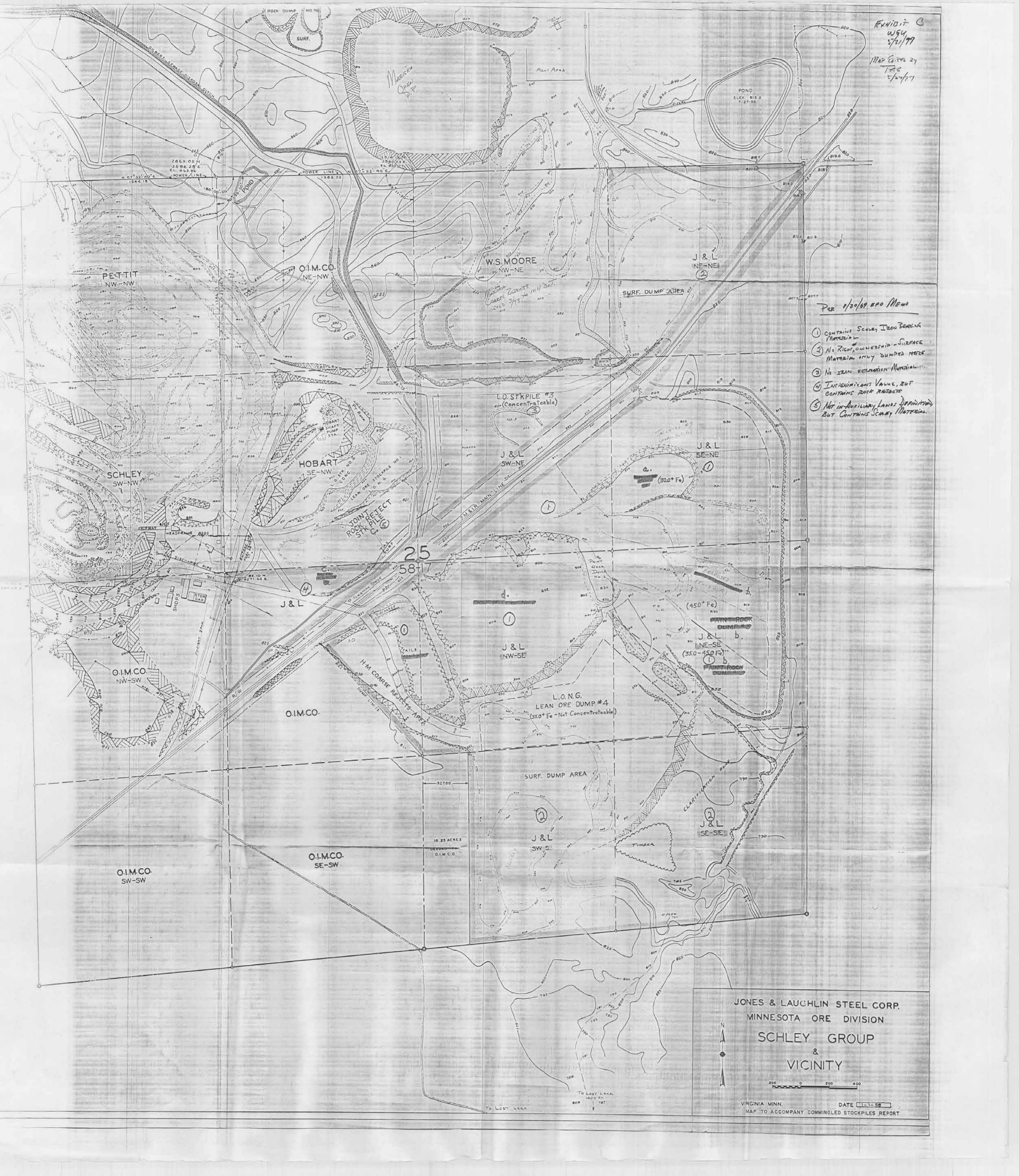




EXHIBIT C  
 W94  
 5/21/77  
 MAP E-700 24  
 TAG  
 7/2/77

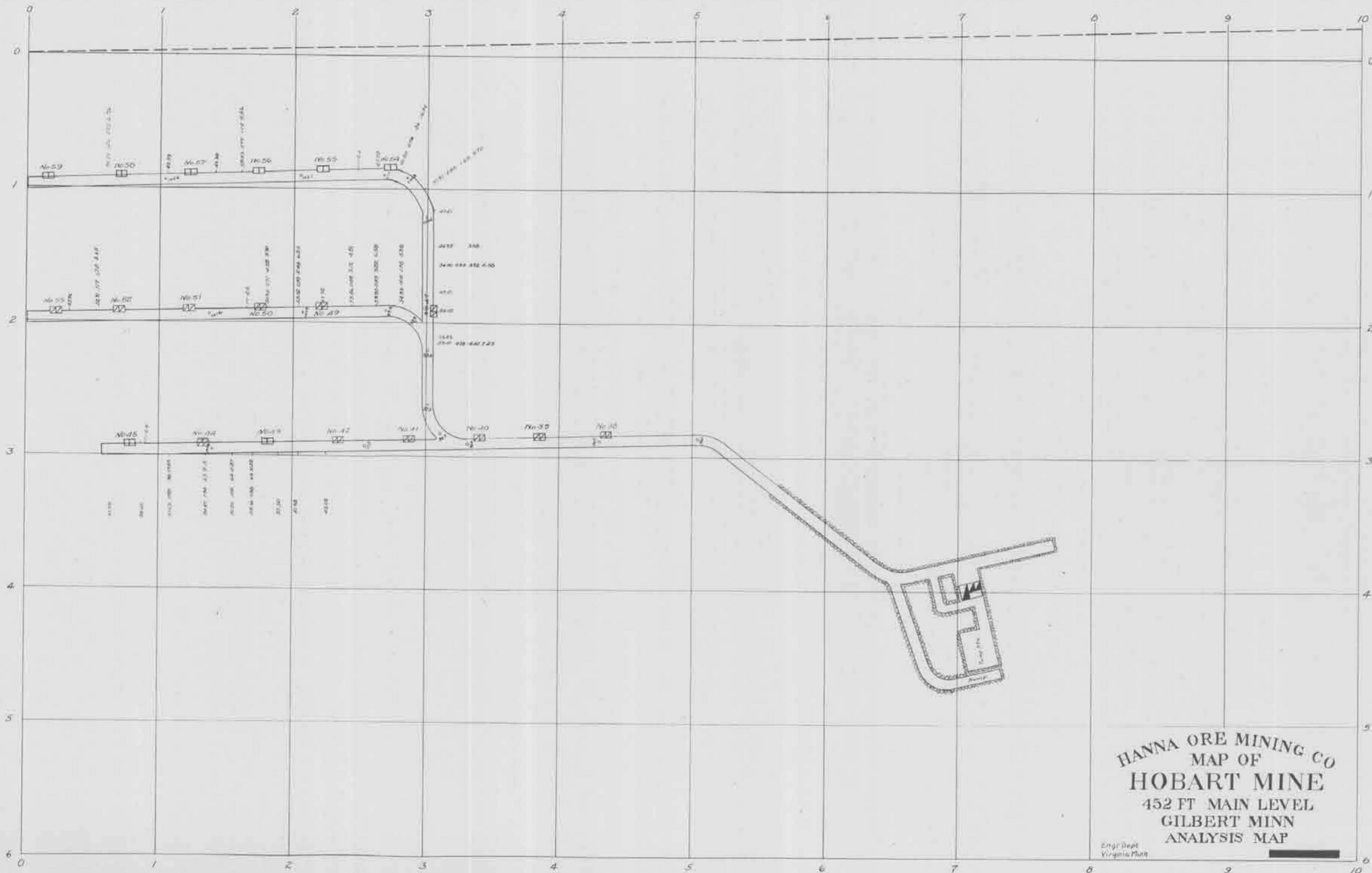
- PER 1/30/67 BPO MEMO
- ① CONTAINS SCARCE IRON BEARING MATERIAL
  - ② NO RICH UNDERGROUND SURFACE MATERIAL ONLY DUMPED HERE
  - ③ NO IRON SOLUTION MATERIAL
  - ④ INSIGNIFICANT VALUE, BUT CONTAINS ROCK RESIDUE
  - ⑤ NOT IN AUXILIARY LANDS DEFINITELY BUT CONTAINS SCARCE MATERIAL



JONES & LAUGHLIN STEEL CORP.  
 MINNESOTA ORE DIVISION  
 SCHLEY GROUP  
 &  
 VICINITY

VIRGINIA MINN. DATE 1-1-58  
 MAP TO ACCOMPANY COMMINGLED STOCKPILES REPORT

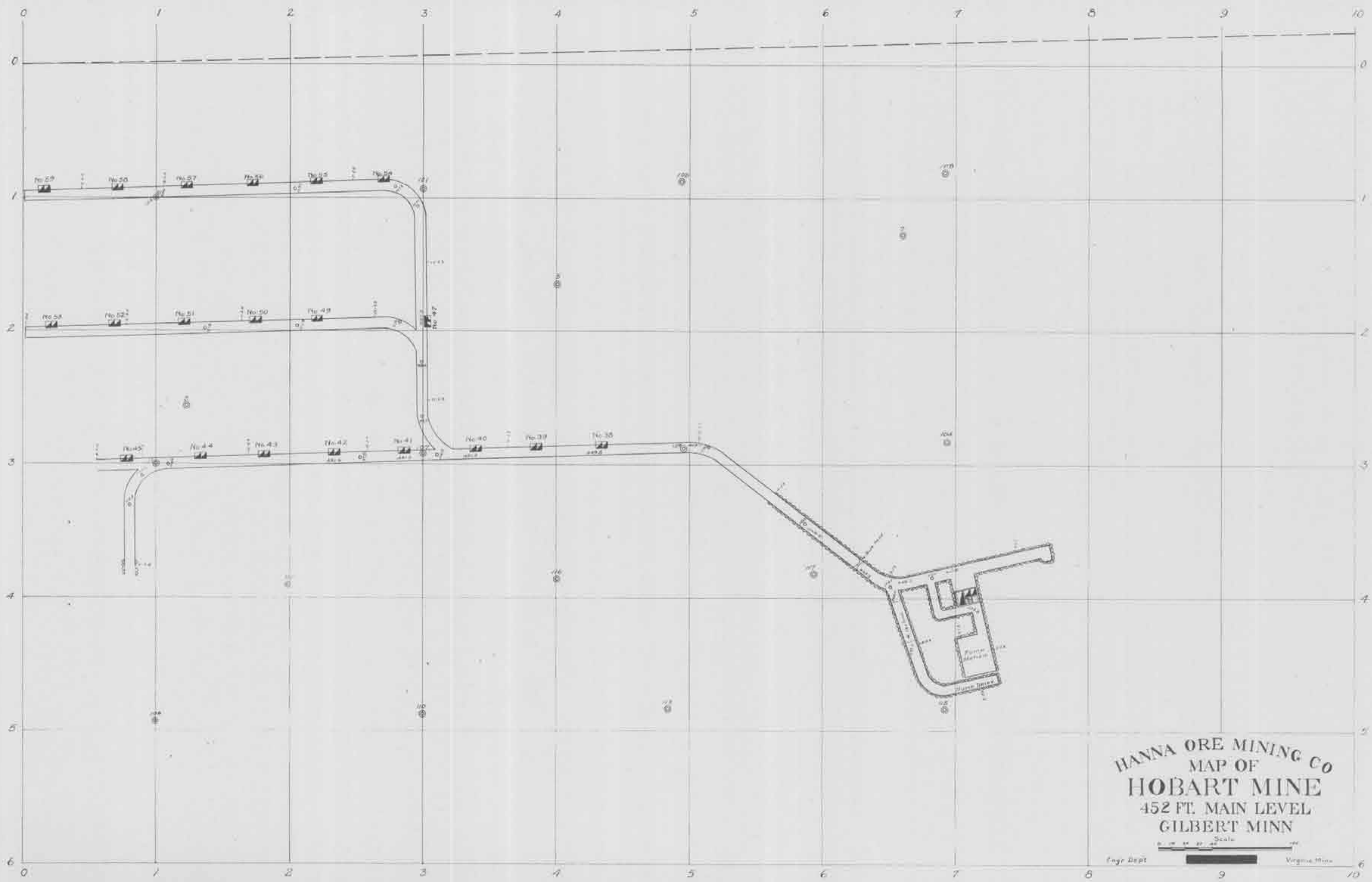




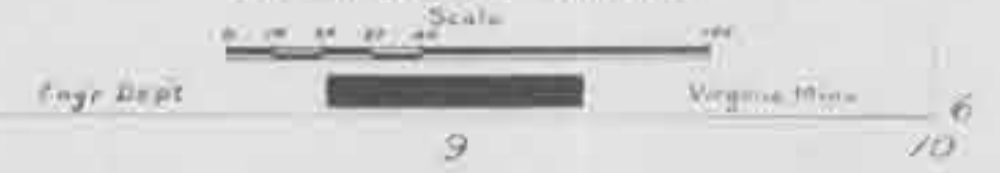
HANNA ORE MINING CO  
 MAP OF  
**HOBART MINE**  
 452 FT MAIN LEVEL  
 GILBERT MINN  
 ANALYSIS MAP

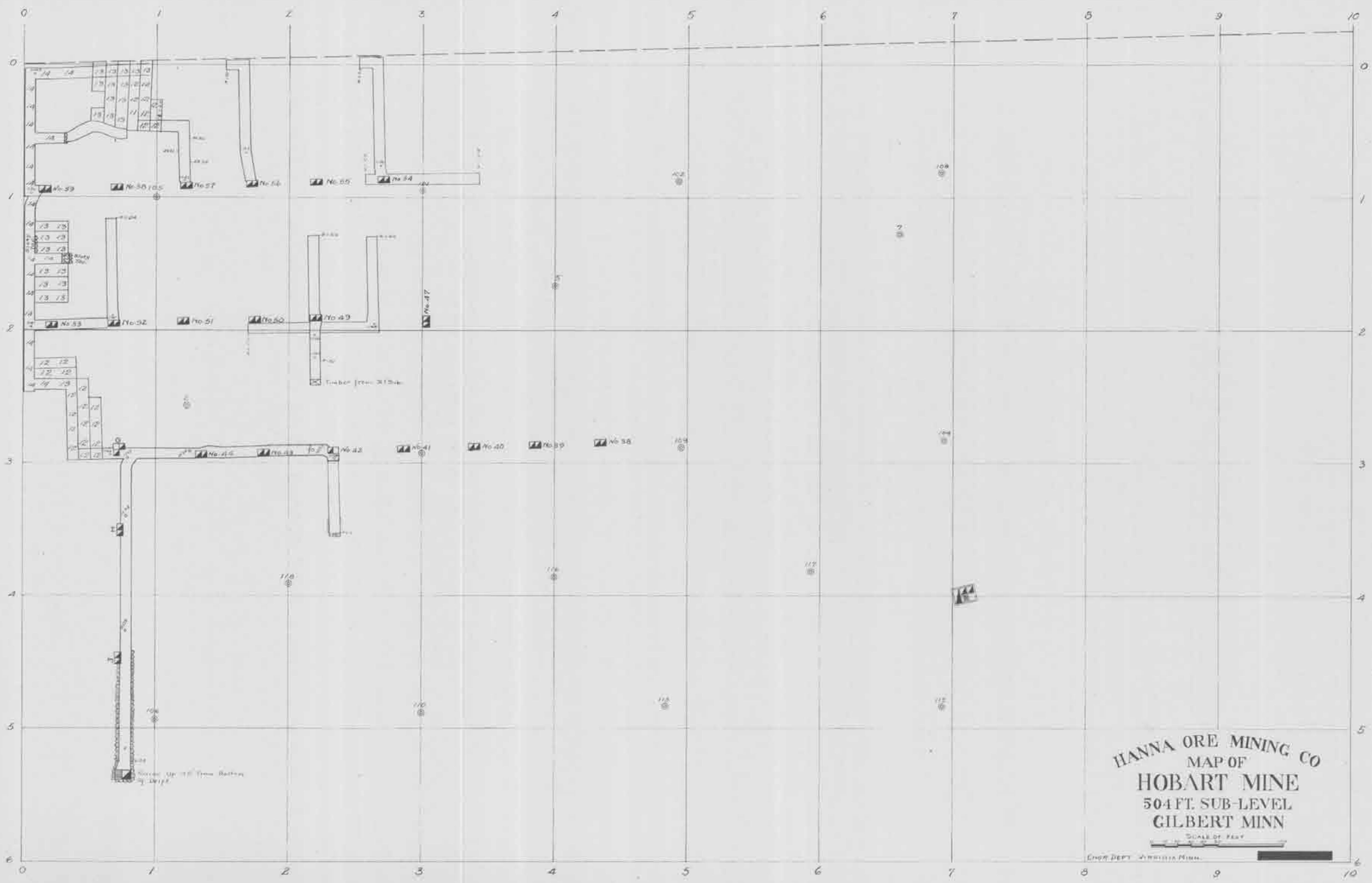
Engr Dept  
 Virginia Plant



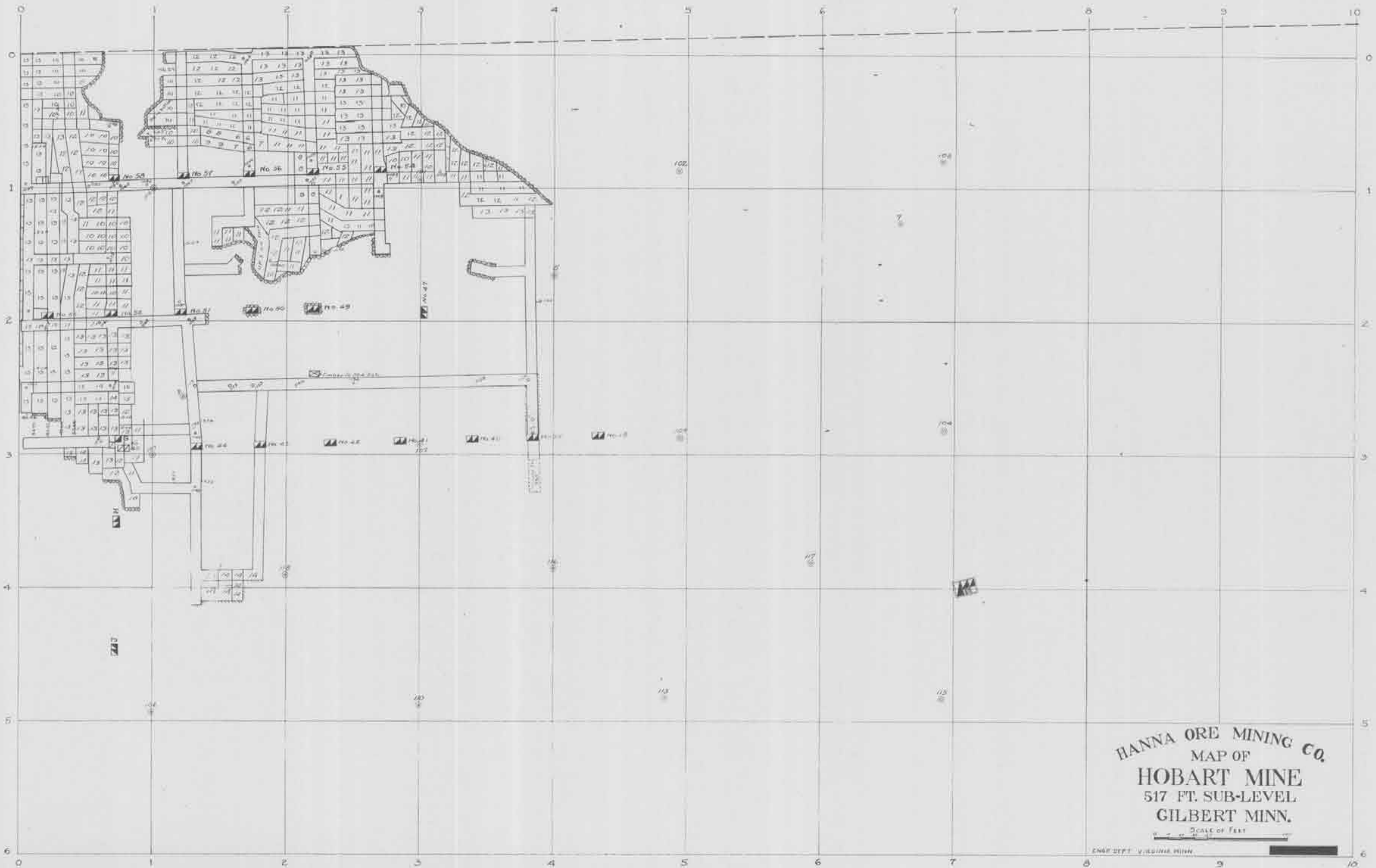


HANNA ORE MINING CO  
 MAP OF  
**HOBART MINE**  
 452 FT. MAIN LEVEL  
 GILBERT MINN





SCALE OF FEET  
 ENG'G DEPT. MINN. DEPT. MINN.

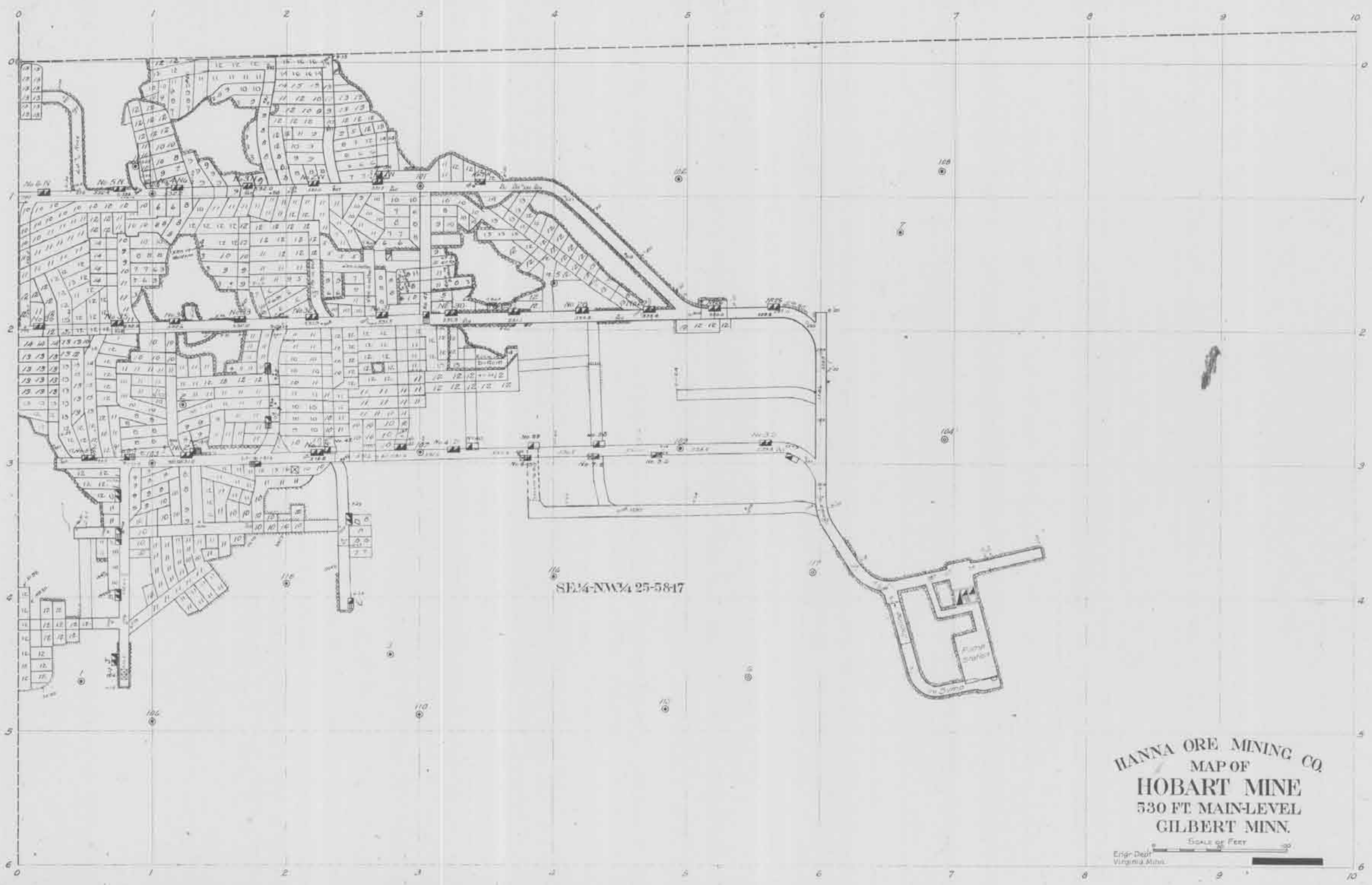


HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 517 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET



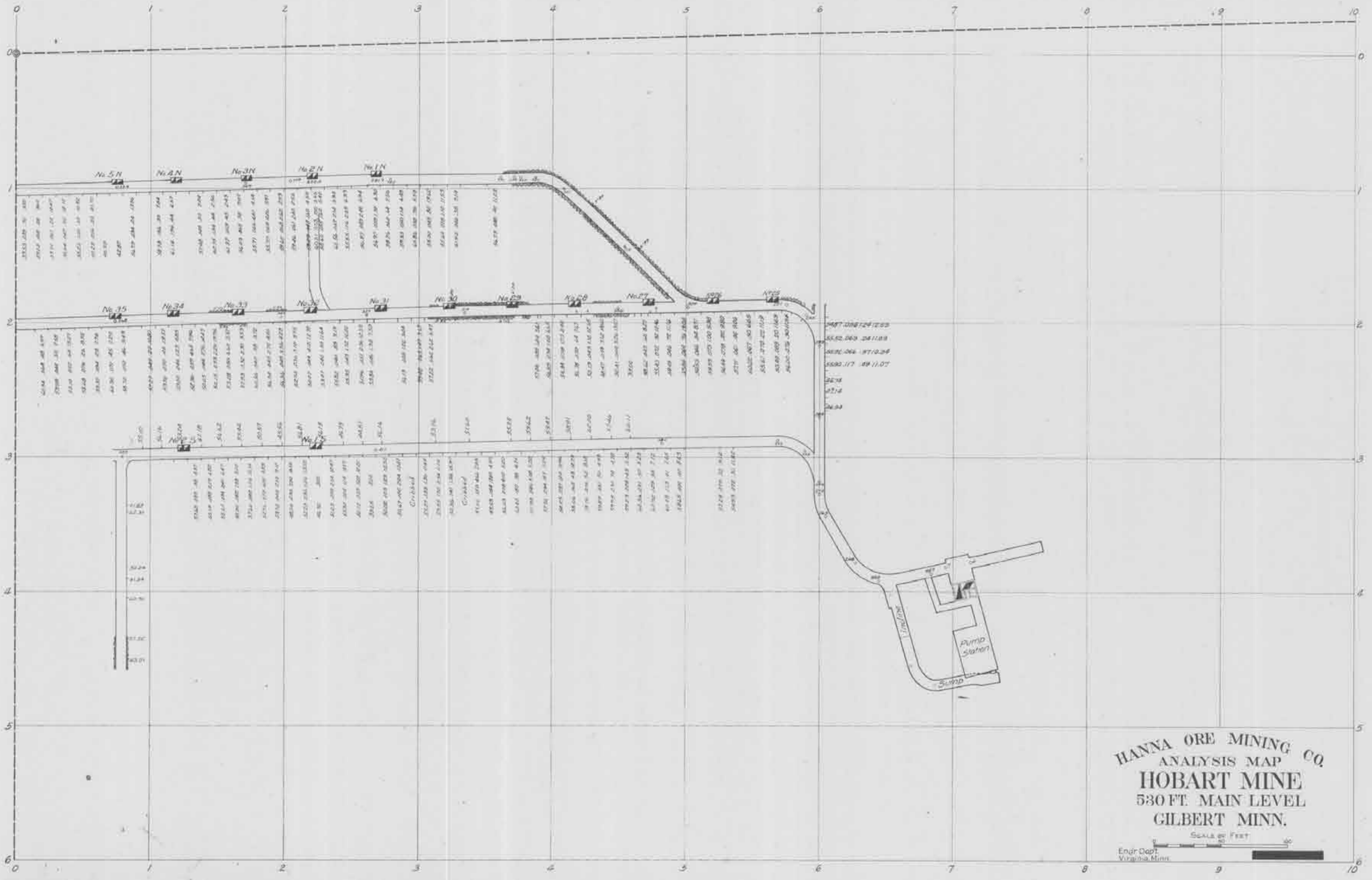




HANNA ORE MINING CO.  
MAP OF  
**HOBART MINE**  
530 FT MAIN-LEVEL  
GILBERT MINN.

SCALE OF FEET  
0 10 20 30 40 50 60 70 80 90 100  
Erigr Deur  
Virginia Mills





HANNA ORE MINING CO.  
 ANALYSIS MAP  
 HOBART MINE  
 530 FT. MAIN LEVEL  
 GILBERT MINN.

SCALE IN FEET  
 0 50 100  
 Engr. Dept.  
 Virginia Minn.

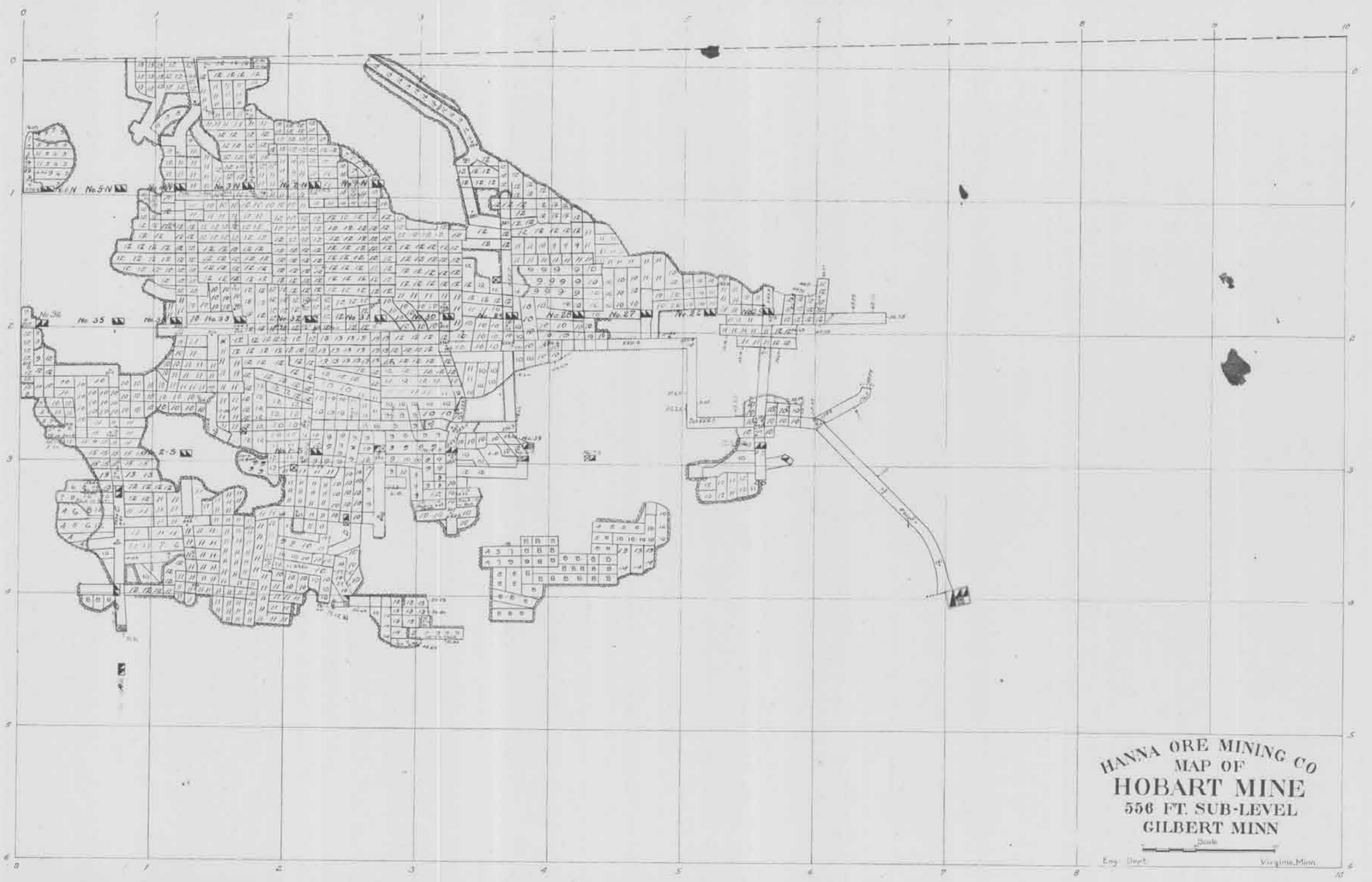




HANNA ORE MINING CO  
 MAP OF  
 HOBART MINE  
 544 FT SUB-LEVEL  
 GILBERT MINN

Scale  
 Eng' Dept Virginia, Minn





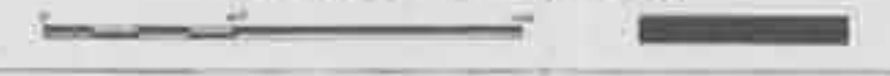
HANNA ORE MINING CO  
 MAP OF  
**HOBART MINE**  
 556 FT. SUB-LEVEL  
 GILBERT MINN

Scale  
 Eng. Dept. Virginia, Minn.





HANNA ORE MINING CO  
 MAP OF  
 HOBART MINE  
 568 FT. SUB-LEVEL  
 GILBERT, MINN.







HANNA ORE MINING CO  
 MAP OF  
**HOBART MINE**  
 580 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 Eng. Dept Virginia, Minn.





HANNA ORE MINING CO.  
 ANALYSIS MAP  
**HOBART MINE**  
 580 FT SUB-LEVEL  
 GILBERT, MINN.

Eng'g Dept.      Virginia, Minn.





HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 592 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 Engr Dept  
 Virginia, Minn.

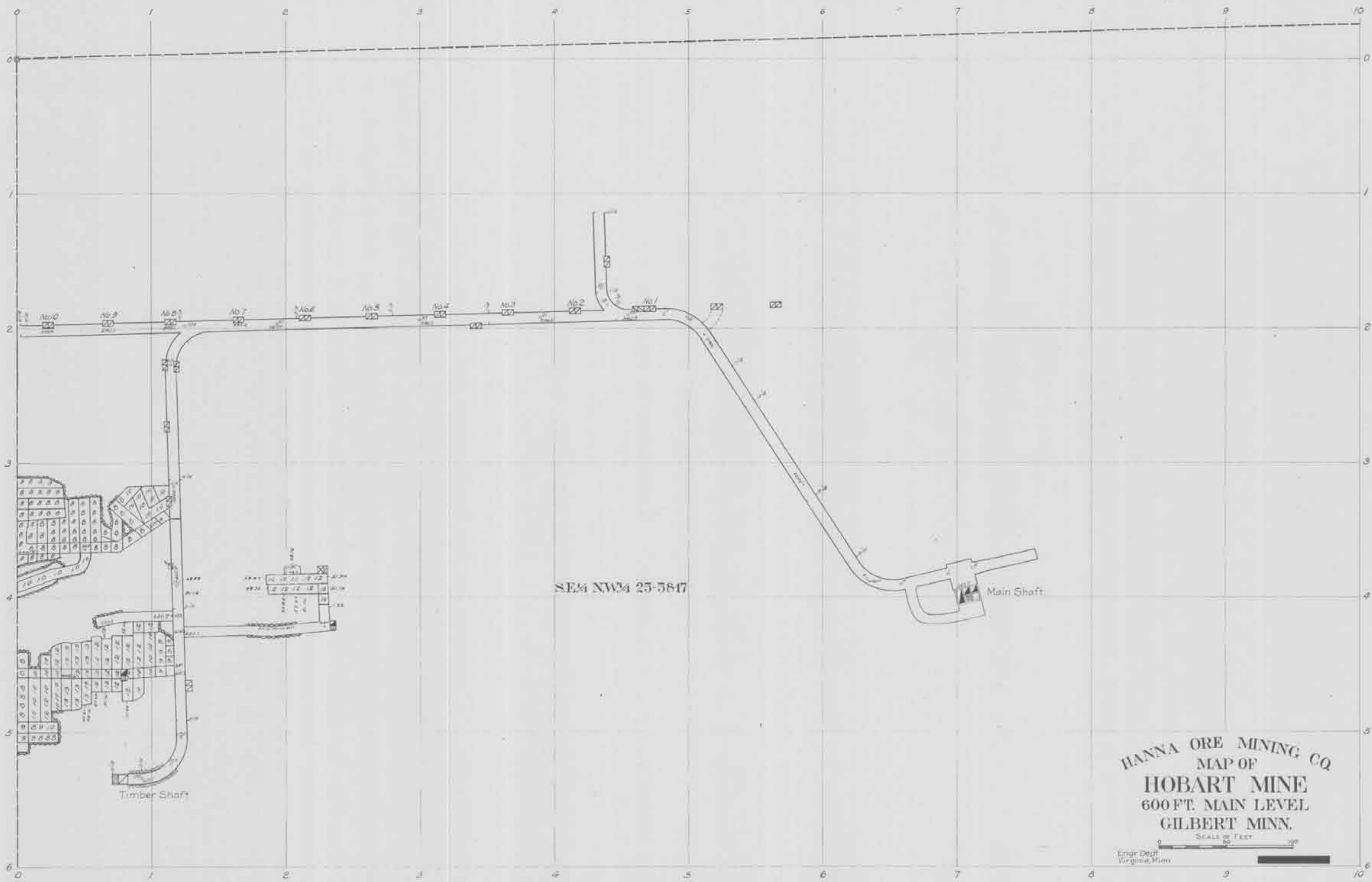




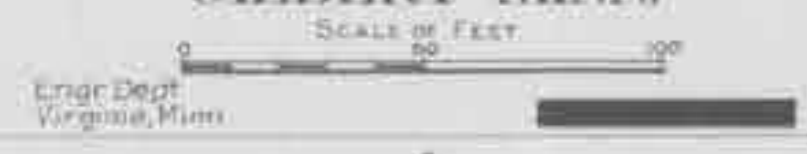
HANNA ORE MINING CO  
 ANALYSIS MAP  
**HOBART MINE**  
 592 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 Engr. Dept.  
 Virginia Minn.





HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 600 FT. MAIN LEVEL  
 GILBERT MINN.



Engr Dept  
 Virginia, Minn

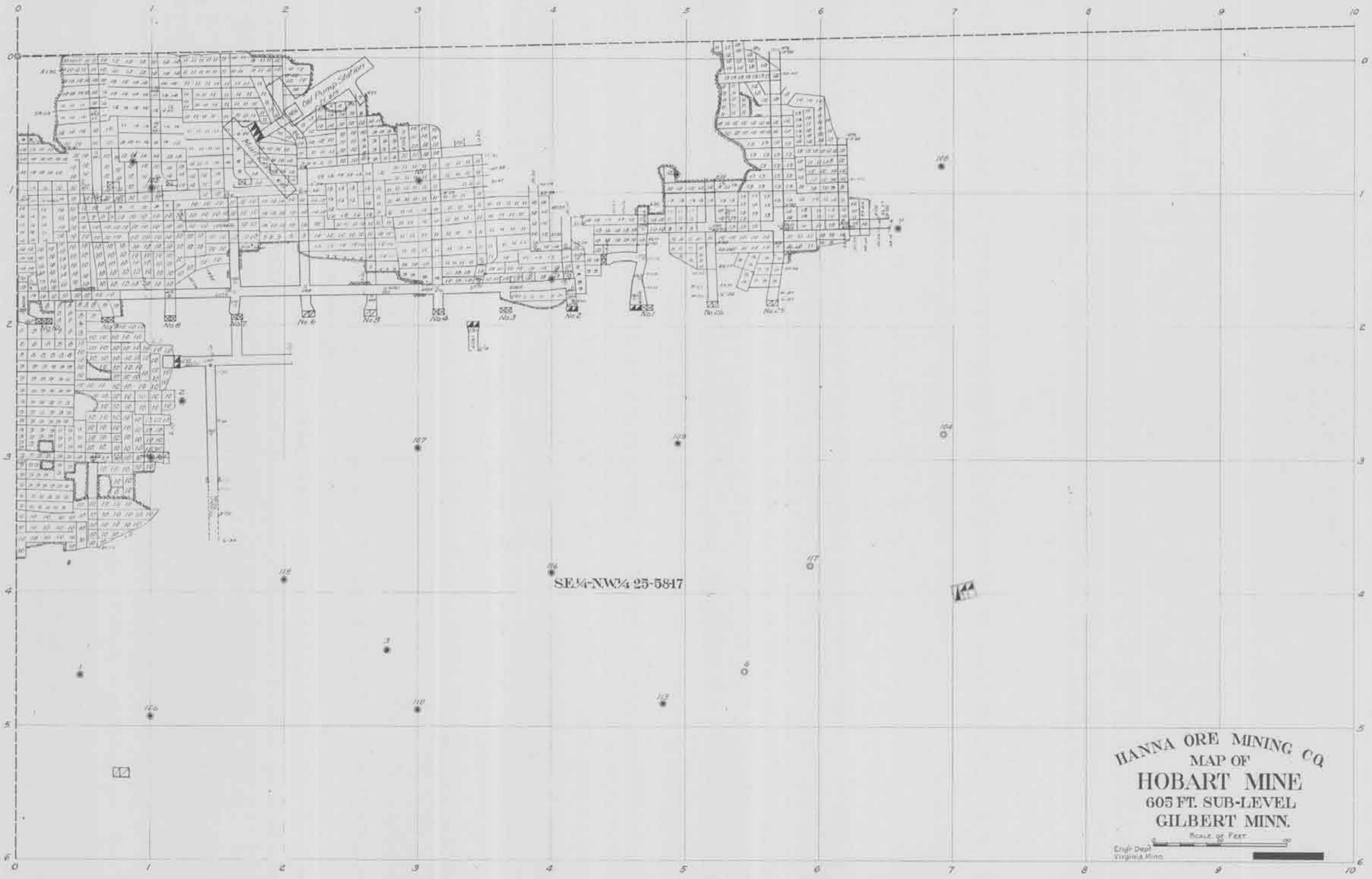




HANNA ORE MINING CO  
 ANALYSIS MAP  
**HOBART MINE**  
 600' MAIN LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 0 100  
 Engr. Dent  
 Virginia, Minn.

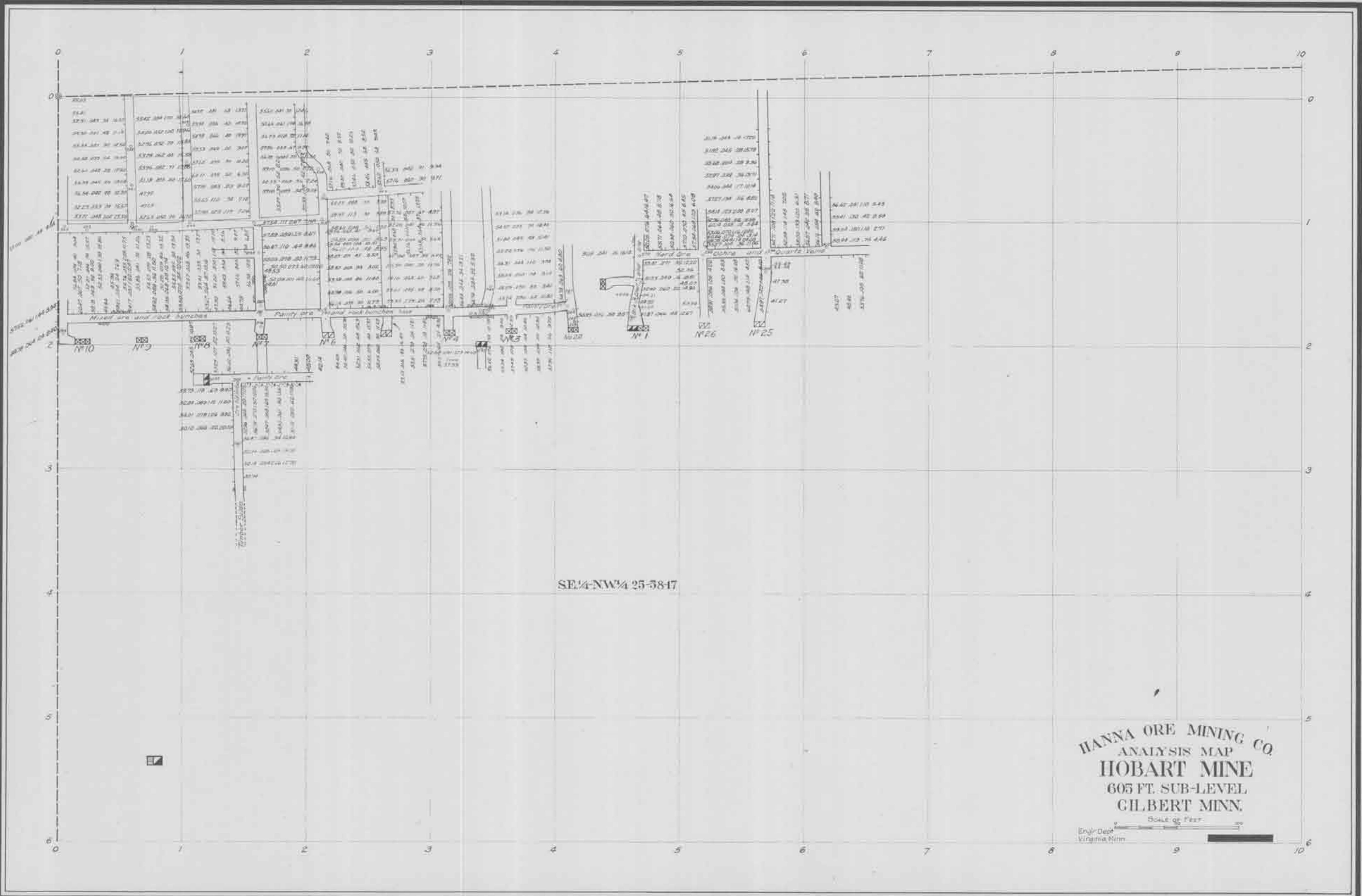




HANNA ORE MINING CO  
 MAP OF  
 HOBART MINE  
 605 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 0 10 20 30  
 Engr. Dept.  
 Virginia Minn.



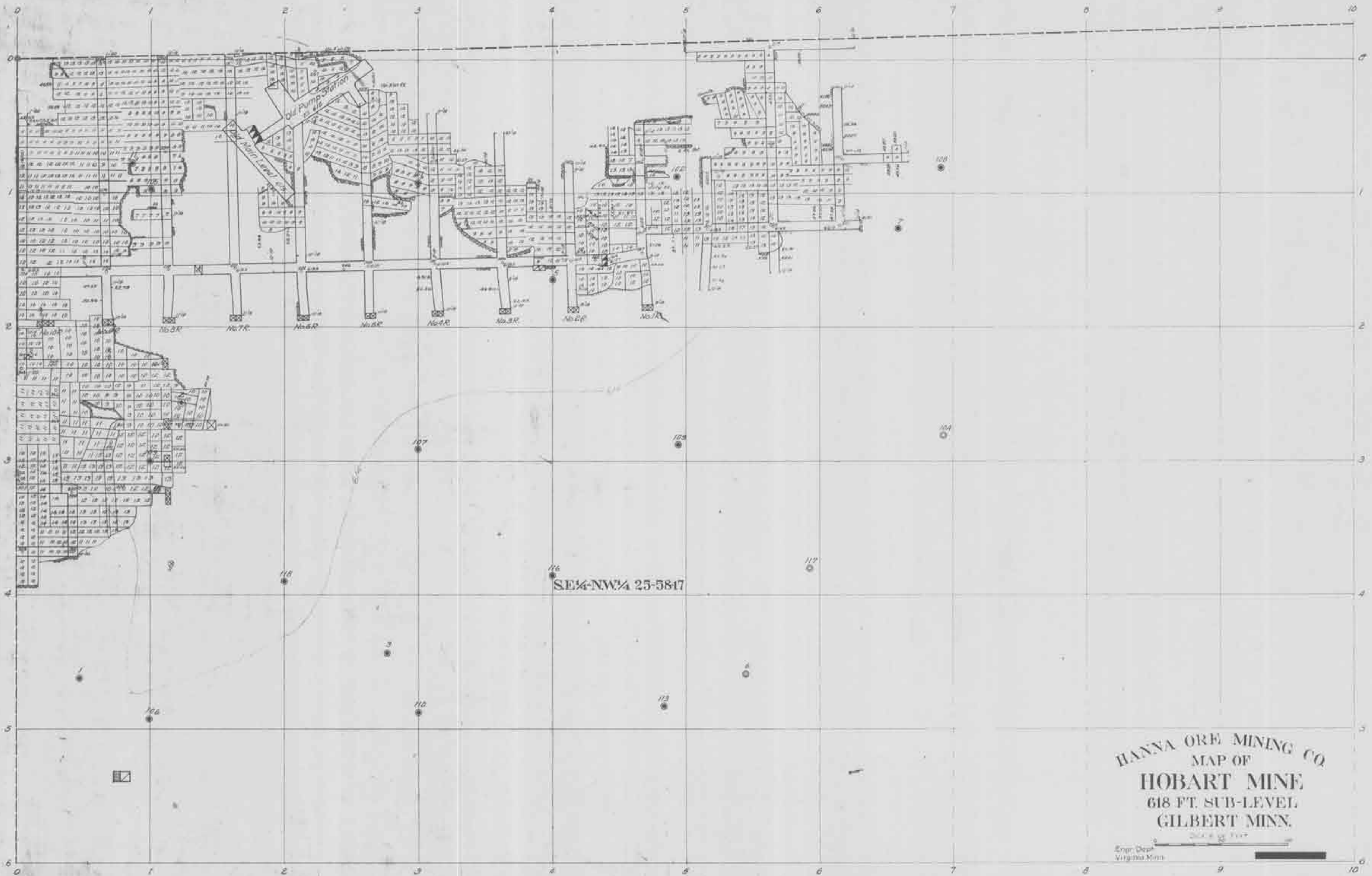


SE 1/4 NW 1/4 25-5817

HANNA ORE MINING CO.  
 ANALYSIS MAP  
 HOBART MINE  
 605 FT. SUB-LEVEL  
 GILBERT MINN.

Scale of Feet  
 0 100  
 Engr. Dept.  
 Virginia Minn.





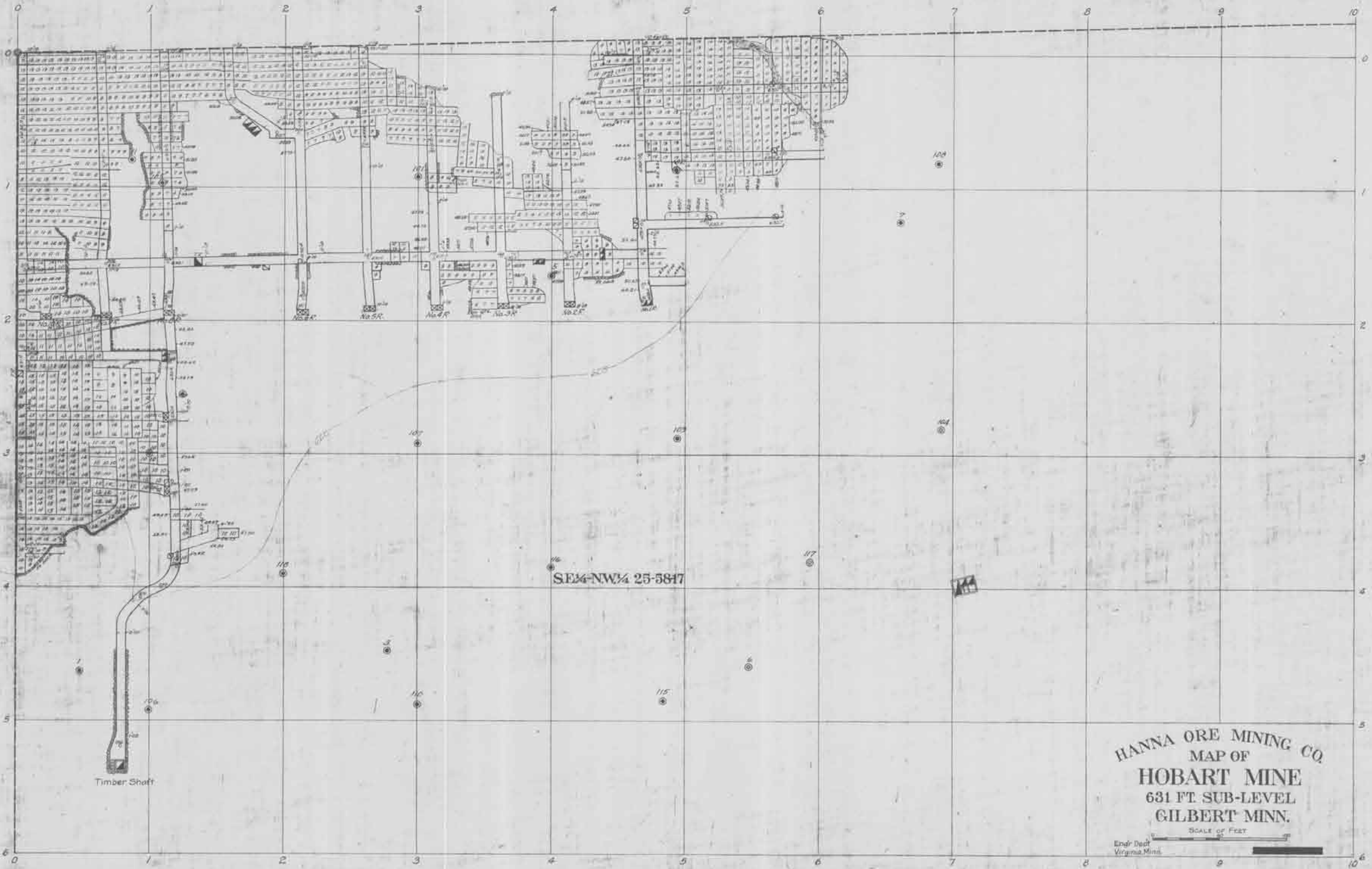
HANNA ORE MINING CO  
 MAP OF  
**HOBART MINE**  
 618 FT. SUB-LEVEL  
 GILBERT MINN.

Scale 1" = 100'  
 Eng. Dept.  
 Virginia Minn.





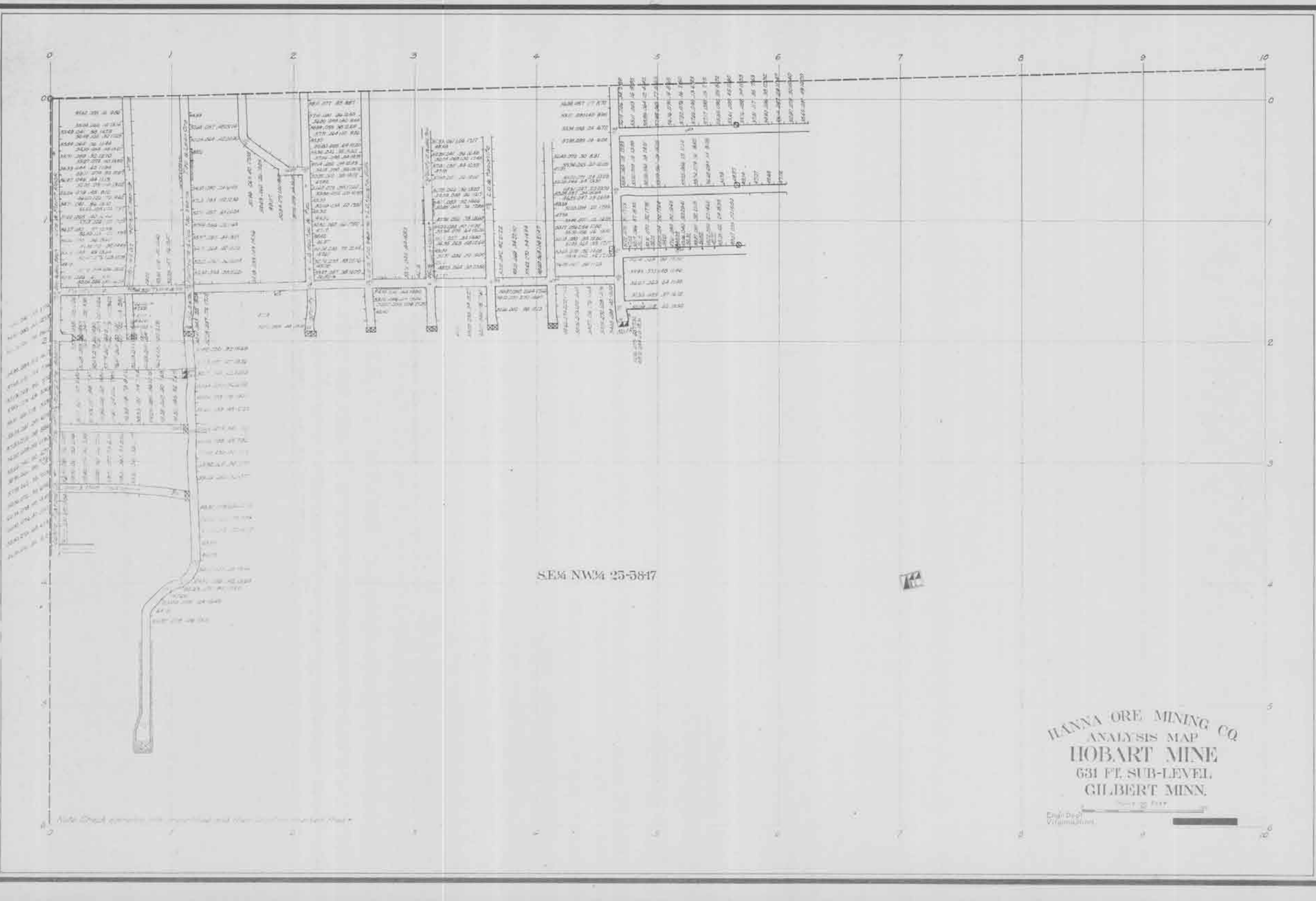




HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 631 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 0 100 200  
 Eng' Dept  
 Virginia Minn.





SE 1/4 NW 1/4 25-5817

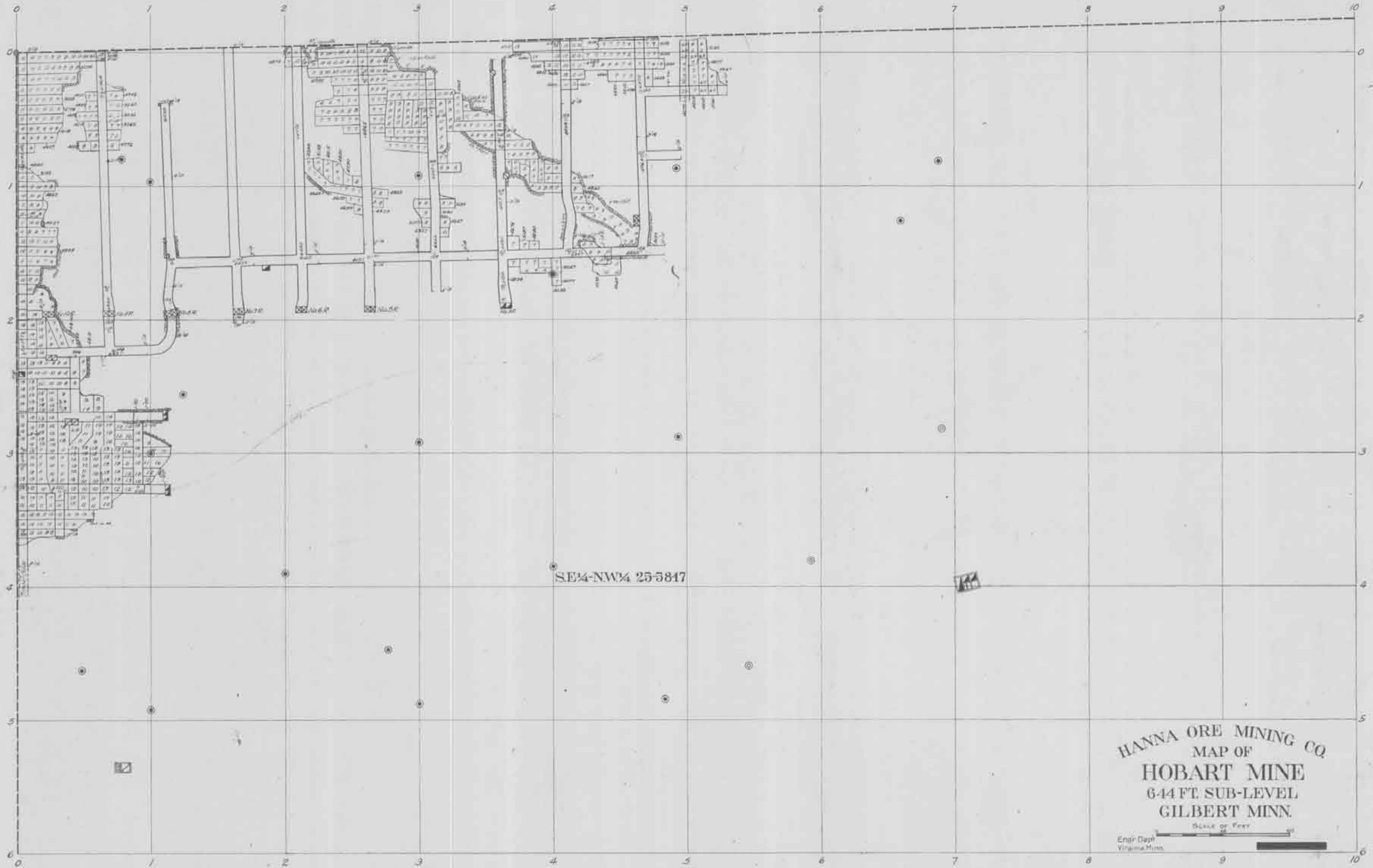
74

HANNA ORE MINING CO.  
 ANALYSIS MAP  
 HOBART MINE  
 631 FT. SUB-LEVEL,  
 GILBERT MINN.



Note: Check against the original and plan before mounting.





HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 644 FT SUB-LEVEL  
 GILBERT MINN.

Scale of Feet  
 Engr Dept  
 Virginia Minn.





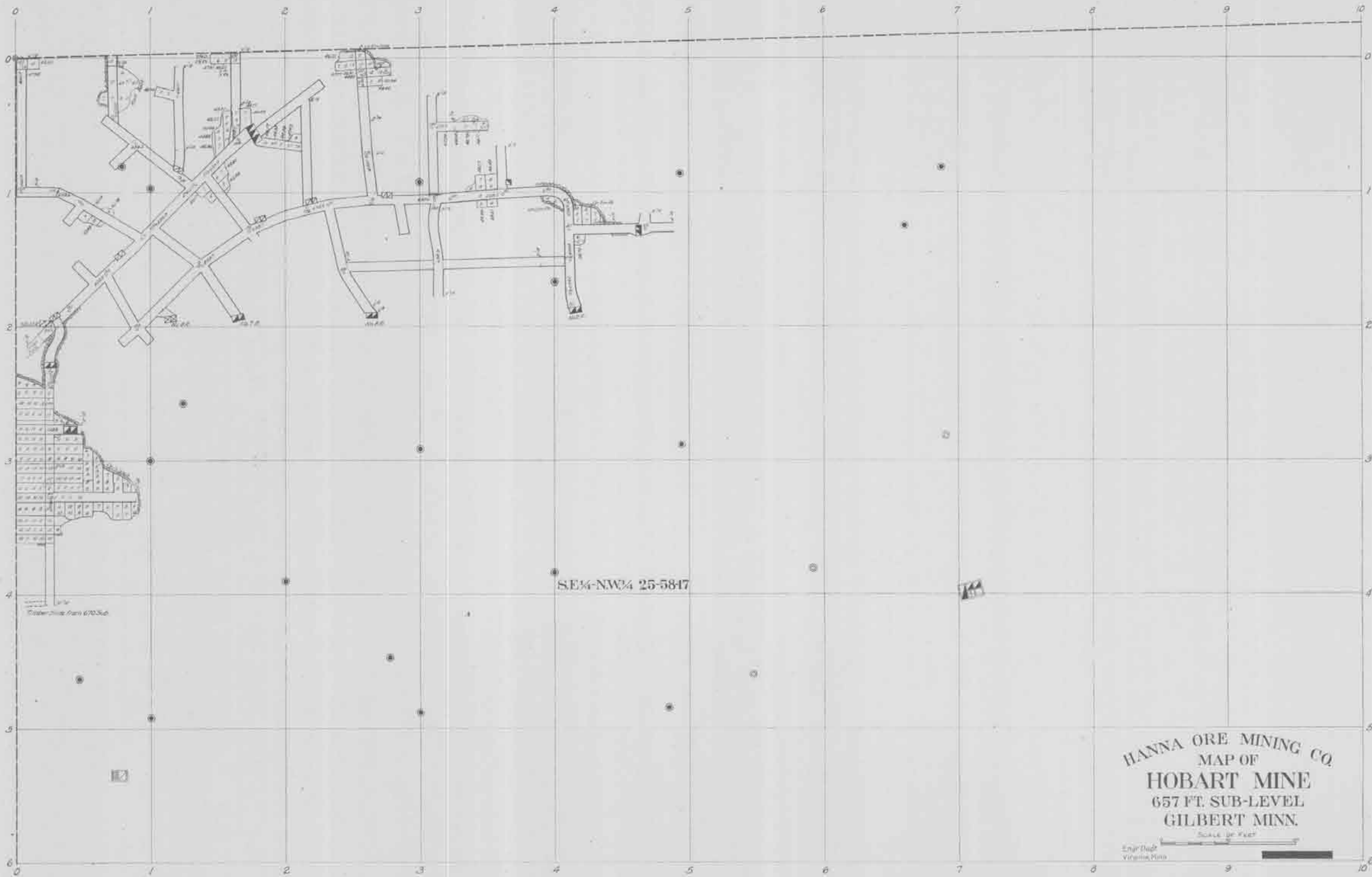
SE 1/4 NW 1/4 25-5847

HANNA ORE MINING CO  
 ANALYSIS MAP  
 HOBART MINE  
 6-14 FT SUB-LEVEL  
 GILBERT MINN.

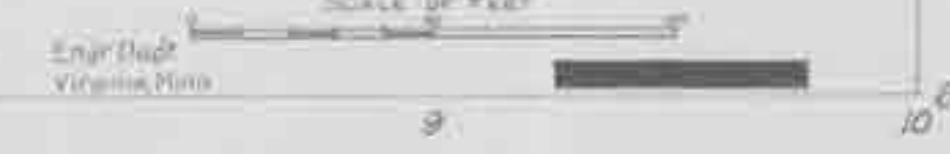
SCALE OF FEET  
 0 100  
 Engr Dept  
 Virginia, Minn.

Note: Check samples are underlined and their location marked thus +





HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 657 FT. SUB-LEVEL  
 GILBERT MINN.





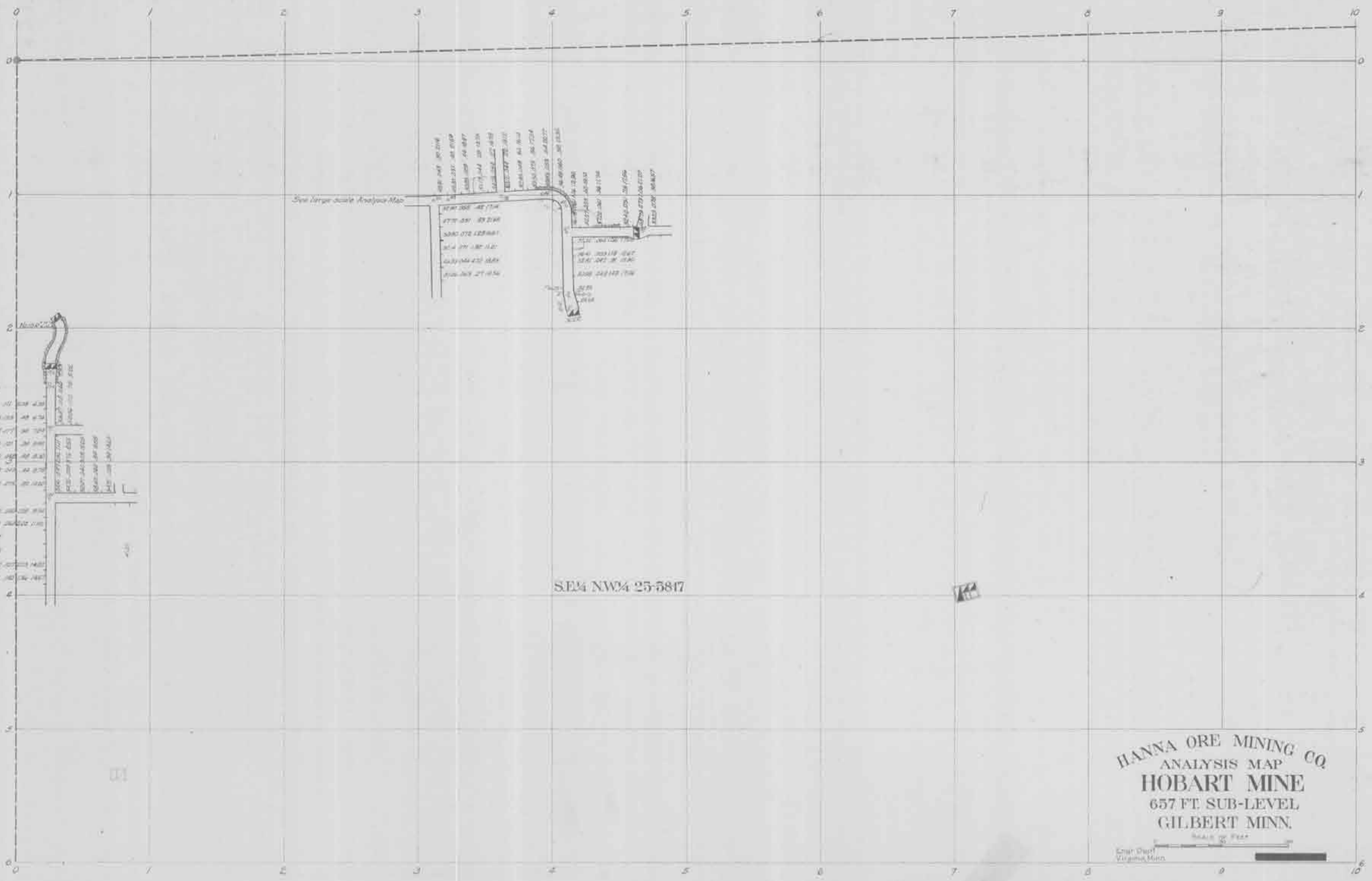


Note: Check samples are underlined and their location marked thus: \*

HANNA ORE MINING CO.  
 ANALYSIS MAP  
**HOBART MINE**  
 657 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 0 10 20  
 Eng' Dept  
 Virginia Mine





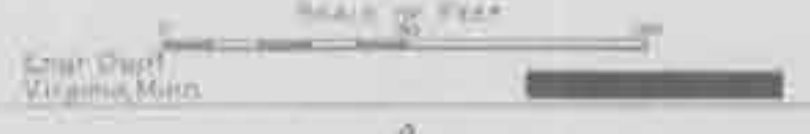
Vertical shaft data table:

35.2	
34.81 11	328 4.38
34.54 12	328 4.75
34.27 13	328 5.12
34.00 14	328 5.49
33.73 15	328 5.86
33.46 16	328 6.23
33.19 17	328 6.60
32.92 18	328 6.97
32.65 19	328 7.34
32.38 20	328 7.71
32.11 21	328 8.08
31.84 22	328 8.45
31.57 23	328 8.82
31.30 24	328 9.19
31.03 25	328 9.56
30.76 26	328 9.93
30.49 27	328 10.30
30.22 28	328 10.67
29.95 29	328 11.04
29.68 30	328 11.41
29.41 31	328 11.78
29.14 32	328 12.15
28.87 33	328 12.52
28.60 34	328 12.89
28.33 35	328 13.26
28.06 36	328 13.63
27.79 37	328 14.00
27.52 38	328 14.37
27.25 39	328 14.74
26.98 40	328 15.11
26.71 41	328 15.48
26.44 42	328 15.85
26.17 43	328 16.22
25.90 44	328 16.59
25.63 45	328 16.96
25.36 46	328 17.33
25.09 47	328 17.70
24.82 48	328 18.07
24.55 49	328 18.44
24.28 50	328 18.81
24.01 51	328 19.18
23.74 52	328 19.55
23.47 53	328 19.92
23.20 54	328 20.29
22.93 55	328 20.66
22.66 56	328 21.03
22.39 57	328 21.40
22.12 58	328 21.77
21.85 59	328 22.14
21.58 60	328 22.51
21.31 61	328 22.88
21.04 62	328 23.25
20.77 63	328 23.62
20.50 64	328 23.99
20.23 65	328 24.36
19.96 66	328 24.73
19.69 67	328 25.10
19.42 68	328 25.47
19.15 69	328 25.84
18.88 70	328 26.21
18.61 71	328 26.58
18.34 72	328 26.95
18.07 73	328 27.32
17.80 74	328 27.69
17.53 75	328 28.06
17.26 76	328 28.43
16.99 77	328 28.80
16.72 78	328 29.17
16.45 79	328 29.54
16.18 80	328 29.91
15.91 81	328 30.28
15.64 82	328 30.65
15.37 83	328 31.02
15.10 84	328 31.39
14.83 85	328 31.76
14.56 86	328 32.13
14.29 87	328 32.50
14.02 88	328 32.87
13.75 89	328 33.24
13.48 90	328 33.61
13.21 91	328 33.98
12.94 92	328 34.35
12.67 93	328 34.72
12.40 94	328 35.09
12.13 95	328 35.46
11.86 96	328 35.83
11.59 97	328 36.20
11.32 98	328 36.57
11.05 99	328 36.94
10.78 100	328 37.31
10.51 101	328 37.68
10.24 102	328 38.05
9.97 103	328 38.42
9.70 104	328 38.79
9.43 105	328 39.16
9.16 106	328 39.53
8.89 107	328 39.90
8.62 108	328 40.27
8.35 109	328 40.64
8.08 110	328 41.01
7.81 111	328 41.38
7.54 112	328 41.75
7.27 113	328 42.12
7.00 114	328 42.49
6.73 115	328 42.86
6.46 116	328 43.23
6.19 117	328 43.60
5.92 118	328 43.97
5.65 119	328 44.34
5.38 120	328 44.71
5.11 121	328 45.08
4.84 122	328 45.45
4.57 123	328 45.82
4.30 124	328 46.19
4.03 125	328 46.56
3.76 126	328 46.93
3.49 127	328 47.30
3.22 128	328 47.67
2.95 129	328 48.04
2.68 130	328 48.41
2.41 131	328 48.78
2.14 132	328 49.15
1.87 133	328 49.52
1.60 134	328 49.89
1.33 135	328 50.26
1.06 136	328 50.63
0.79 137	328 51.00
0.52 138	328 51.37
0.25 139	328 51.74
0.00 140	328 52.11

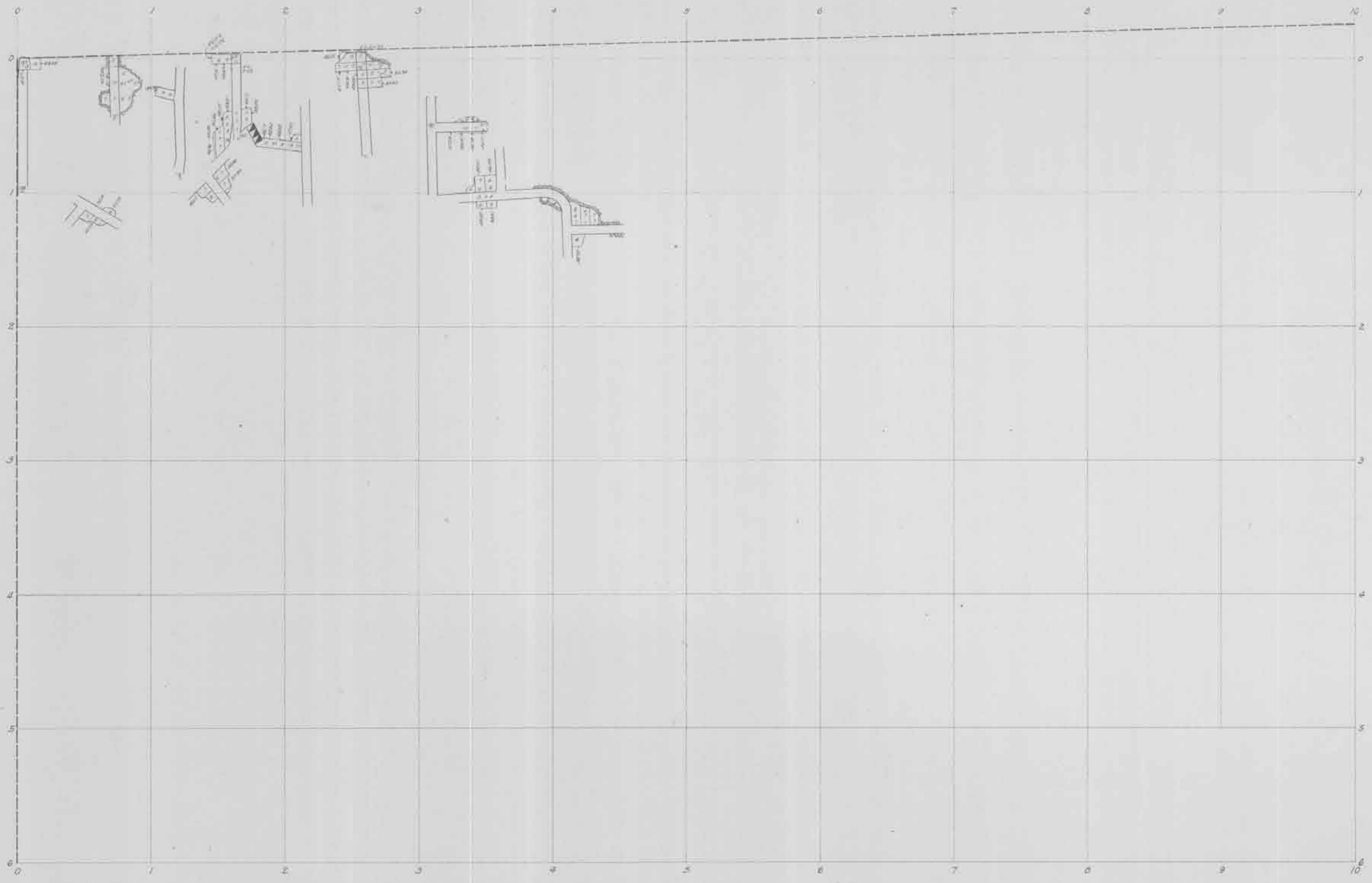
See large scale Analysis Map

SE 1/4 NW 1/4 25-5817

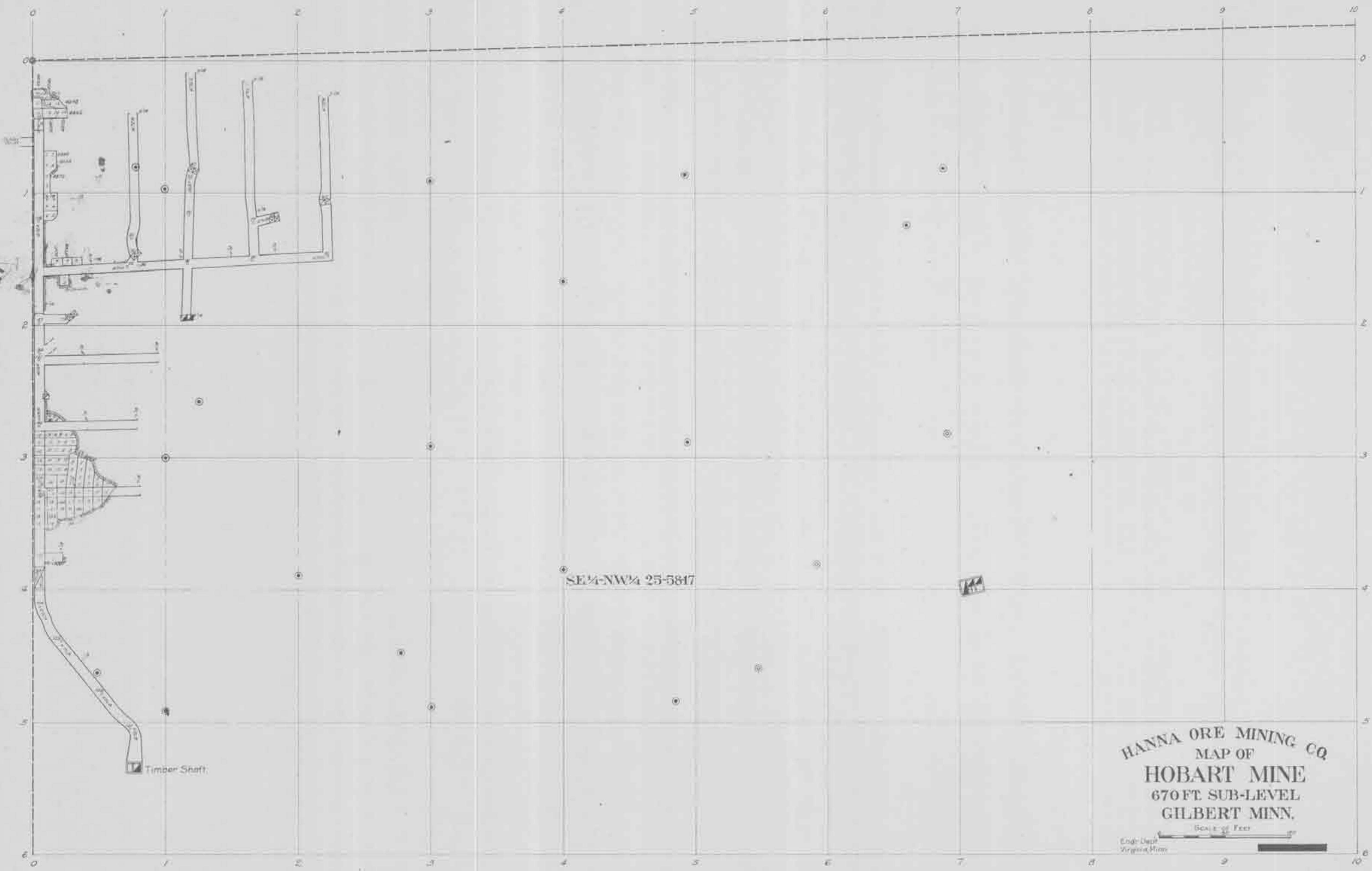
HANNA ORE MINING CO  
 ANALYSIS MAP  
 HOBART MINE  
 657 FT SUB-LEVEL  
 GILBERT MINN.











HANNA ORE MINING CO  
 MAP OF  
**HOBART MINE**  
 670 FT SUB-LEVEL  
 GILBERT MINN.







Note: Check samples are underlined and their location marked thus \*

HANNA ORE MINING CO  
 ANALYSIS MAP  
**HOBART MINE**  
 670FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 Engr. Dept  
 Virginia Minn.





HANNA ORE MINING CO.  
 MAP OF  
**HOBART MINE**  
 683 FT. SUB-LEVEL  
 GILBERT MINN.

SCALE OF FEET  
 Eng. Dept.  
 Virginia Minn.





4100  
 4105  
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 4985  
 4990  
 4995  
 5000

SE 1/4 NW 1/4 25-5817



HANNA ORE MINING CO  
 ANALYSIS MAP  
 HOBART MINE  
 683 FT. SUB-LEVEL  
 GILBERT MINN.



Note: Check samples are underlined and their location marked here.



PETTIT  
MINE.

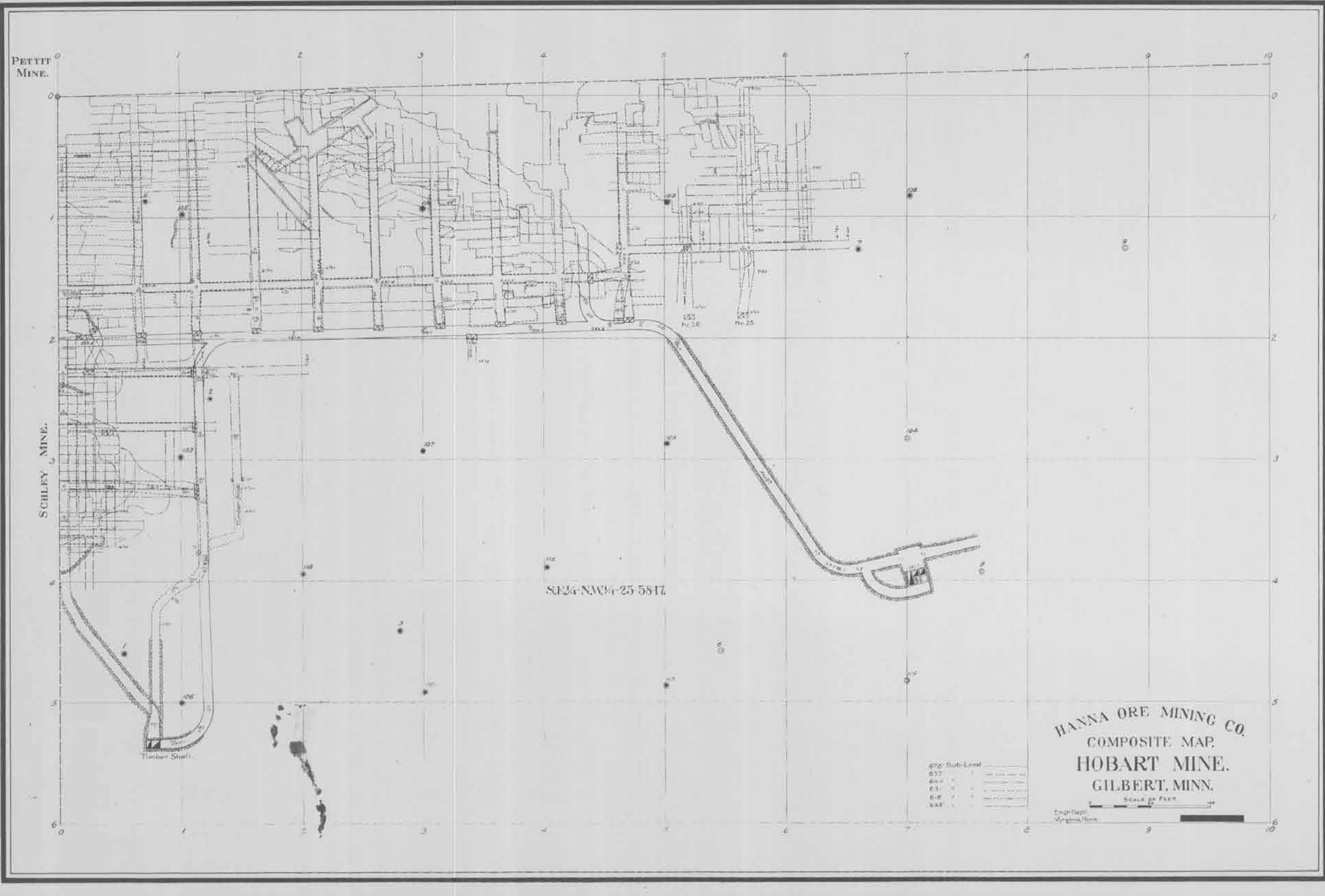
SCHLEY  
MINE.

SE 1/4 NW 1/4 25 5817

870	Sub-Level
657	
654	
653	
648	
635	

HANNA ORE MINING CO.  
COMPOSITE MAP.  
HOBART MINE.  
GILBERT, MINN.

Scale of Feet  
Eng'D Dept  
Virginia Minn





SE 1/4 NW 1/4 25-5817

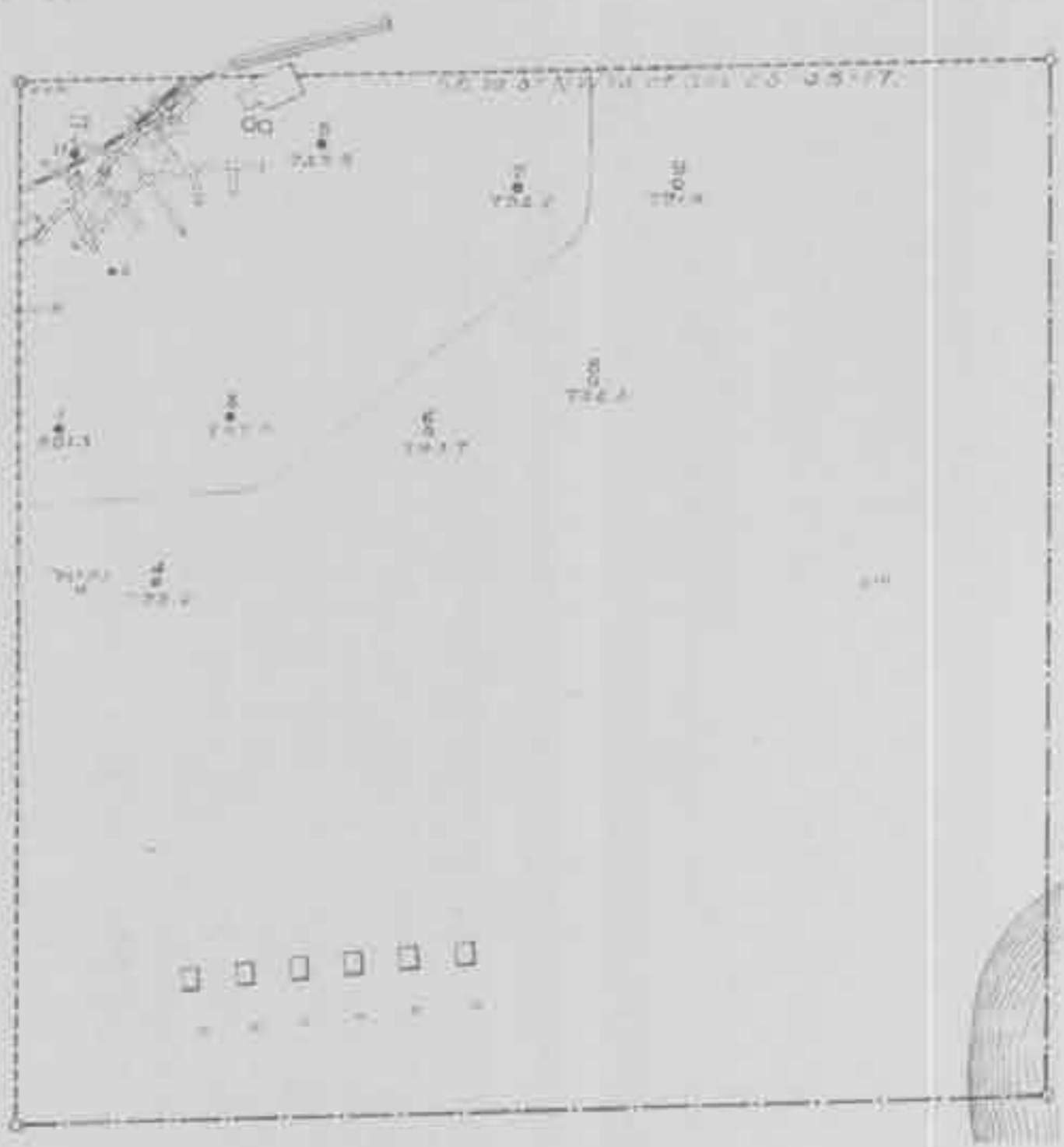
Legend  
 --- Main level  
 --- Sub level  
 ● Shaft

HANNA ORE MINING CO.  
 COMPOSITE MAP  
 HOBART MINE  
 GILBERT MINN.

Scale in Feet  
 0 50 100



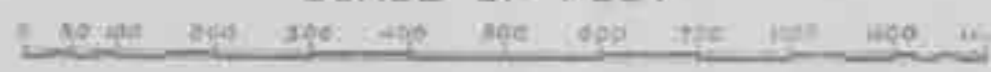
Scale of Feet 1 inch = 40 feet.



# GENERAL MAP OF HOBART MINE

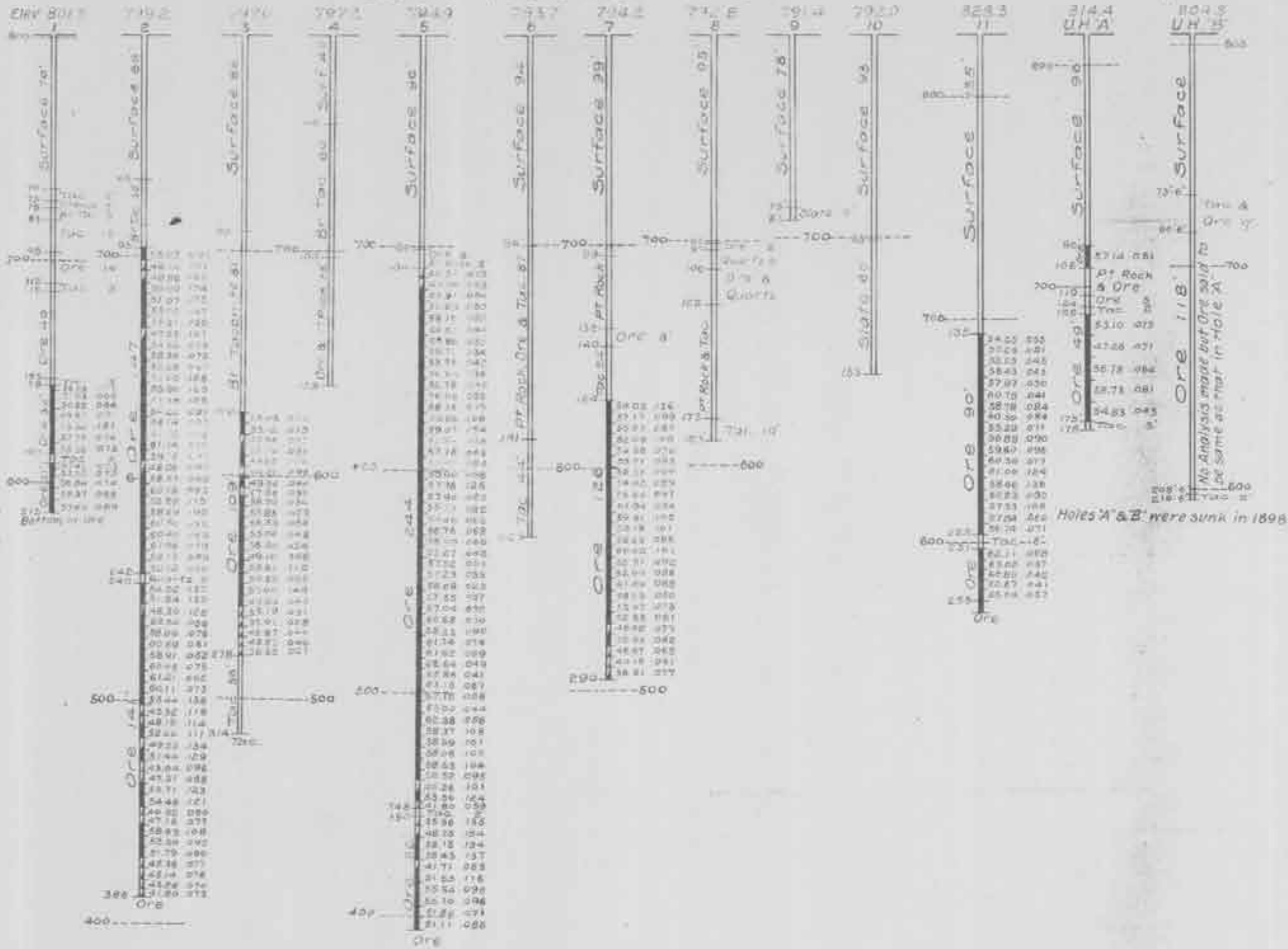
SPARTA, MINN.

SCALE OF FEET



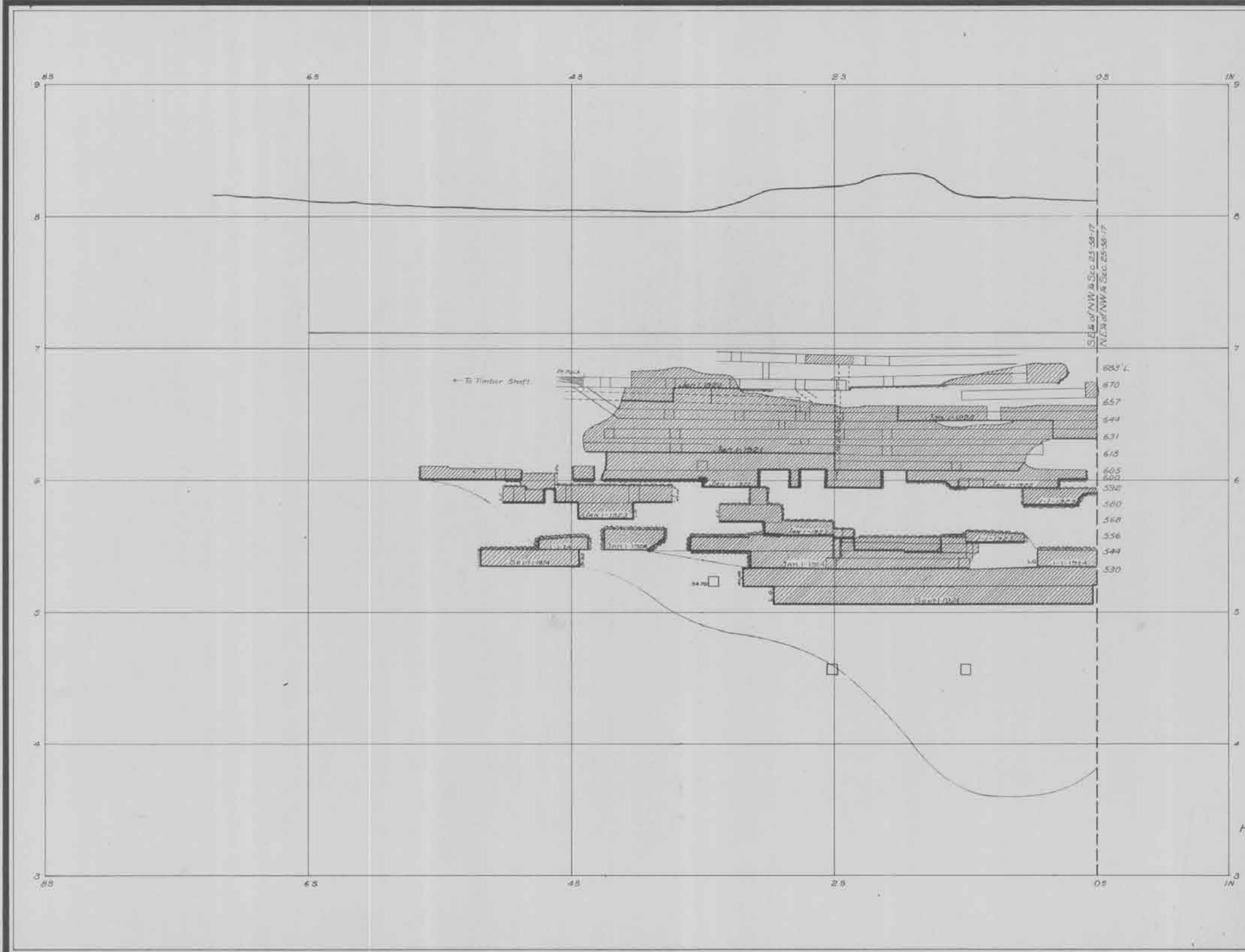
Adrian Mining

W.C. Hart  
Geological Engineer



Holes A & B were sunk in 1898

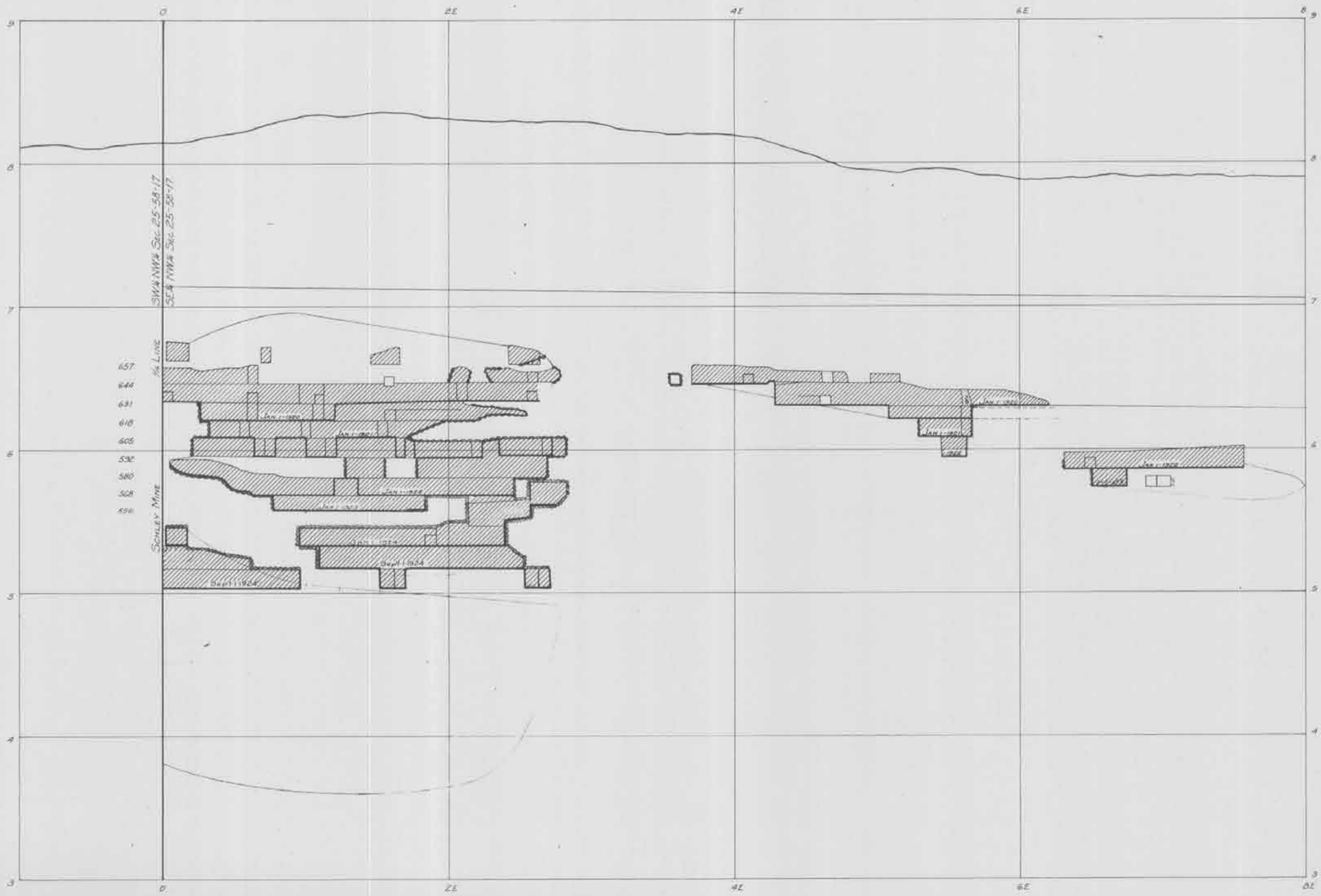
00E



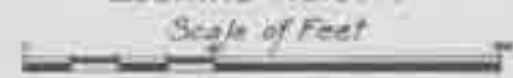
HANNA ORE MINING CO.  
HOBART MINE SECTIONS  
SE 1/4 NW 1/4 SEC 25-58-17  
LOOKING WEST  
Scale of Feet



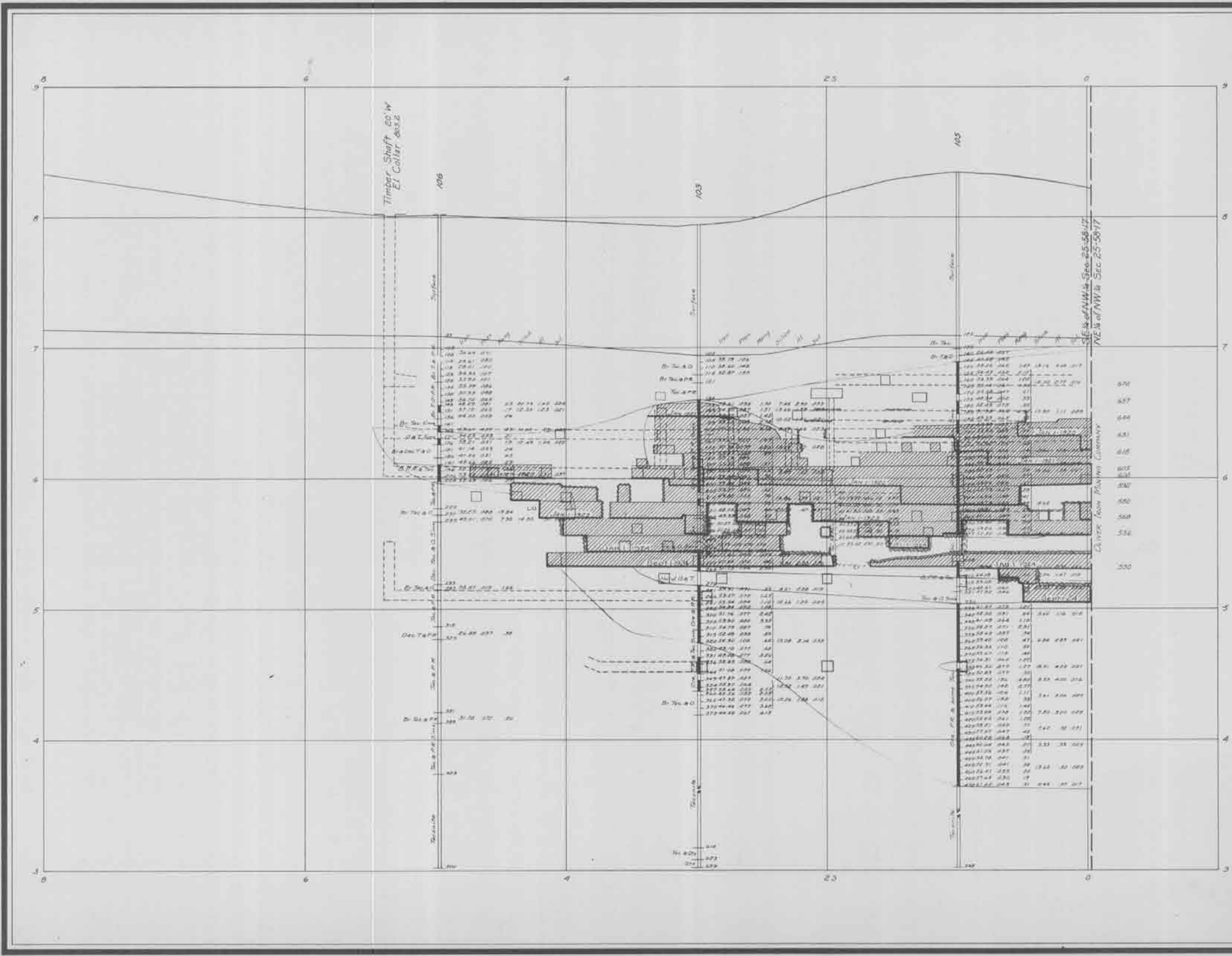
005



HANNA ORE MINING CO.  
HOBART MINE SECTIONS  
SE 1/4 - NW 1/4 SEC. 25-58-17  
LOOKING NORTH

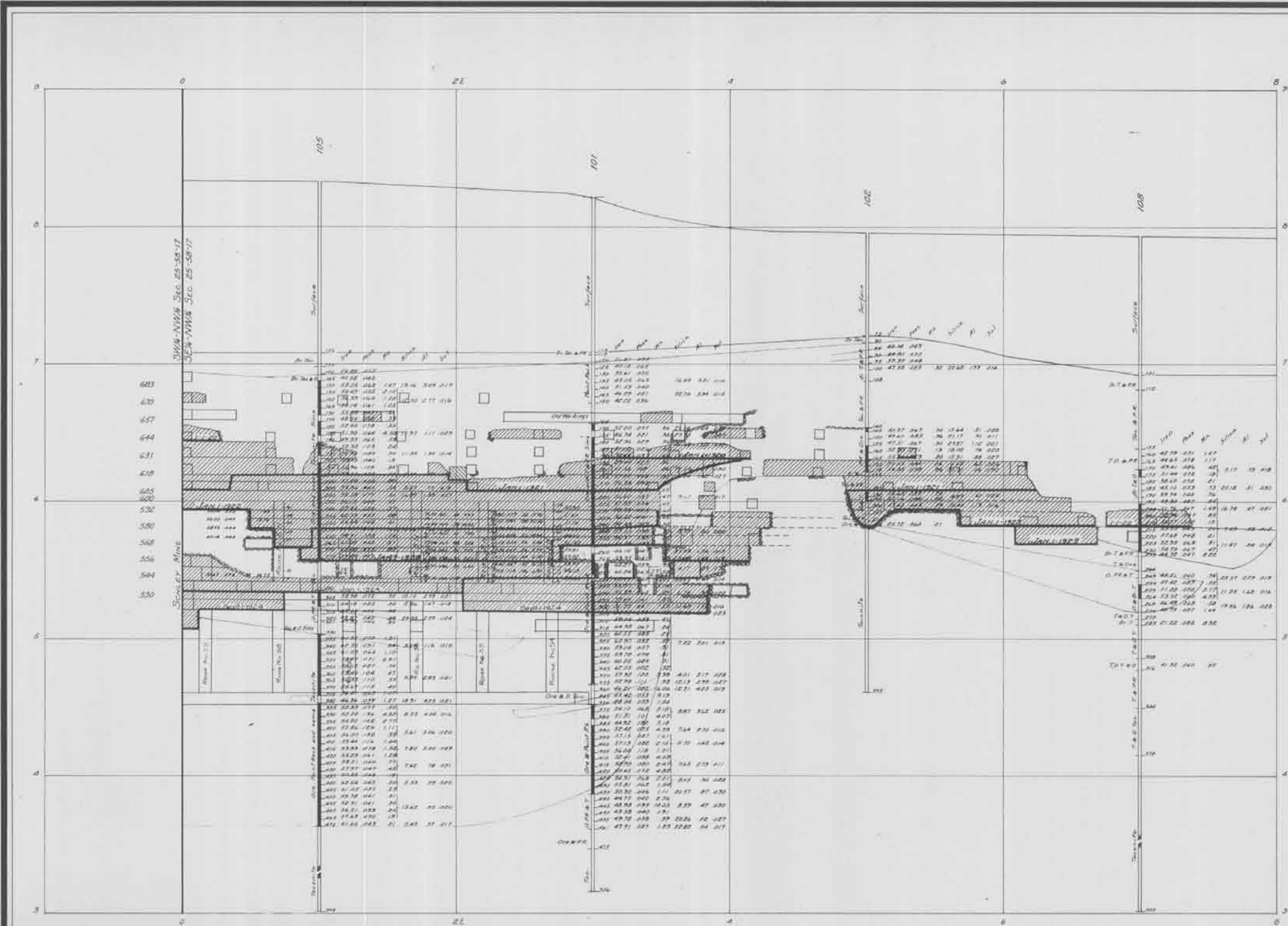


# 100E



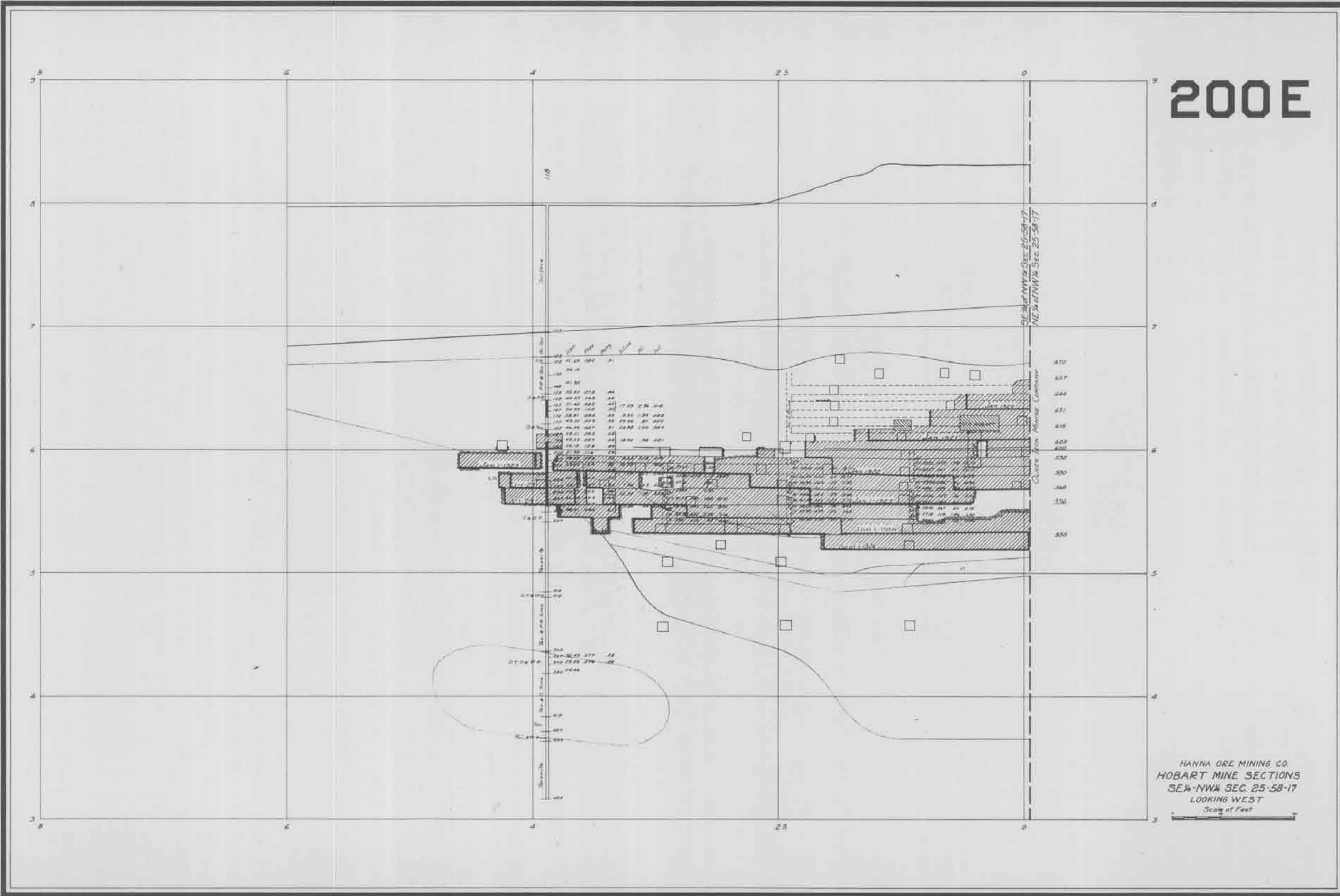


100 S



HANNA ORE MINING CO  
HOBART MINE SECTIONS  
SE¼-NW¼ SEC. 25-58-17  
LOOKING NORTH  
Scale of Feet

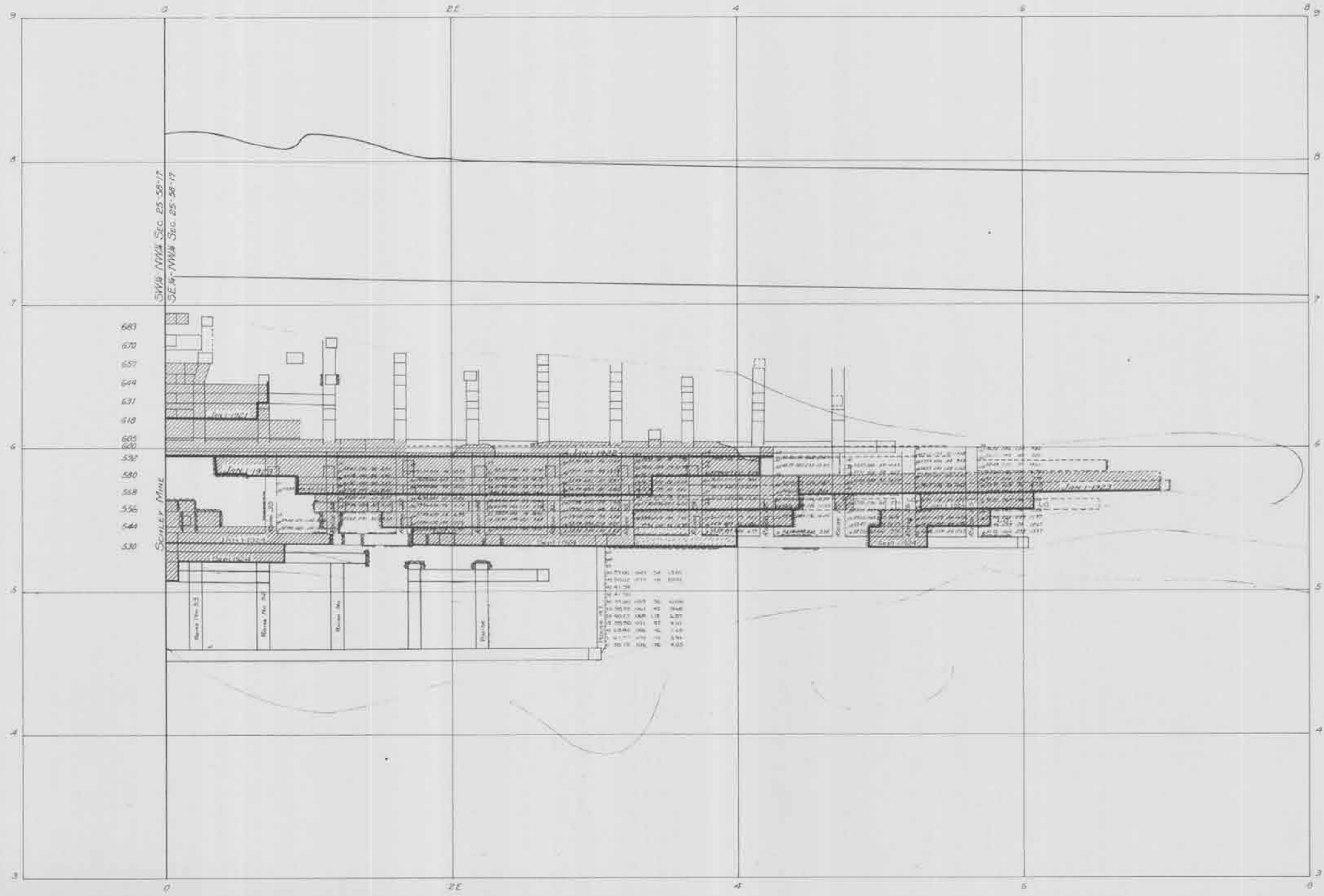
200 E



HANNA ORE MINING CO.  
HOBART MINE SECTIONS  
SE 1/4-NW 1/4 SEC. 25-58-17  
LOOKING WEST  
Scale of Feet

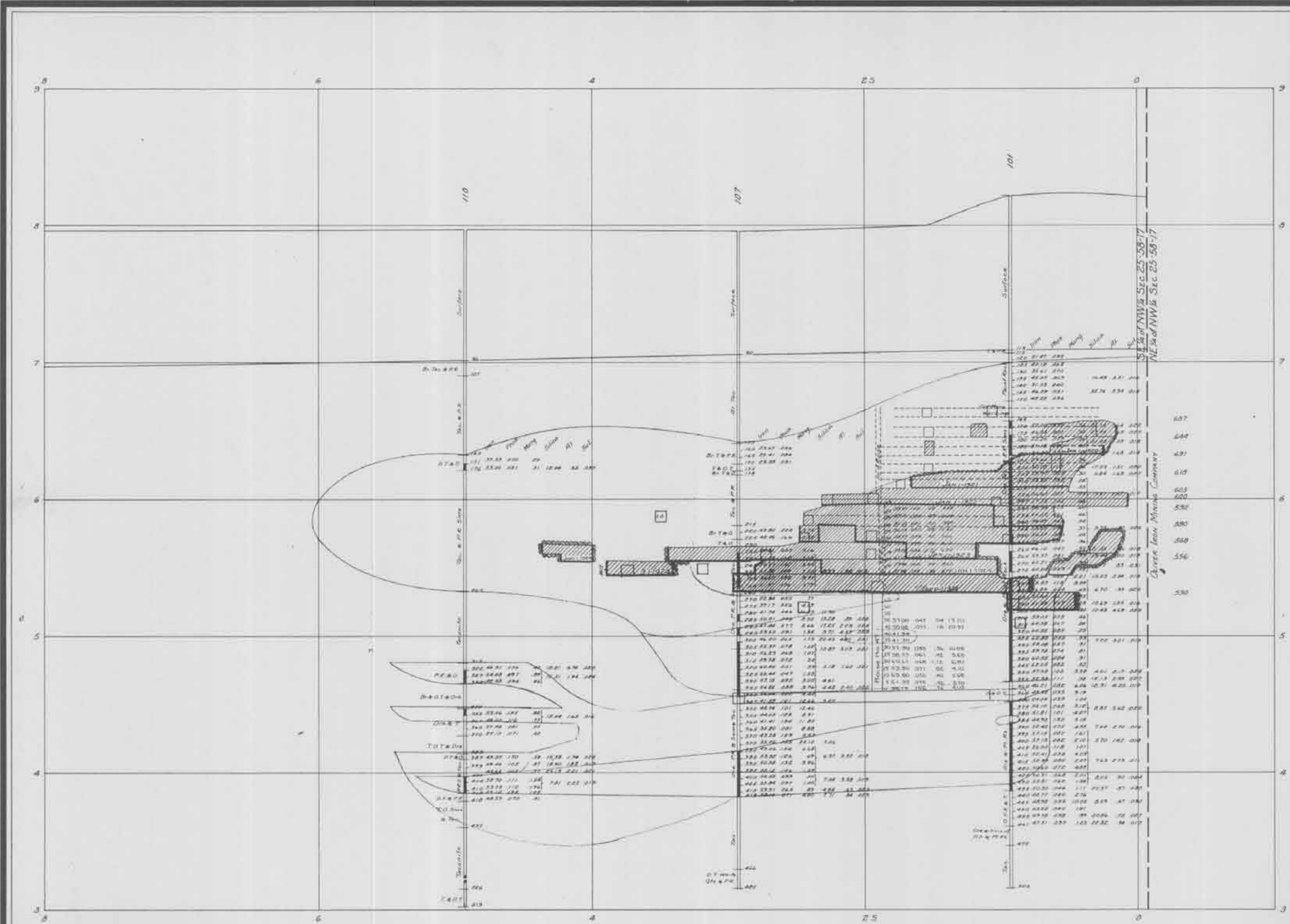


# 2005



HANNA ORE MINING CO  
 HOBART MINE SECTIONS  
 SE¼-NW¼ SEC. 25-58-17  
 LOOKING NORTH  
 Scale of Feet

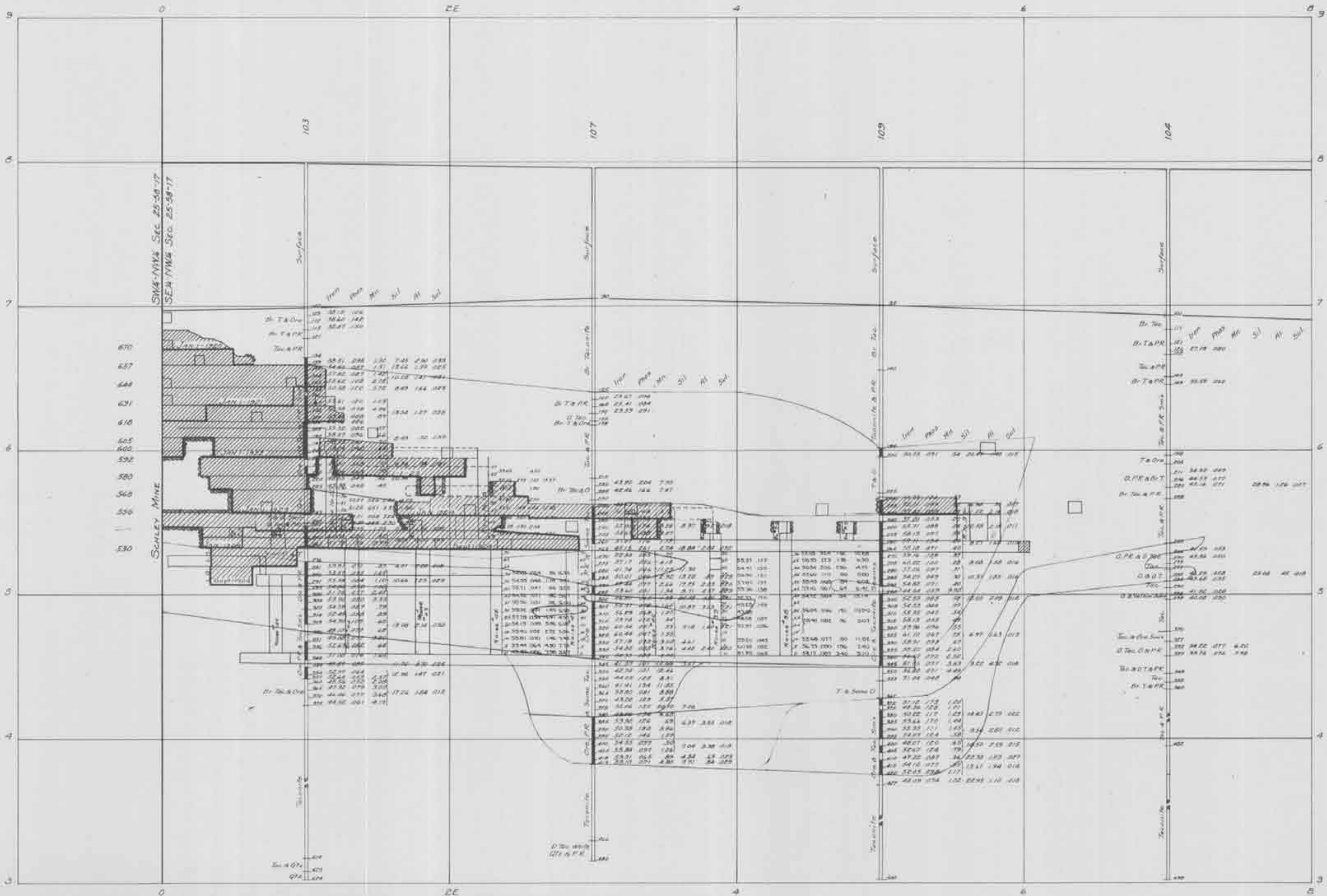
# 300 E



HANNA ORE MINING CO  
 HOBART MINE SECTIONS  
 SE 1/4 - NW 1/4 SEC. 25-58-17  
 LOOKING WEST  
 Scale of Feet



# 300 S

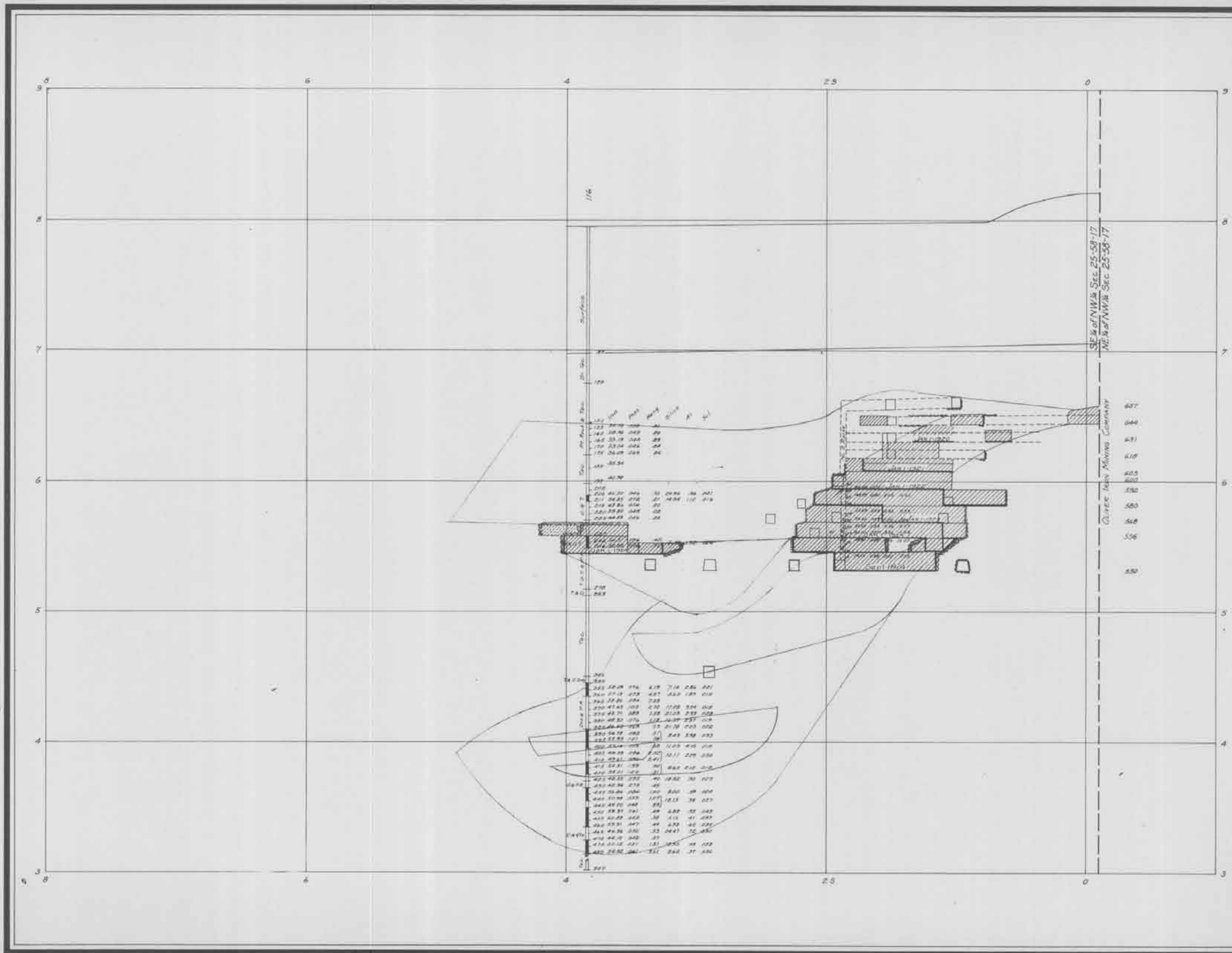


SW 1/4 NW 1/4 Sec. 25-58-17  
SE 1/4 NW 1/4 Sec. 25-58-17

SCHLEY MINE

HANNA ORE MINING CO.  
HOBART MINE SECTIONS  
SE 1/4 NW 1/4 SEC. 25-58-17  
LOOKING NORTH  
Scale of Feet

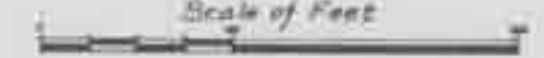
# 400E



Top	Bottom	Dist.	Area	Vol.	Wt.	Sp. G.
122	107.0	150	1.17	1.17	1.17	1.17
142	127.0	150	1.50	1.50	1.50	1.50
162	147.0	150	1.83	1.83	1.83	1.83
178	163.0	150	2.13	2.13	2.13	2.13
198	183.0	150	2.43	2.43	2.43	2.43
218	203.0	150	2.73	2.73	2.73	2.73
238	223.0	150	3.03	3.03	3.03	3.03
258	243.0	150	3.33	3.33	3.33	3.33
278	263.0	150	3.63	3.63	3.63	3.63
298	283.0	150	3.93	3.93	3.93	3.93
318	303.0	150	4.23	4.23	4.23	4.23
338	323.0	150	4.53	4.53	4.53	4.53
358	343.0	150	4.83	4.83	4.83	4.83
378	363.0	150	5.13	5.13	5.13	5.13
398	383.0	150	5.43	5.43	5.43	5.43
418	403.0	150	5.73	5.73	5.73	5.73
438	423.0	150	6.03	6.03	6.03	6.03
458	443.0	150	6.33	6.33	6.33	6.33
478	463.0	150	6.63	6.63	6.63	6.63
498	483.0	150	6.93	6.93	6.93	6.93
518	503.0	150	7.23	7.23	7.23	7.23
538	523.0	150	7.53	7.53	7.53	7.53
558	543.0	150	7.83	7.83	7.83	7.83
578	563.0	150	8.13	8.13	8.13	8.13
598	583.0	150	8.43	8.43	8.43	8.43
618	603.0	150	8.73	8.73	8.73	8.73
638	623.0	150	9.03	9.03	9.03	9.03
657	643.0	114	1.14	1.14	1.14	1.14

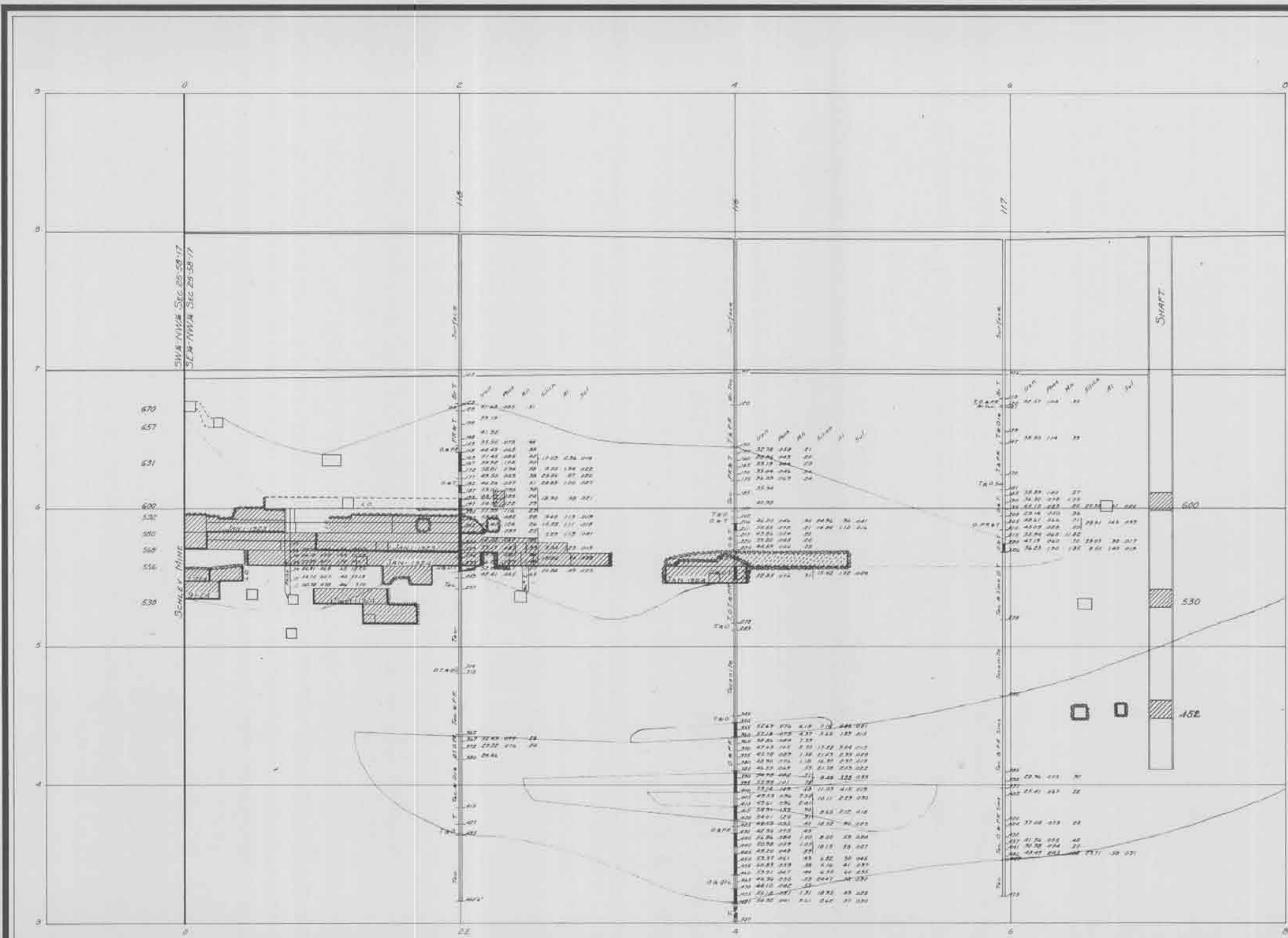
Top	Bottom	Dist.	Area	Vol.	Wt.	Sp. G.
340	325.0	150	1.13	1.13	1.13	1.13
360	345.0	150	1.43	1.43	1.43	1.43
380	365.0	150	1.73	1.73	1.73	1.73
400	385.0	150	2.03	2.03	2.03	2.03
420	405.0	150	2.33	2.33	2.33	2.33
440	425.0	150	2.63	2.63	2.63	2.63
460	445.0	150	2.93	2.93	2.93	2.93
480	465.0	150	3.23	3.23	3.23	3.23
500	485.0	150	3.53	3.53	3.53	3.53
520	505.0	150	3.83	3.83	3.83	3.83
540	525.0	150	4.13	4.13	4.13	4.13
560	545.0	150	4.43	4.43	4.43	4.43
580	565.0	150	4.73	4.73	4.73	4.73
600	585.0	150	5.03	5.03	5.03	5.03
620	605.0	150	5.33	5.33	5.33	5.33
640	625.0	150	5.63	5.63	5.63	5.63
657	643.0	114	1.14	1.14	1.14	1.14

HANNA ORE MINING CO.  
 HOBART MINE SECTIONS  
 SE 1/4-NW 1/4 SEC. 25-58-17  
 LOOKING WEST  
 Scale of Feet





# 400 S

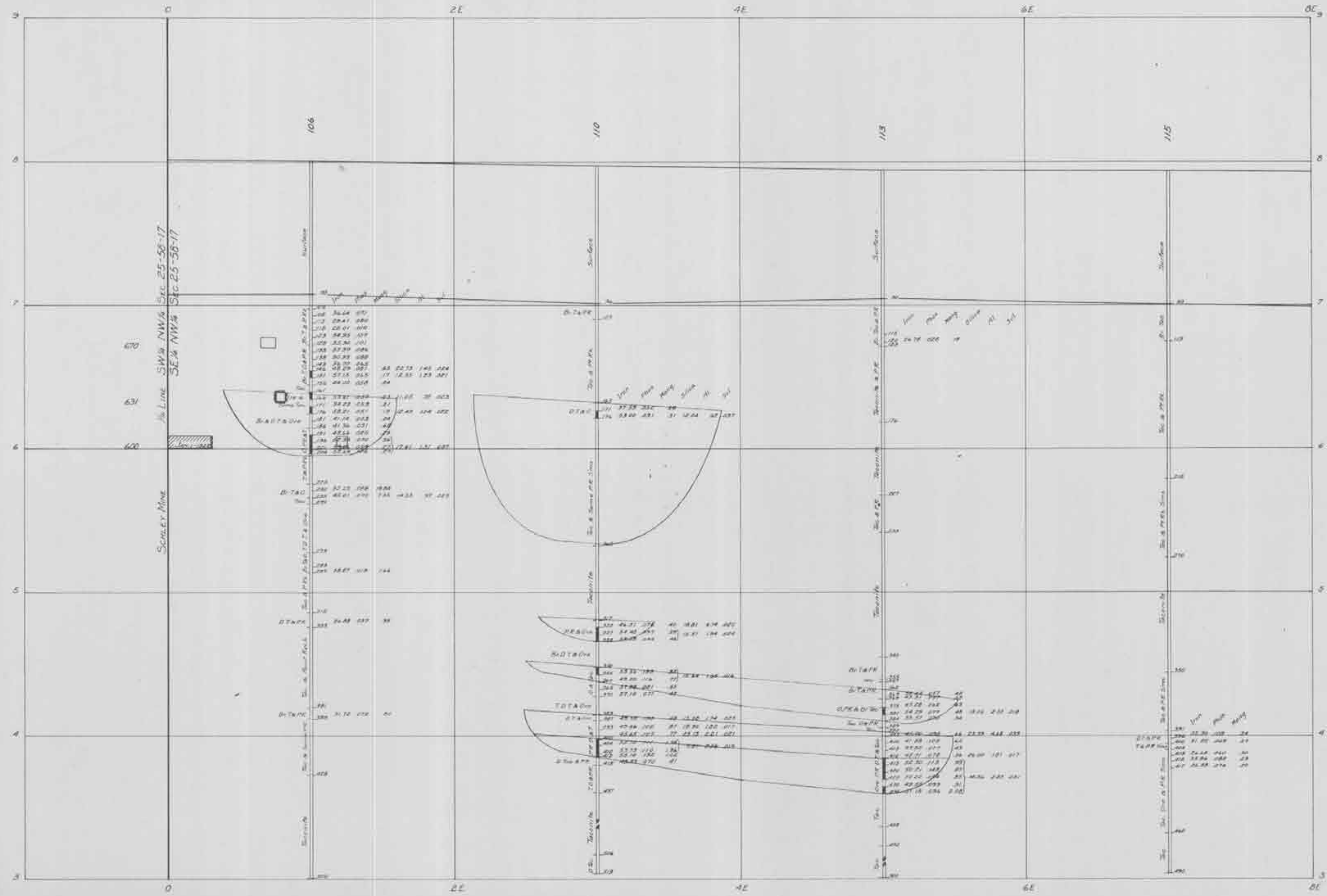


HANNA ORE MINING CO.  
 HOBART MINE SECTIONS  
 SE 1/4 - NW 1/4 SEC. 25-53-17  
 LOOKING NORTH  
 Scale of Feet



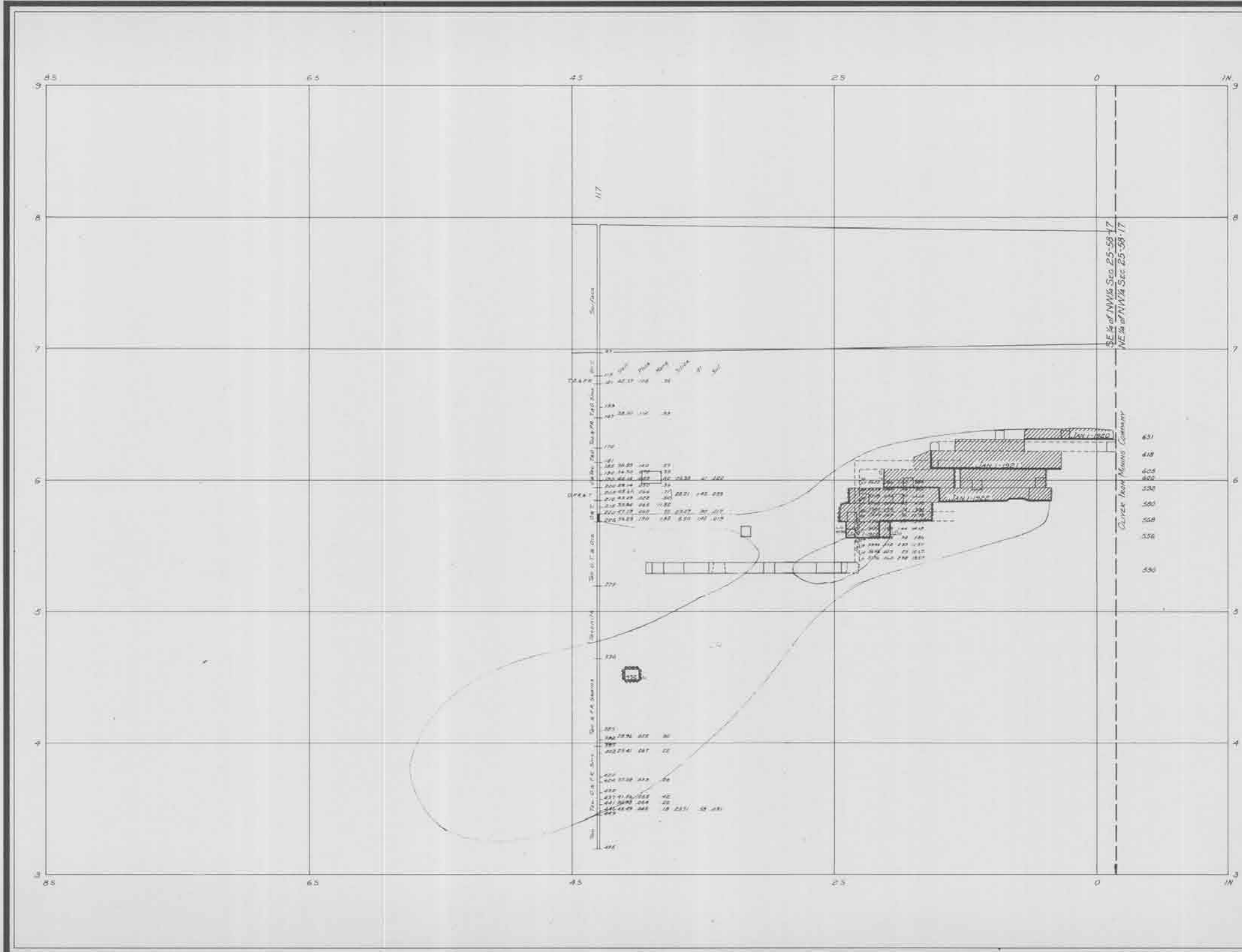


# 500S



HANNA ORE MINING CO.  
 HOBART MINE SECTIONS  
 SE 1/4 - NW 1/4 SEC. 25-58-17  
 LOOKING NORTH  
 Scale of Feet

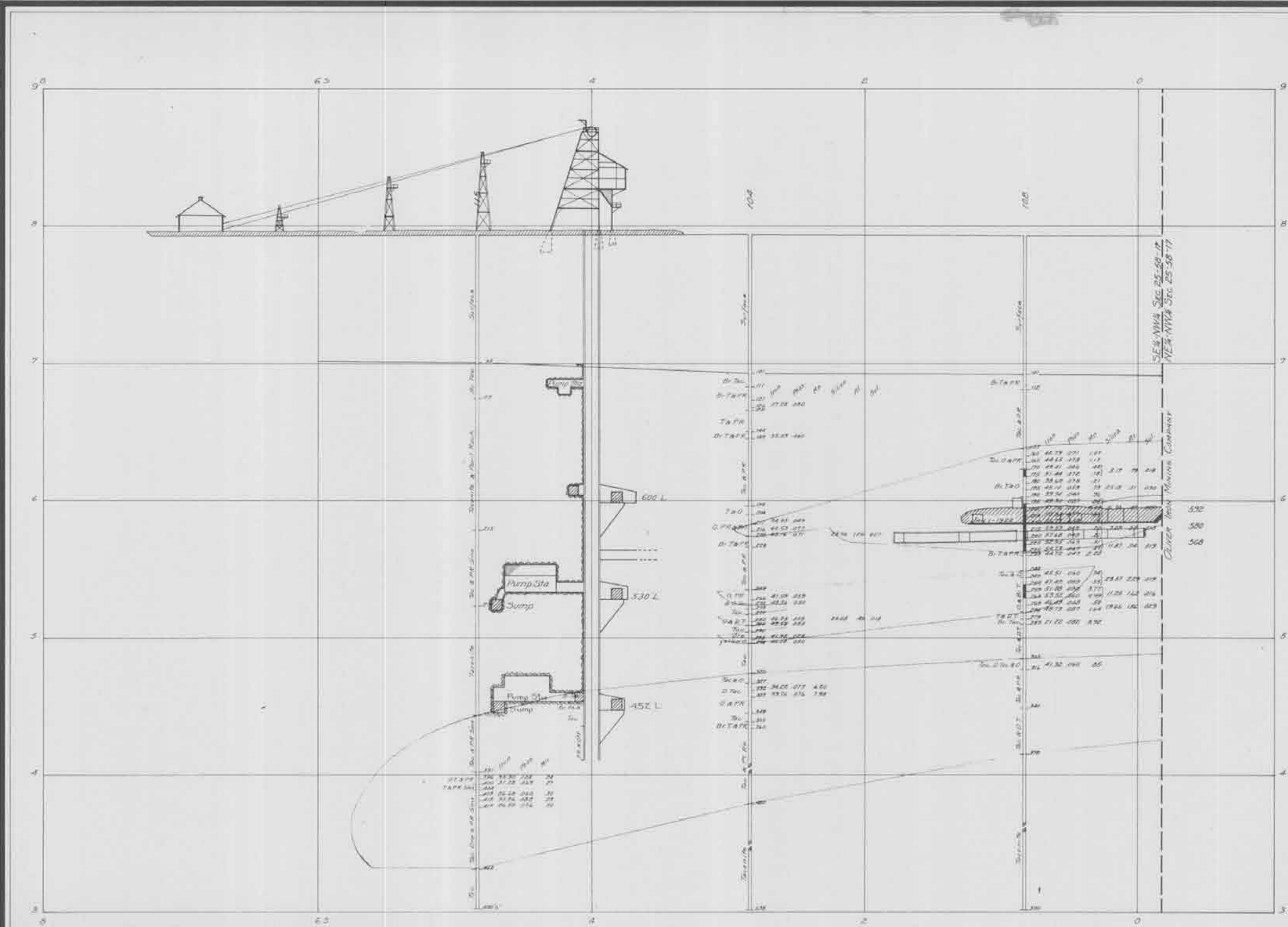
# 600 E



HANNA ORE MINING CO  
 HOBART MINE SECTIONS  
 SE 1/4 NW 1/4 SEC. 25-58-17  
 LOOKING WEST  
 Scale of Feet



# 700E



HANNA ORE MINING CO  
 HOBART MINE SECTIONS  
 SE 1/4 NW 1/4 SEC. 25-58-17  
 LOOKING WEST  
 Scale of Feet