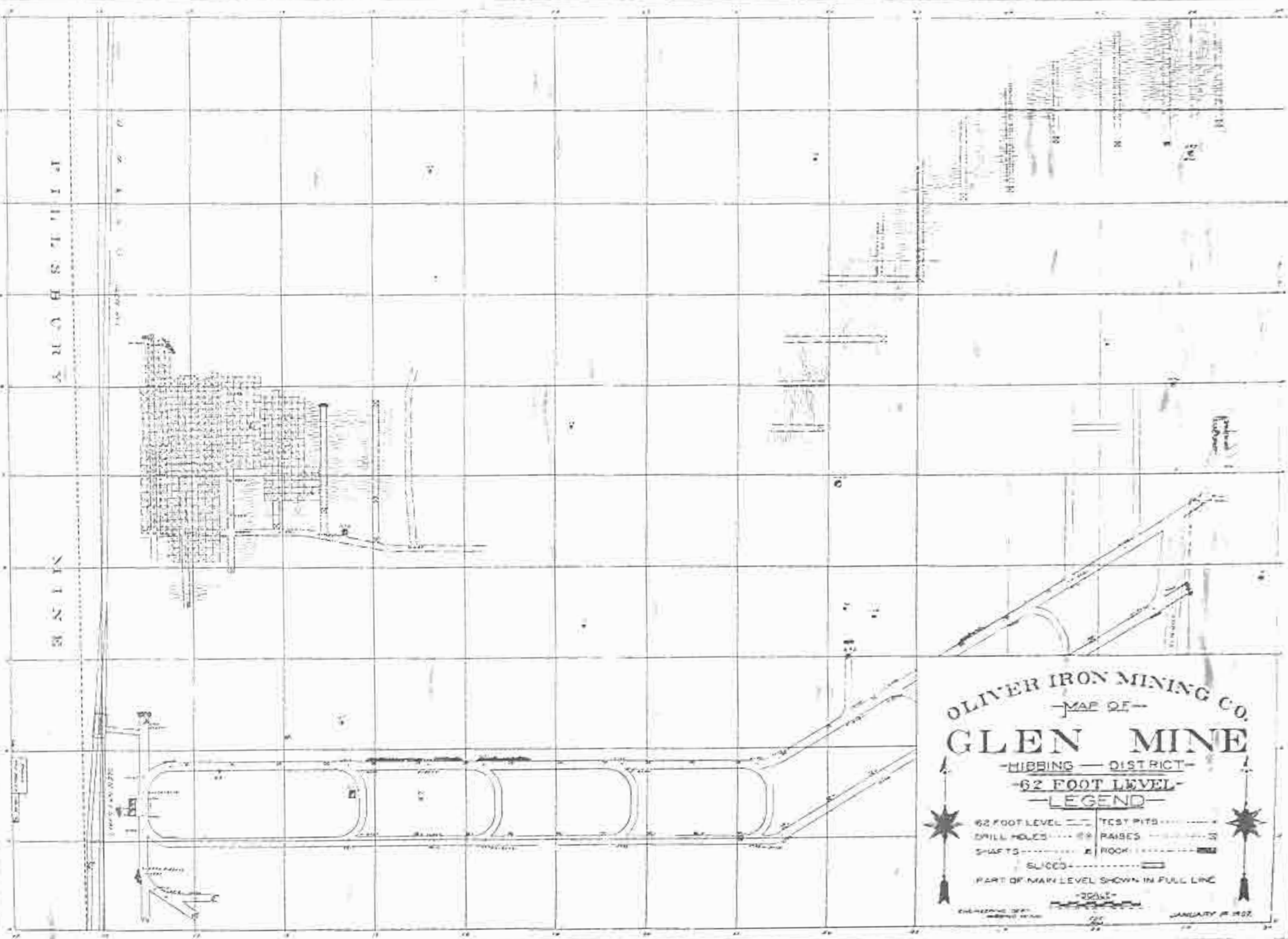
—HIBBING—DISTRICT—
 —35, 50 & 60 FOOT LEVELS—
 —LEGEND—

- | | |
|---------------------------------------|---------------|
| 35 FOOT LEVEL | 50 FOOT LEVEL |
| DRILL HOLES | TEST PITS |
| SHAFTS | RAISES |
| RAISED | ROCK |
| PART OF MAIN LEVEL SHOWN IN FULL LINE | |



PREPARED BY
 JANUARY 1907

612071R6201C.tif



MINES

MINES

OLIVER IRON MINING CO.
—MAP OF—
GLEN MINE
—HIBBING—DISTRICT—
—62 FOOT LEVEL—
—LEGEND—

- | | |
|---------------------------------------|---------------|
| 62 FOOT LEVEL ——— | TEST PITS ——— |
| DRILL HOLES ——— | RAISES ——— |
| SHAFTS ——— | ROCK ——— |
| SLICES ——— | |
| PART OF MAIN LEVEL SHOWN IN FULL LINE | |

—SCALE—
ENGINEERING DEPT.
JANUARY 1902

Glen IR 75010.tif



OLIVER IRON MINING CO.
 MAP OF
GLEN MINE
 HIBBING DISTRICT
 75 FOOT LEVEL
 LEGEND

75 FOOT LEVEL	TEST PITS
DRILL HOLES	RAISES
SHAFTS	ROCK
SLICED	
PART OF MAIN LEVEL SHOWN IN FULL LINE	
SCALE	
ENGINEERED BY J. H. HARRIS	DRAWN BY J. H. HARRIS
JANUARY 10, 1907	

09 1531 1407 Glen Mine 33+96 ft levels A-30 61001R 96015.7.1.f



OLIVER IRON MINING CO.
 —MAP OF—
GLEN MINE
 —HIBBING — DISTRICT—
 UPPER 86 FOOT LEVEL
 —LEGEND—

- | | |
|---------------------------------------|-----------|
| 86 FOOT LEVEL | TEST PITS |
| DRILL HOLES | RAISES |
| SHAFTS | ROCK |
| SLICES | |
| PART OF MAIN LEVEL SHOWN IN FULL LINE | |

SCALE
 ENGINEERED BY
 J. H. BROWN

JANUARY 1907

Glen IR 87017110

DEEP SHAFTE

OLIVER IRON MINING CO.
— MAP OF —
GLEN MINE
— HIBBING — DISTRICT —
LOWER 86 FOOT LEVEL.
— LEGEND —

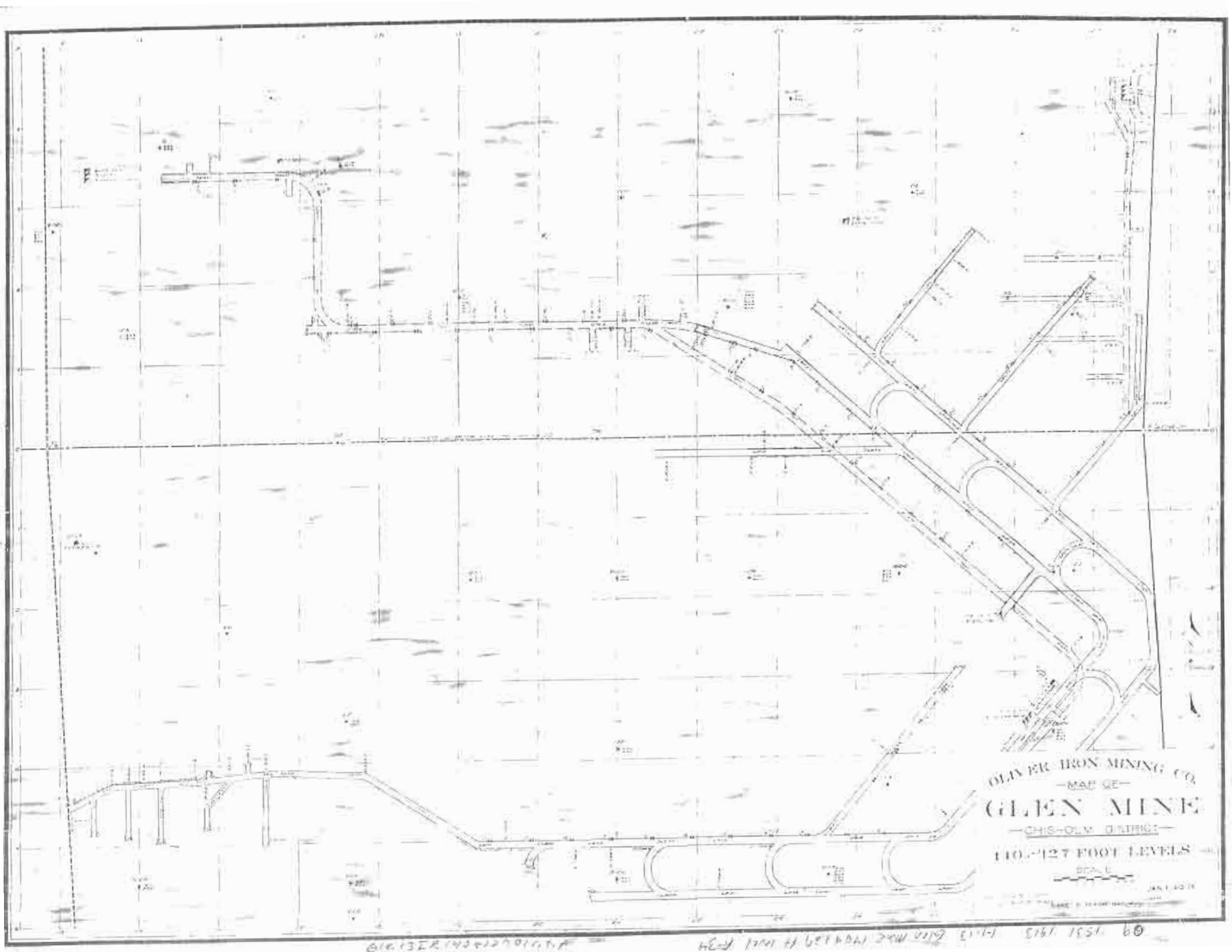
- | | |
|---------------------------------------|-----------|
| 86 FOOT LEVEL | TEST PITS |
| DRILL HOLES | RAISES |
| SHAFTS | ROCK |
| SLICES | |
| PART OF MAIN LEVEL SHOWN IN FULL LINE | |
- LANDSCAPE BY J. H. B.



OLIVER IRON MINING CO.
JAN 25
GLEN MINE.
HIBBING DISTRICT

LEGEND

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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OLIVER IRON MINING CO.
—MAP OF—
GLEN MINE
—CHIS-OLY DISTRICT—
110-127 FOOT LEVELS

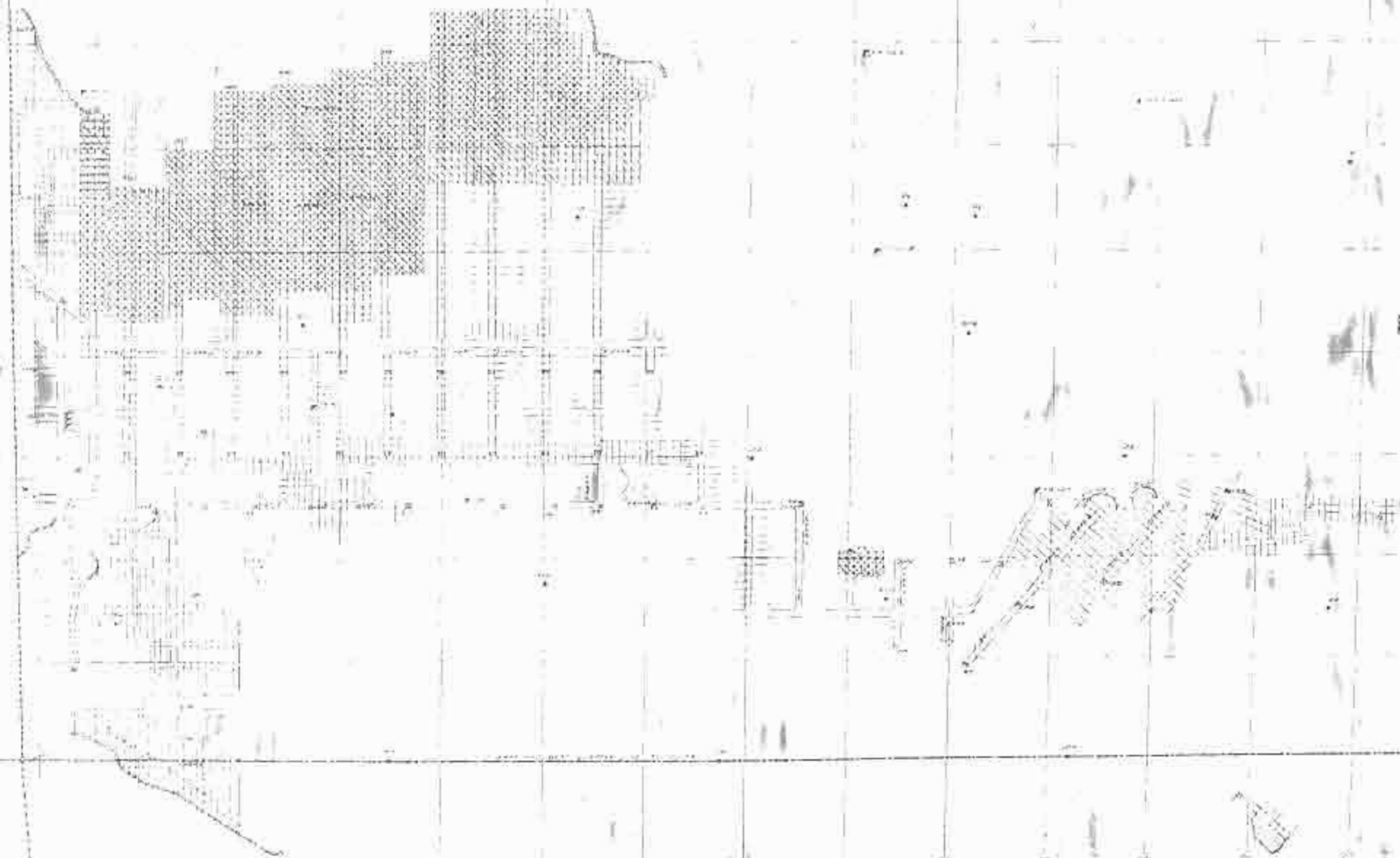
SCALE

JAN 1 1913

09 1531 1913 1-13 Glen Mine 110-127 ft level map
61013ER 1424127011.1A

OLIVER IRON MINING CO.
—MAY OF—
GREEN MINE
—CHESCHA M. DISTRICT—
OTHER 67 COOL LEVELS

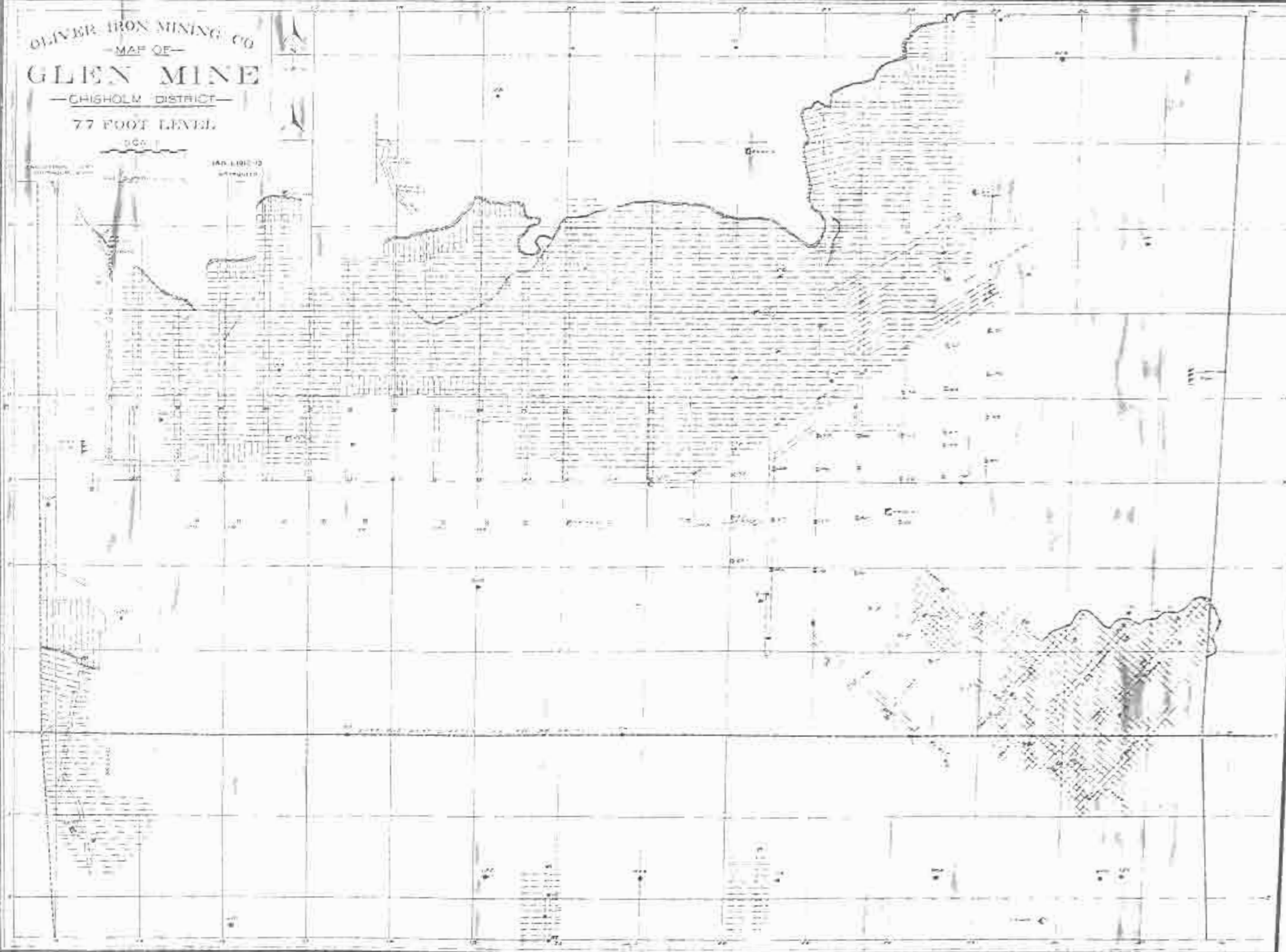
—2074—BIBLIOGRAPHY



04 1531 1913 1-1-13 Even more 64-4 77 A. level A. 34 GIC131A 675321.F

OLIVER IRON MINING CO
—MAP OF—
GLEN MINE
—CHISHOLM DISTRICT—
77 FOOT LEVEL

616131R7701N.T.F



OLIVER IRON MINING CO. —MAP OF— **GLEN MINE** —CHISHOLM DISTRICT—

LEGEND

140 FT. LEVEL	NP2 SHAFT	80 FT. LEVEL UPPER
127 FT. LEVEL		67 FT. LEVEL UPPER
114 FT. LEVEL		54 FT. LEVEL UPPER
101 FT. LEVEL		41 FT. LEVEL UPPER
88 FT. LEVEL		28 FT. LEVEL UPPER
75 FT. LEVEL		15 FT. LEVEL UPPER
SHAFTS	RAILS	DRILL HOLES
TEXT. PITS	SLICES	ROCK WALL
ROCK BOTTOM	ROCK BACK	ELEV. CO. LAY

SCALE

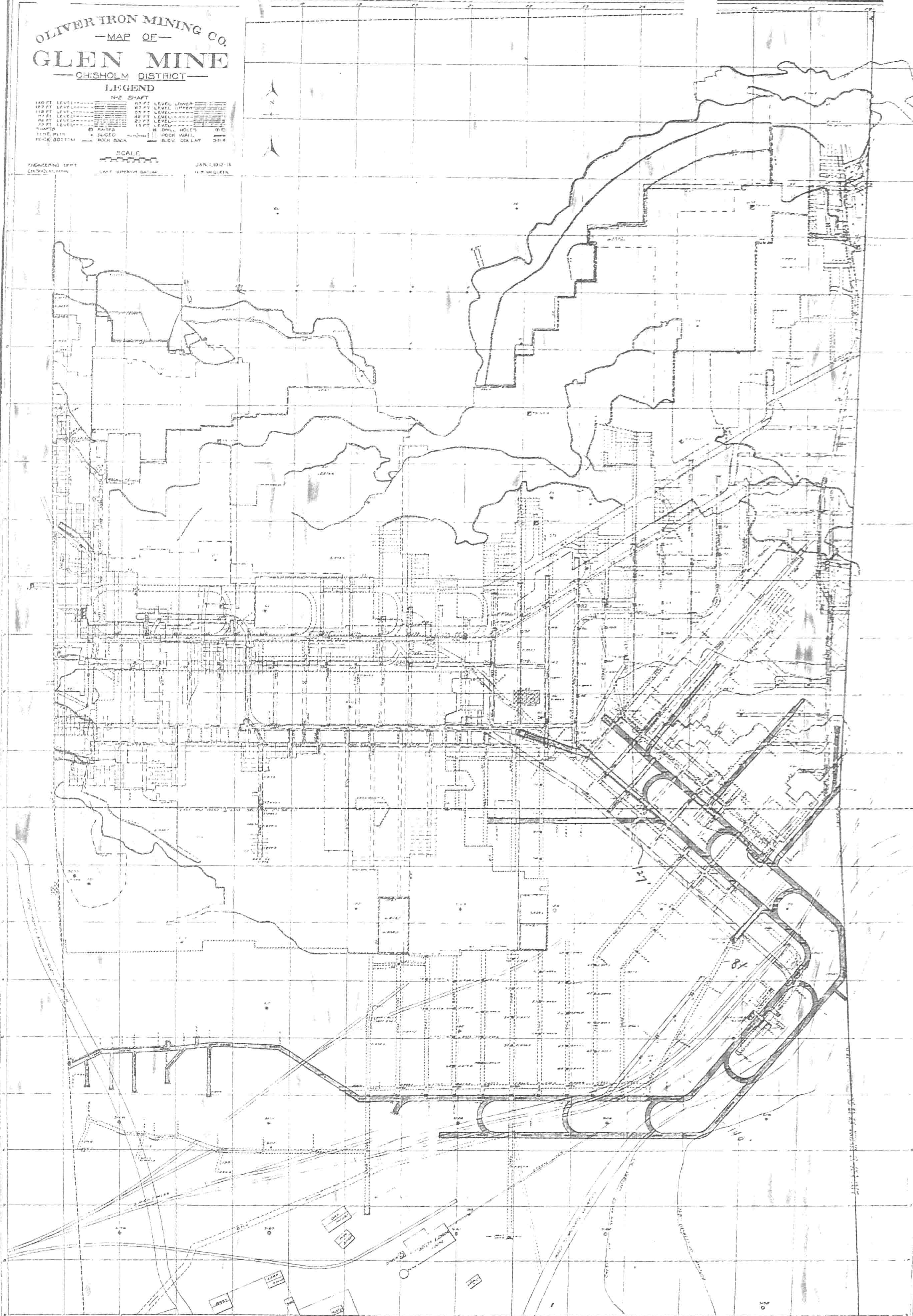
ENGINEERING DEPT.
CHISHOLM MINE

LAKE SUPERIOR BASIN

JAN. 1, 1912-13
H. B. MCGUIRE

Glen IR com 02.tif

09 1531 1913 1-1-13 Glen Mine No. 2 shaft A-34



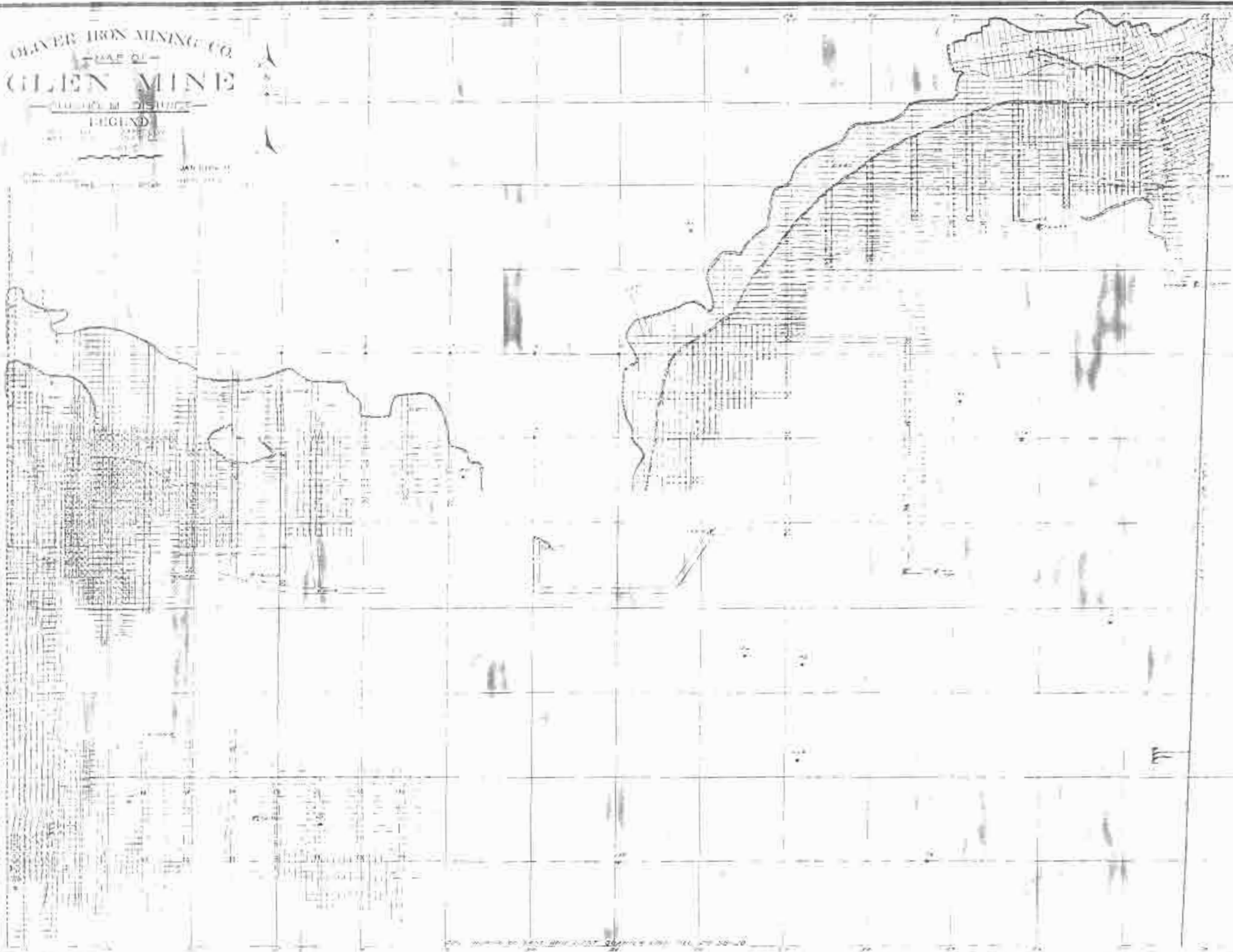
OLIVER IRON MINING CO.
 MAP OF
 GLEN MINE

SCALE OF DISTANCE
 FEET

LEGEND

1. ROAD
 2. RAILROAD
 3. STREAM
 4. FENCE
 5. CREEK

WATER



09 1531 1913 1-1-13 Glen Mine map app'd 6/14/13 pgs 9-34

Site 13 IR map of 1913 Glen Mine map app'd 6/14/13 pgs 9-34

OLIVER IRON MINING CO.
—MAP OF—
GLEN MINE
—CHISHOLM DISTRICT—
UPPER 67 FOOT LEVEL

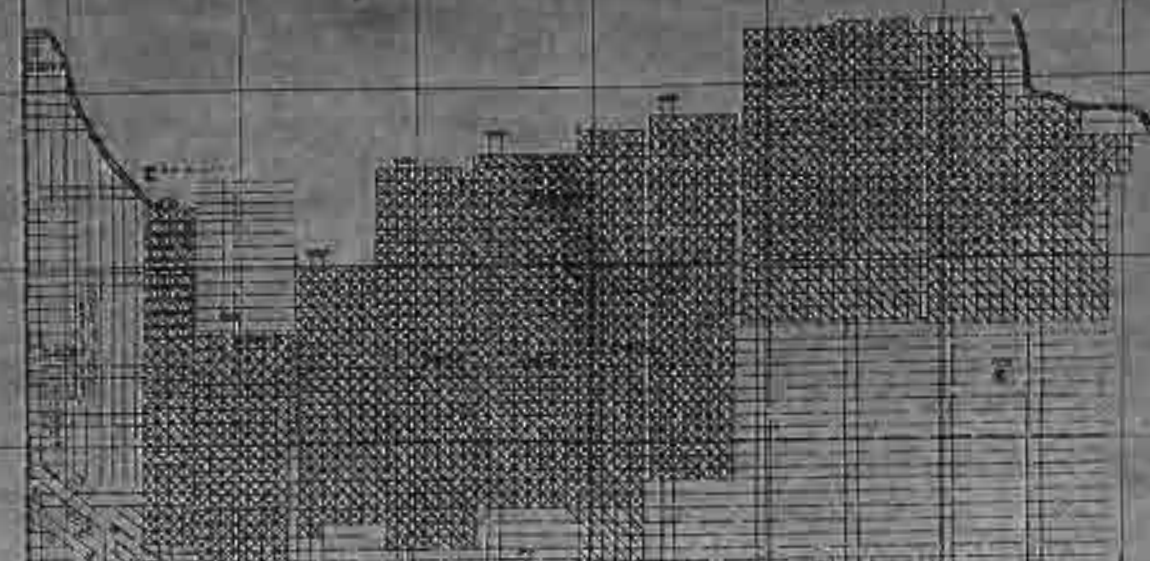


SCALE

1" = 100'

1" = 100'

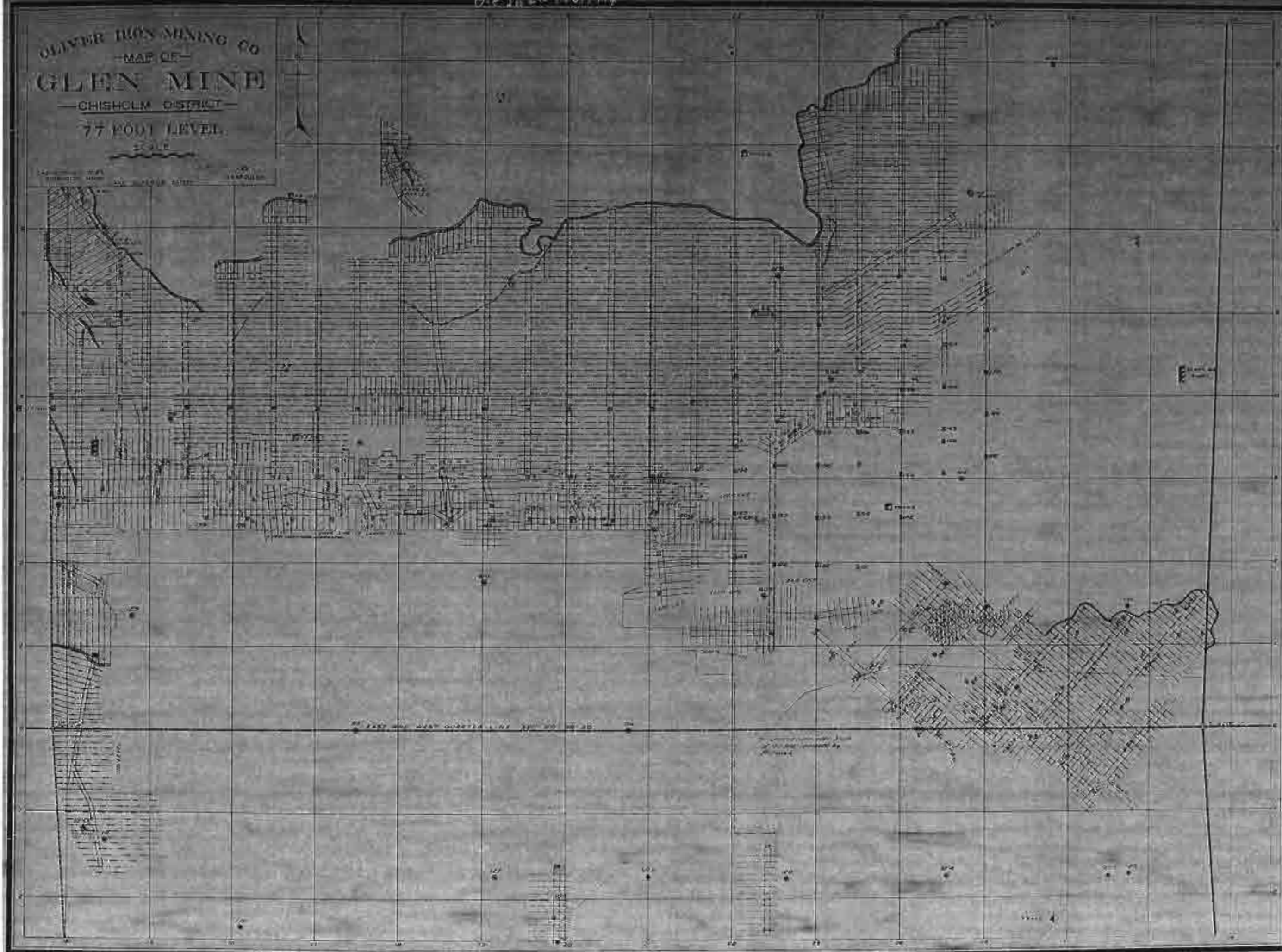
1" = 100'

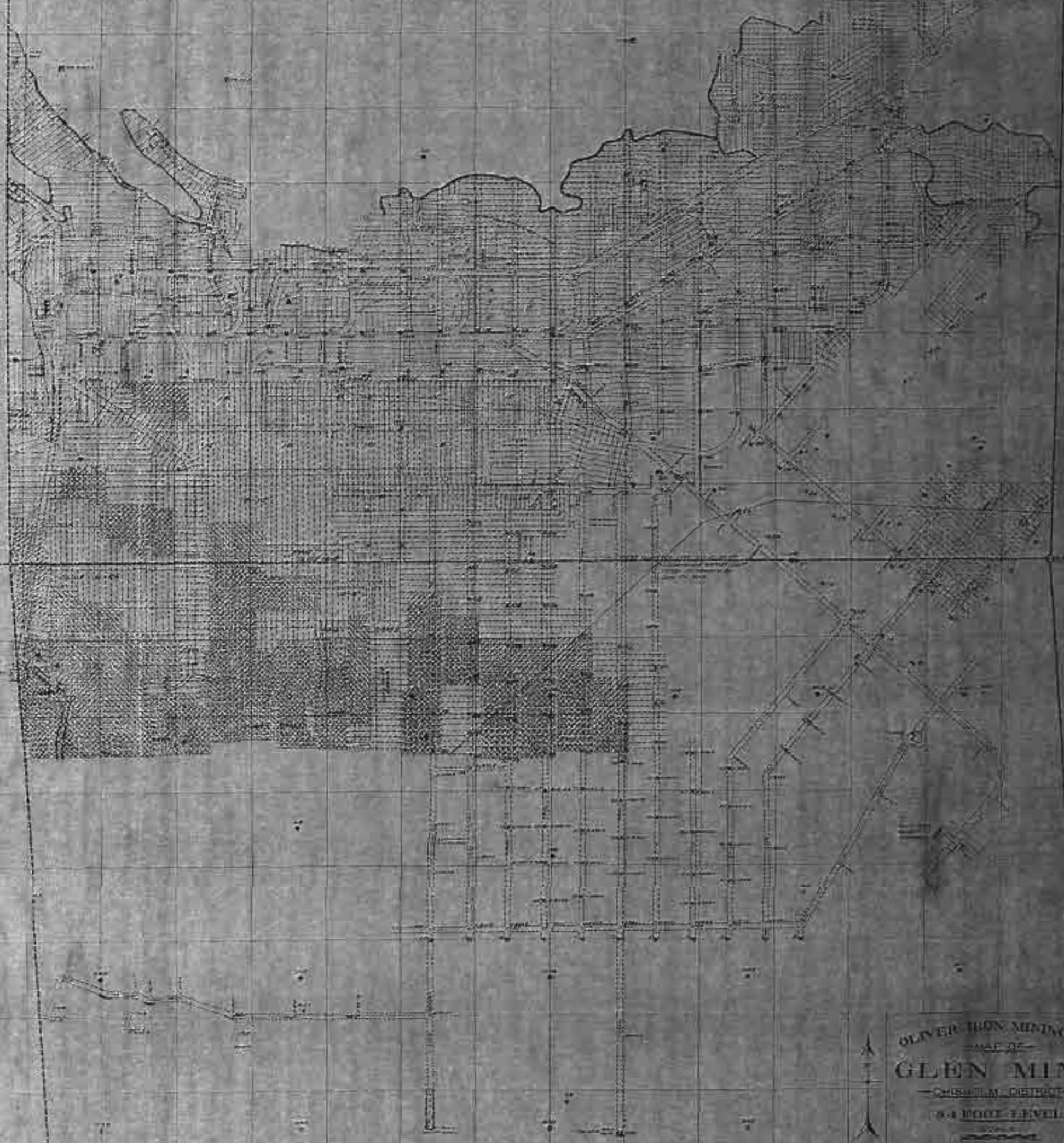


1935 AND 1936 QUARTERLY MAPS BY J. L. BROWN

OLIVER IRON MINING CO
—MAP OF—
GLEN MINE
—CHISHOLM DISTRICT—
77 FOOT LEVEL

SCALE
1" = 100' HORIZONTAL
1" = 100' VERTICAL



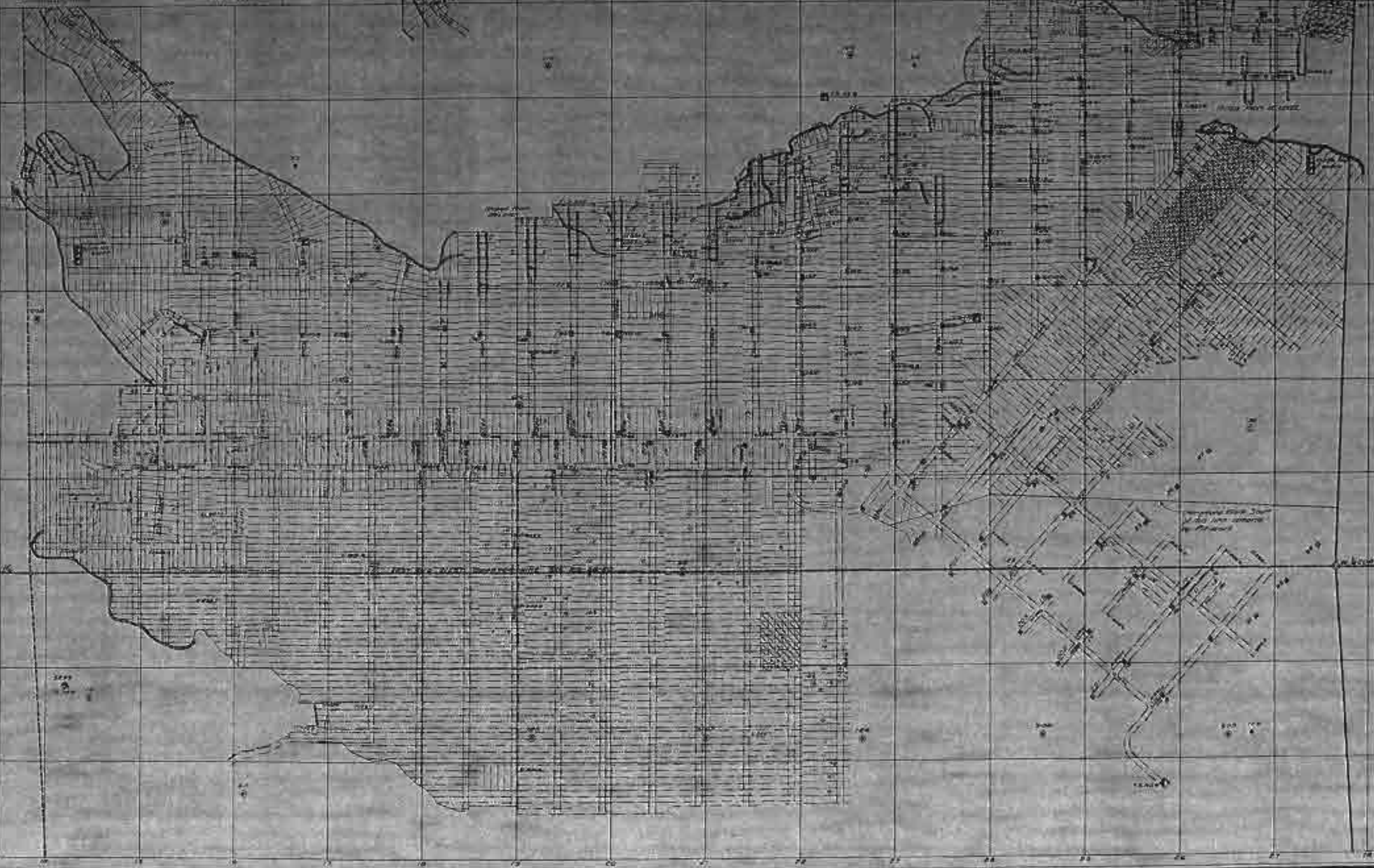


OLIVER IRON MINING CO.
— MAP OF —
GLEN MINE
— CHRYSLER DISTRICT —
800 FOOT LEVEL
SCALE
1" = 100'

OLIVER IRON MINING CO.
— MAP OF —
GLEN MINE
— CHISHOLM DISTRICT —
87 FOOT LEVEL.

ENGINEERED BY
C. H. BROWN

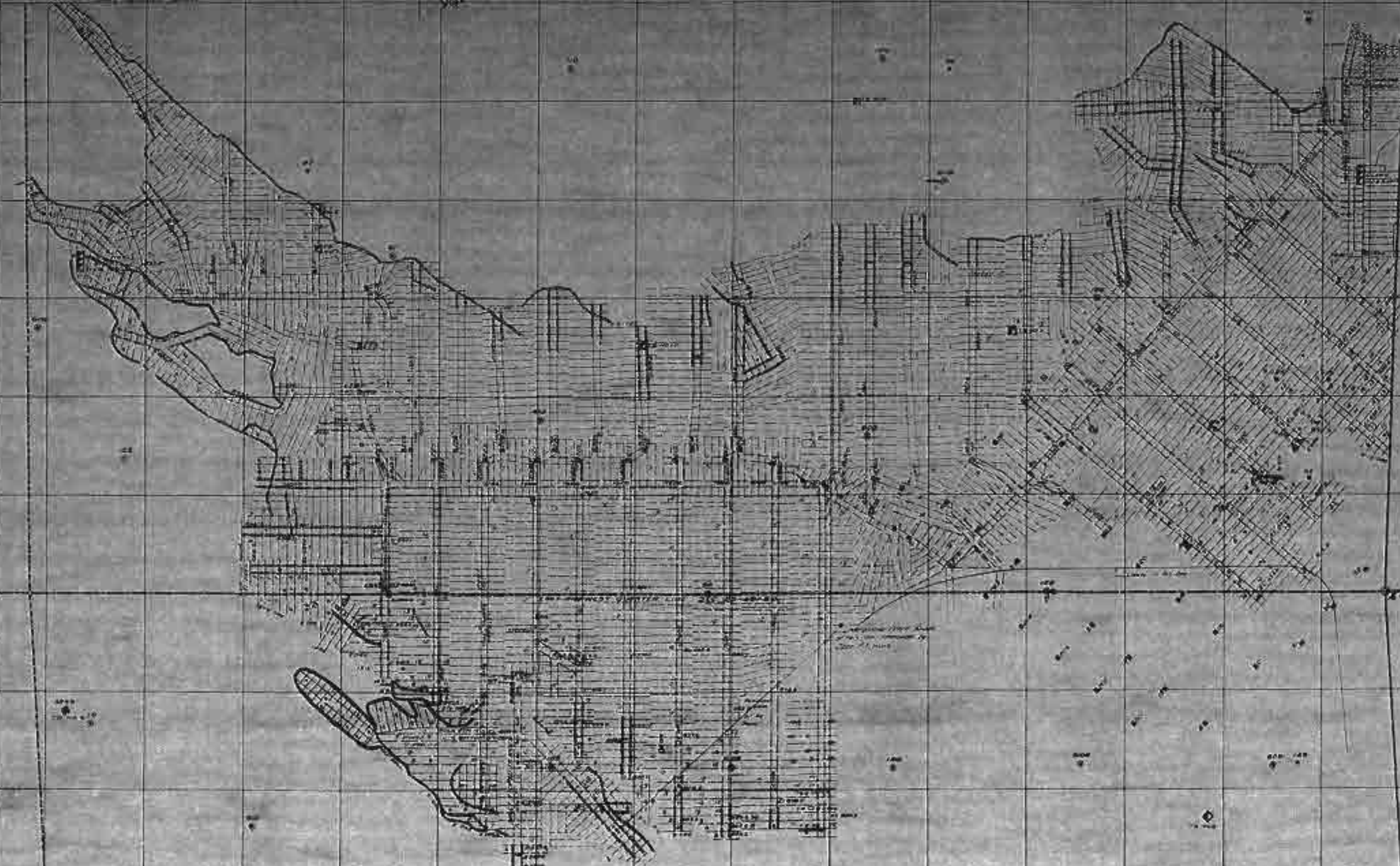
Scale 1" = 100'
N. 1/2 S. 1/4 Sec. 36, T. 10 N., R. 10 E., S. 10

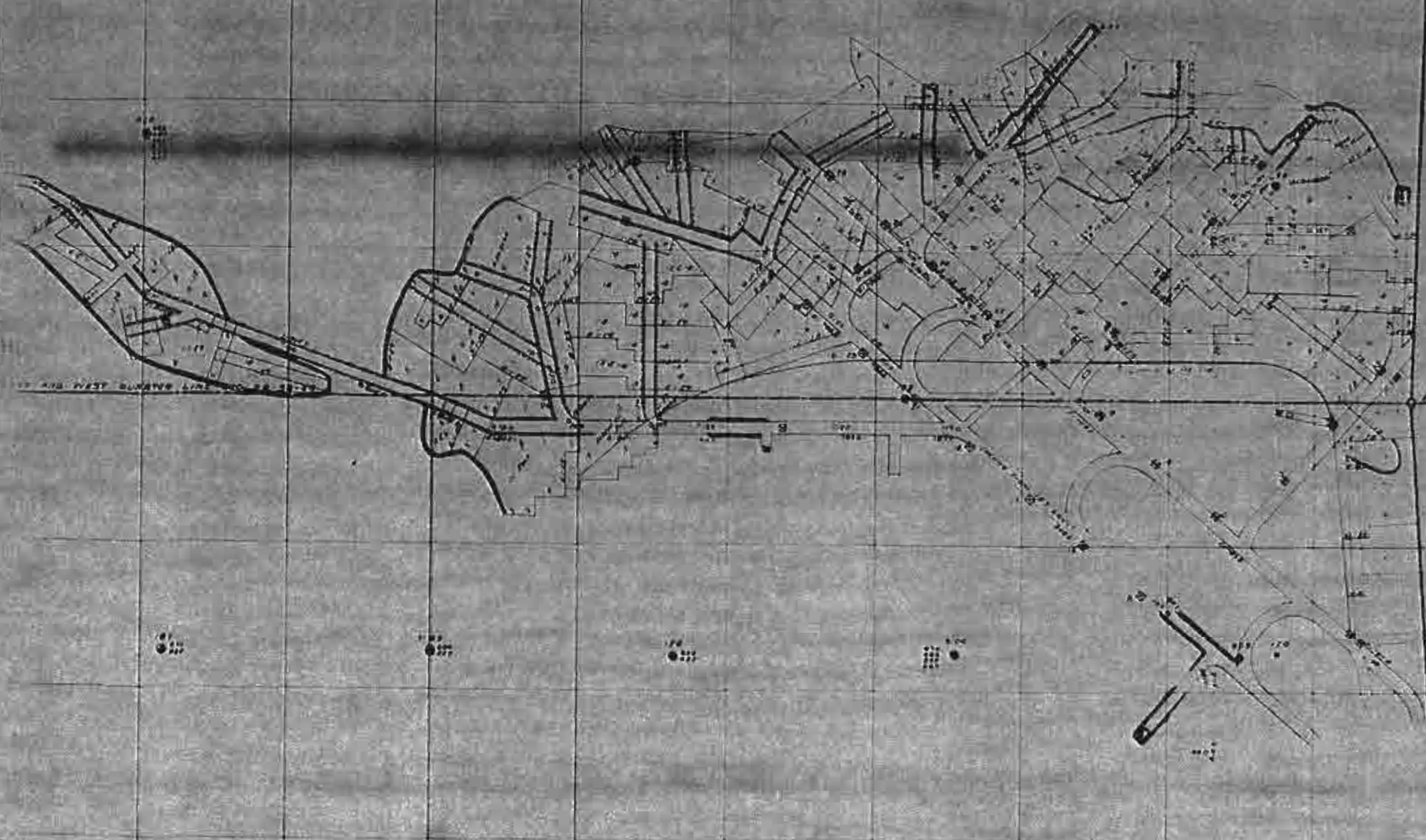


OLIVER IRON MINING CO.
—MAP OF—
GLEN MINE
—CHISHOLM DISTRICT—
142 FOOT LEVEL



ENGINEERED BY
CHISHOLM DISTRICT
MINING ENGINEER
JAMES H. GIBSON
DRAWN BY
JAMES H. GIBSON





OLIVER IRON MINING CO.
— MAP OF —
GLEN MINE
— CHISHOLM DISTRICT —

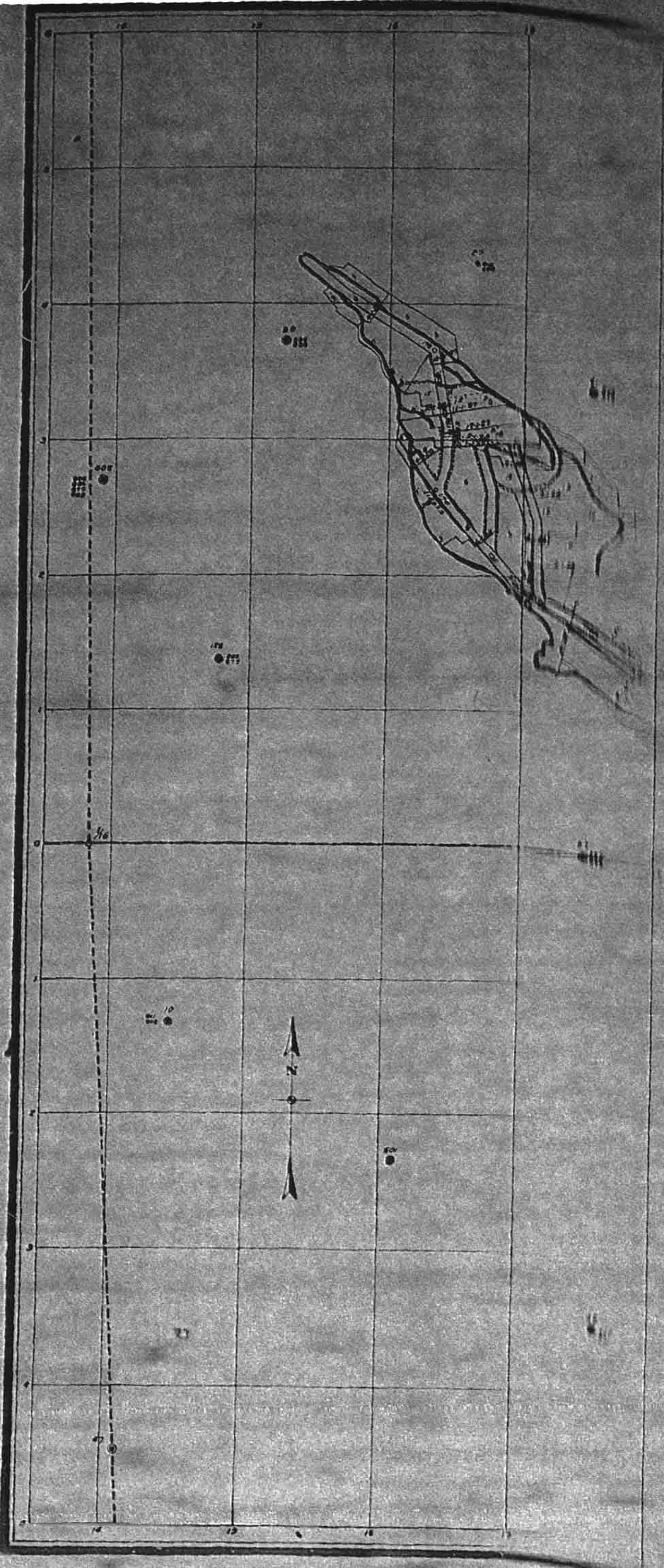
110 FOOT LEVEL

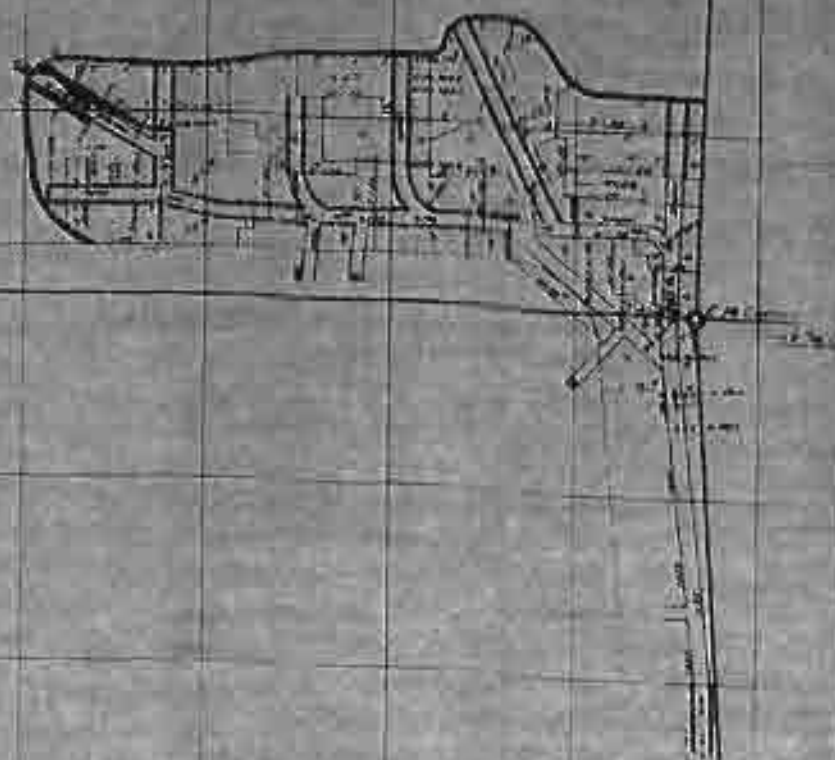
SCALE



ENGINEERING DEPT.
CHISHOLM MINE

U.S.G. 2, 1917.
LARGE SCALE FOR DETAIL





OLIVER IRON MINING CO
— MAP OF —
GLEN MINE
— CHISHOLM DISTRICT —
154 FOOT LEVEL
SCALE
1" = 100'



Prepared by
J. H. ...
1911

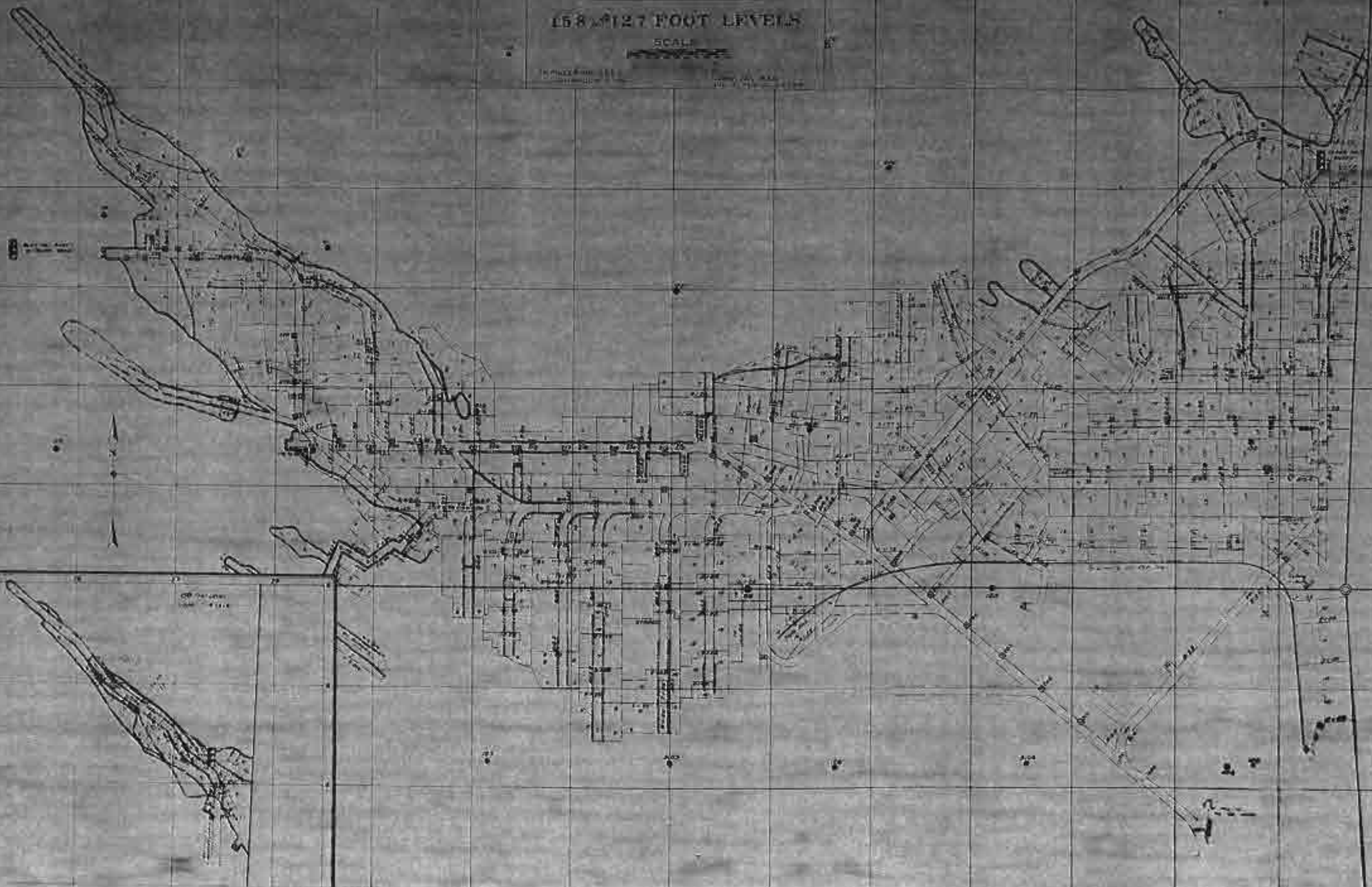
OLIVER IRON MINING CO.
—MAP OF—
GLEN MINE
—CHESLEY DISTRICT—

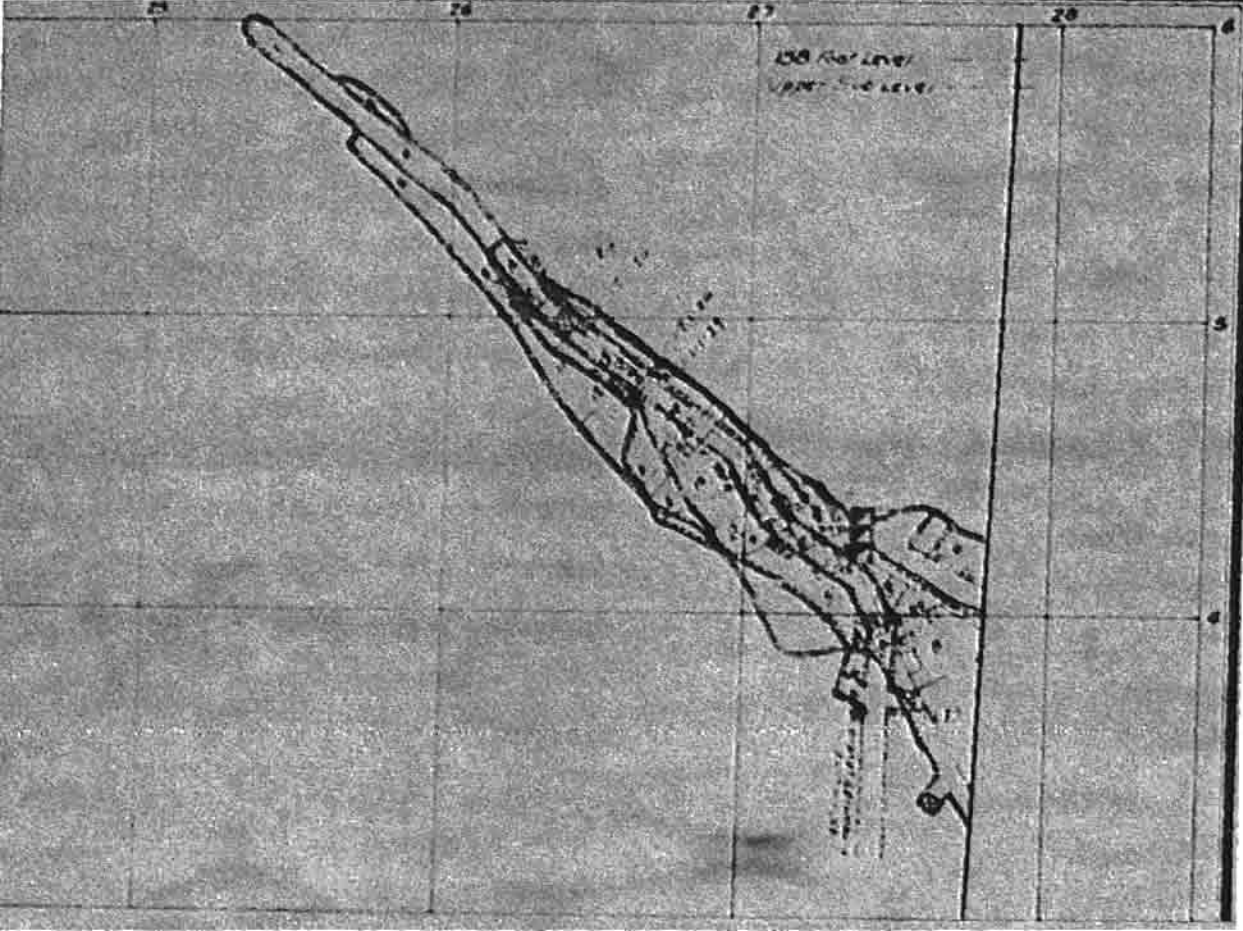
158 & 127 FOOT LEVELS

SCALE

1 INCH = 100 FEET

100 FEET





OLIVER IRON MINING CO.
— MAP OF —
GLEN MINE
— CHISHOLM DISTRICT —
LEGEND

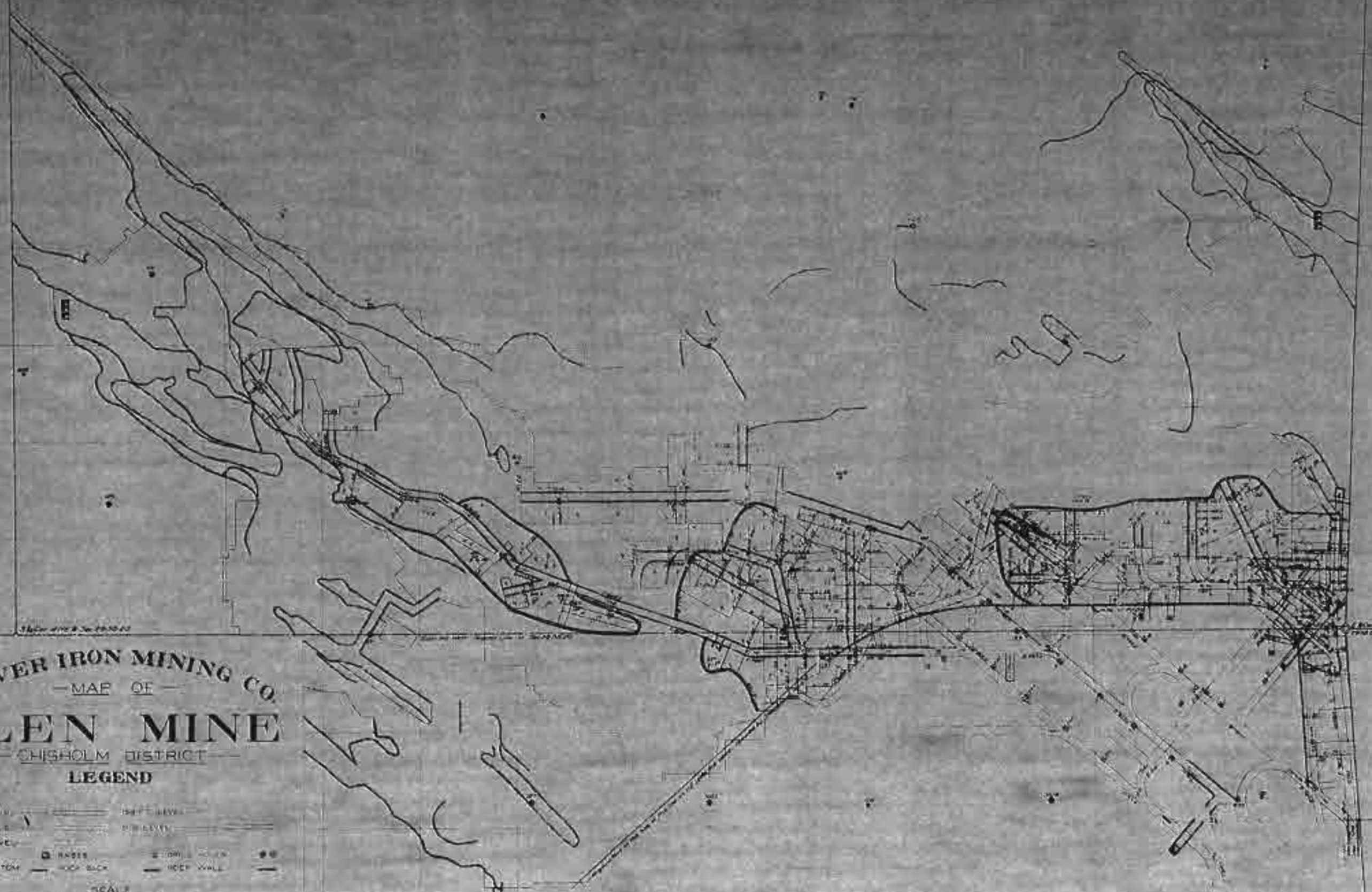
100' LEVEL	100' LEVEL
150' LEVEL	150' LEVEL
200' LEVEL	200' LEVEL
SHAFTS	RAISES
ROCK BOTTOM	ROCK BACK
	ROCK WALL

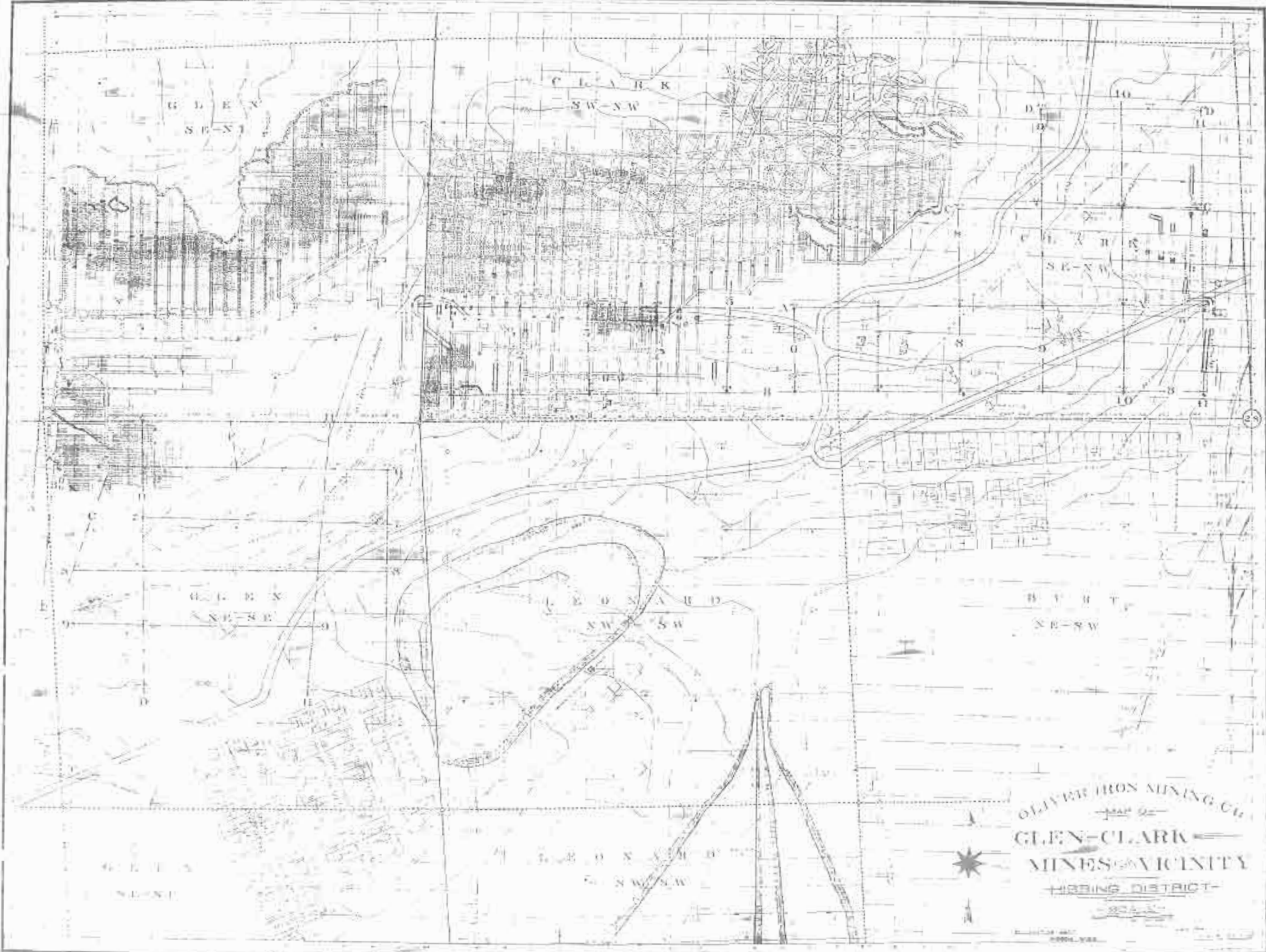
SCALE

ENGINEERING DEPT.
CHISHOLM MINE

MAP & SURVEY SECTION
1910

W. H. HARRIS
1910







SE-SE (10) NE-SE-Sec. 29-58-20
SCALE 1"=140'

- LEGEND -

DRILL HOLE IN ORE
FREE NOT IN ORE

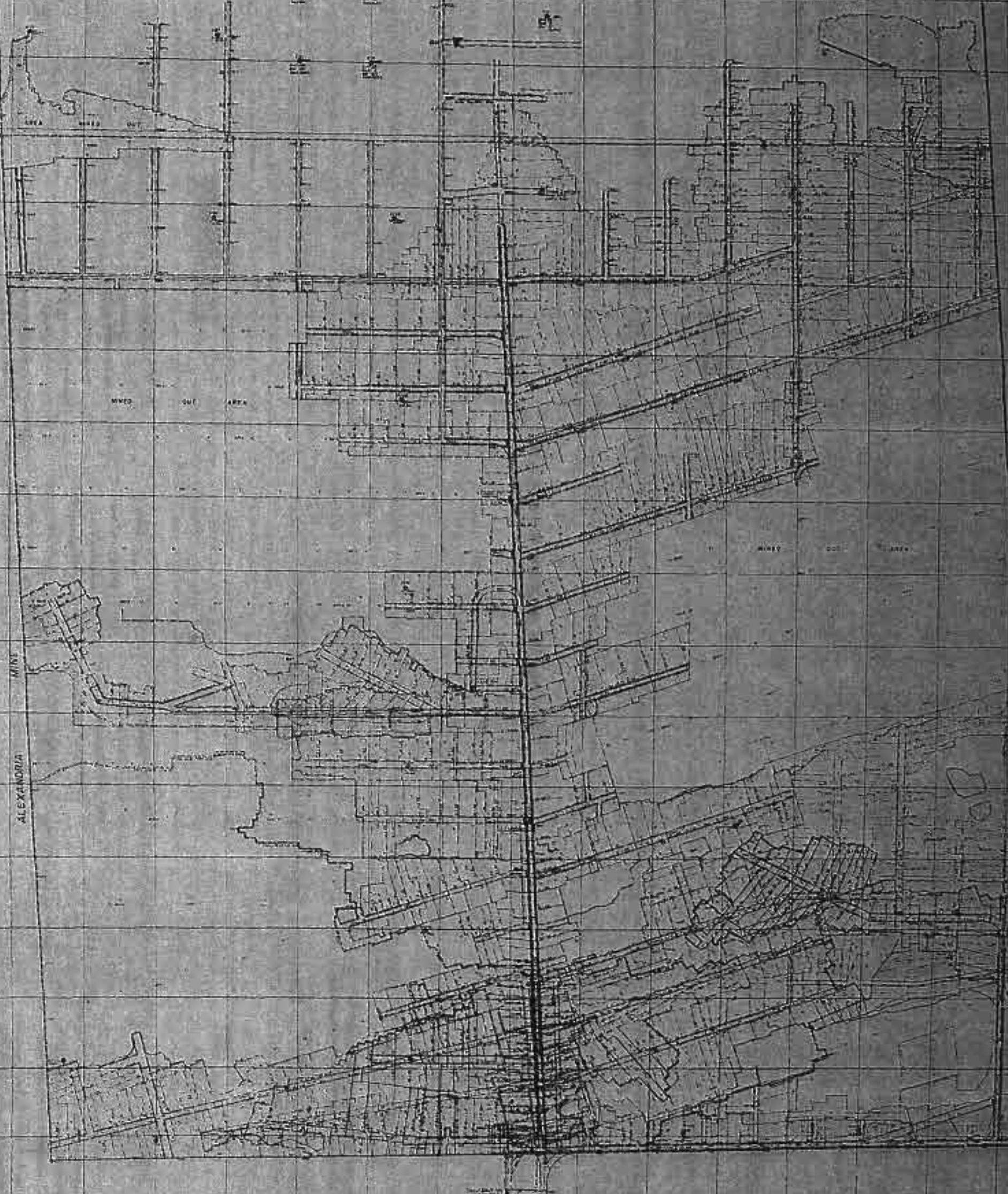
226 FT LEVEL _____
304 FT LEVEL _____

CHUTE
LADDER-WAY
WINZE
SHAFT

UP TO [REDACTED]
NDED BY U.S.F.

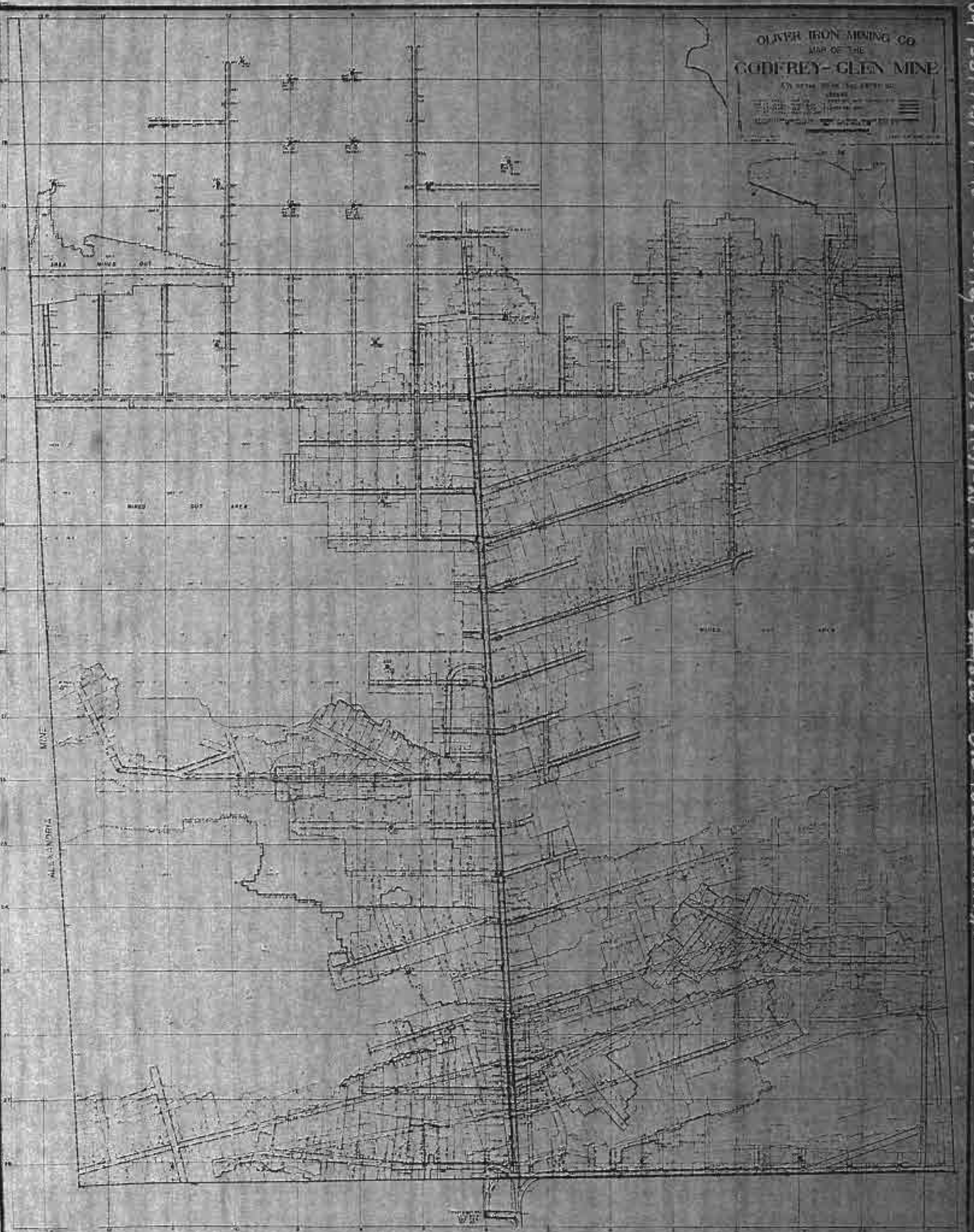
MANAGER	
13	12

OLIVER IRON MINING CO
 MAP OF THE
GODFREY-GLEN MINE
 ELEVATION 800 FT. 24/00/20
 LEGEND
 MINES 100 FT. 24/00/20
 RAILROADS 100 FT. 24/00/20
 RIVERS 100 FT. 24/00/20
 LAKES 100 FT. 24/00/20
 TOWNSHIP 100 FT. 24/00/20
 COUNTY 100 FT. 24/00/20
 STATE 100 FT. 24/00/20
 COUNTRY 100 FT. 24/00/20



600481R

OLIVER IRON MINING CO
 MAP OF THE
CODFREY-GLEN MINE
 BY THE IRON MINING CO.
 1951



09 1531 1951 1-1-46 Codfrey Glen E SE 29-58-20 N 95
 64461610 Codfrey Glen E SE 29-58-20 N 95

